

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064768.D
 Acq On : 04 Jan 2020 08:47
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 8.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:50:21 AM

Quant Time: Jan 06 08:31:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	329003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	513549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	471673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	236393	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	175032	60.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.66%	
35) Dibromofluoromethane	7.92	113	170336	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	10.34	98	642891	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.64	95	210379	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	114890	44.934	ug/l 98
3) Chloromethane	2.21	50	193380	54.079	ug/l 96
4) Vinyl Chloride	2.35	62	227274	52.127	ug/l 94
5) Bromomethane	2.77	94	169188	53.369	ug/l 94
6) Chloroethane	2.92	64	161366	55.235	ug/l 99
7) Trichlorofluoromethane	3.27	101	352148	47.969	ug/l 98
8) Diethyl Ether	3.71	74	86460	59.308	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	141402	46.509	ug/l 98
10) Methyl Iodide	4.29	142	179662	55.014	ug/l 99
11) Tert butyl alcohol	5.26	59	53770	323.402	ug/l 96
12) 1,1-Dichloroethene	4.06	96	145859	50.391	ug/l 99
13) Acrolein	3.92	56	66431	286.694	ug/l 100
14) Allyl chloride	4.71	41	248835	55.138	ug/l 99
15) Acrylonitrile	5.43	53	189401	311.912	ug/l 98
16) Acetone	4.17	43	146764	239.188	ug/l 96
17) Carbon Disulfide	4.40	76	451920	48.285	ug/l 97
18) Methyl Acetate	4.73	43	98860	60.528	ug/l 100
19) Methyl tert-butyl Ether	5.49	73	396680	61.700	ug/l 96
20) Methylene Chloride	4.97	84	187235	64.525	ug/l 99
21) trans-1,2-Dichloroethene	5.47	96	182560	55.381	ug/l 99
22) Diisopropyl ether	6.37	45	557879	61.977	ug/l 97
23) Vinyl Acetate	6.31	43	1576803	308.805	ug/l 99
24) 1,1-Dichloroethane	6.27	63	321030	59.408	ug/l 97
25) 2-Butanone	7.22	43	232399	291.429	ug/l 99
26) 2,2-Dichloropropane	7.21	77	235347	46.842	ug/l 98
27) cis-1,2-Dichloroethene	7.21	96	207479	58.320	ug/l 99
28) Bromochloromethane	7.55	49	134588	64.070	ug/l 99
29) Tetrahydrofuran	7.57	42	156757	316.098	ug/l 97
30) Chloroform	7.71	83	345967	61.022	ug/l 99
31) Cyclohexane	7.99	56	244014	45.111	ug/l 98
32) 1,1,1-Trichloroethane	7.90	97	296325	55.646	ug/l 99
36) 1,1-Dichloropropene	8.11	75	243982	49.360	ug/l 99
37) Ethyl Acetate	7.30	43	110962	57.143	ug/l 99
38) Carbon Tetrachloride	8.10	117	261409	49.598	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	260664	43.540	ug/l	96
40) Benzene	8.35	78	737553	54.660	ug/l	98
41) Methacrylonitrile	7.53	41	64039m	56.840	ug/l	
42) 1,2-Dichloroethane	8.43	62	224803	57.652	ug/l	98
43) Isopropyl Acetate	8.46	43	218016	56.407	ug/l	99
44) Trichloroethene	9.11	130	201356	50.796	ug/l	98
45) 1,2-Dichloropropane	9.39	63	182987	56.797	ug/l	99
46) Dibromomethane	9.48	93	103481	57.610	ug/l	98
47) Bromodichloromethane	9.67	83	272407	56.992	ug/l	98
48) Methyl methacrylate	9.46	41	100244	55.083	ug/l	89
49) 1,4-Dioxane	9.47	88	24008	1159.140	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	553392	289.673	ug/l	99
52) Toluene	10.41	92	479793	54.197	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	251857	56.518	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	291009	55.382	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	137046	56.613	ug/l	96
56) Ethyl methacrylate	10.66	69	176015	58.221	ug/l	99
57) 1,3-Dichloropropane	10.95	76	239955	57.570	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	310186	269.302	ug/l	98
59) 2-Hexanone	10.99	43	376935	290.704	ug/l	99
60) Dibromochloromethane	11.14	129	194234	58.022	ug/l	100
61) 1,2-Dibromoethane	11.25	107	130530	54.669	ug/l	99
64) Tetrachloroethene	10.88	164	186752	51.609	ug/l	98
65) Chlorobenzene	11.67	112	517588	52.872	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	201902	54.709	ug/l	99
67) Ethyl Benzene	11.75	91	922971	51.944	ug/l	98
68) m/p-Xylenes	11.86	106	708629	103.325	ug/l	98
69) o-Xylene	12.18	106	328978	53.106	ug/l	100
70) Styrene	12.20	104	603287	55.482	ug/l	98
71) Bromoform	12.37	173	115326	54.797	ug/l #	100
73) Isopropylbenzene	12.48	105	861766	51.013	ug/l	99
74) N-amyl acetate	12.30	43	202958	56.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	147299	55.506	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	95686m	51.259	ug/l	
77) Bromobenzene	12.77	156	218071	52.536	ug/l	98
78) n-propylbenzene	12.83	91	1000567	50.770	ug/l	100
79) 2-Chlorotoluene	12.91	91	565008	52.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	718445	51.773	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	44970	50.385	ug/l	98
82) 4-Chlorotoluene	13.01	91	597896	51.895	ug/l	99
83) tert-Butylbenzene	13.23	119	610314	50.654	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	727544	52.642	ug/l	98
85) sec-Butylbenzene	13.41	105	821945	49.760	ug/l	100
86) p-Isopropyltoluene	13.53	119	791120	50.089	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	414985	52.443	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	405537	52.169	ug/l	99
89) n-Butylbenzene	13.86	91	702033	49.358	ug/l	98
90) Hexachloroethane	14.12	117	158437	52.514	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	360553	53.435	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	23387	54.363	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	255332	51.393	ug/l	98
94) Hexachlorobutadiene	15.28	225	141037	45.112	ug/l	97
95) Naphthalene	15.41	128	427902	54.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	225015	53.052	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

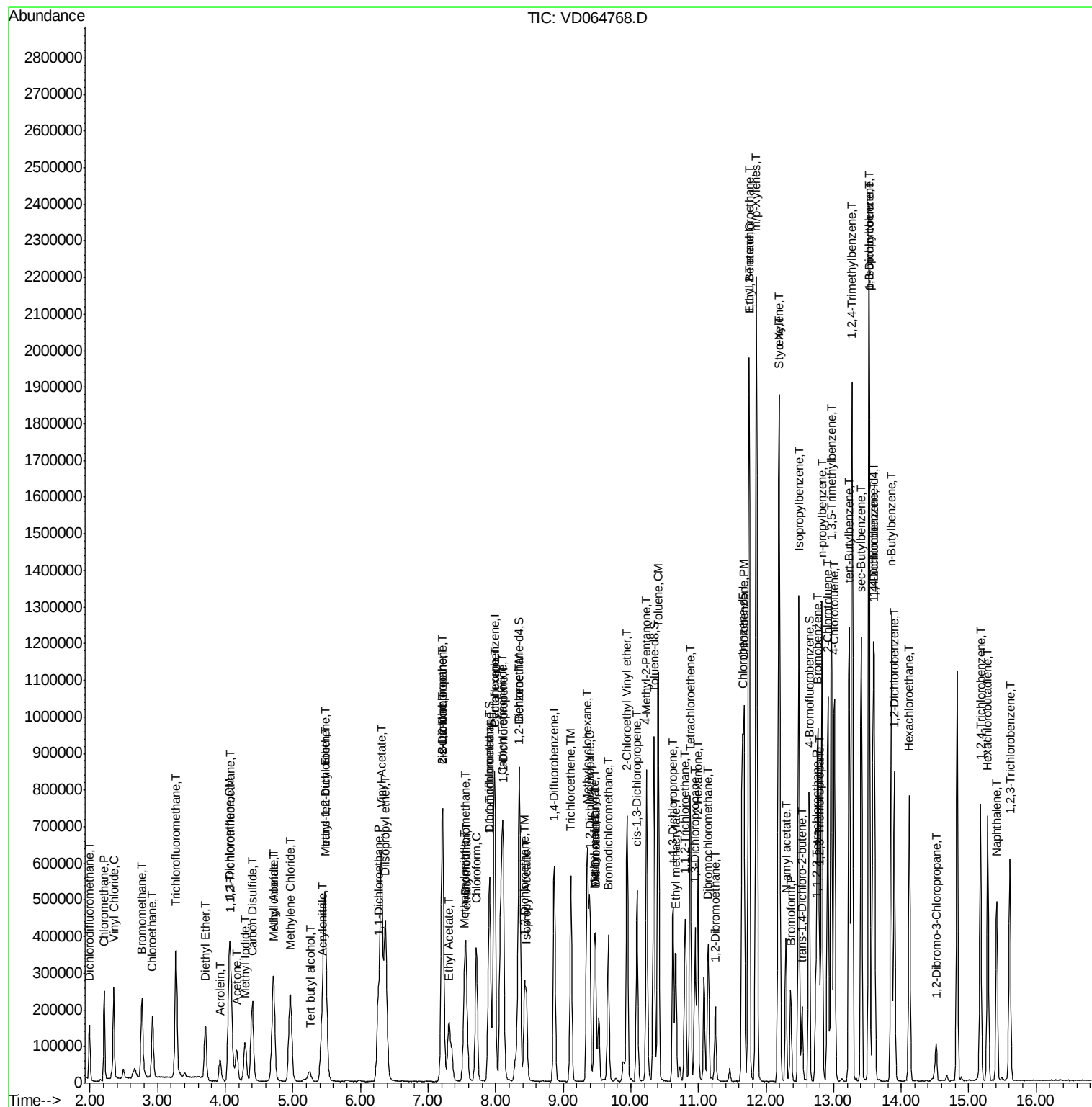
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
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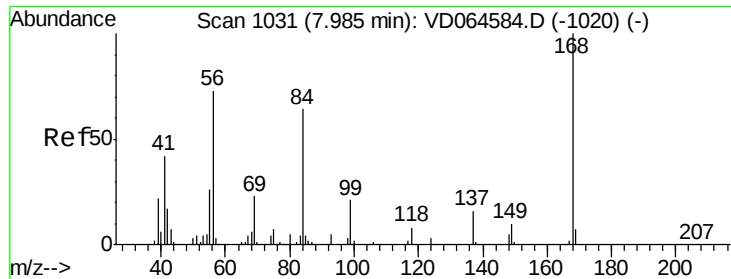
Instrument :
MSVOA_D
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VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 329003

Ion Ratio Lower Upper

168 100

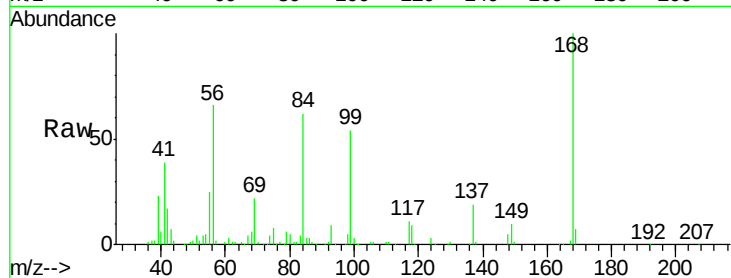
99 53.5 41.8 62.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

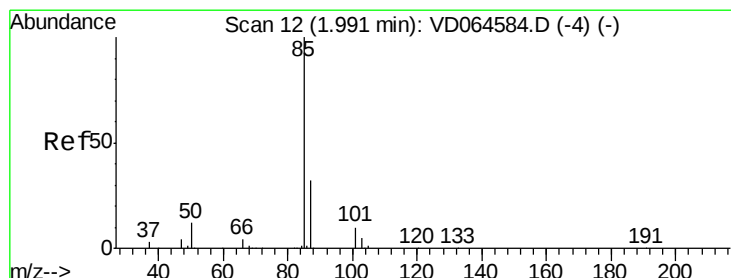
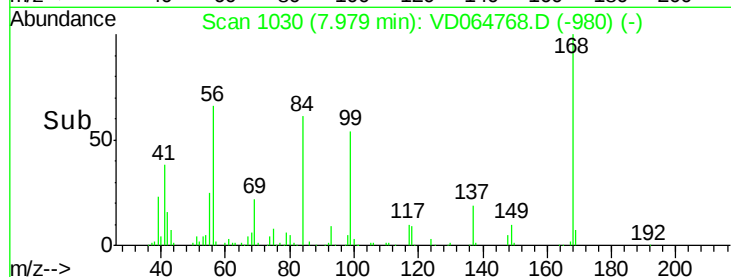
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.934 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064768.D

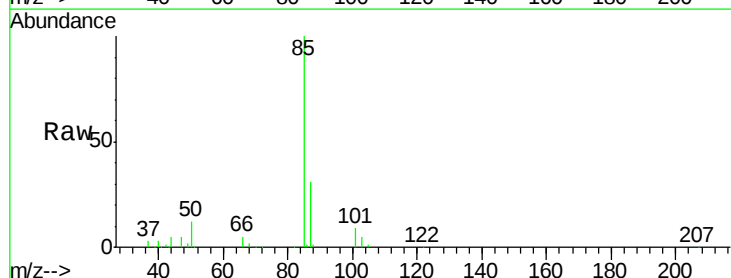
Acq: 04 Jan 2020 08:47

Tgt Ion: 85 Resp: 114890

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

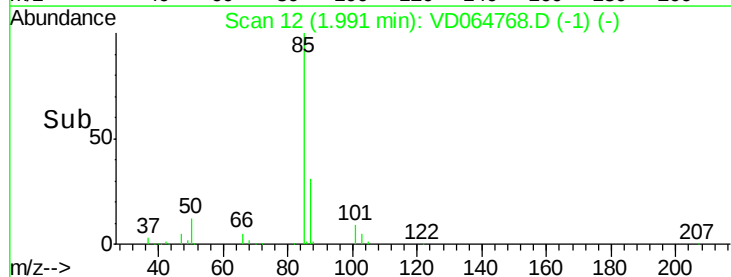
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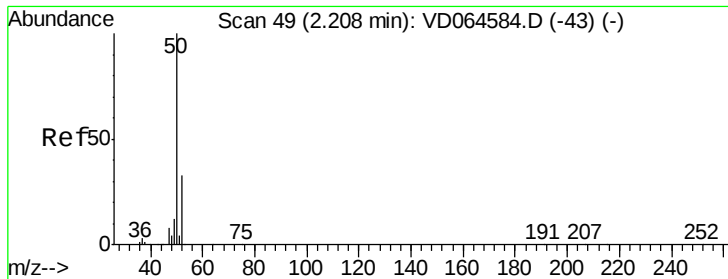
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 54.079 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 193380

Ion Ratio Lower Upper

50 100

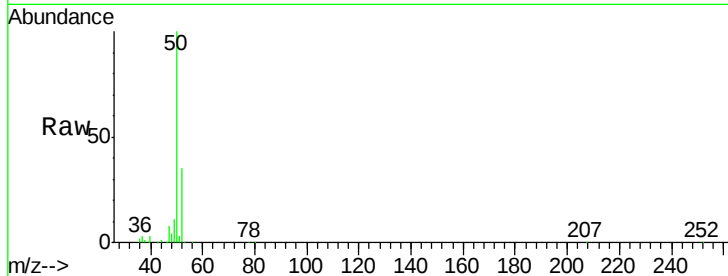
52 35.1 26.5 39.7

Manual Integrations

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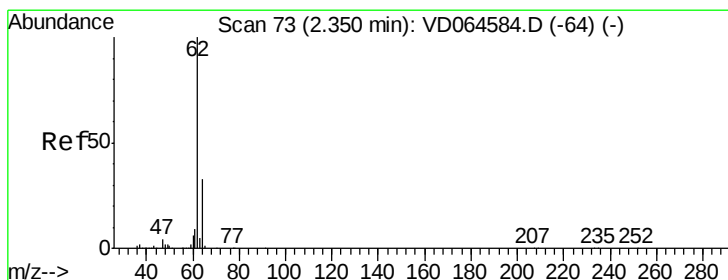
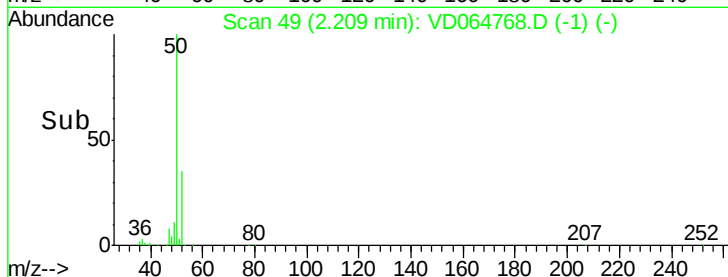
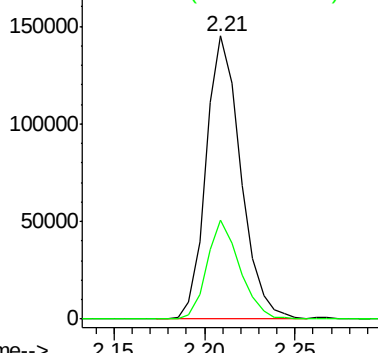
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 52.127 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064768.D

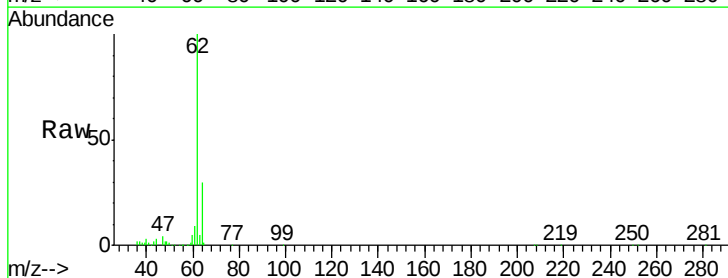
Acq: 04 Jan 2020 08:47

Tgt Ion: 62 Resp: 227274

Ion Ratio Lower Upper

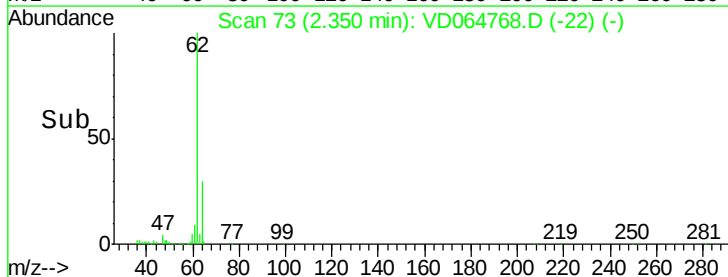
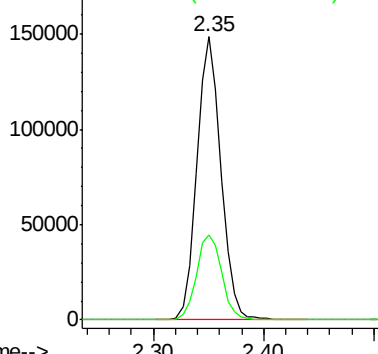
62 100

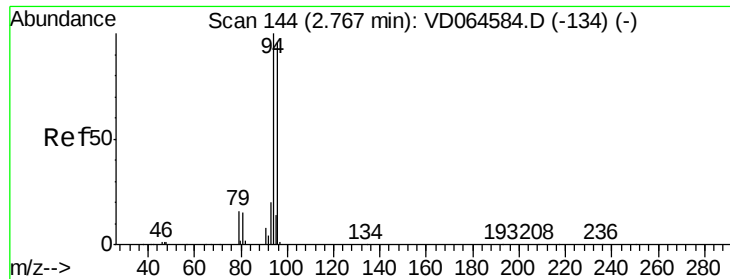
64 30.1 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 53.369 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

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Tgt Ion: 94 Resp: 169188

Ion Ratio Lower Upper

94 100

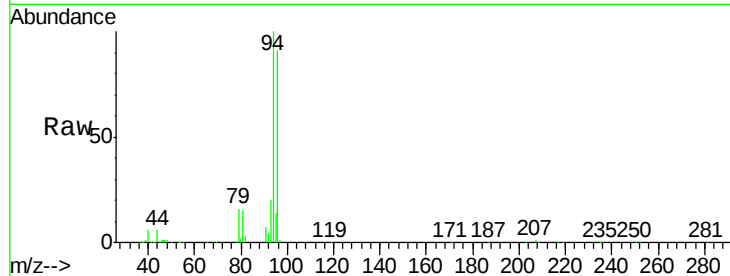
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Manual Integrations

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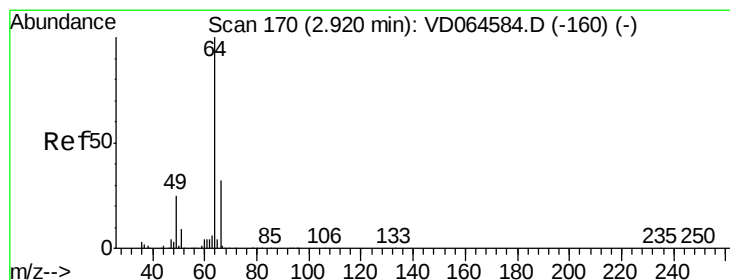
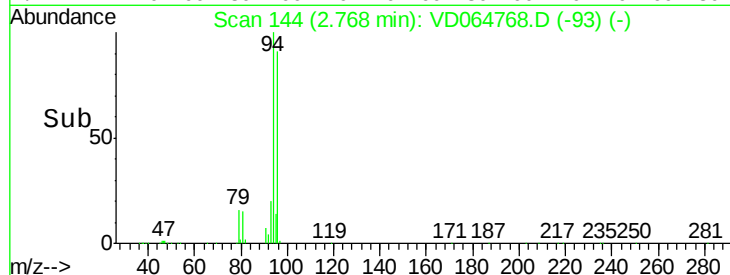
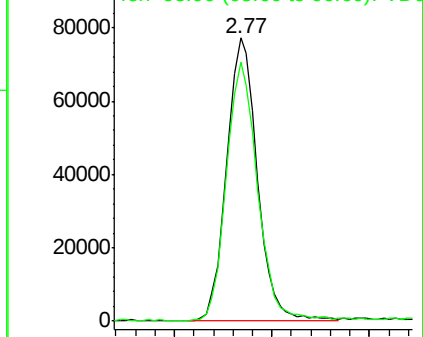
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 55.235 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064768.D

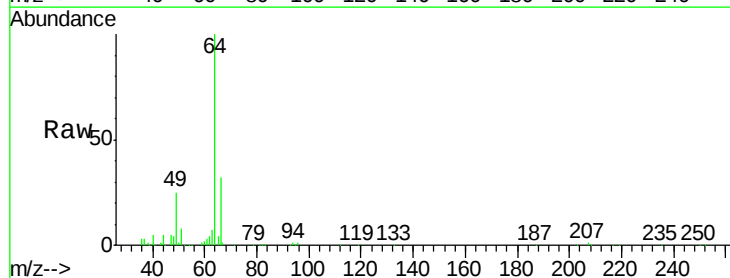
Acq: 04 Jan 2020 08:47

Tgt Ion: 64 Resp: 161366

Ion Ratio Lower Upper

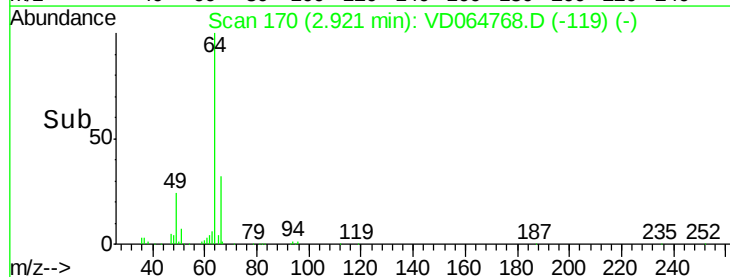
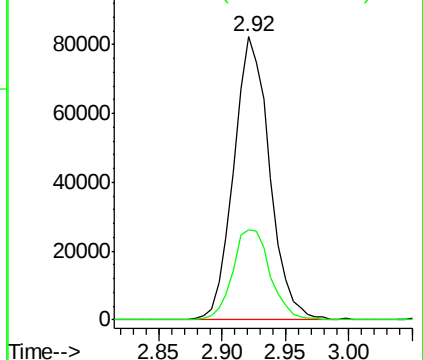
64 100

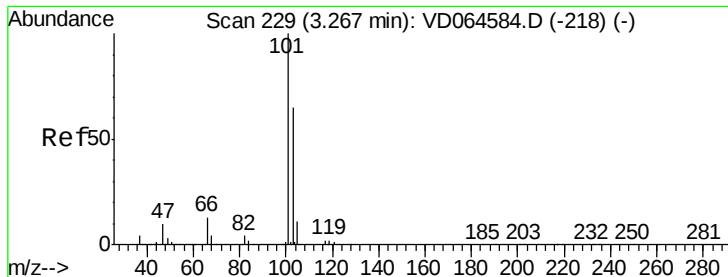
66 32.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

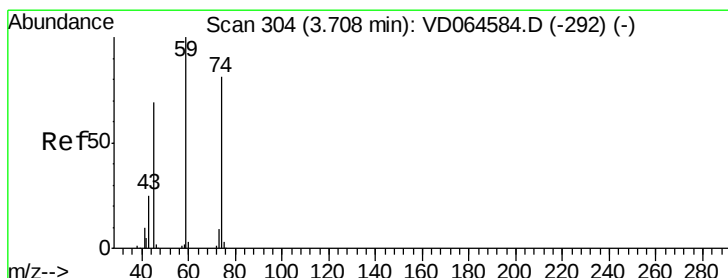
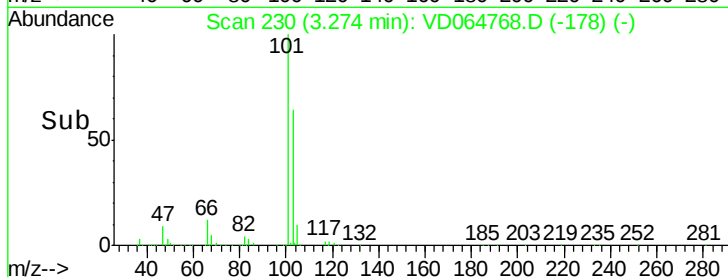
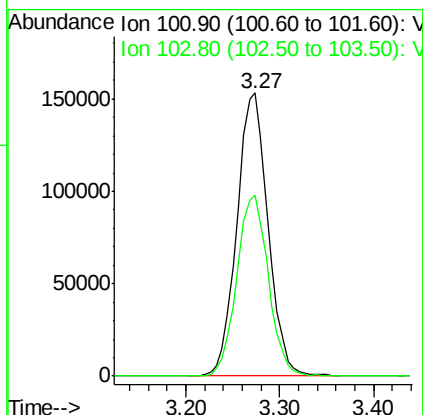
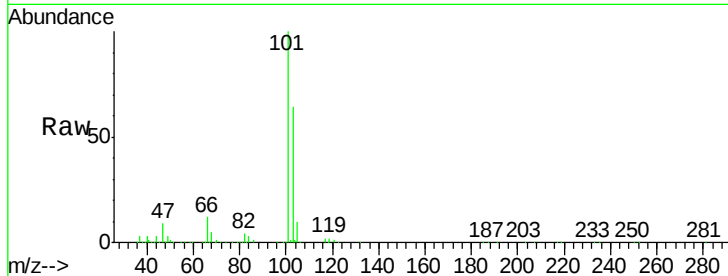
Trichlorofluoromethane
 Concen: 47.969 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.2	78.4

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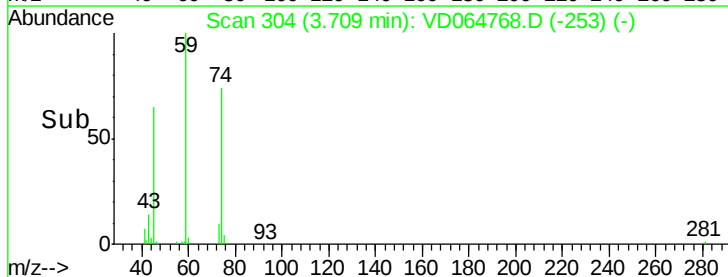
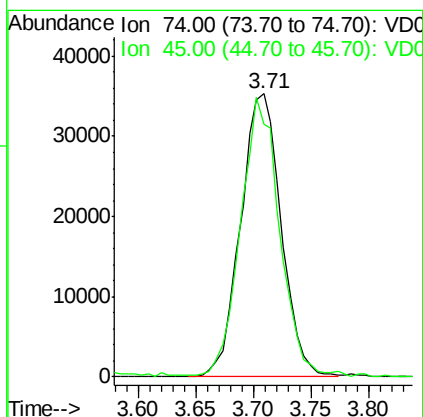
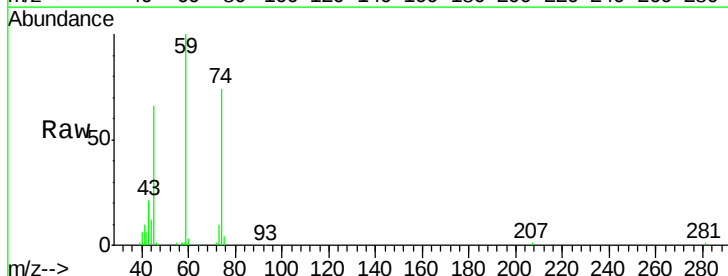
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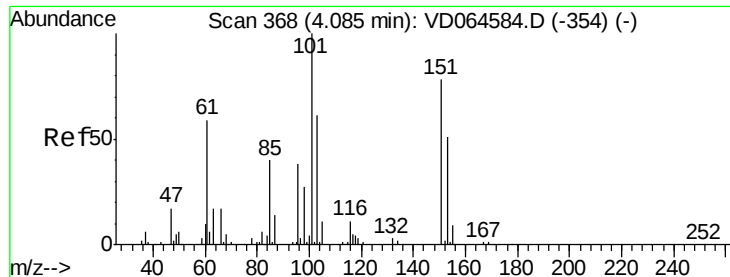


#8

Diethyl Ether
 Concen: 59.308 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.509 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

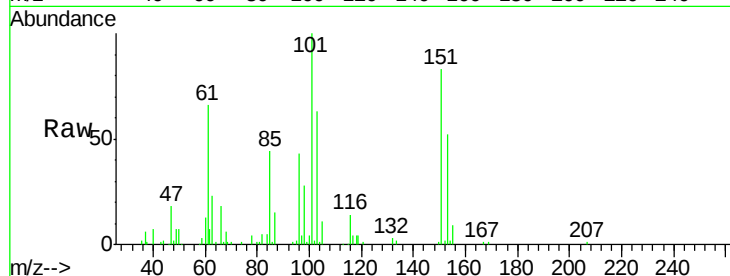
ClientSampleId :

VSTDCCC050EC

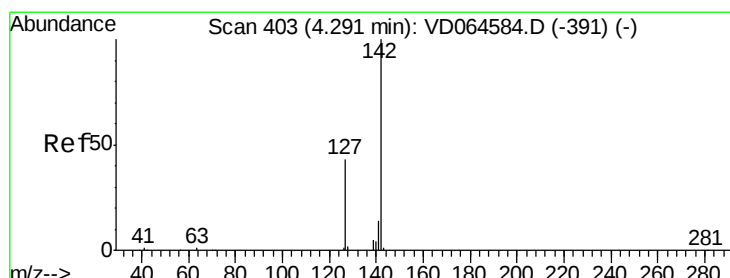
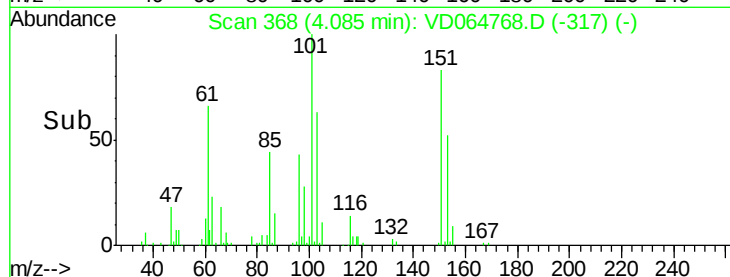
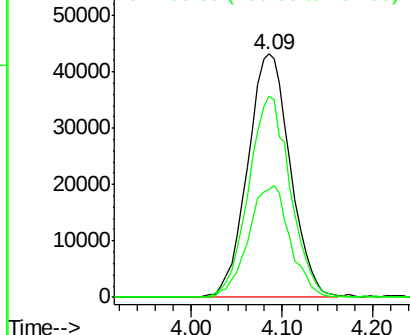
Tgt Ion:	101	Resp:	141402
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.2	52.8
151	80.8	66.2	99.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.014 ug/l

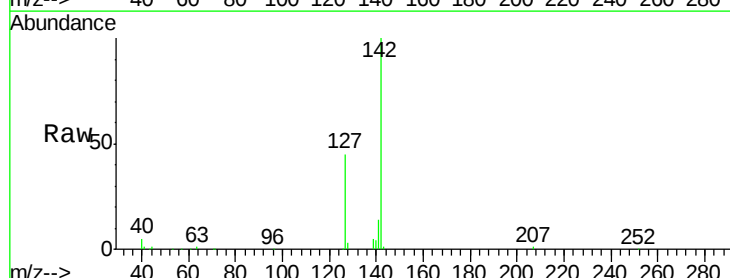
RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

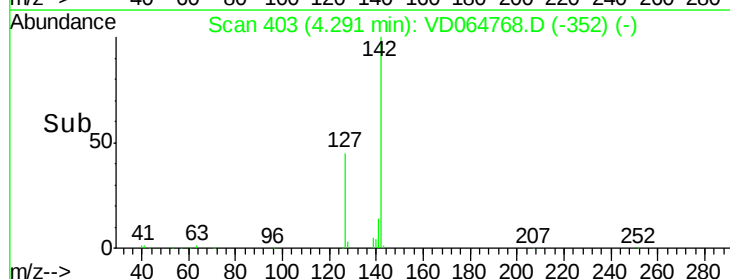
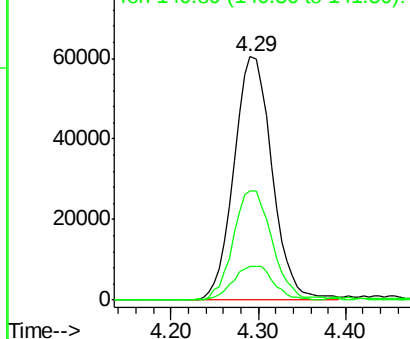
Lab File: VD064768.D

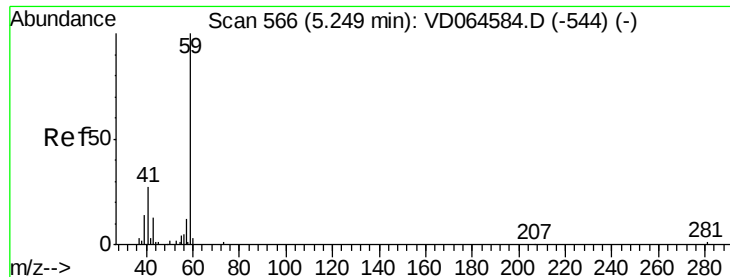
Acq: 04 Jan 2020 08:47

Tgt Ion:	142	Resp:	179662
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.2	54.4
141	14.7	11.8	17.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

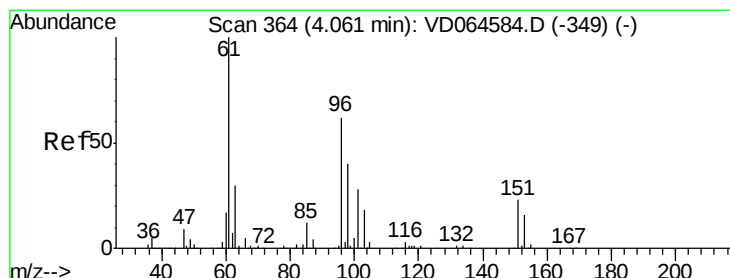
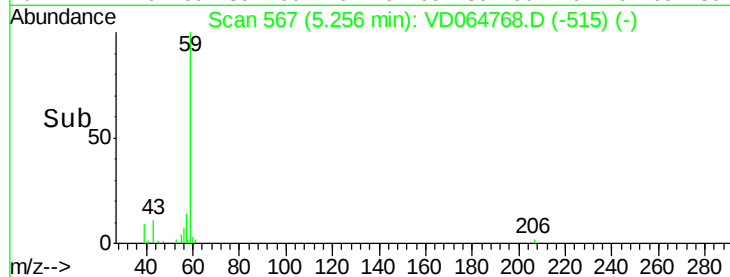
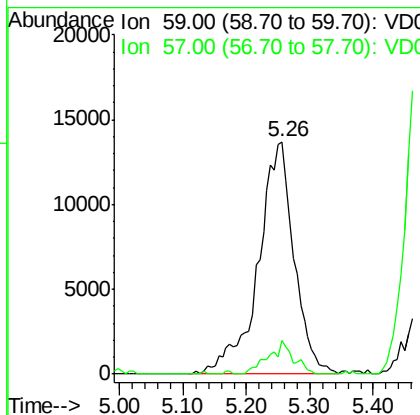
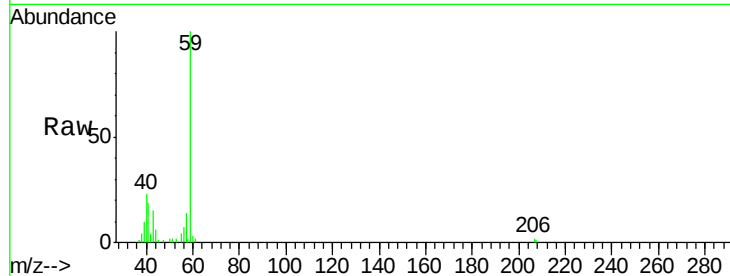
Tert butyl alcohol
 Concen: 323.402 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	9.3	13.9

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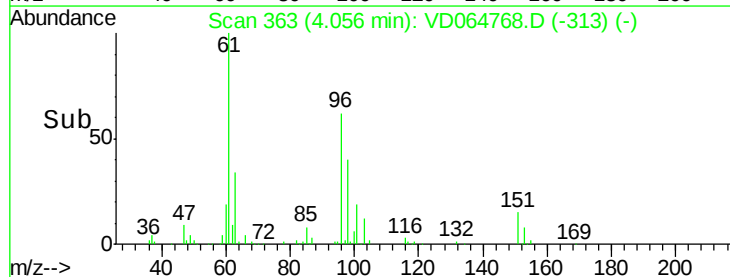
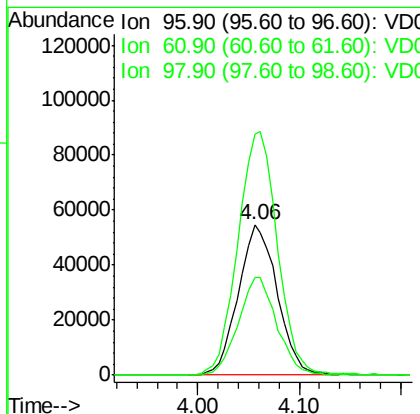
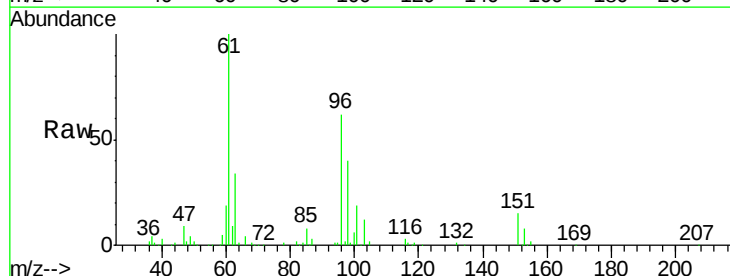
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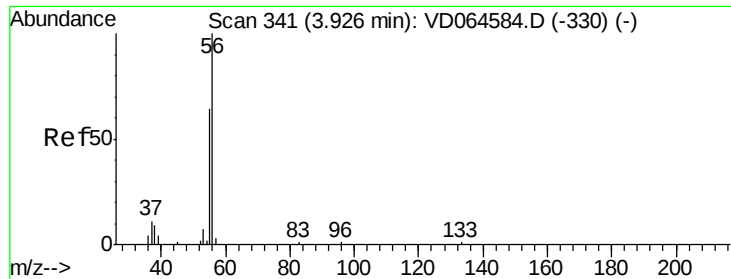


#12

1,1-Dichloroethene
 Concen: 50.391 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	129.4	194.0
98	64.6	51.4	77.0





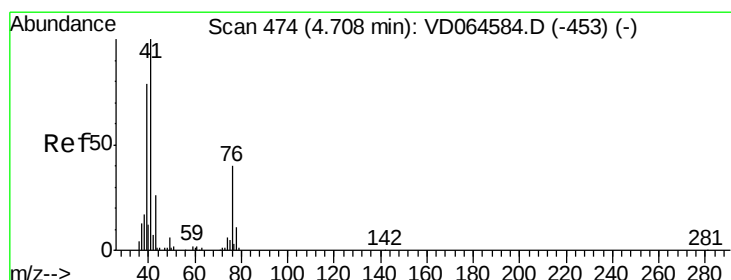
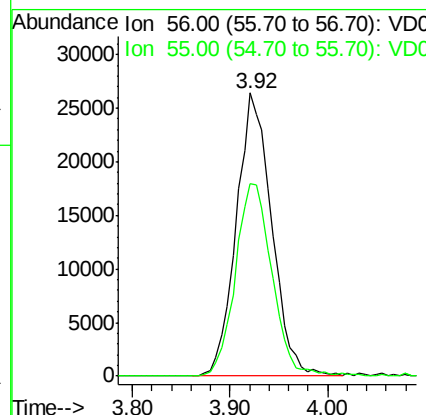
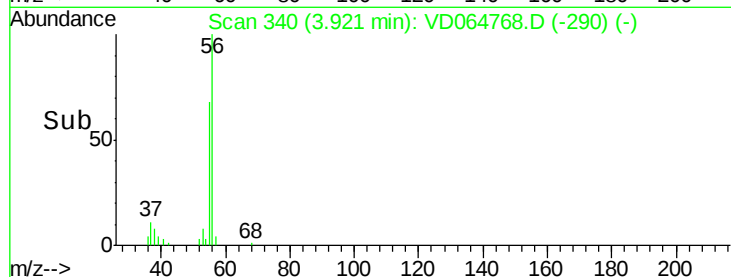
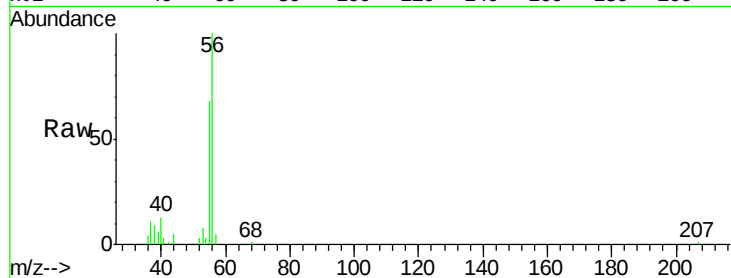
#13
 Acrolein
 Concen: 286.694 ug/l
 RT: 3.92 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.7	85.1

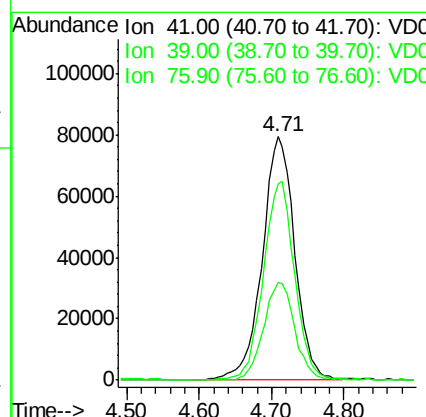
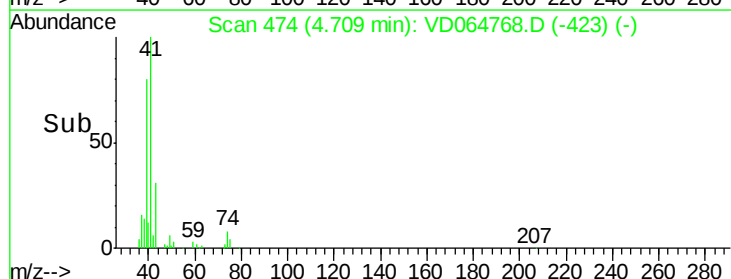
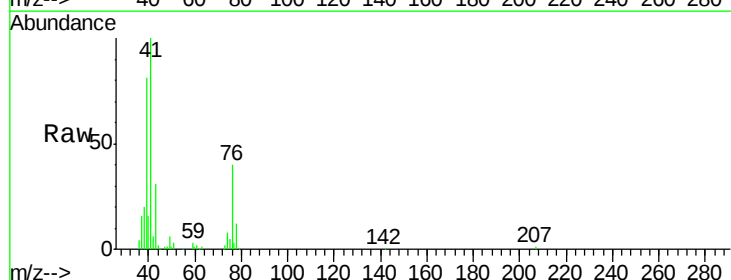
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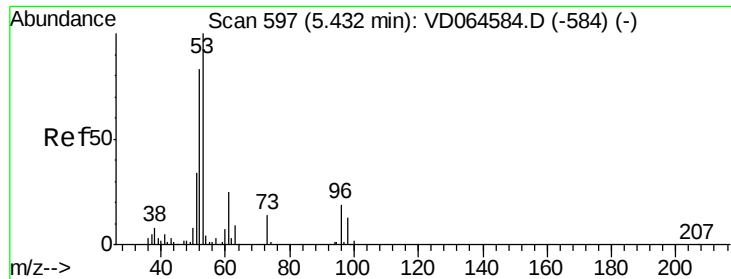
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#14
 Allyl chloride
 Concen: 55.138 ug/l
 RT: 4.71 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	78.6	62.3	93.5
76	37.8	29.7	44.5





#15

Acrylonitrile

Concen: 311.912 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

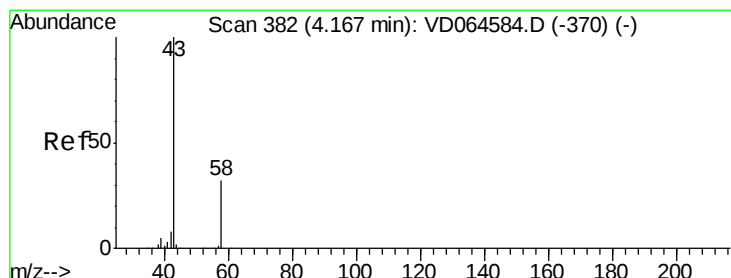
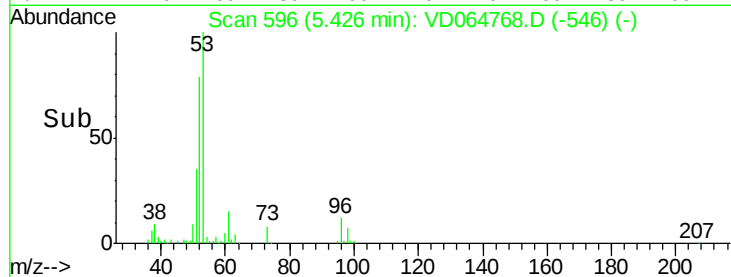
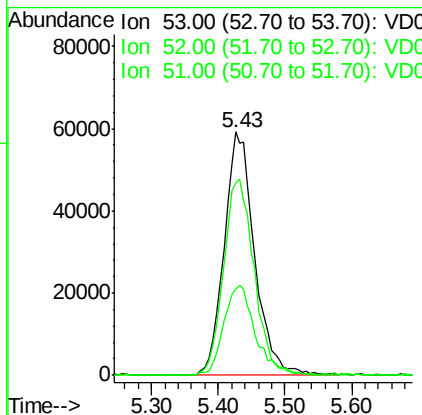
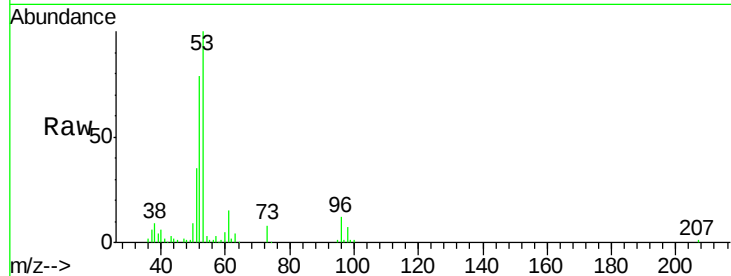
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	189401
Ion Ratio	Lower	Upper	
53	100		
52	81.1	66.2	99.2
51	38.5	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 239.188 ug/l

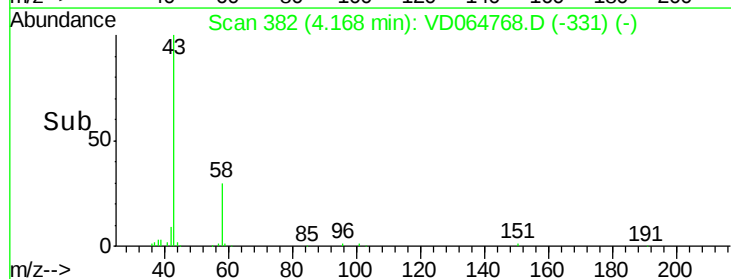
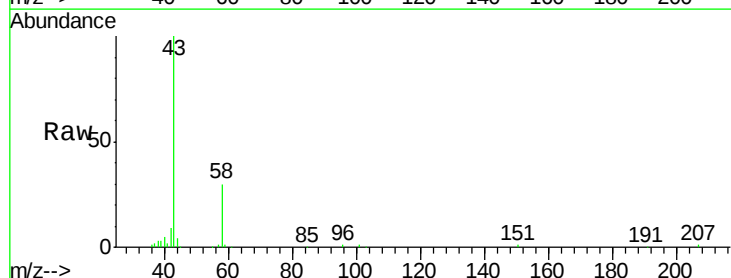
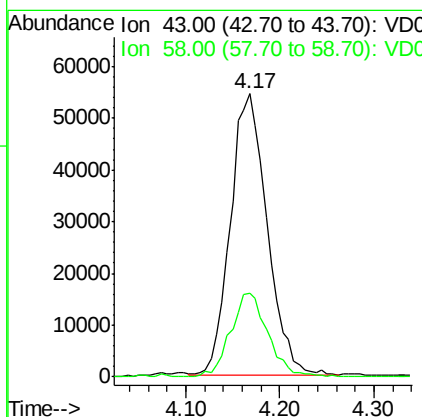
RT: 4.17 min Scan# 382

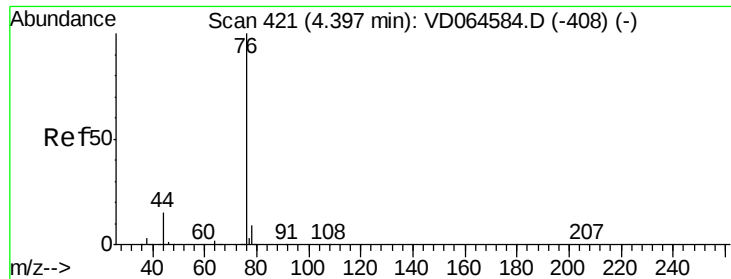
Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Tgt Ion:	43	Resp:	146764
Ion Ratio	Lower	Upper	
43	100		
58	29.9	25.8	38.6





#17

Carbon Disulfide

Concen: 48.285 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 451920

Ion Ratio Lower Upper

76 100

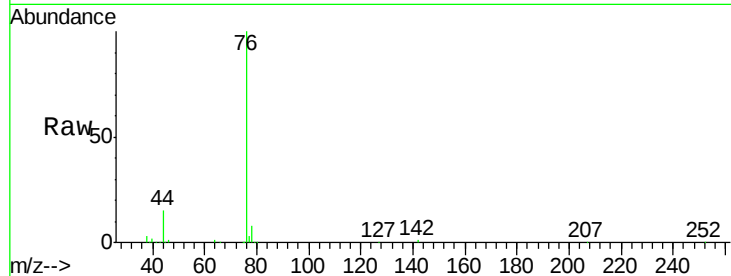
78 8.2 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

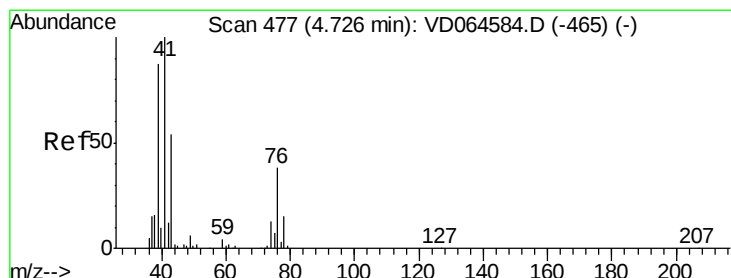
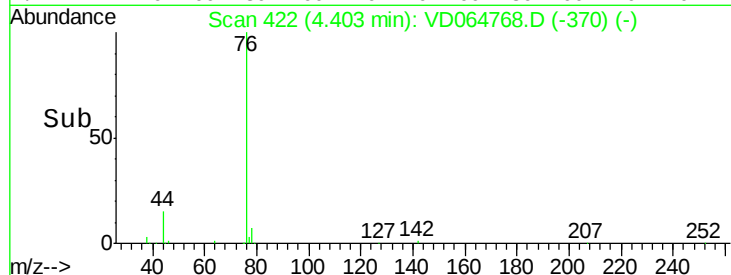
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 60.528 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD064768.D

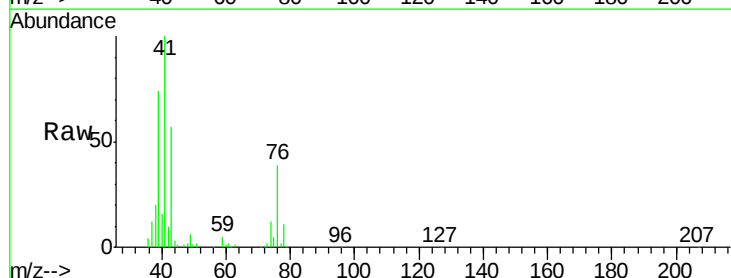
Acq: 04 Jan 2020 08:47

Tgt Ion: 43 Resp: 98860

Ion Ratio Lower Upper

43 100

74 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

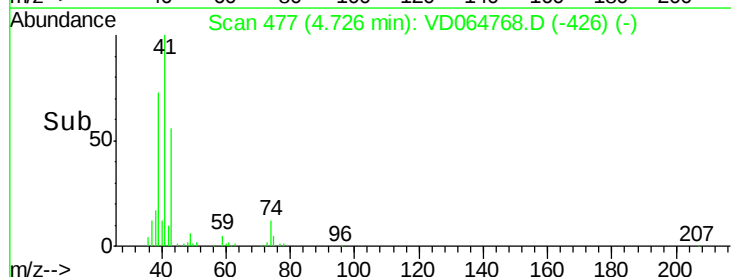
30000

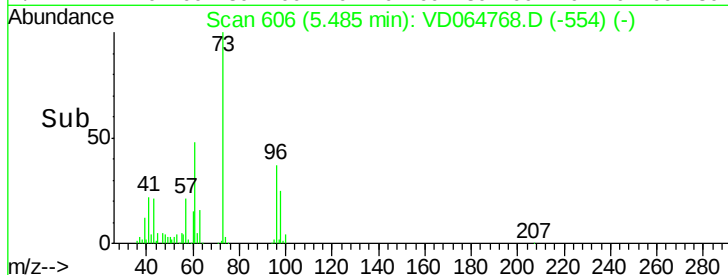
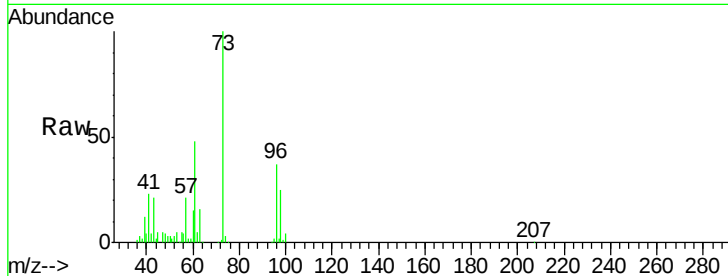
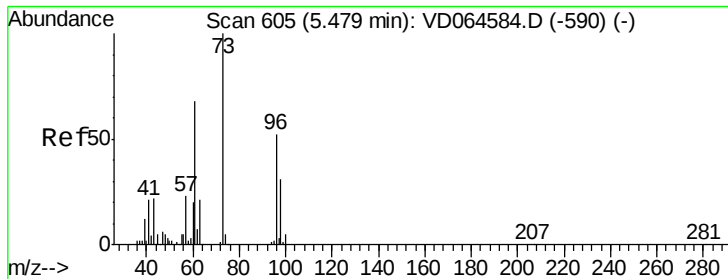
20000

10000

0

Time-->





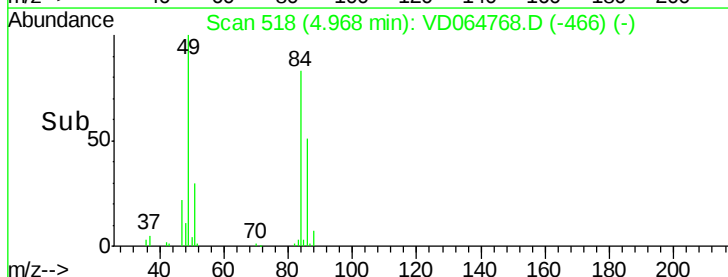
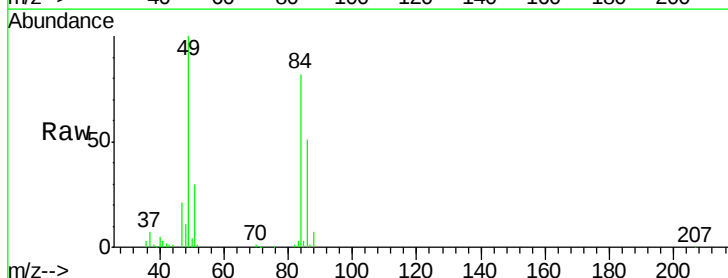
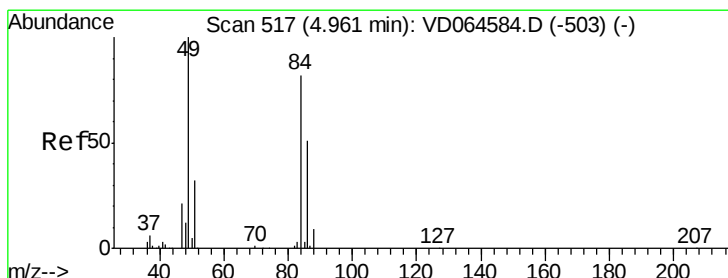
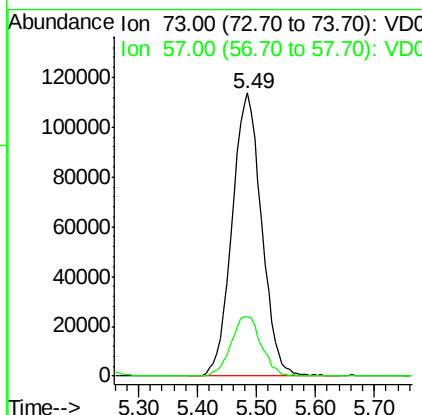
#19
Methyl tert-butyl Ether
Concen: 61.700 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion: 73 Resp: 396680
Ion Ratio Lower Upper
73 100
57 21.2 18.6 27.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

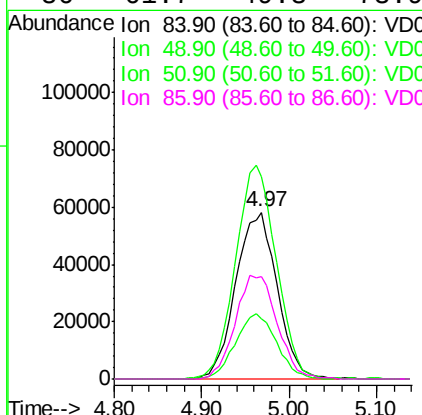
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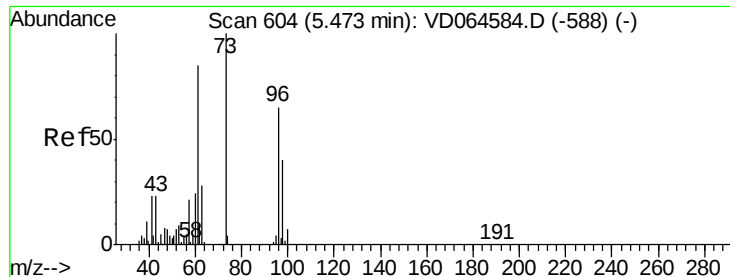
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#20
Methylene Chloride
Concen: 64.525 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion: 84 Resp: 187235
Ion Ratio Lower Upper
84 100
49 121.1 97.2 145.8
51 36.5 31.4 47.0
86 61.7 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 55.381 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

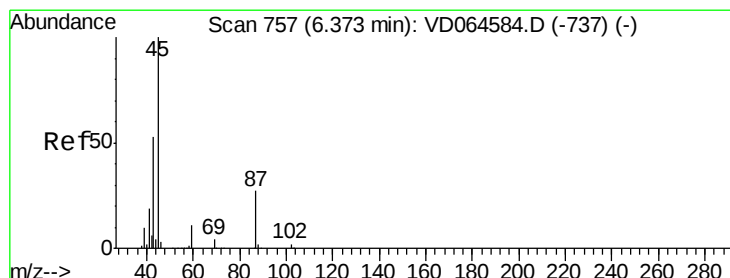
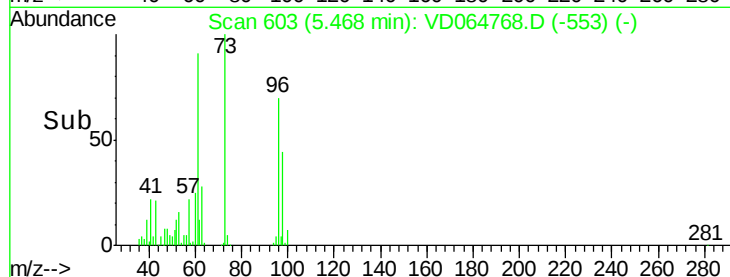
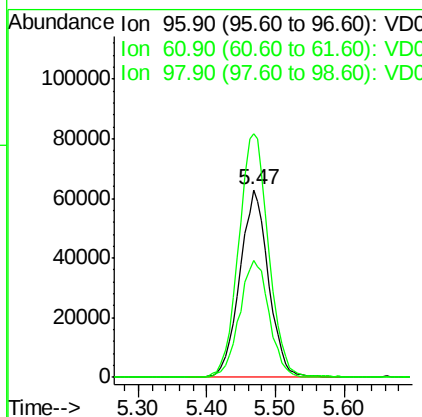
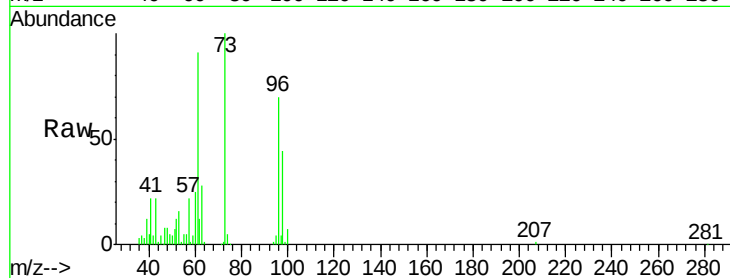
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	182560
Ion	Ratio	Lower	Upper
96	100		
61	130.0	104.7	157.1
98	62.7	49.4	74.2

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#22

Diisopropyl ether

Concen: 61.977 ug/l

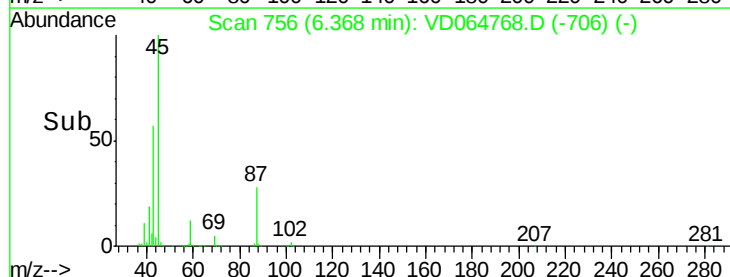
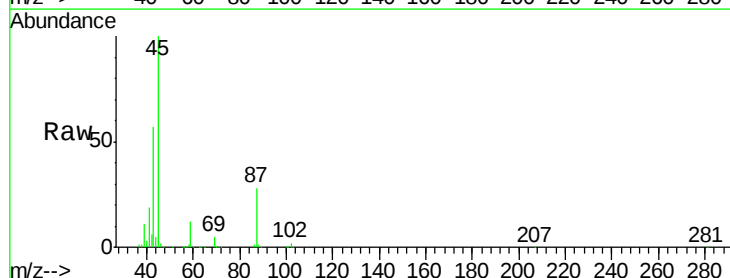
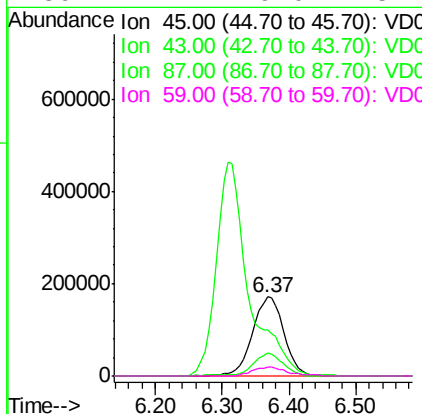
RT: 6.37 min Scan# 756

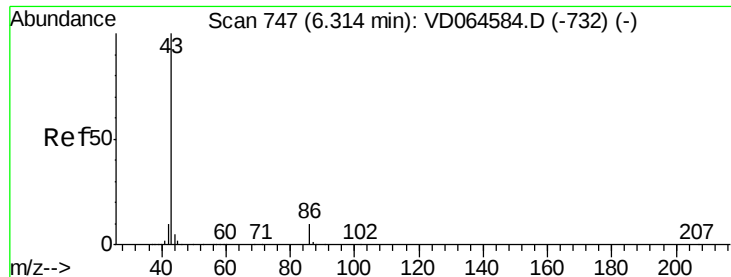
Delta R.T. -0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Tgt Ion:	45	Resp:	557879
Ion	Ratio	Lower	Upper
45	100		
43	56.7	43.2	64.8
87	28.4	21.9	32.9
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 308.805 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1576803

Ion Ratio Lower Upper

43 100

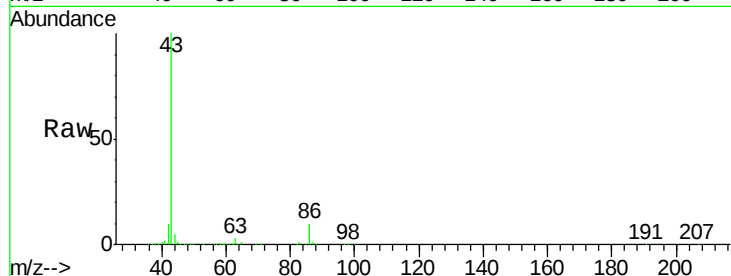
86 10.2 8.3 12.5

Manual Integrations

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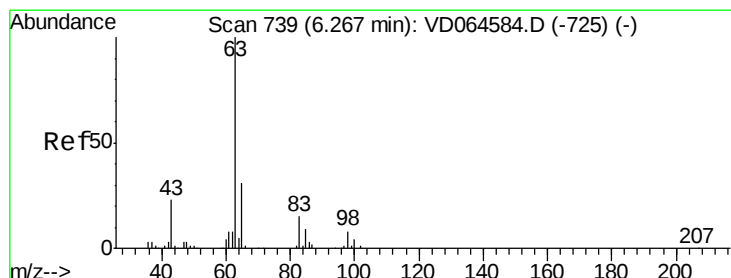
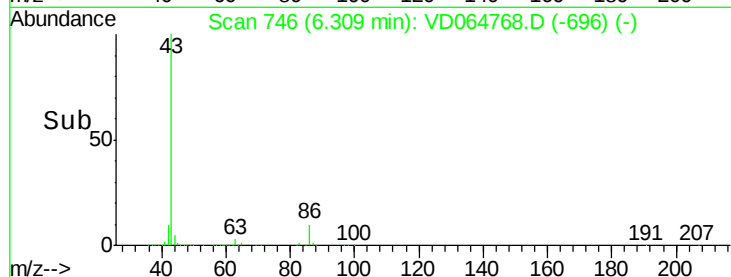
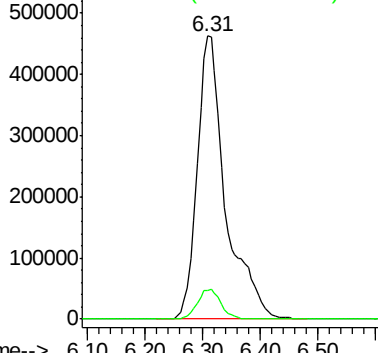
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 59.408 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

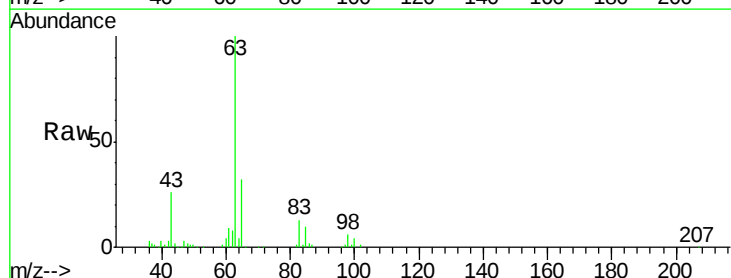
Tgt Ion: 63 Resp: 321030

Ion Ratio Lower Upper

63 100

98 6.4 4.1 12.3

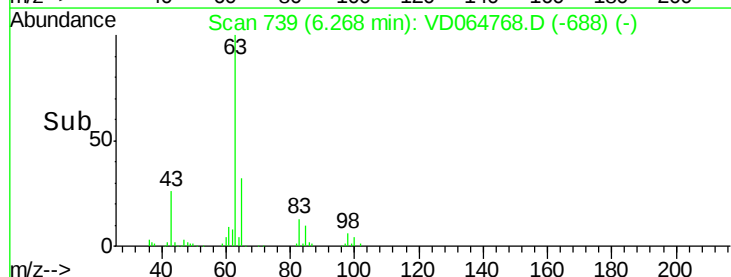
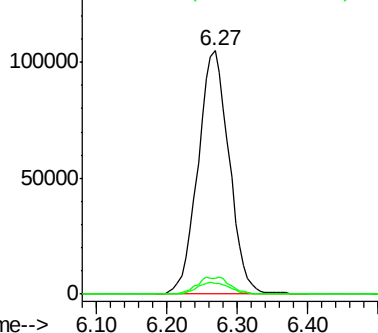
100 4.5 2.2 6.6

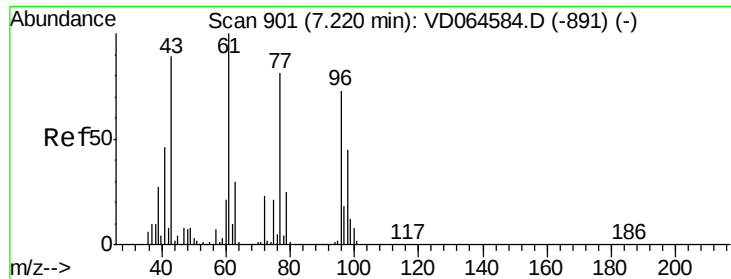


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 291.429 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 232399

Ion Ratio Lower Upper

43 100

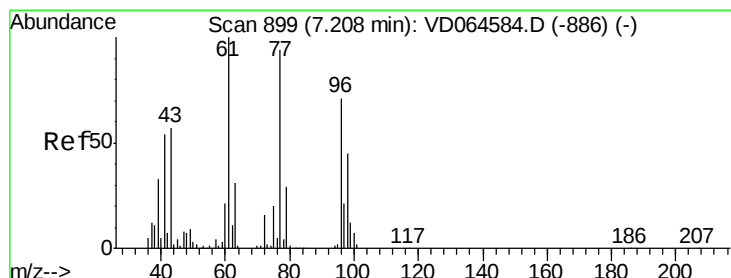
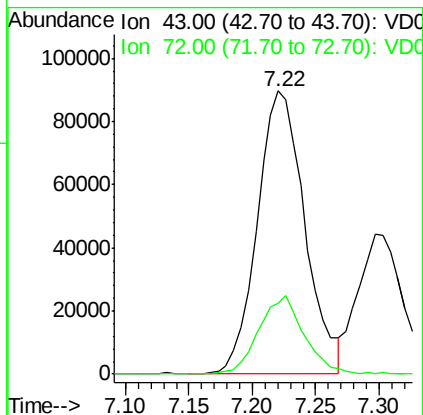
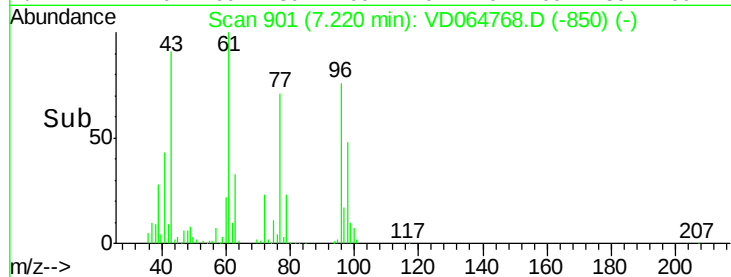
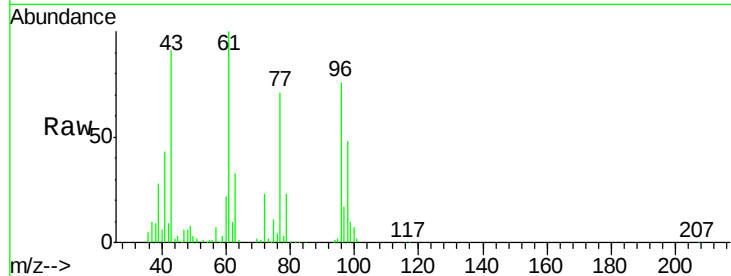
72 25.2 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 46.842 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064768.D

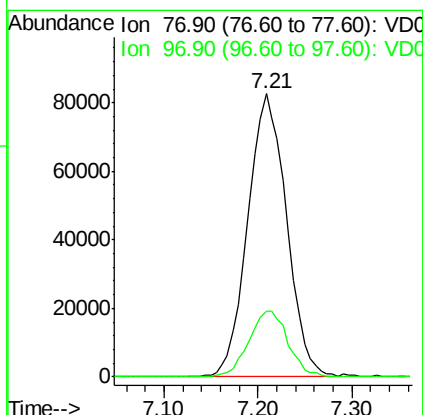
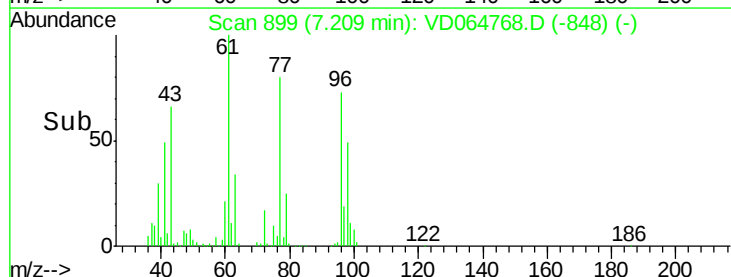
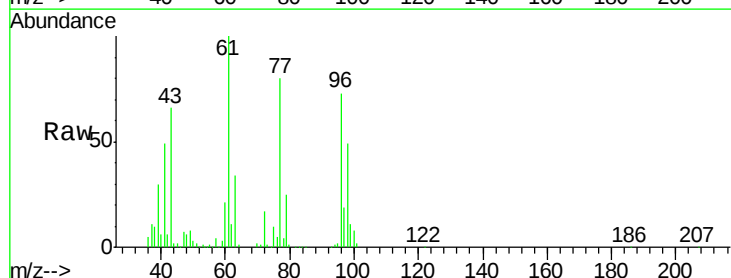
Acq: 04 Jan 2020 08:47

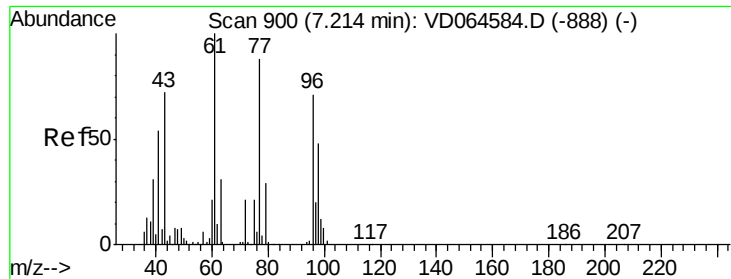
Tgt Ion: 77 Resp: 235347

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6





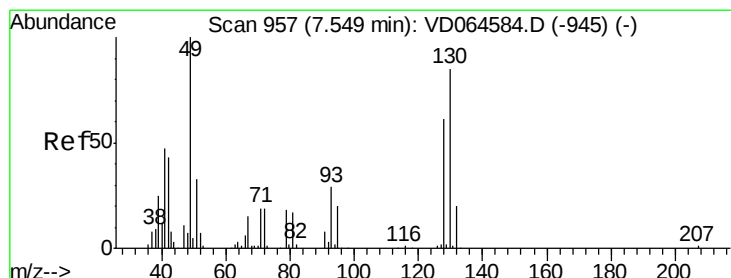
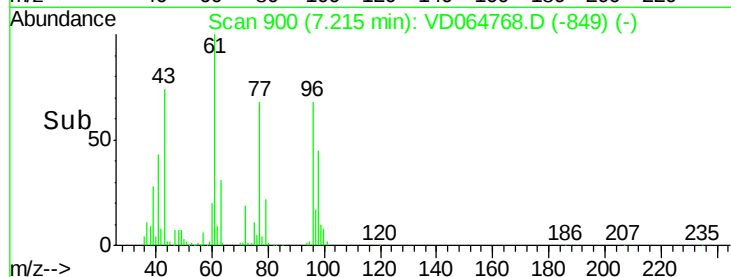
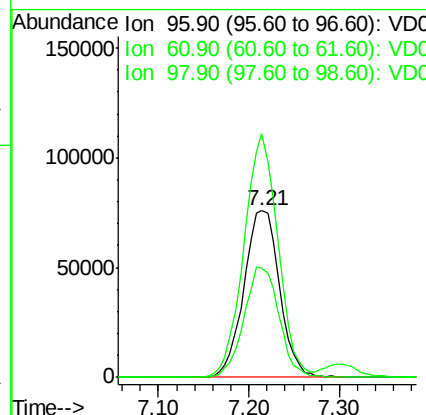
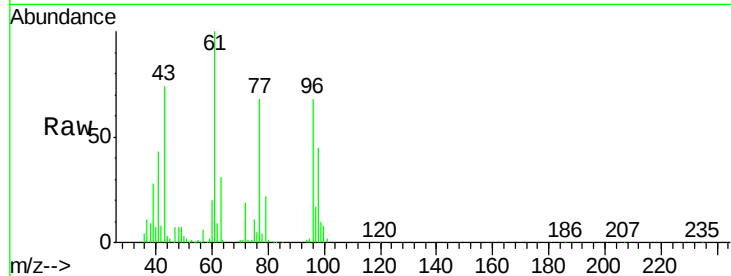
#27
 cis-1,2-Dichloroethene
 Concen: 58.320 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	282.6
98	65.0	0.0	130.8

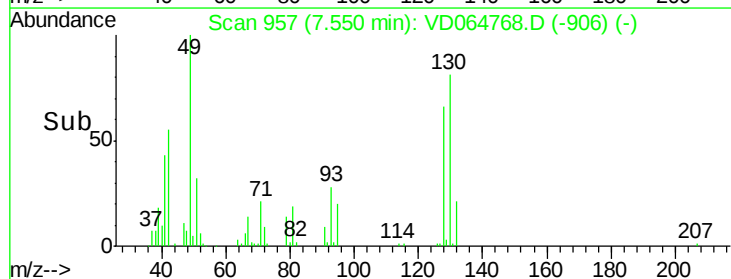
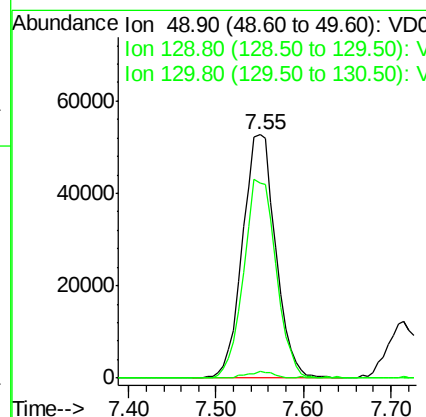
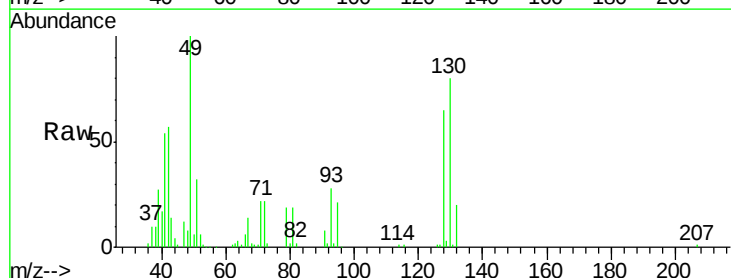
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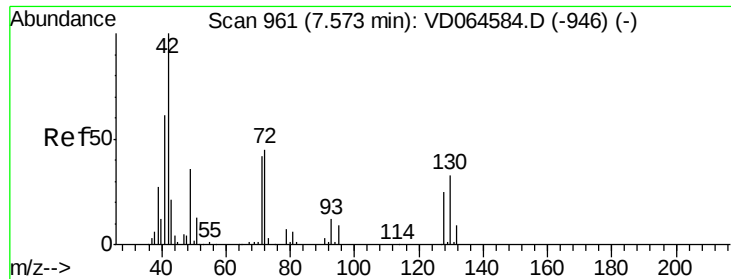
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#28
 Bromochloromethane
 Concen: 64.070 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	80.4	65.0	97.6





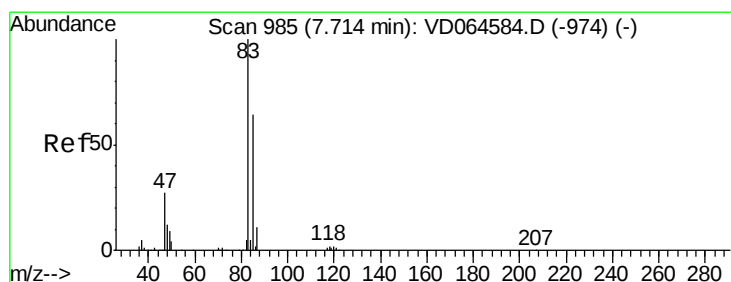
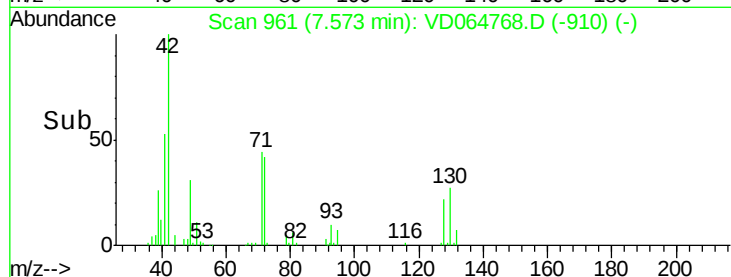
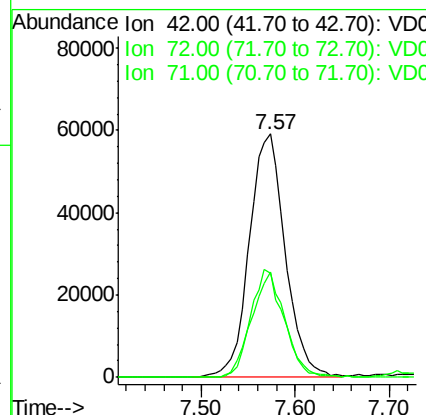
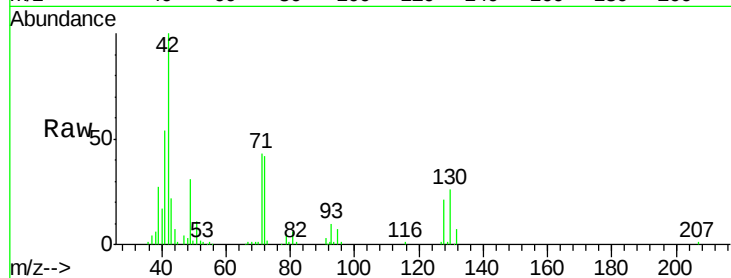
#29
Tetrahydrofuran
Concen: 316.098 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.2	35.0	52.4
71	39.2	32.9	49.3

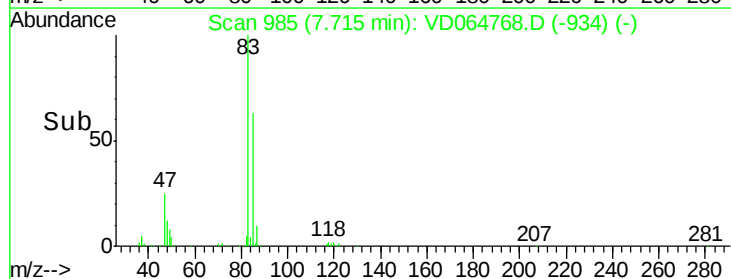
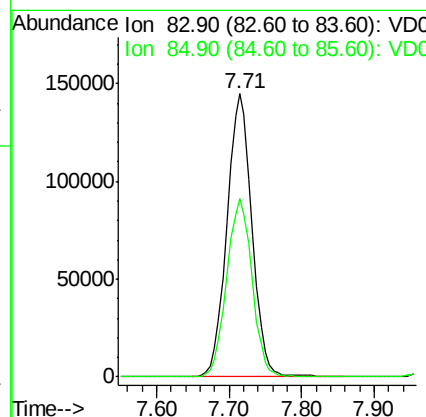
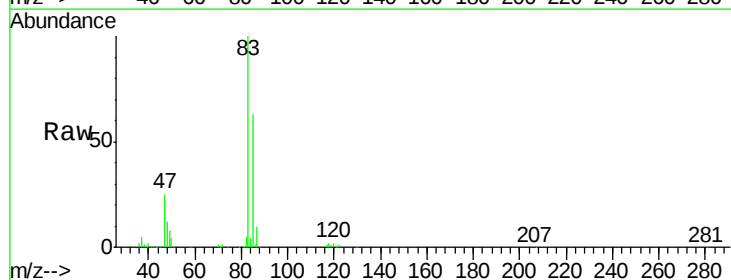
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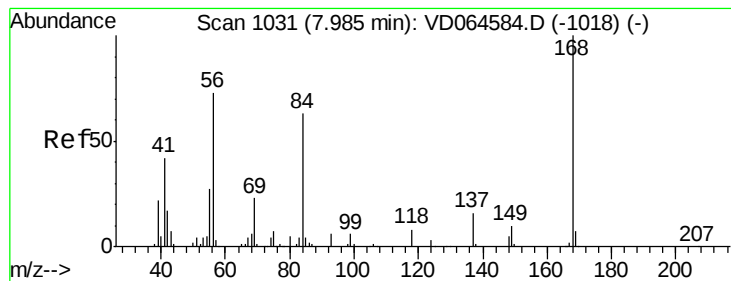
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#30
Chloroform
Concen: 61.022 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.1	76.7





#31

Cyclohexane

Concen: 45.111 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

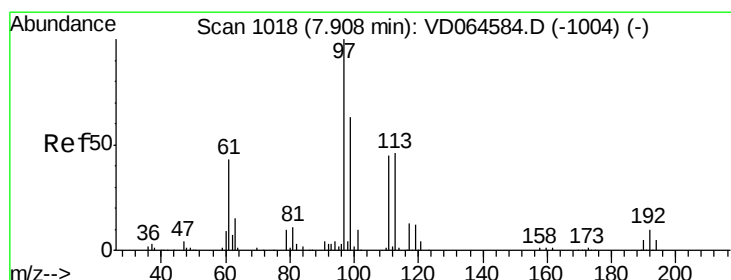
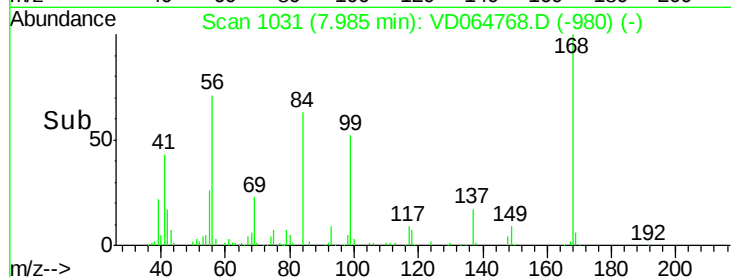
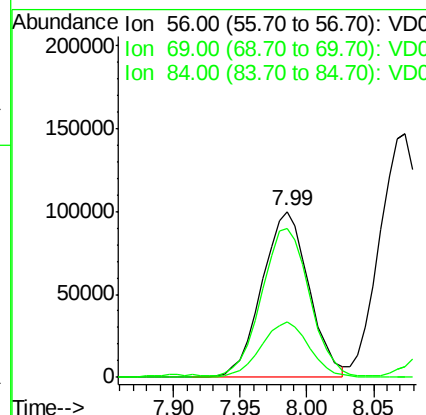
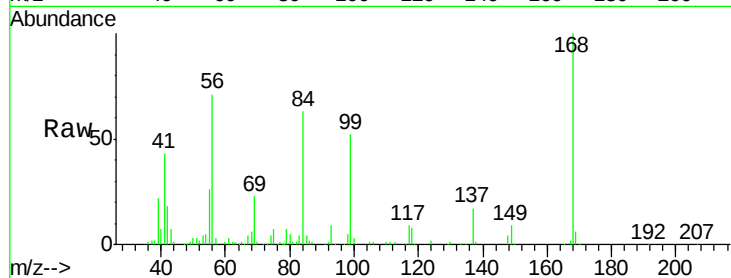
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	244014
Ion Ratio	Lower	Upper	
56	100		
69	33.1	24.7	37.1
84	87.8	69.4	104.2

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#32

1,1,1-Trichloroethane

Concen: 55.646 ug/l

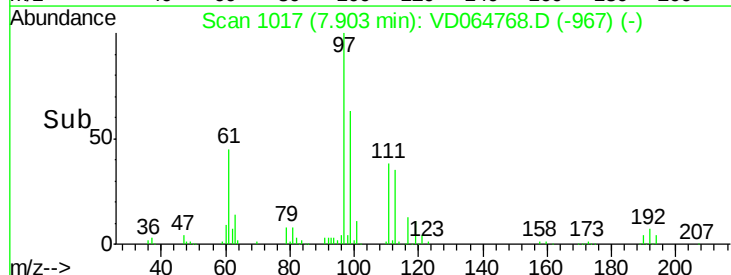
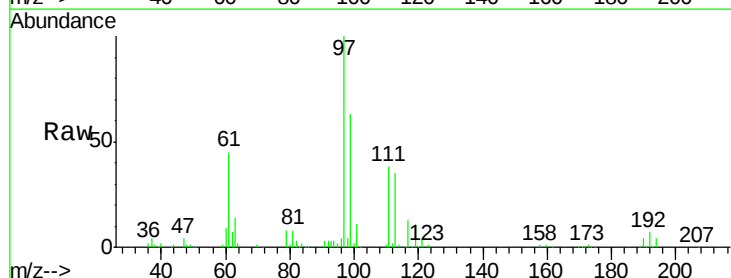
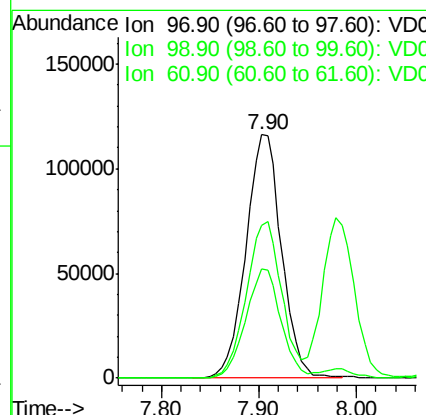
RT: 7.90 min Scan# 1017

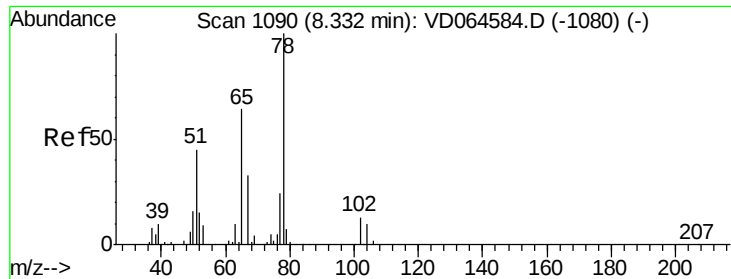
Delta R.T. -0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Tgt Ion:	97	Resp:	296325
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.0	76.6
61	44.5	35.4	53.0





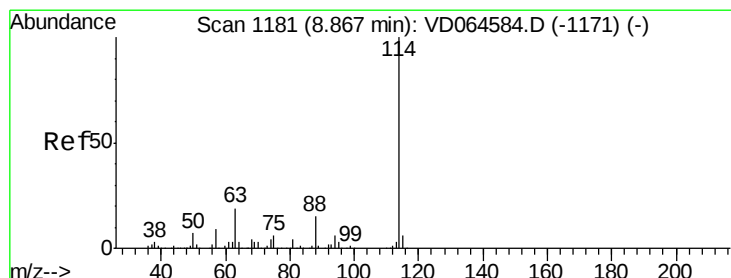
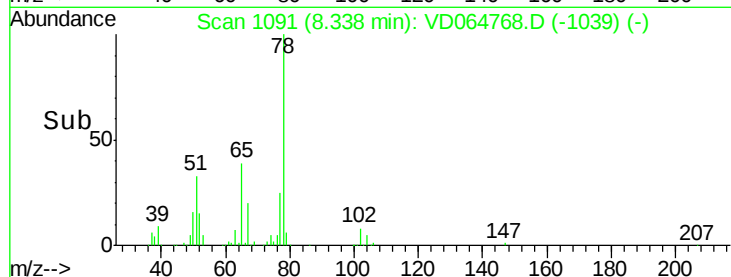
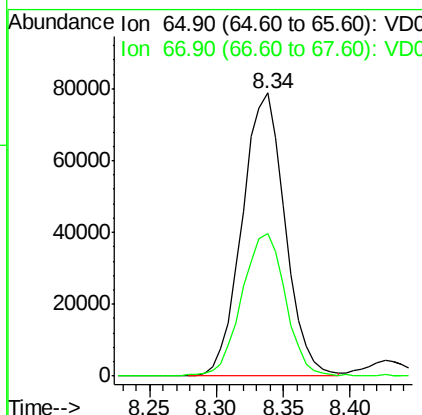
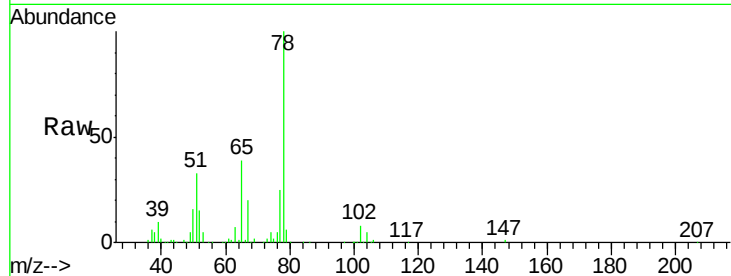
#33
 1,2-Dichloroethane-d4
 Concen: 60.333 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	175032		
67	51.4	0.0	106.2	

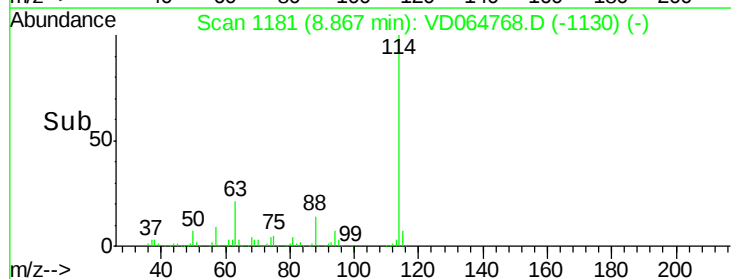
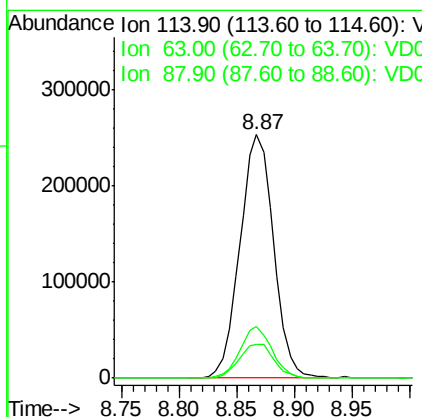
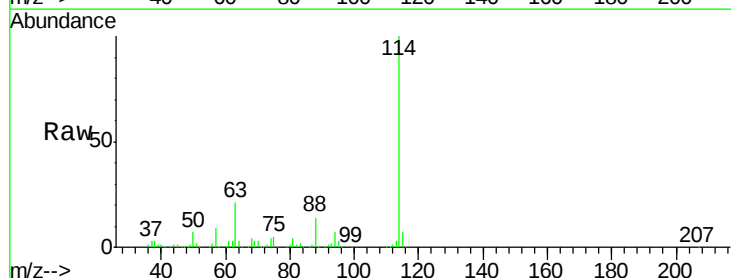
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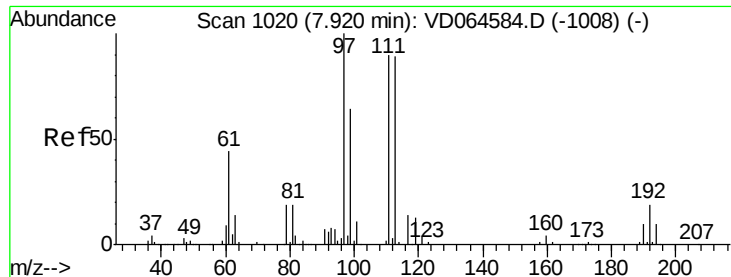
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	513549		
63	21.0	0.0	38.0	
88	13.9	0.0	29.2	





#35

Dibromofluoromethane

Concen: 54.063 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

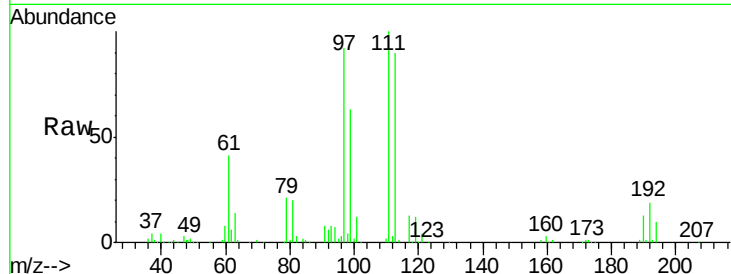
ClientSampleId :

VSTDCCC050EC

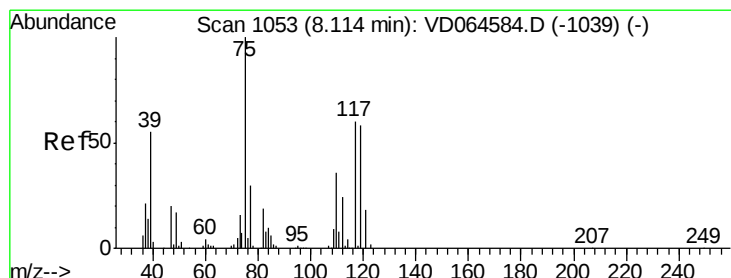
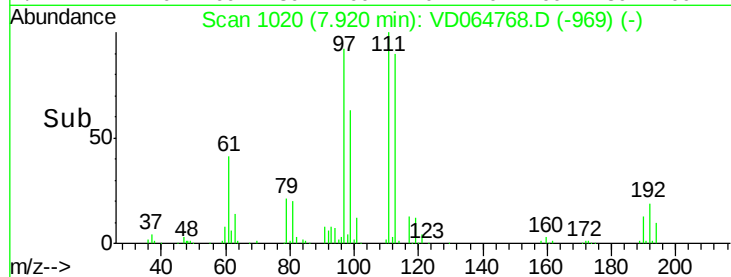
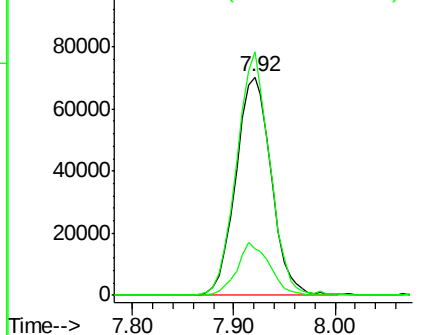
Tgt Ion:	113	Resp:	170336
Ion Ratio	Lower	Upper	
113	100		
111	104.9	80.6	121.0
192	22.1	17.9	26.9

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.360 ug/l

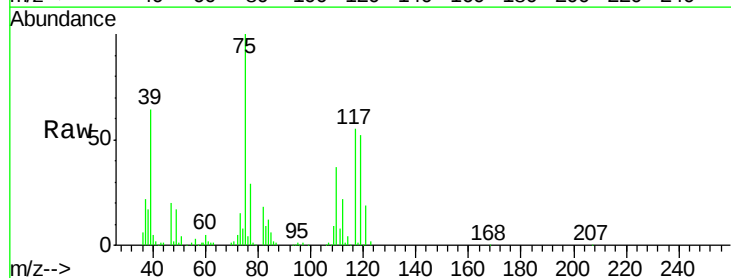
RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

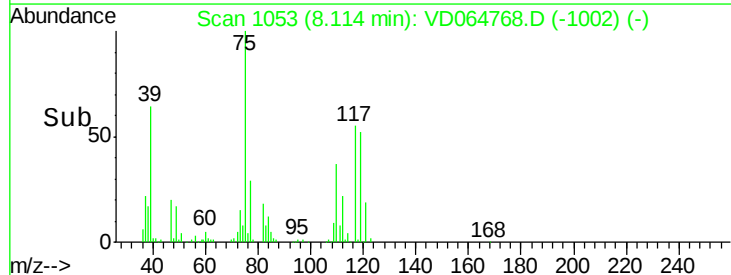
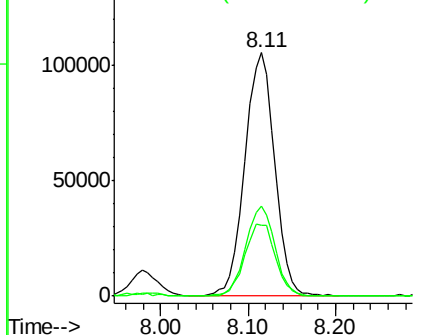
Lab File: VD064768.D

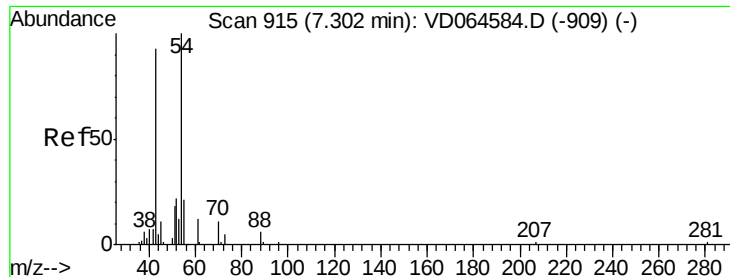
Acq: 04 Jan 2020 08:47

Tgt Ion:	75	Resp:	243982
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.1
77	30.7	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





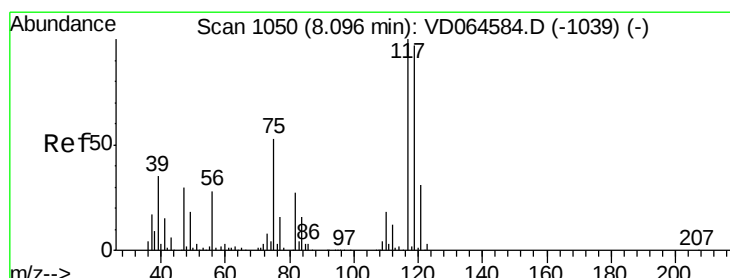
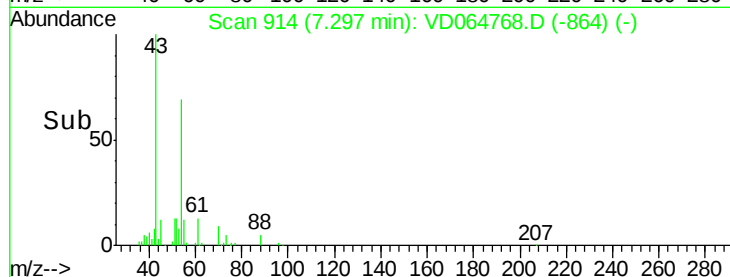
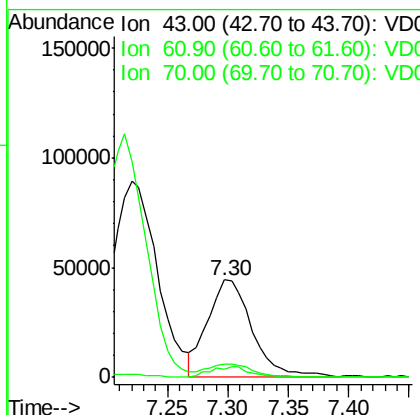
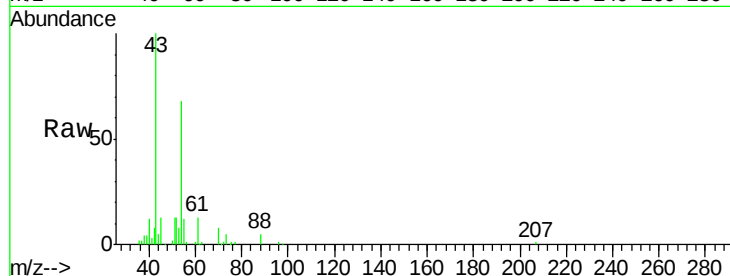
#37
Ethyl Acetate
Concen: 57.143 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.3	15.5
70	10.4	7.6	11.4

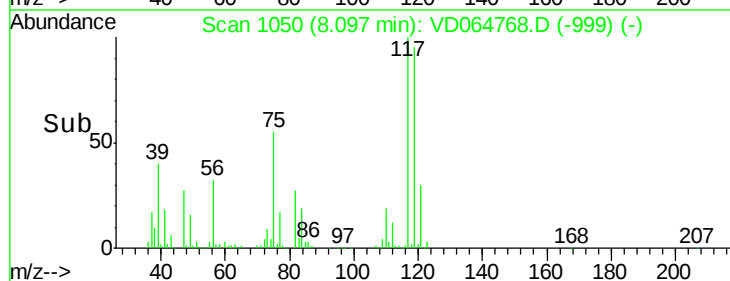
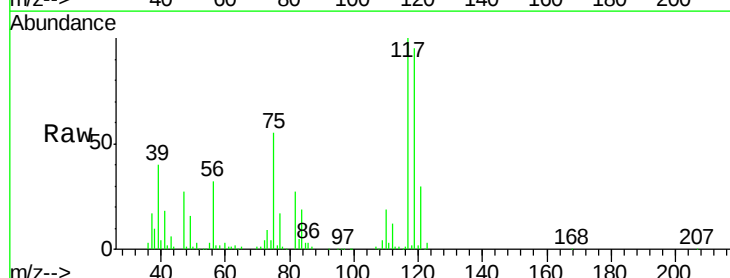
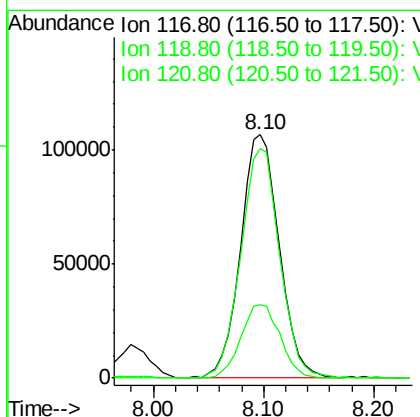
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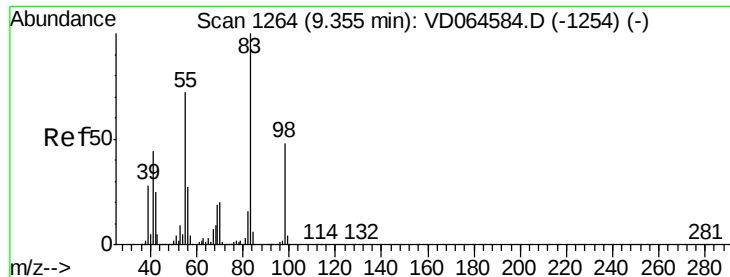
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#38
Carbon Tetrachloride
Concen: 49.598 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.3	115.9
121	30.0	25.0	37.6





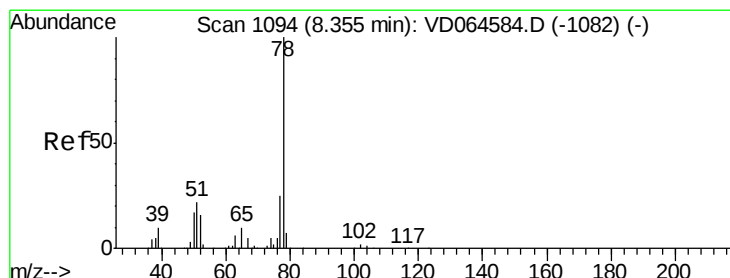
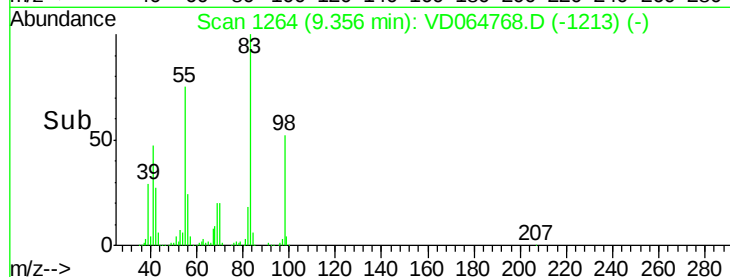
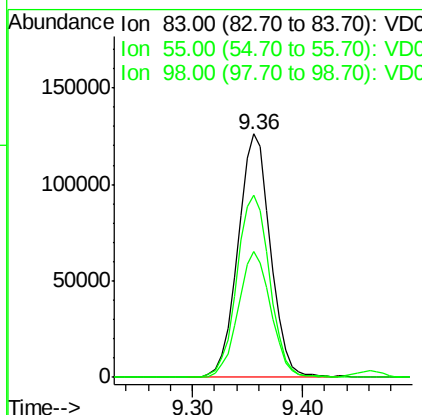
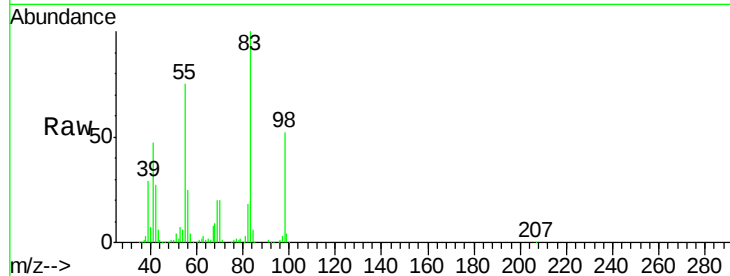
#39
Methylcyclohexane
Concen: 43.540 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.8	57.8	86.6
98	51.8	38.7	58.1

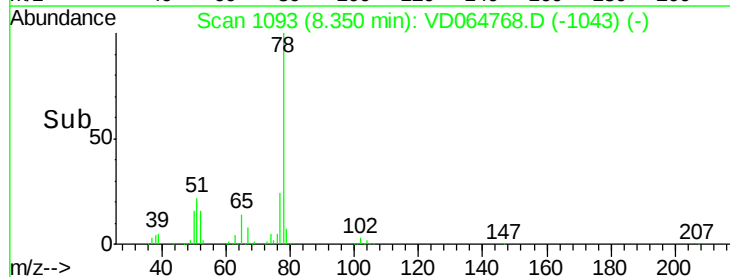
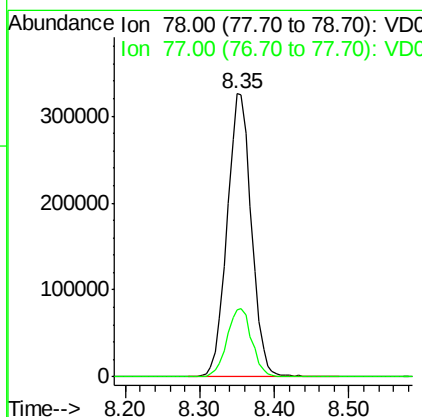
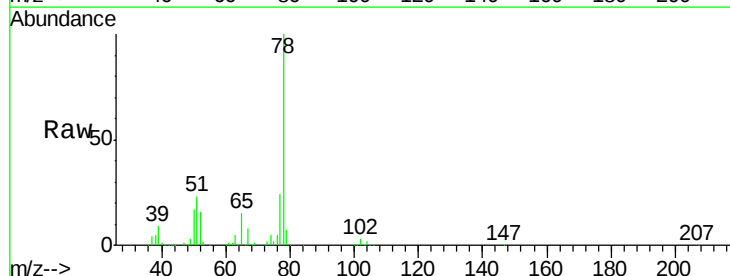
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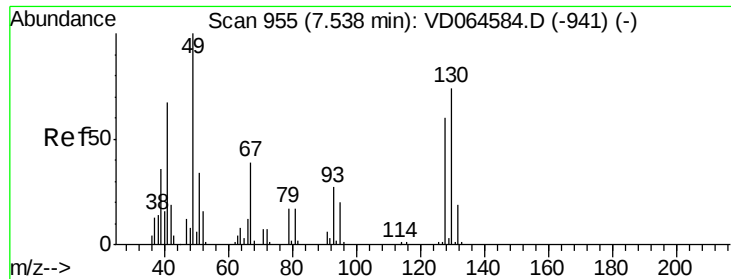
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#40
Benzene
Concen: 54.660 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.9	29.9





#41

Methacrylonitrile

Concen: 56.840 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. -0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 64039
Ion Ratio Lower Upper

41 100

39 0.0 46.7 70.1#

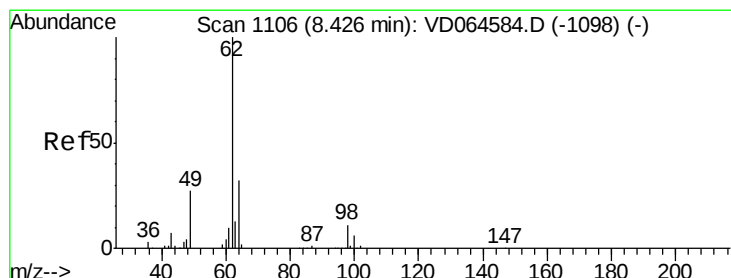
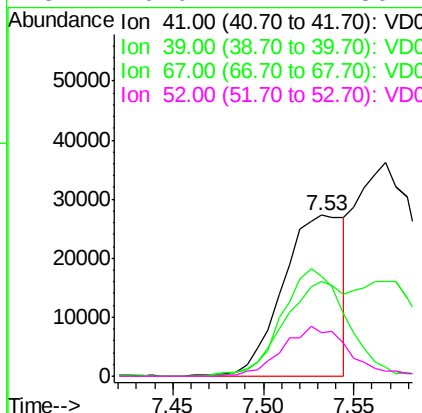
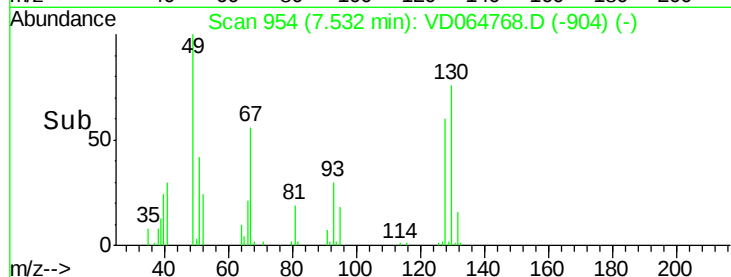
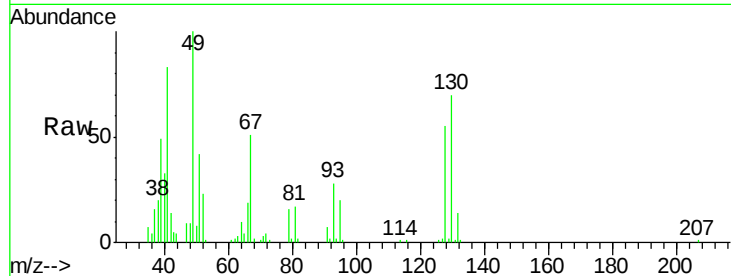
67 0.0 52.5 78.7#

52 0.0 24.1 36.1#

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#42

1,2-Dichloroethane

Concen: 57.652 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

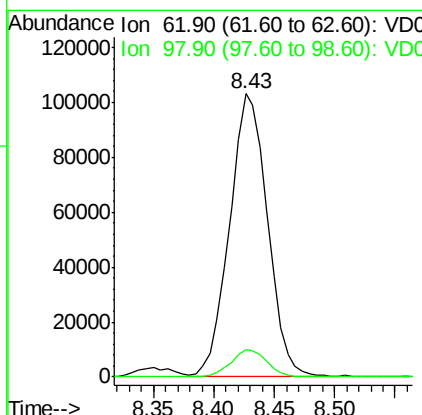
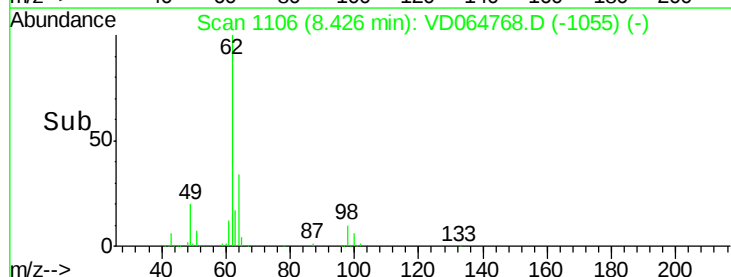
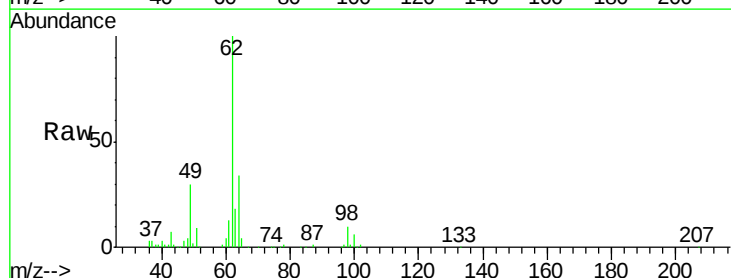
Lab File: VD064768.D

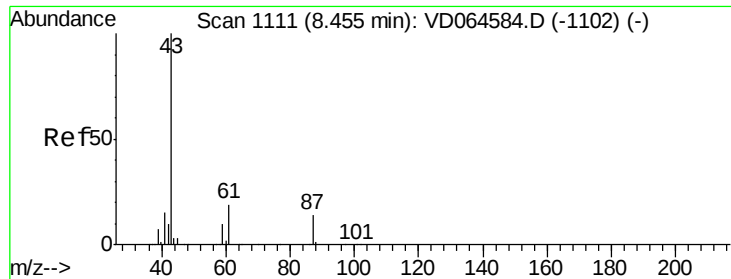
Acq: 04 Jan 2020 08:47

Tgt Ion: 62 Resp: 224803
Ion Ratio Lower Upper

62 100

98 9.2 0.0 20.0





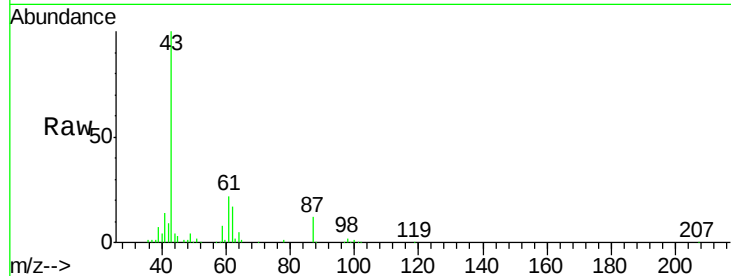
#43
Isopropyl Acetate
Concen: 56.407 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

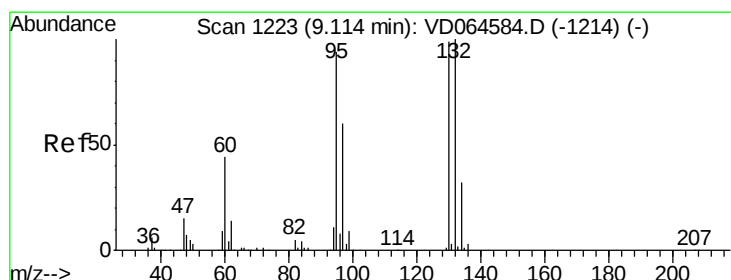
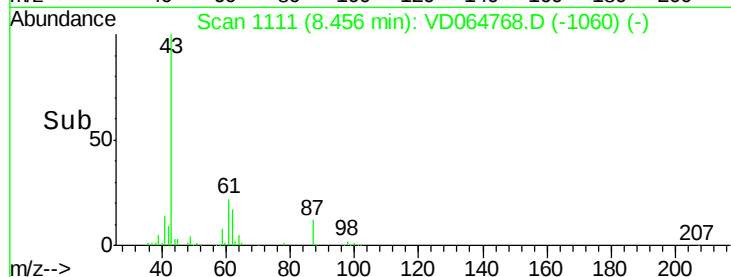
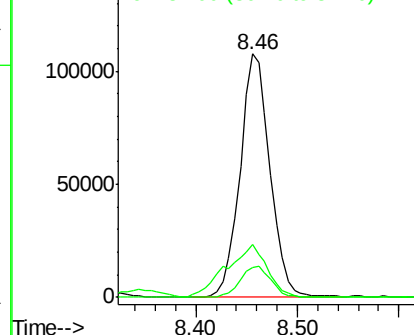
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.7	35.5
87	13.3	10.5	15.7

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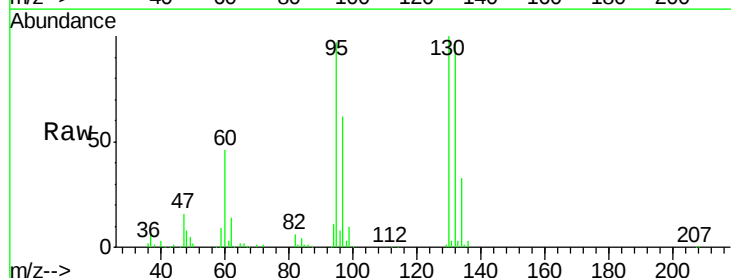


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

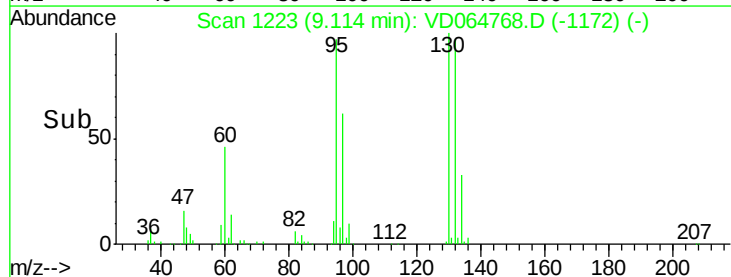
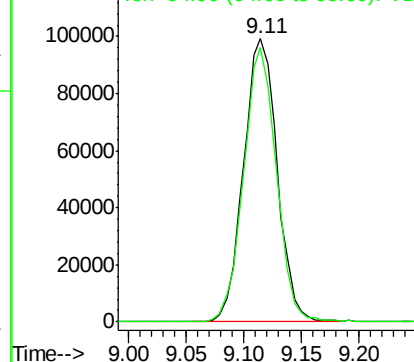


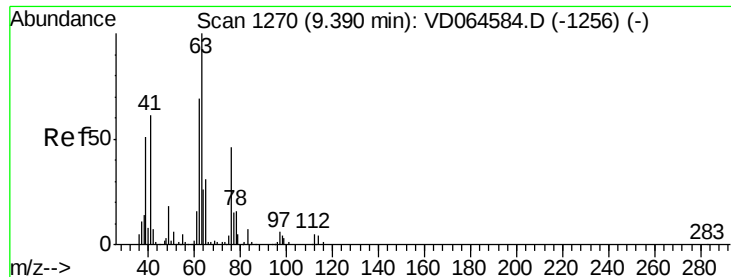
#44
Trichloroethene
Concen: 50.796 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	190.2



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





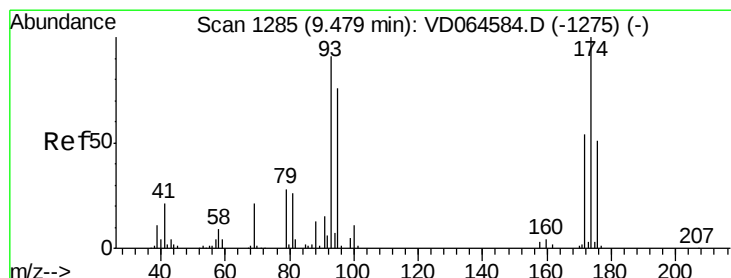
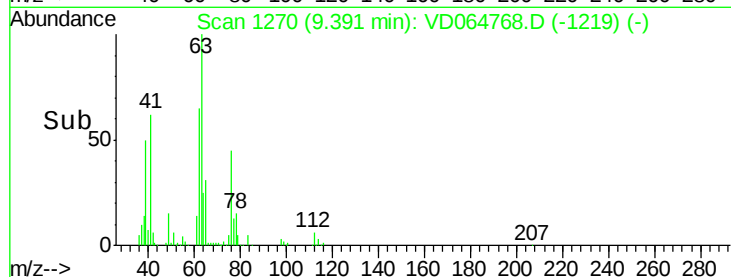
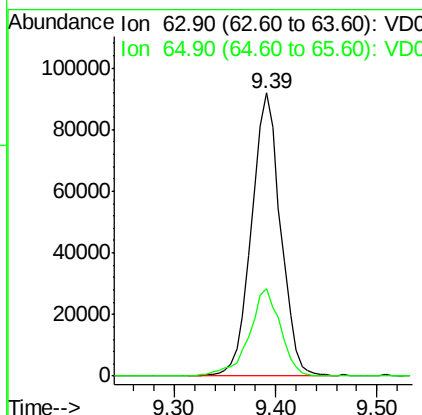
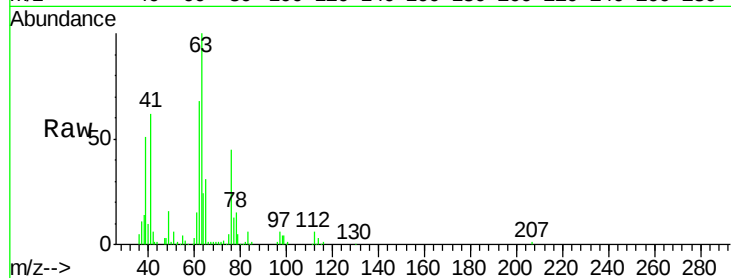
#45
 1,2-Dichloropropane
 Concen: 56.797 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 182987
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.2 37.8

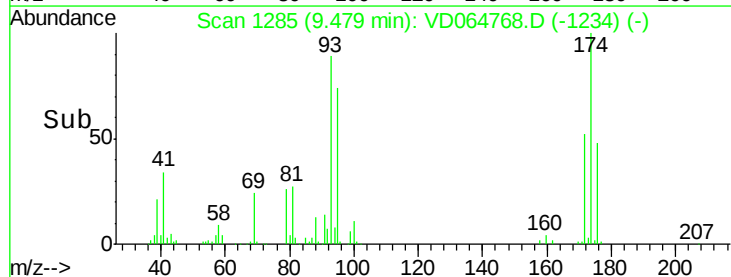
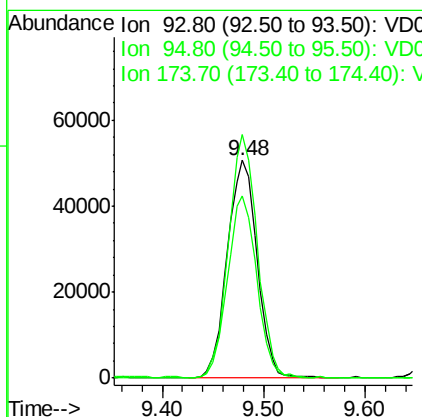
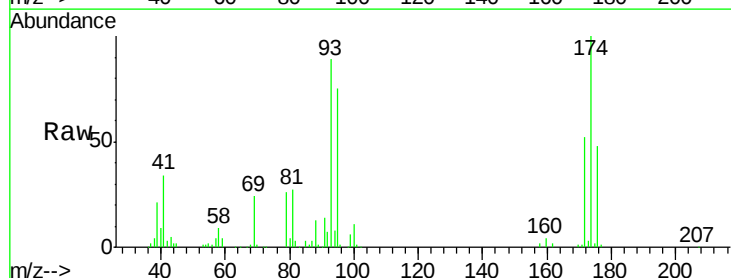
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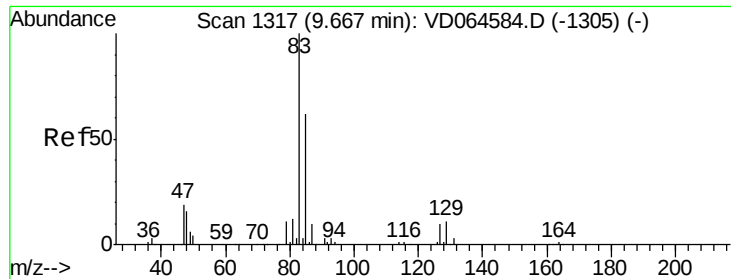
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#46
 Dibromomethane
 Concen: 57.610 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion: 93 Resp: 103481
 Ion Ratio Lower Upper
 93 100
 95 82.1 64.6 97.0
 174 108.4 88.1 132.1





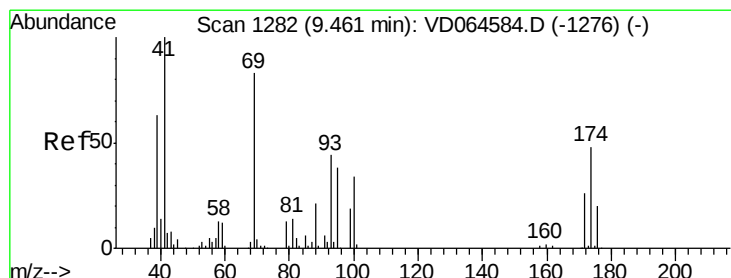
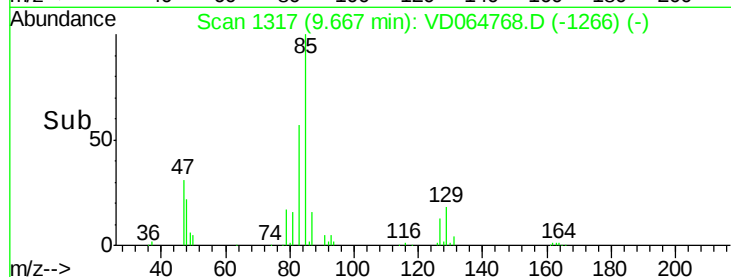
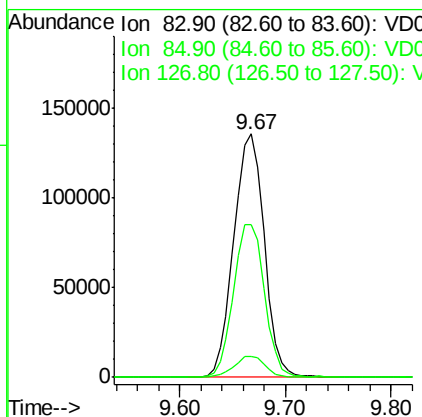
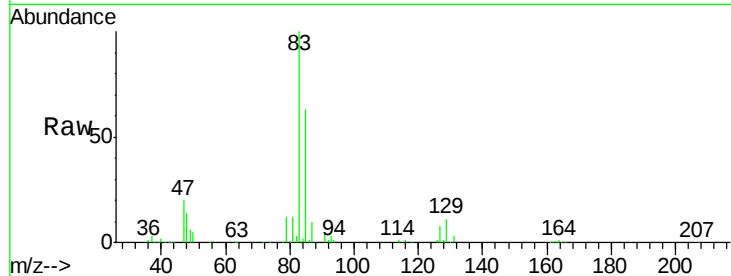
#47
Bromodichloromethane
Concen: 56.992 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.5	74.3
127	8.5	7.8	11.6

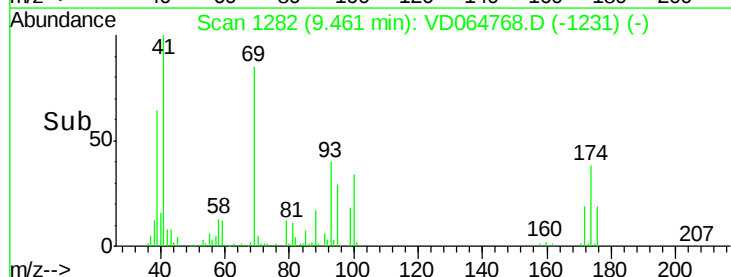
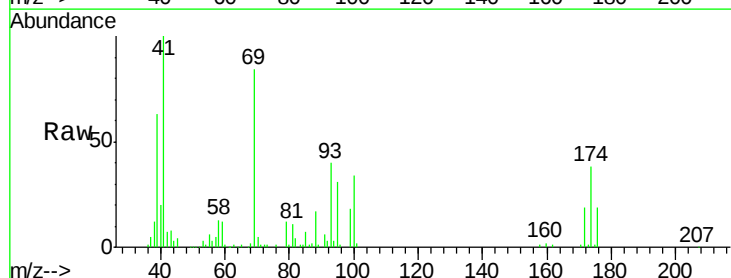
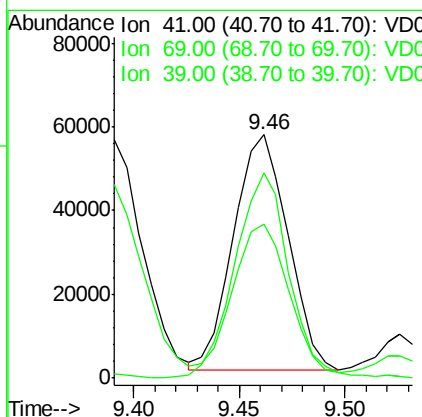
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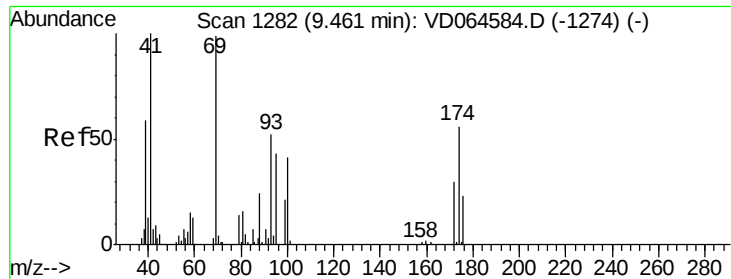
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#48
Methyl methacrylate
Concen: 55.083 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.1	63.0	94.6
39	68.7	47.4	71.2





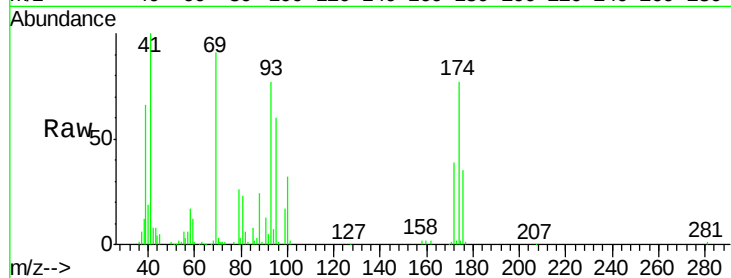
#49
1,4-Dioxane
Concen: 1159.140 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

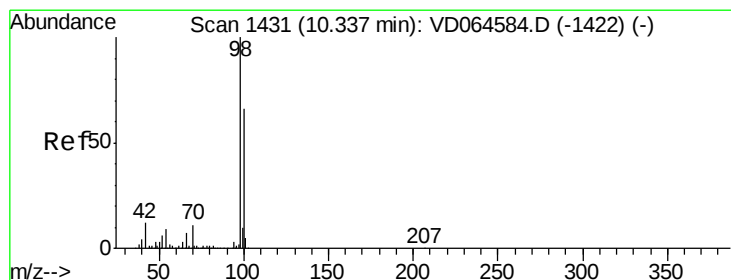
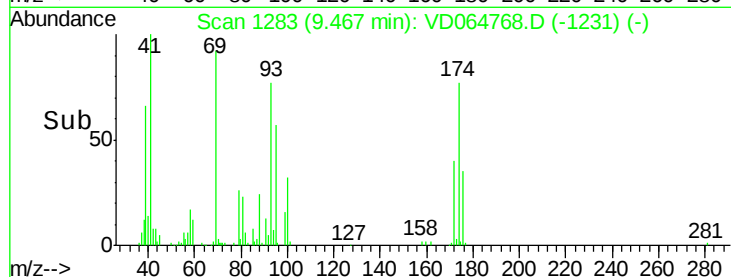
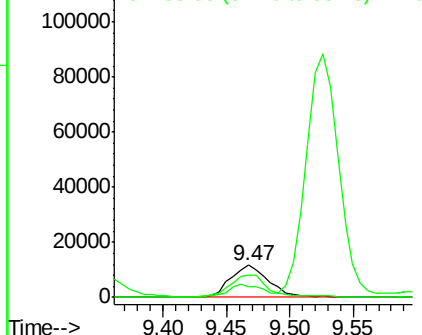
Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.7	27.7	41.5
58	70.3	53.8	80.6

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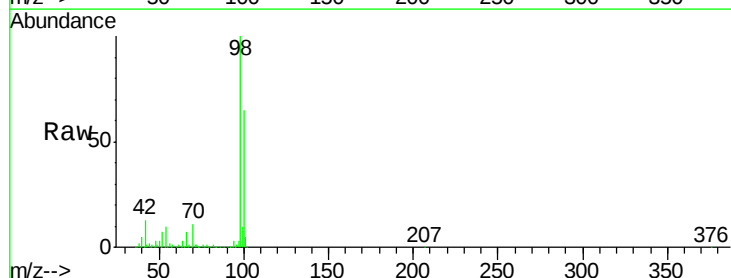


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

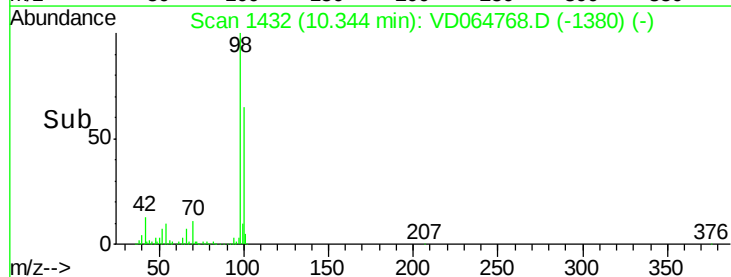
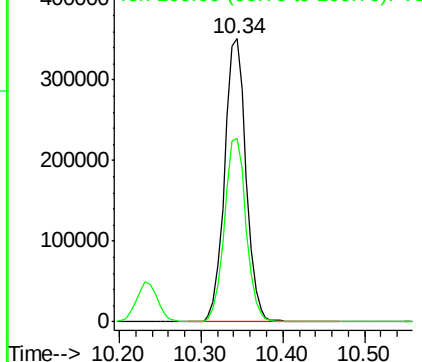


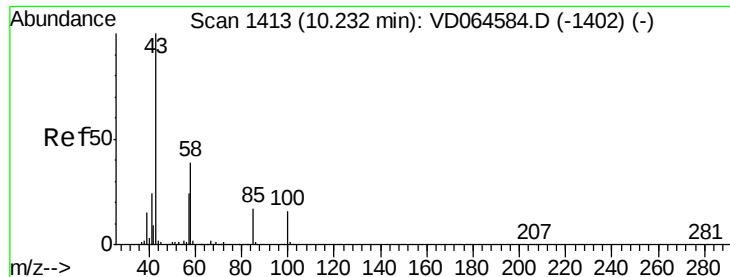
#50
Toluene-d8
Concen: 53.277 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 289.673 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 553392

Ion Ratio Lower Upper

43 100

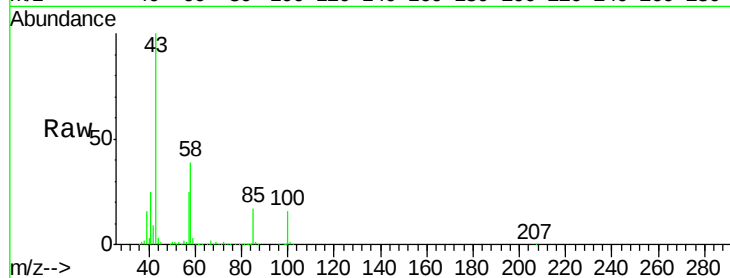
58 38.1 30.2 45.2

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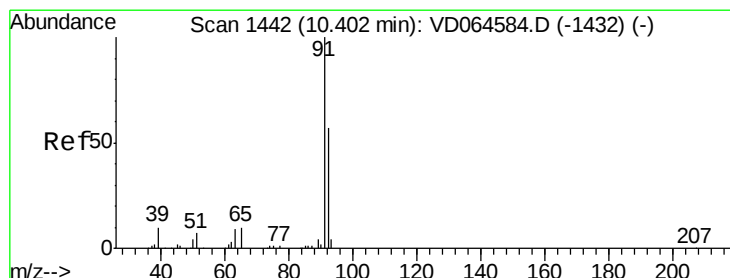
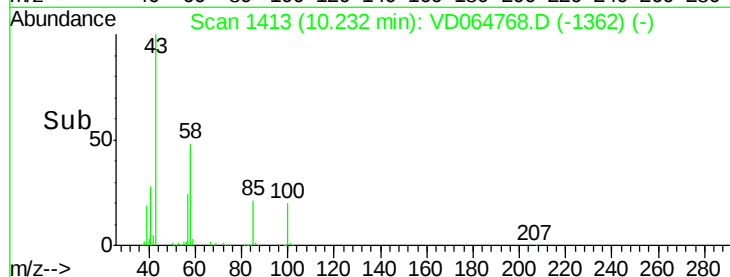
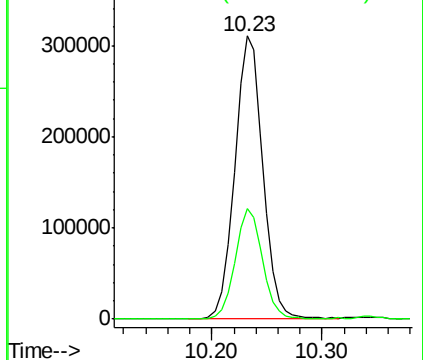
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 54.197 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD064768.D

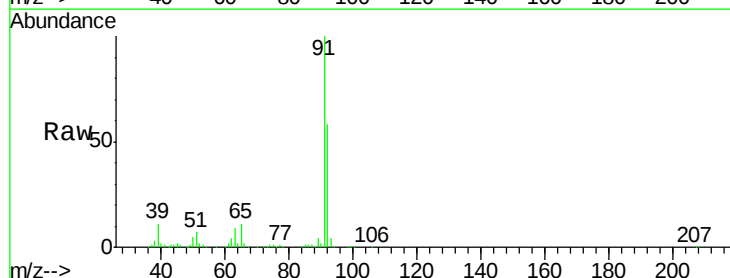
Acq: 04 Jan 2020 08:47

Tgt Ion: 92 Resp: 479793

Ion Ratio Lower Upper

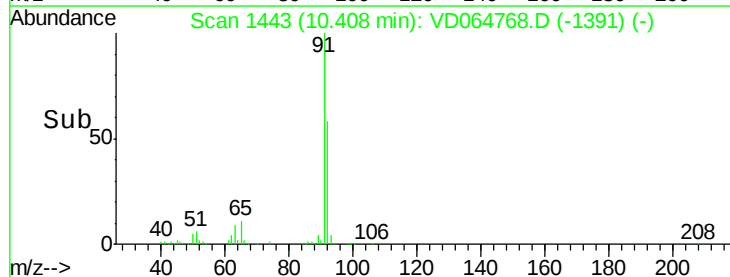
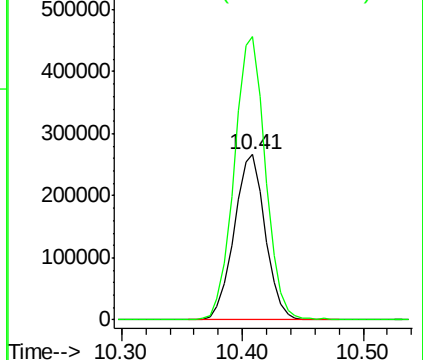
92 100

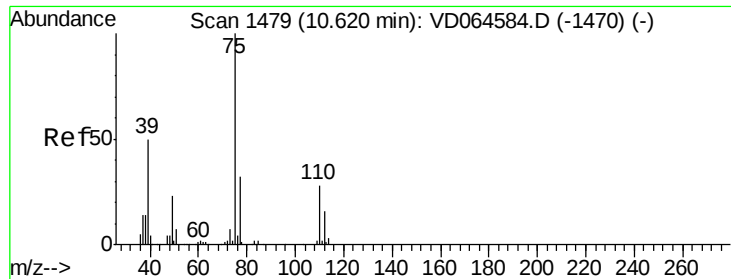
91 171.8 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





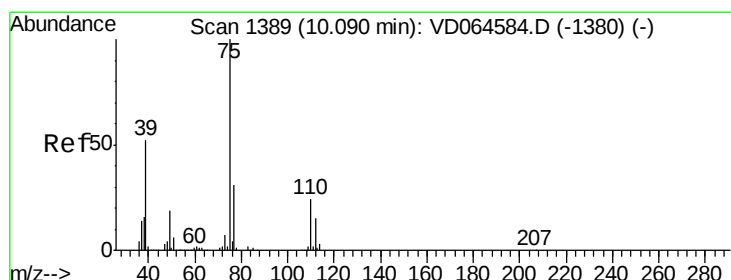
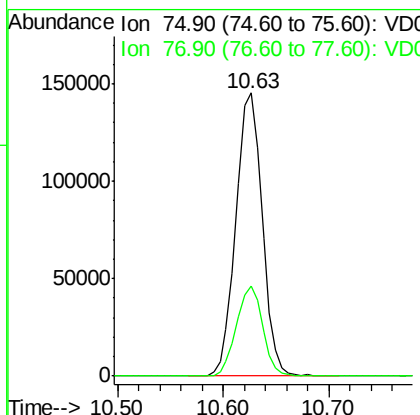
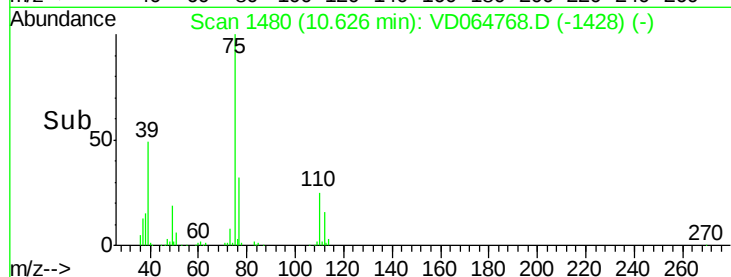
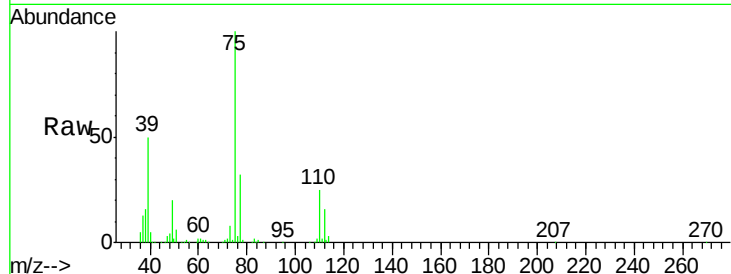
#53
t-1,3-Dichloropropene
Concen: 56.518 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 251857
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

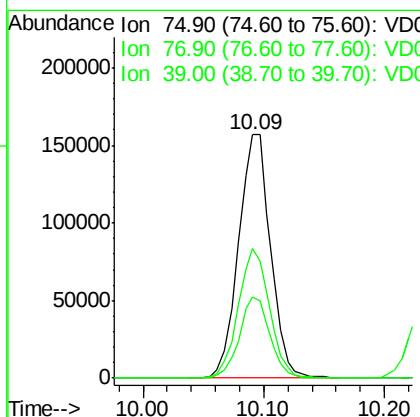
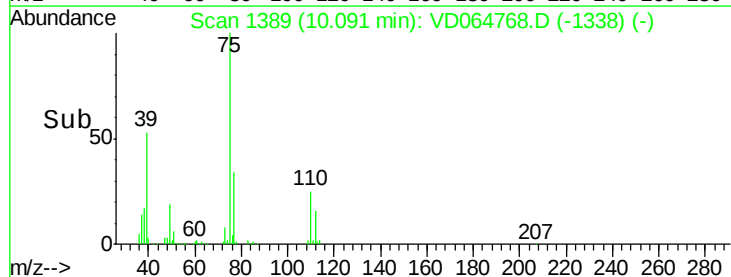
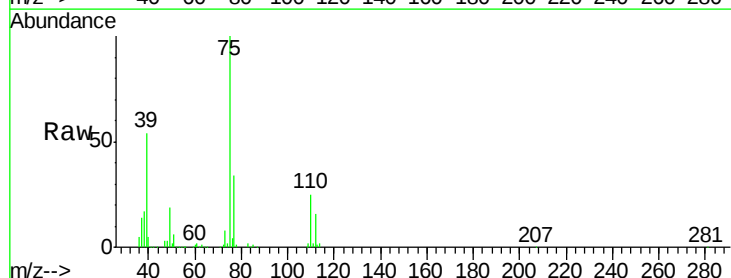
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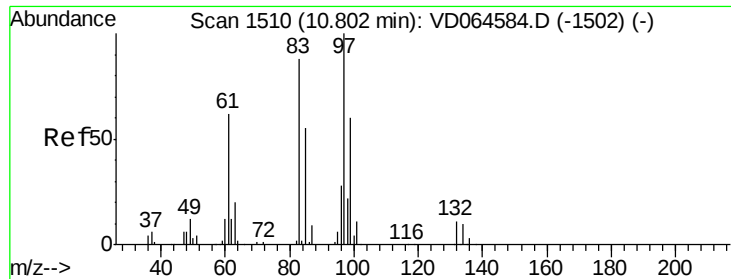
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#54
cis-1,3-Dichloropropene
Concen: 55.382 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion: 75 Resp: 291009
Ion Ratio Lower Upper
75 100
77 33.5 24.6 36.8
39 53.4 41.4 62.2





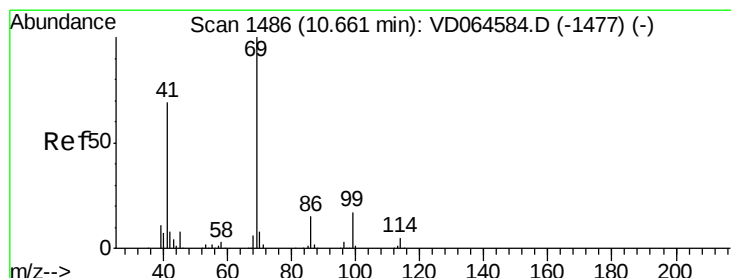
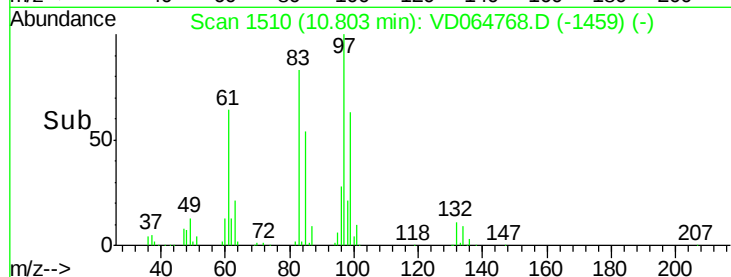
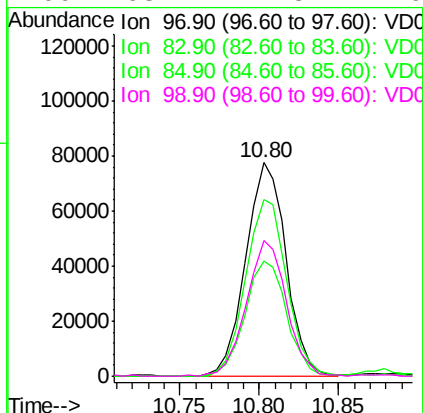
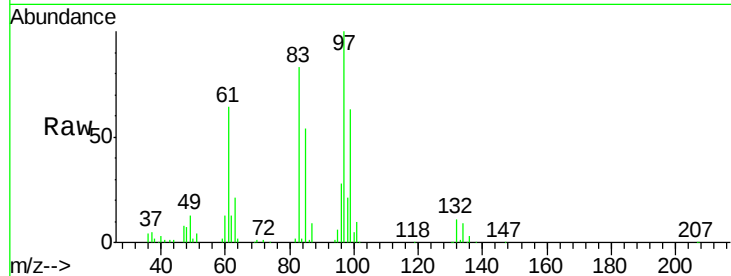
#55
 1,1,2-Trichloroethane
 Concen: 56.613 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	137046		
83	82.7	70.2	105.4	
85	54.2	44.0	66.0	
99	63.2	47.8	71.6	

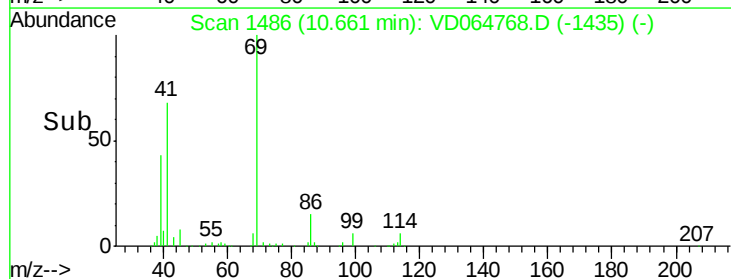
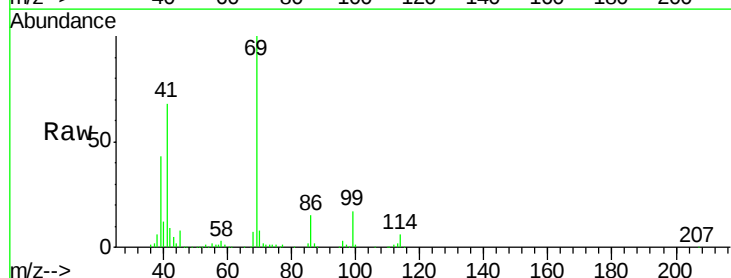
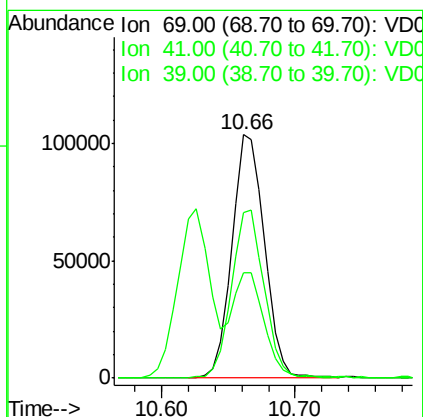
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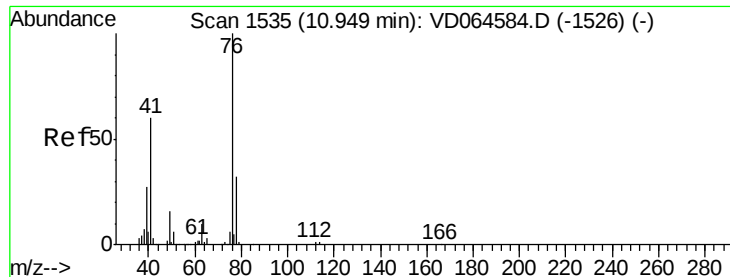
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#56
 Ethyl methacrylate
 Concen: 58.221 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	176015		
41	69.8	55.3	82.9	
39	42.5	33.8	50.8	





#57

1,3-Dichloropropane

Concen: 57.570 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 239955

Ion Ratio Lower Upper

76 100

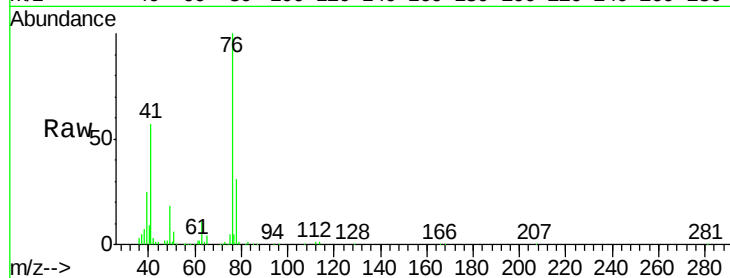
78 31.9 26.2 39.4

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

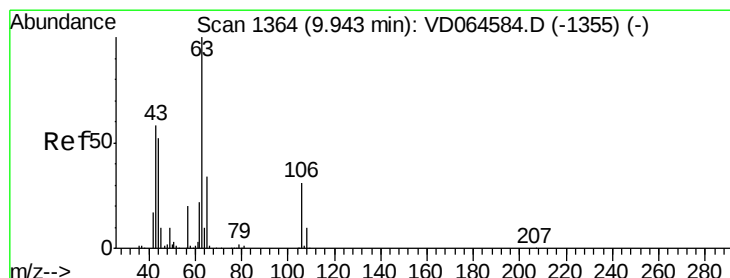
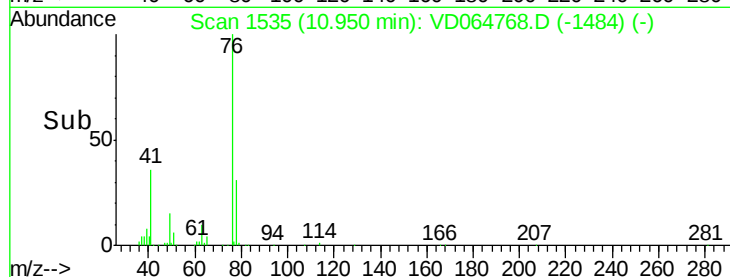
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 269.302 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD064768.D

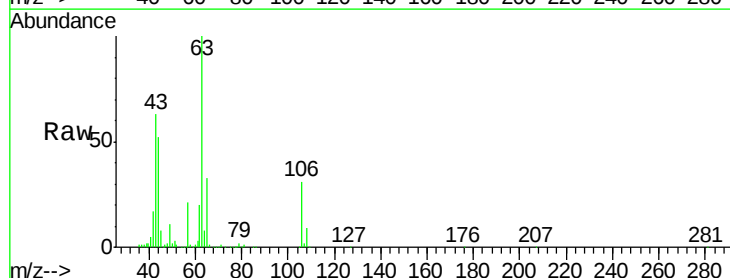
Acq: 04 Jan 2020 08:47

Tgt Ion: 63 Resp: 310186

Ion Ratio Lower Upper

63 100

106 30.8 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

200000

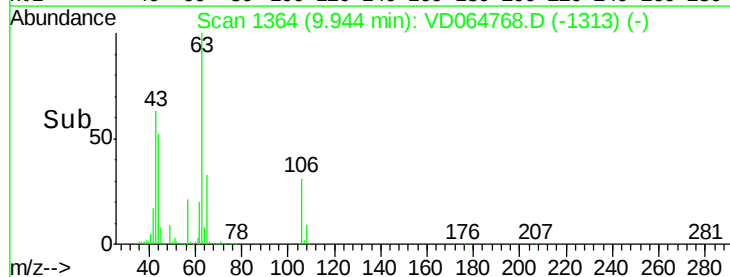
150000

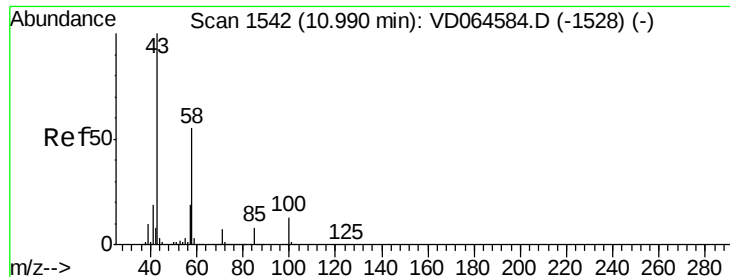
100000

50000

0

Time-->





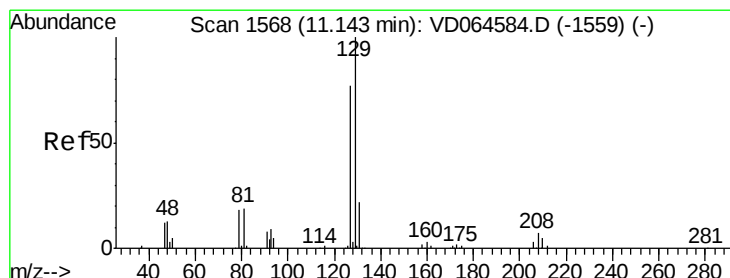
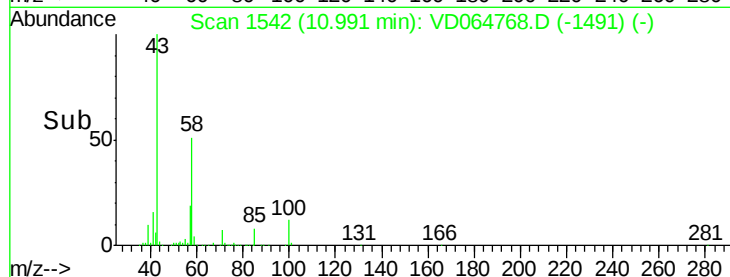
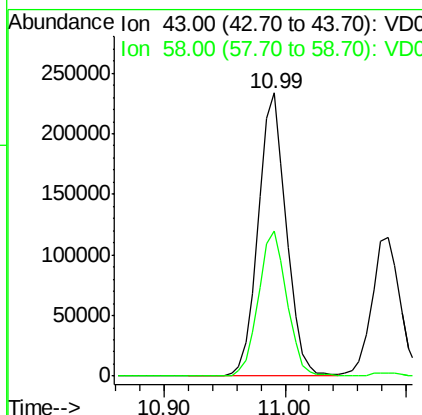
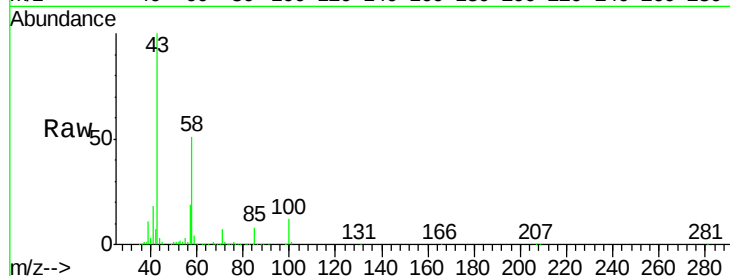
#59
2-Hexanone
Concen: 290.704 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 376935
Ion Ratio Lower Upper
43 100
58 52.0 26.4 79.0

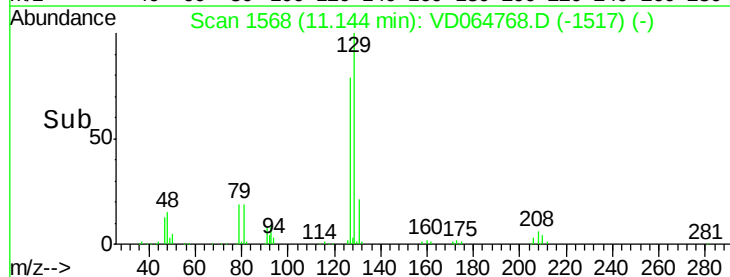
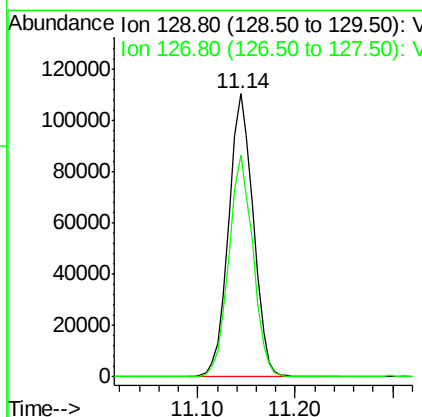
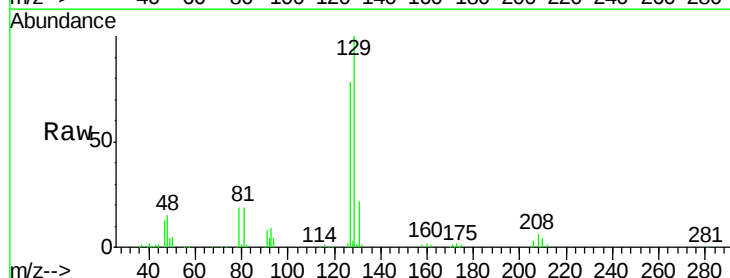
Manual Integrations
APPROVED

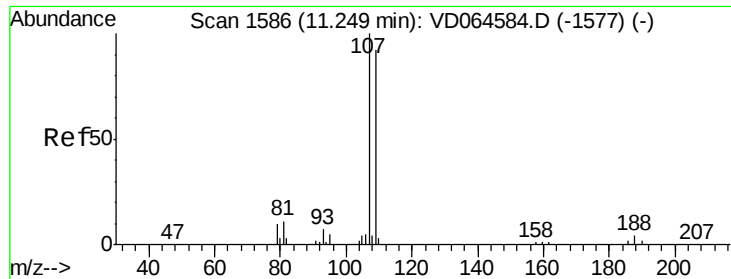
apatel
1/6/2020 10:50:21 AM



#60
Dibromochloromethane
Concen: 58.022 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion: 129 Resp: 194234
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





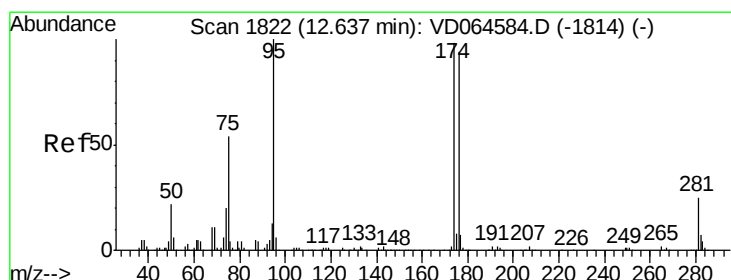
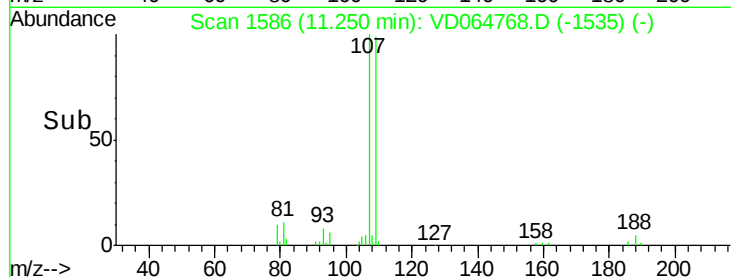
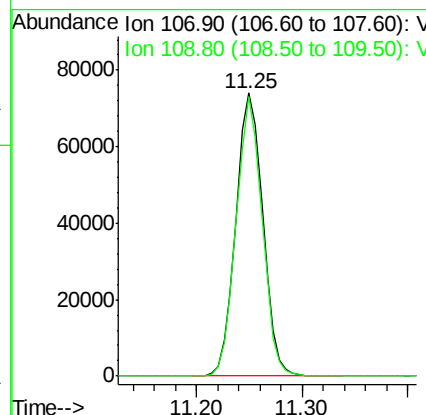
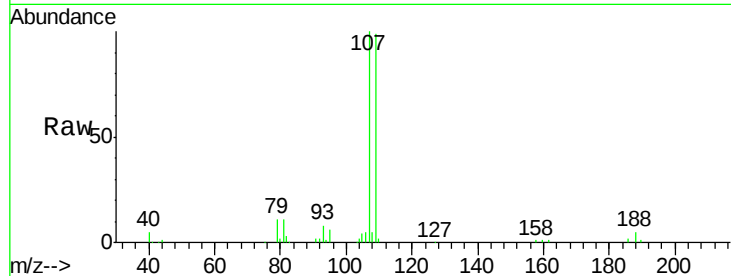
#61
 1,2-Dibromoethane
 Concen: 54.669 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 130530
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4

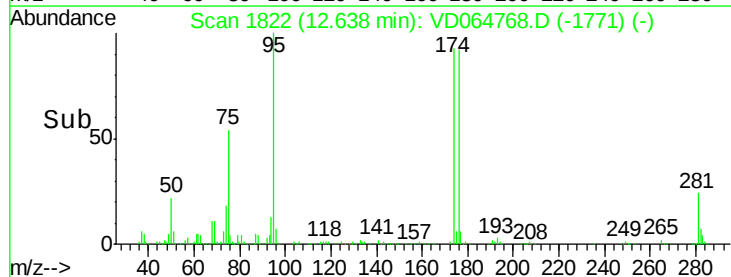
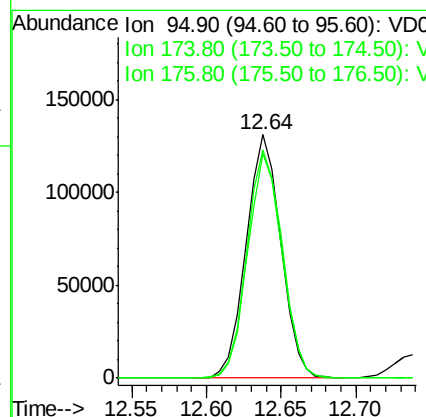
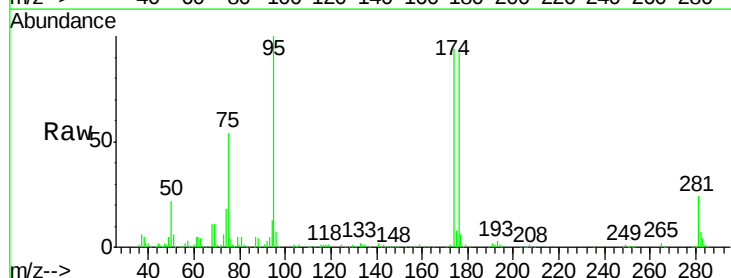
Manual Integrations
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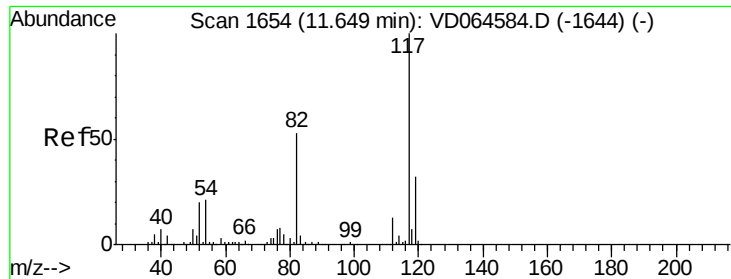
apatel
 1/6/2020 10:50:21 AM



#62
 4-Bromofluorobenzene
 Concen: 55.135 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion: 95 Resp: 210379
 Ion Ratio Lower Upper
 95 100
 174 95.6 0.0 193.2
 176 91.5 0.0 184.2





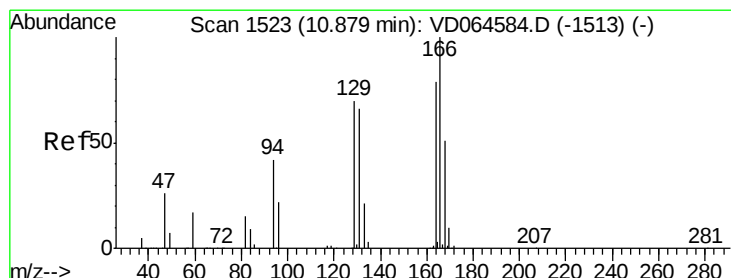
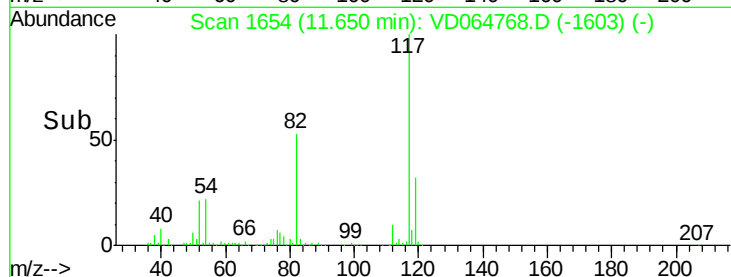
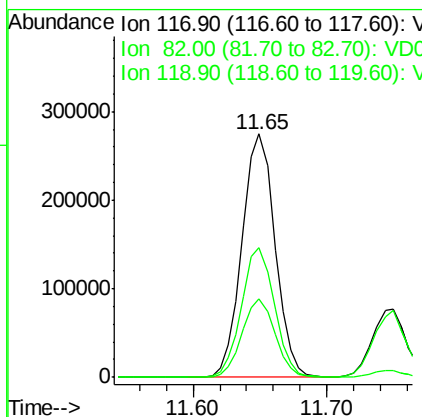
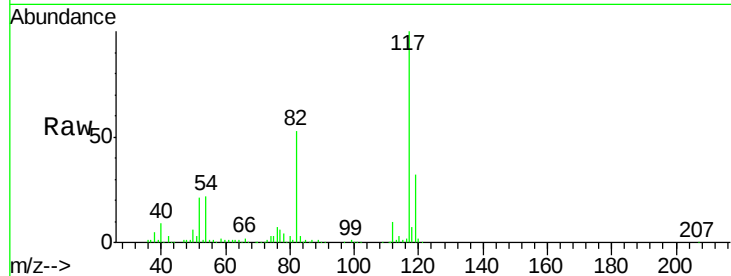
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	32.1	26.0	39.0

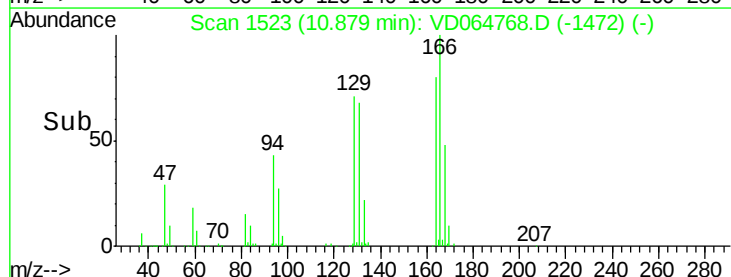
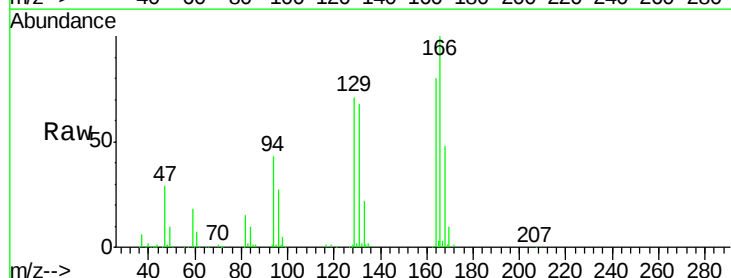
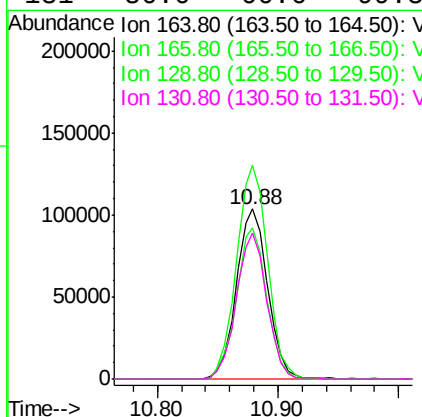
Manual Integrations
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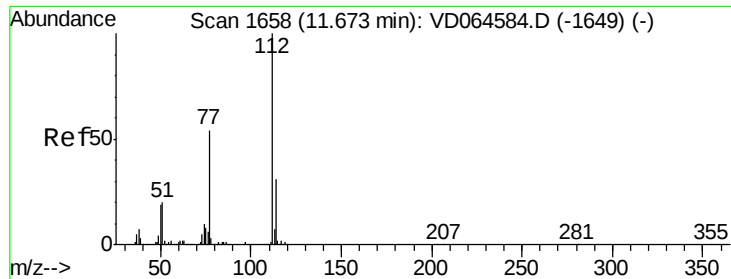
apatel
1/6/2020 10:50:21 AM



#64
Tetrachloroethene
Concen: 51.609 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.3	151.9
129	89.1	70.5	105.7
131	86.0	66.6	99.8





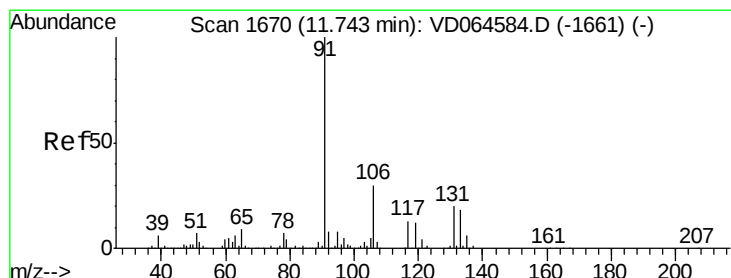
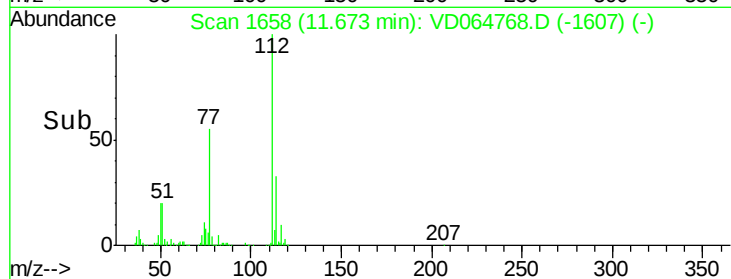
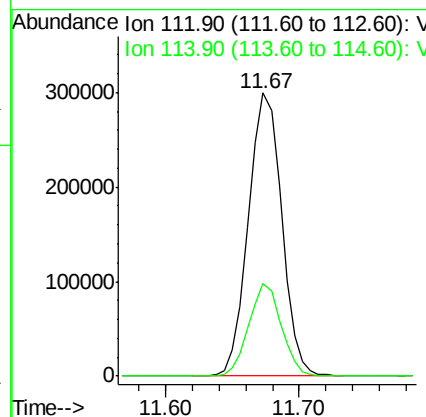
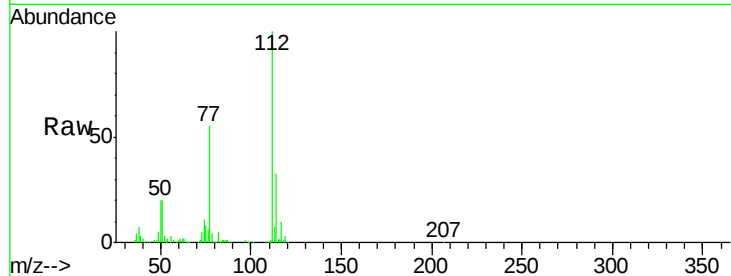
#65
Chlorobenzene
Concen: 52.872 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 517588
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2

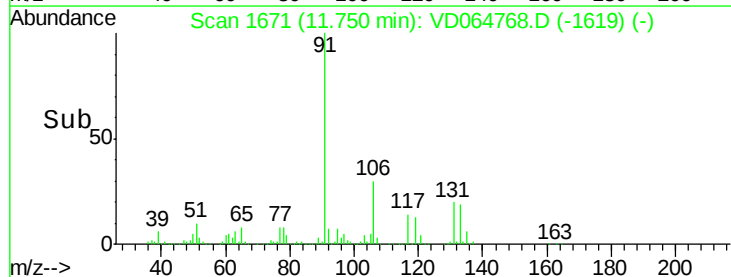
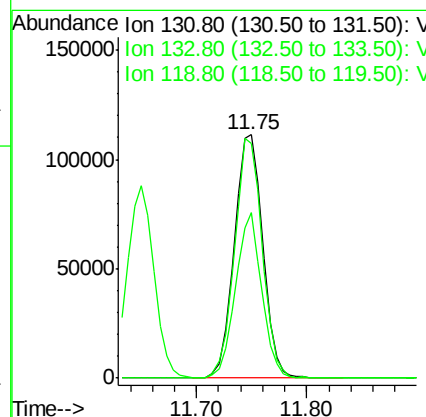
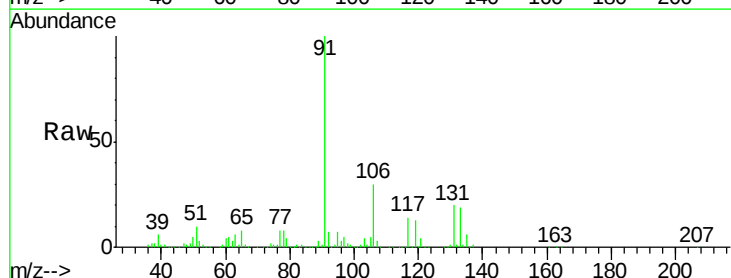
Manual Integrations
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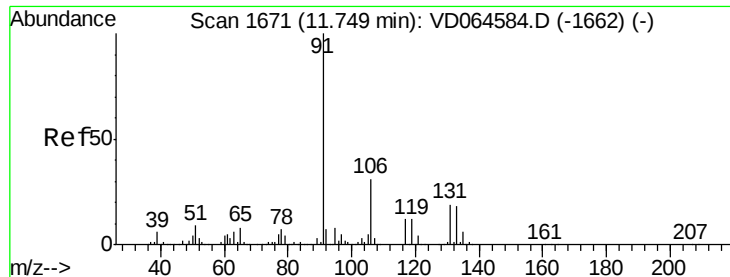
apatel
1/6/2020 10:50:21 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.709 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion:131 Resp: 201902
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.8
119 62.9 32.1 96.3





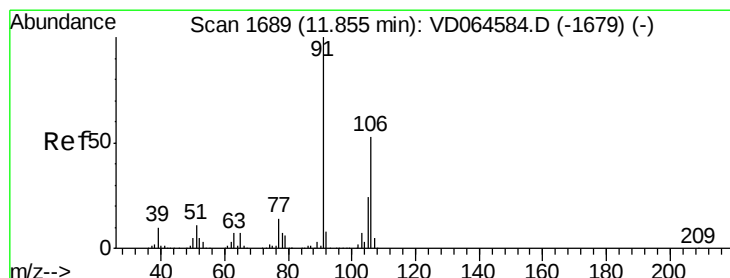
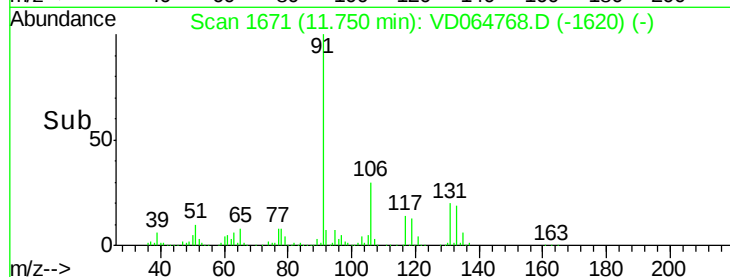
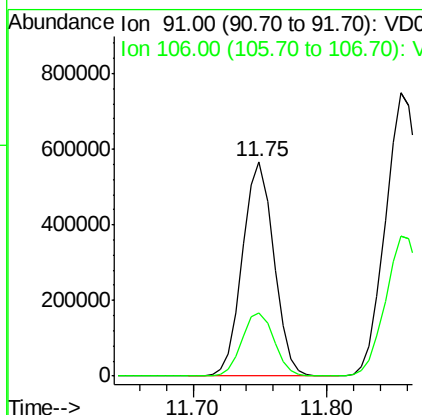
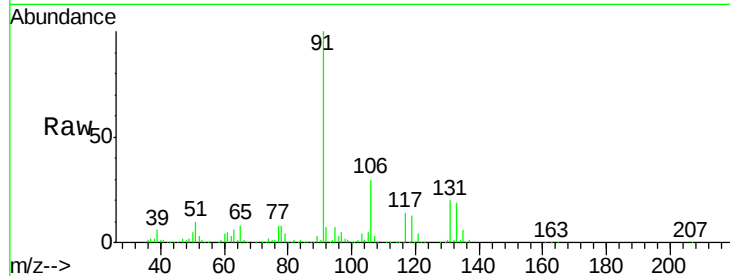
#67
Ethyl Benzene
Concen: 51.944 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 922971
Ion Ratio Lower Upper
91 100
106 29.8 24.6 36.8

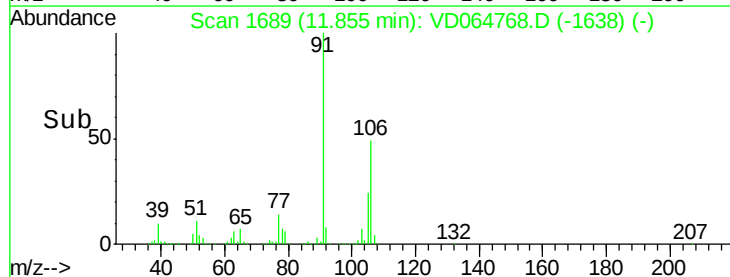
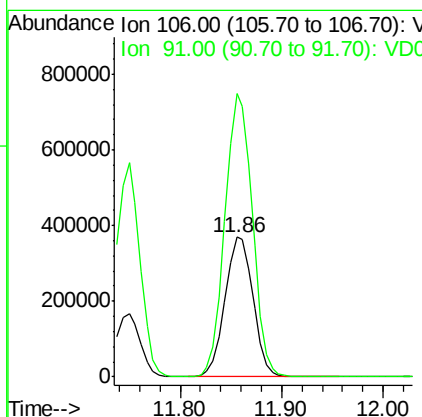
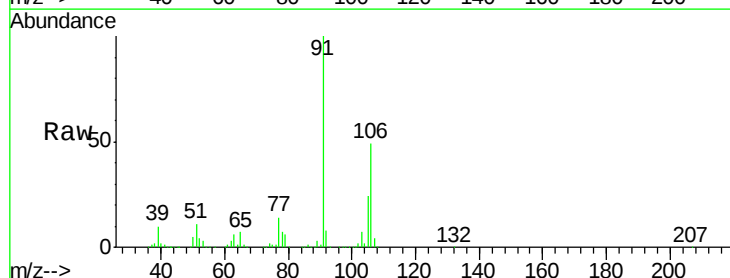
Manual Integrations
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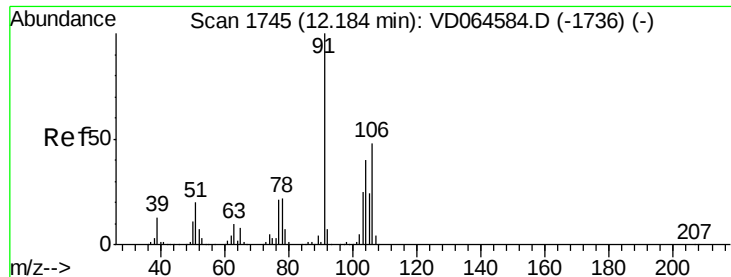
apatel
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#68
m/p-Xylenes
Concen: 103.325 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion: 106 Resp: 708629
Ion Ratio Lower Upper
106 100
91 198.5 156.3 234.5





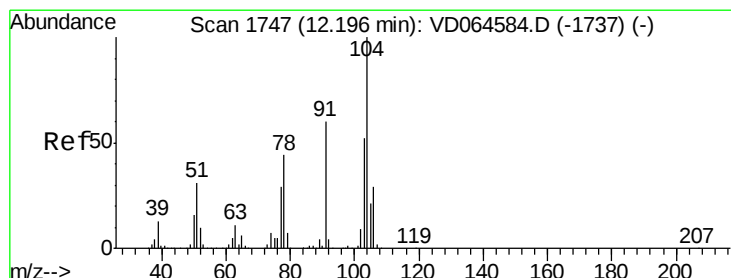
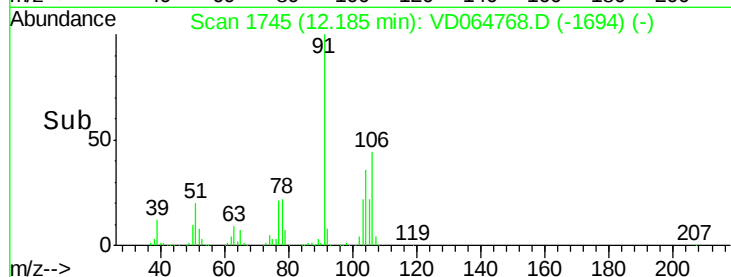
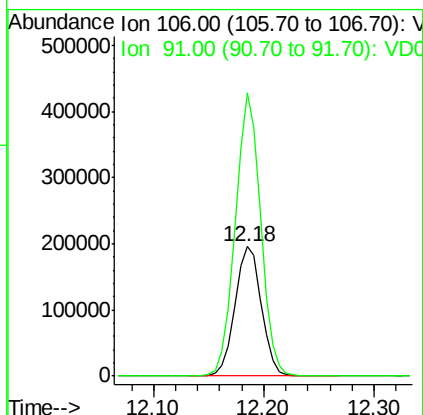
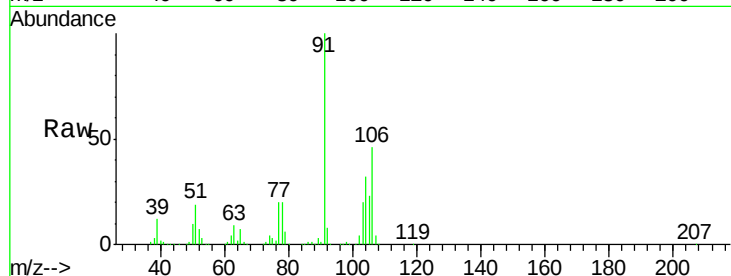
#69
o-Xylene
Concen: 53.106 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 328978
Ion Ratio Lower Upper
106 100
91 210.0 104.8 314.4

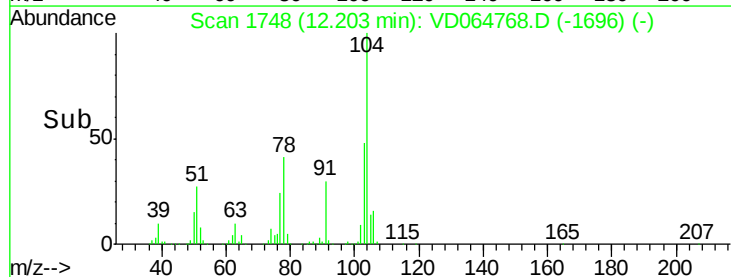
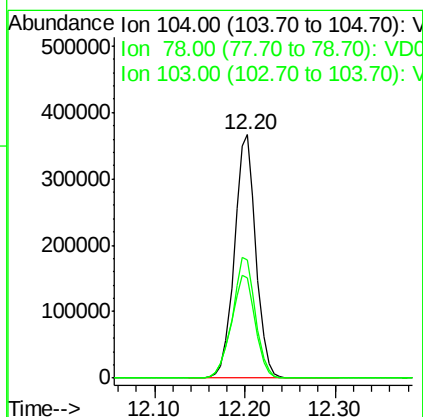
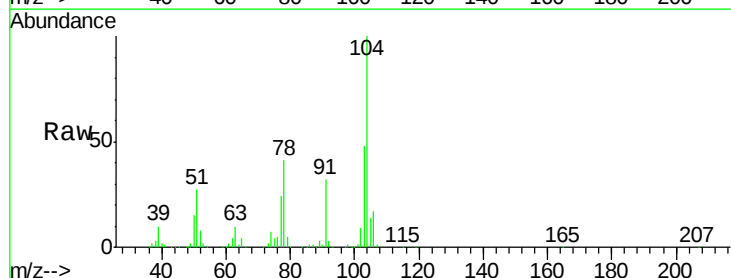
Manual Integrations
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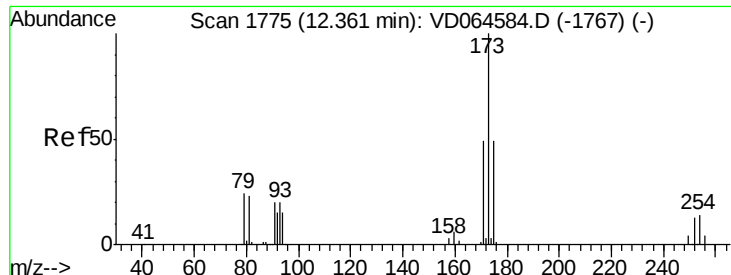
apatel
1/6/2020 10:50:21 AM



#70
Styrene
Concen: 55.482 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion:104 Resp: 603287
Ion Ratio Lower Upper
104 100
78 47.1 38.2 57.2
103 53.5 44.6 67.0





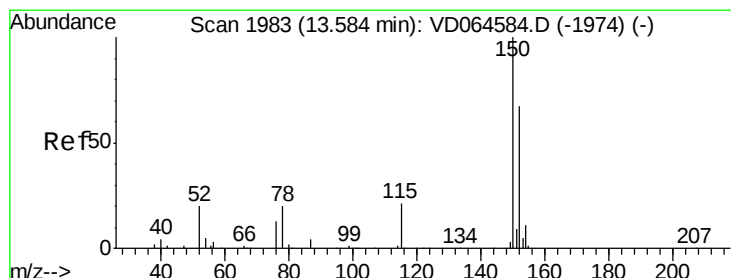
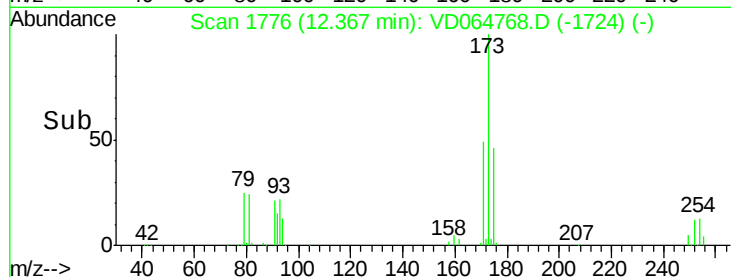
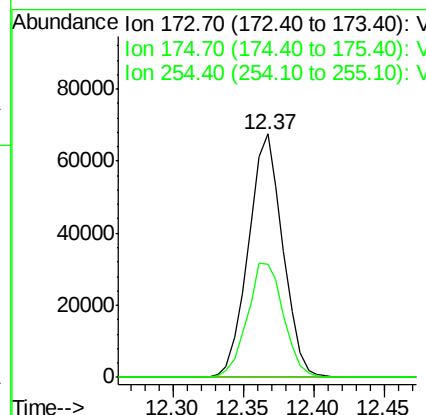
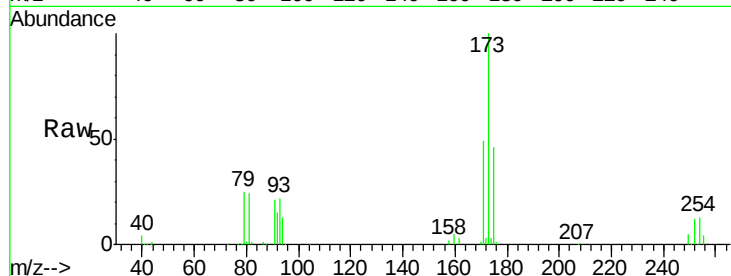
#71
Bromoform
Concen: 54.797 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.6	73.8
254	0.1	0.1	0.1#

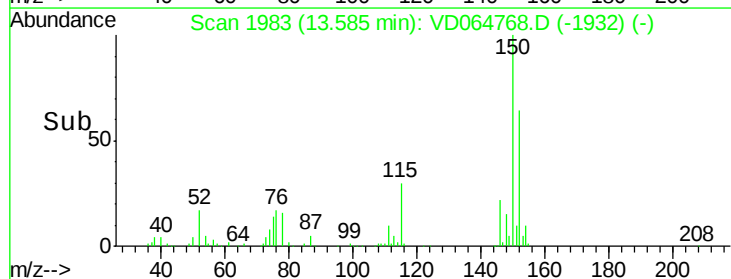
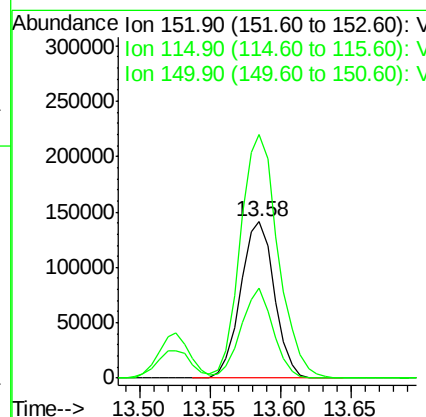
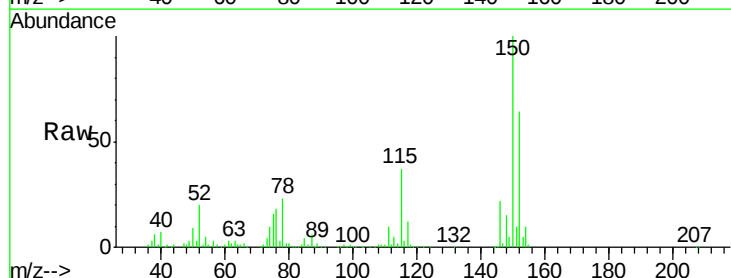
Manual Integrations
APPROVED

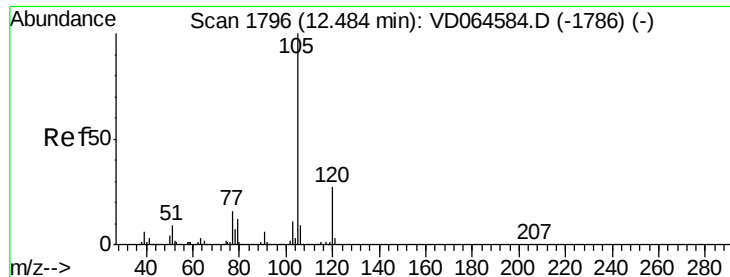
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.8	83.4
150	173.3	0.0	351.4





#73

Isopropylbenzene

Concen: 51.013 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 861766

Ion Ratio Lower Upper

105 100

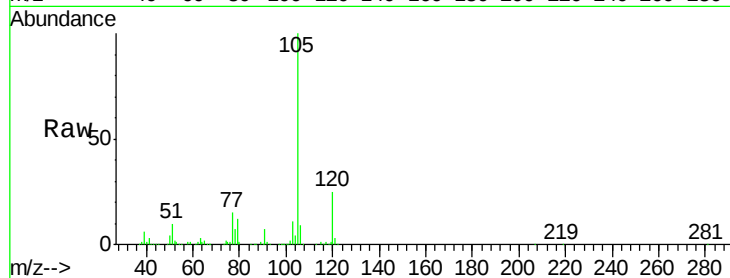
120 26.3 13.5 40.5

Manual Integrations

APPROVED

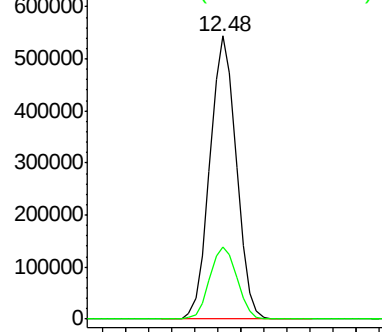
apatel

1/6/2020 10:50:21 AM

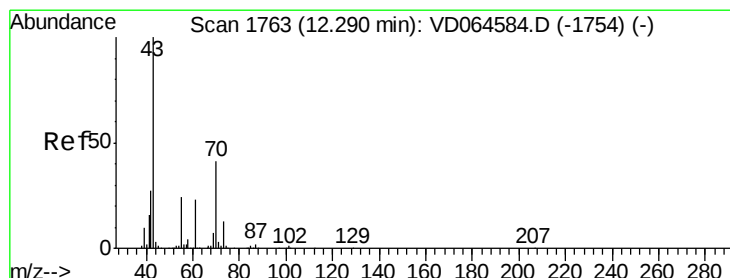
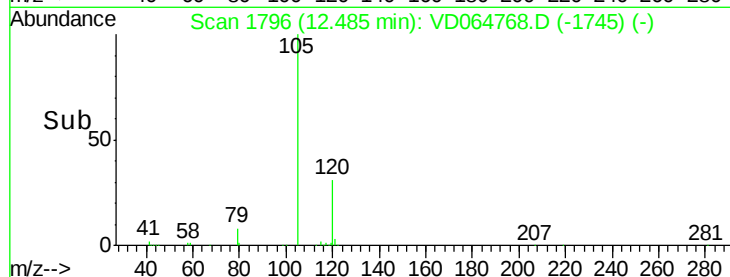


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 56.203 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Tgt Ion: 43 Resp: 202958

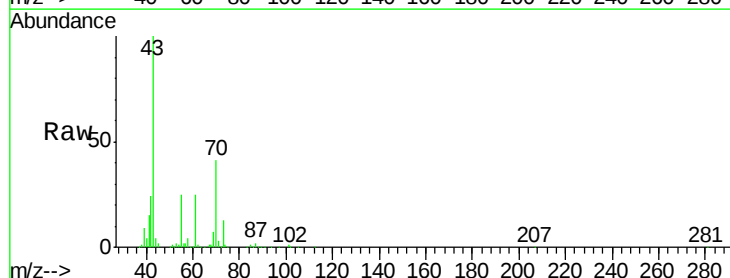
Ion Ratio Lower Upper

43 100

70 41.2 33.4 50.0

55 24.5 19.4 29.0

61 24.2 18.3 27.5

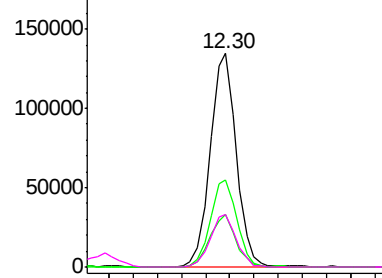


Abundance Ion 43.00 (42.70 to 43.70): V

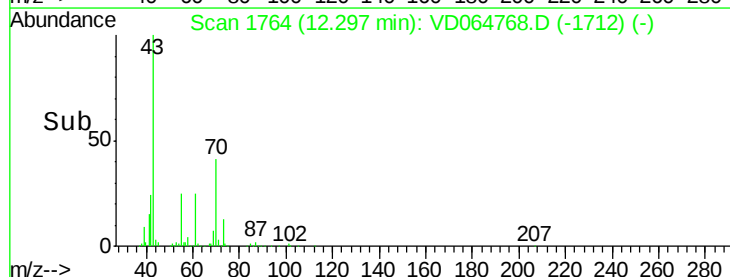
Ion 70.00 (69.70 to 70.70): V

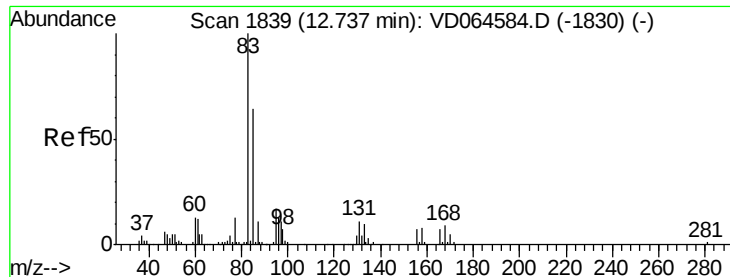
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.506 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 147299

Ion Ratio Lower Upper

83 100

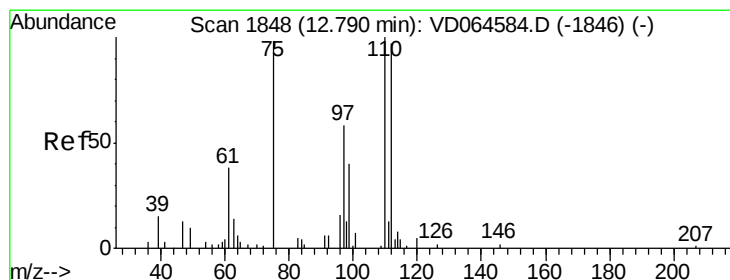
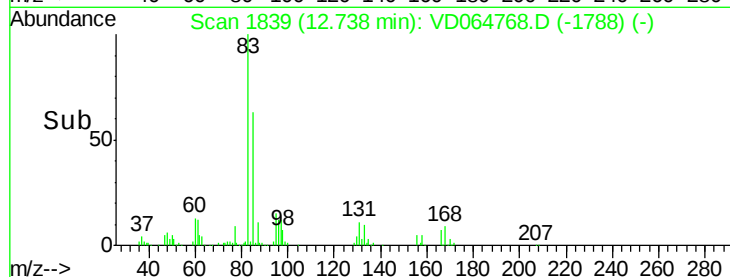
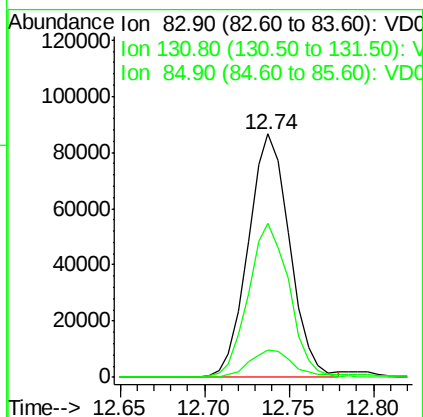
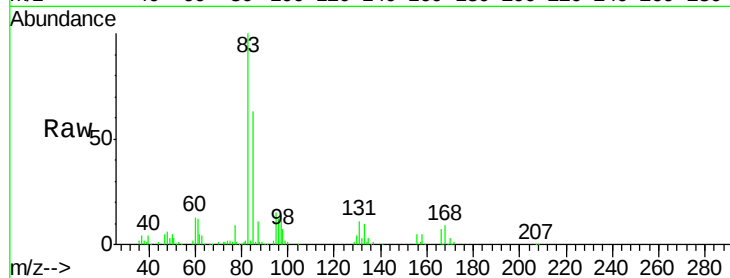
131 12.0 5.8 17.4

85 62.5 32.3 96.9

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#76

1,2,3-Trichloropropane

Concen: 51.259 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064768.D

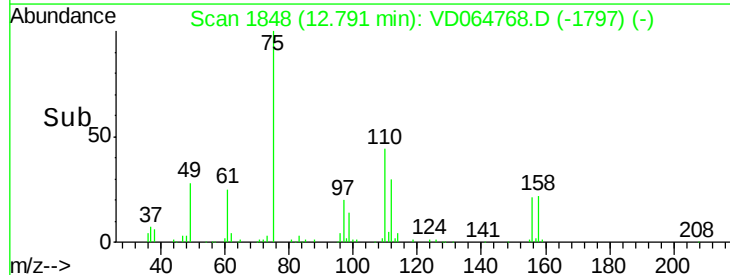
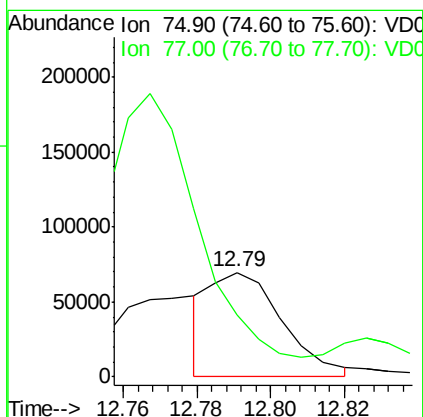
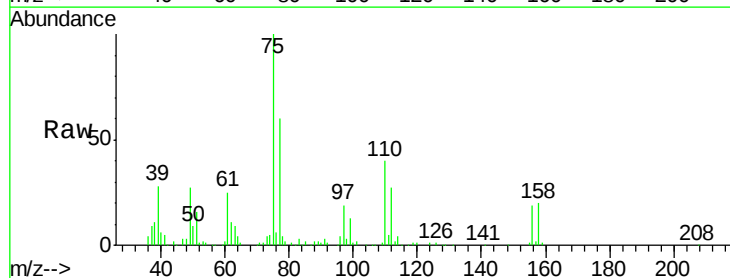
Acq: 04 Jan 2020 08:47

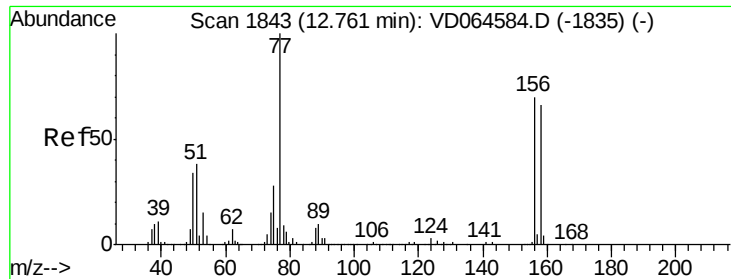
Tgt Ion: 75 Resp: 95686

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.536 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

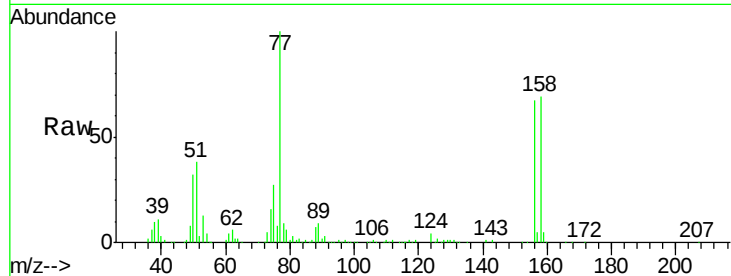
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	163.6	80.9	242.7
158	100.1	48.0	144.2

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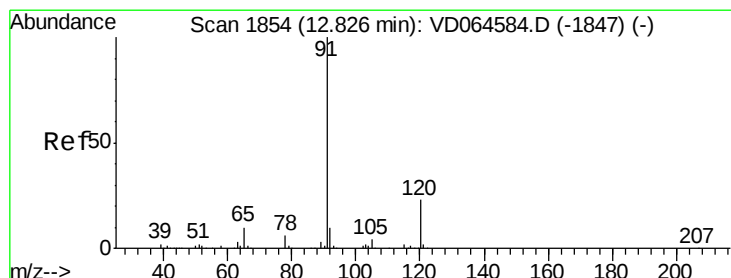
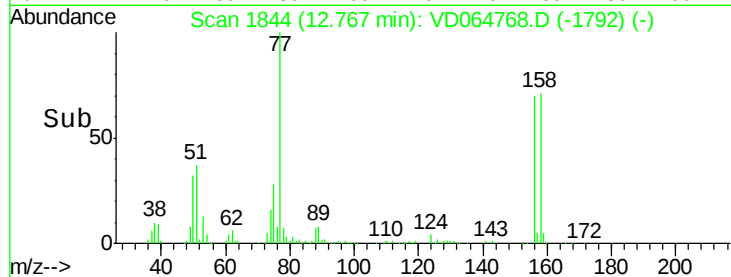
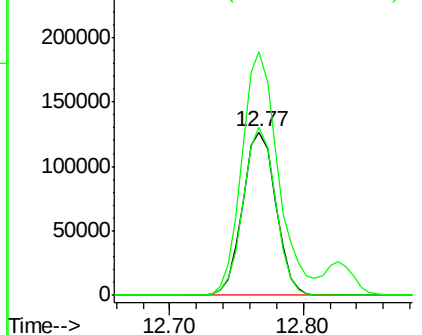


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.770 ug/l

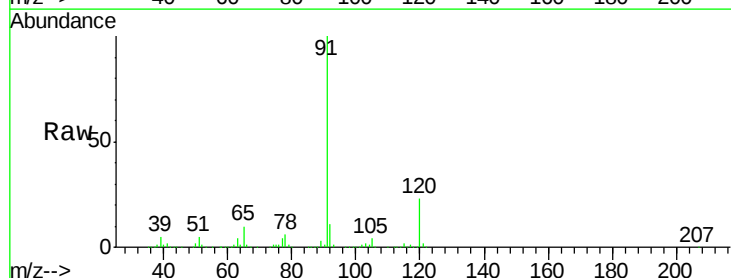
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

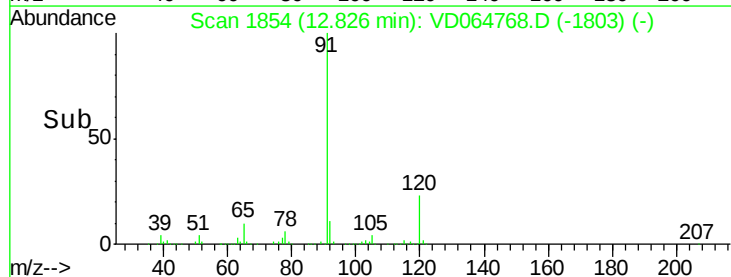
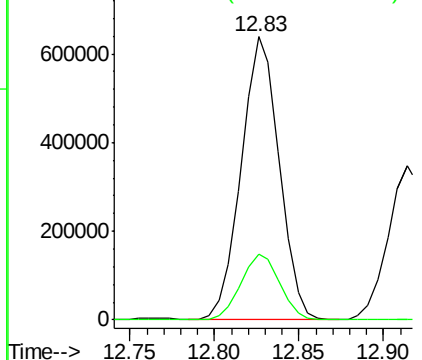
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9

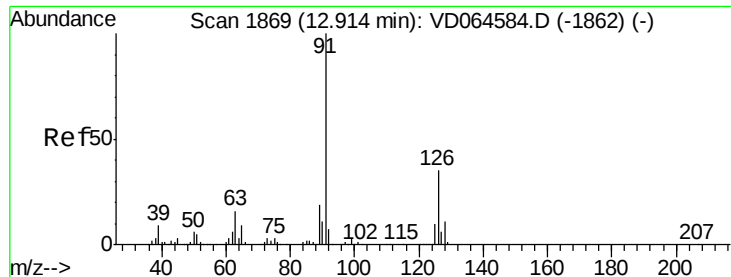


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.188 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 565008

Ion Ratio Lower Upper

91 100

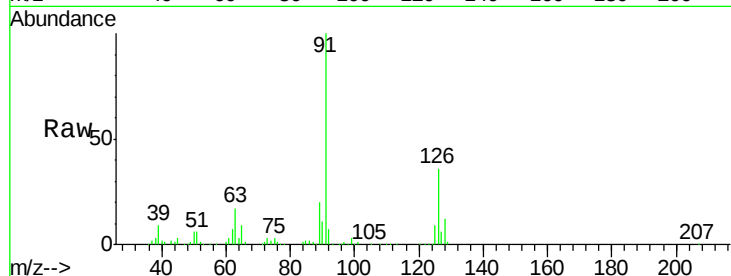
126 35.7 17.8 53.5

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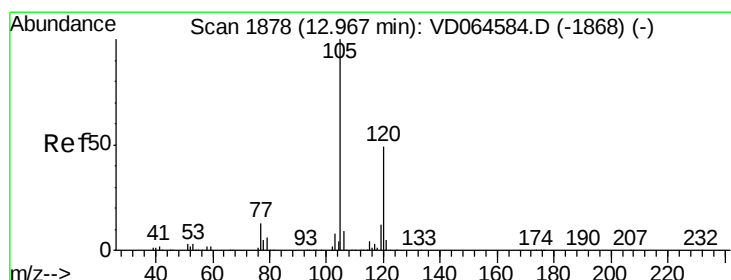
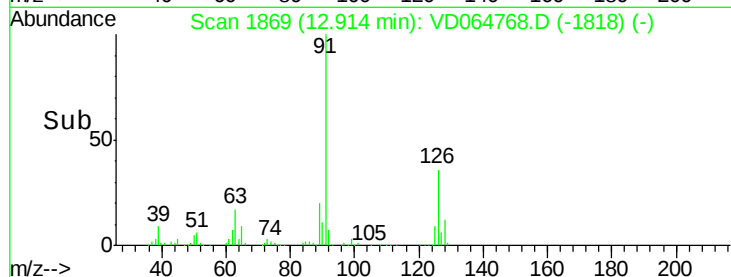
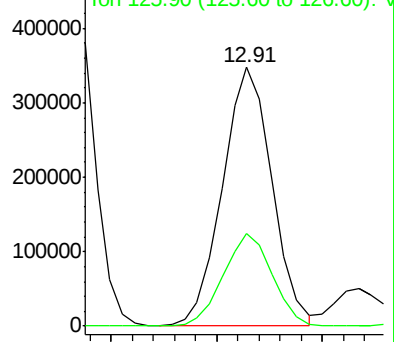
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Abundance Ion 91.00 (90.70 to 91.70): VD064584.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.773 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064768.D

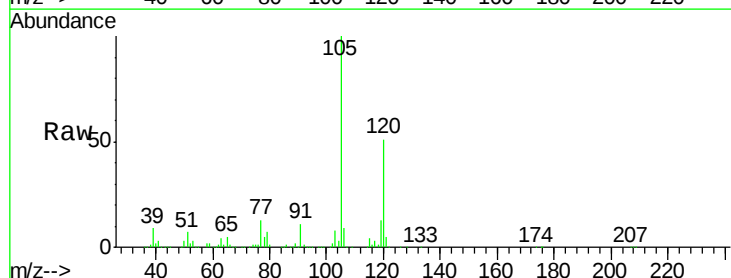
Acq: 04 Jan 2020 08:47

Tgt Ion: 105 Resp: 718445

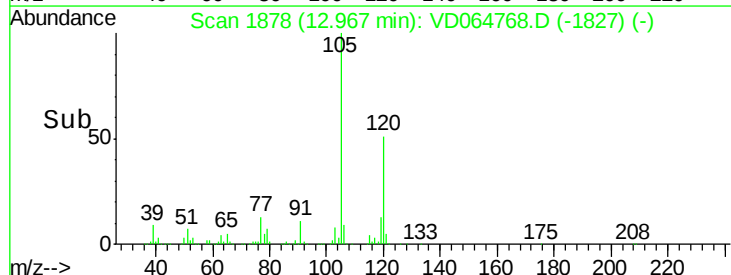
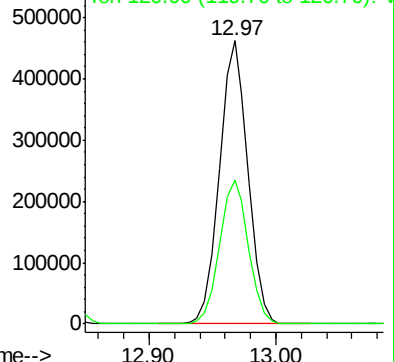
Ion Ratio Lower Upper

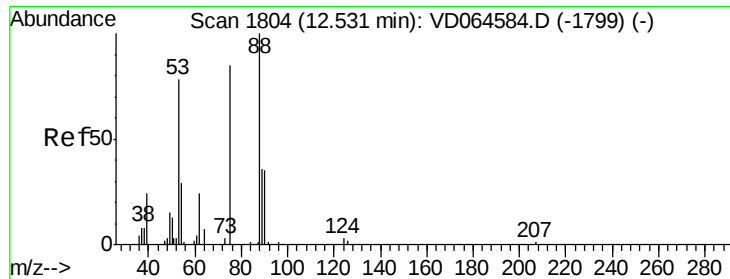
105 100

120 51.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VD064584.D (-1868) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.385 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

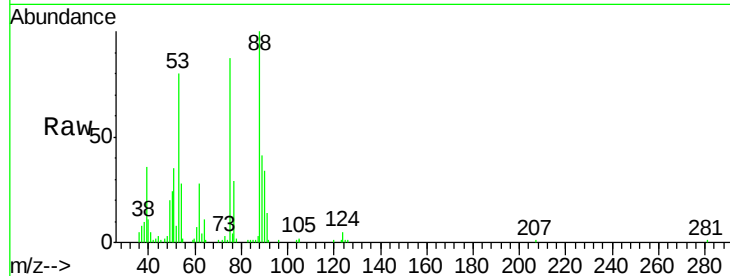
ClientSampleId :

VSTDCCC050EC

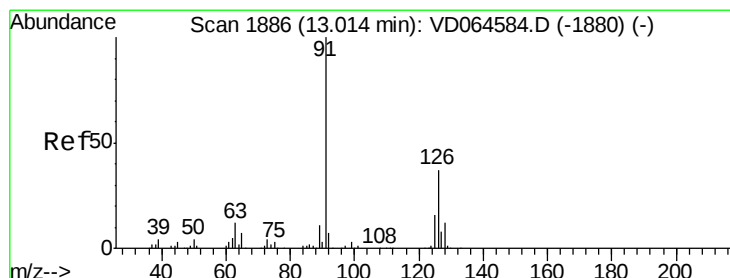
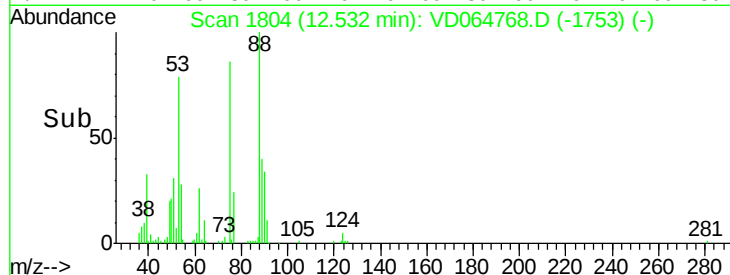
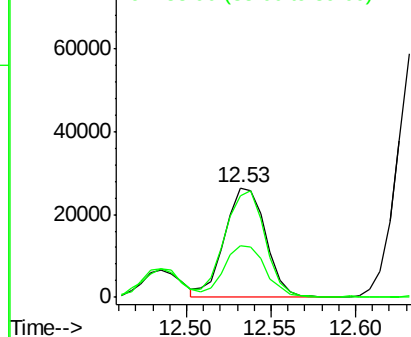
Tgt Ion:	75	Resp:	44970
Ion	Ratio	Lower	Upper
75	100		
53	95.5	78.8	118.2
89	47.6	38.3	57.5

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Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.895 ug/l

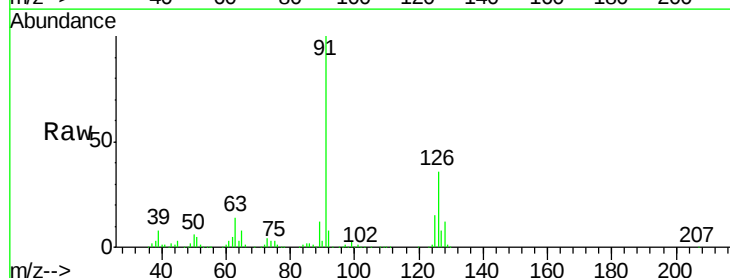
RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

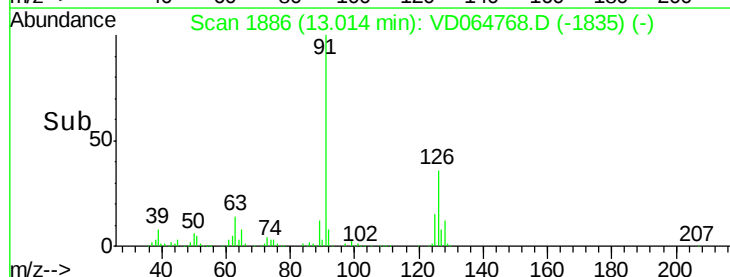
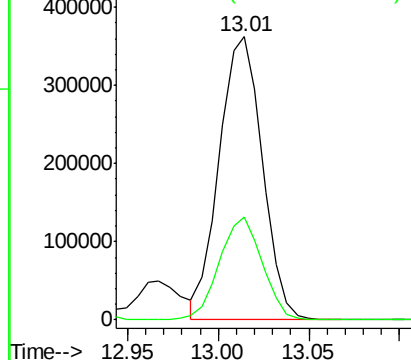
Lab File: VD064768.D

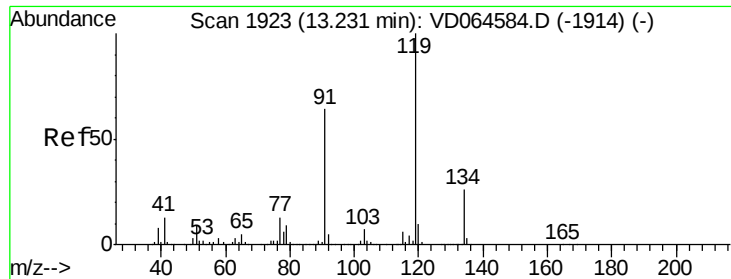
Acq: 04 Jan 2020 08:47

Tgt Ion:	91	Resp:	597896
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.8	53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V





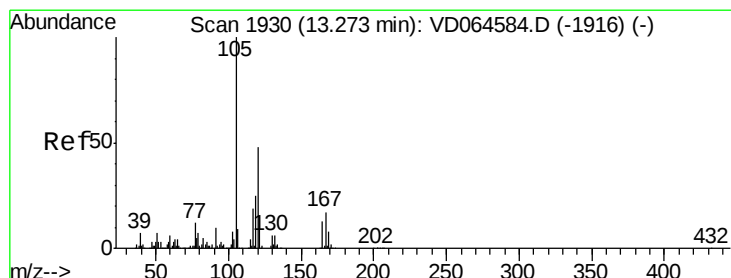
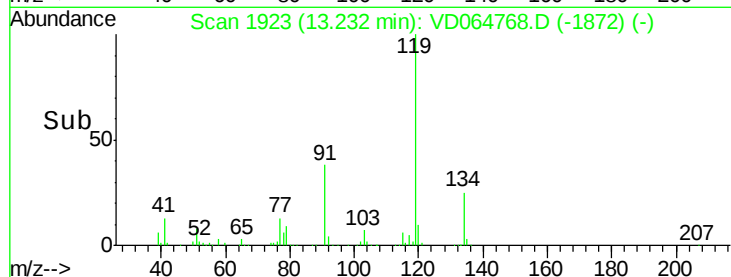
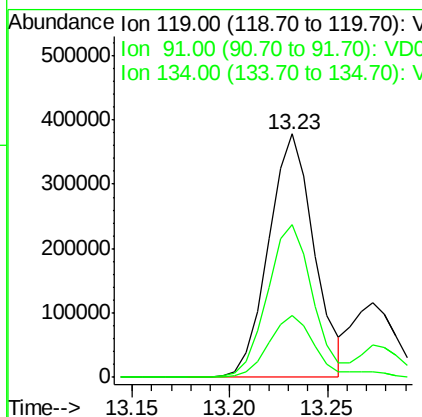
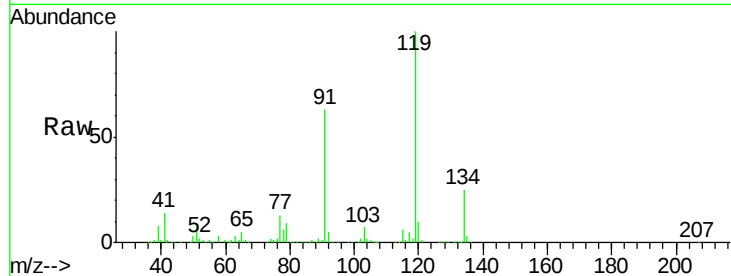
#83
 tert-Butylbenzene
 Concen: 50.654 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.4	30.8	92.4
134	27.1	12.8	38.3

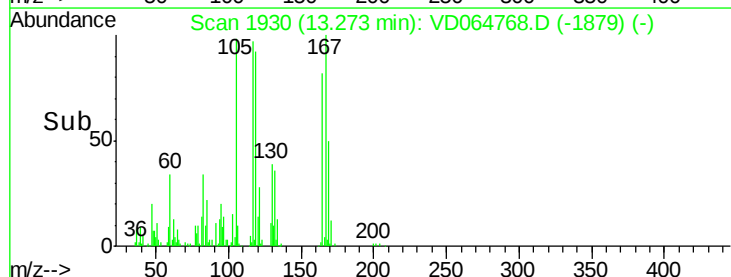
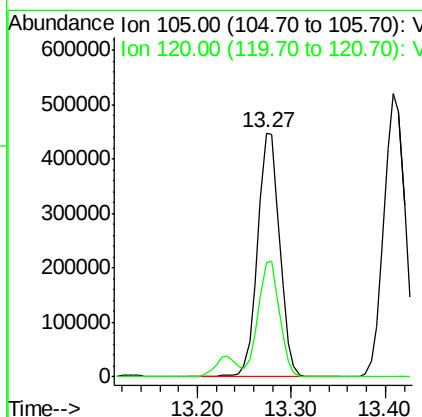
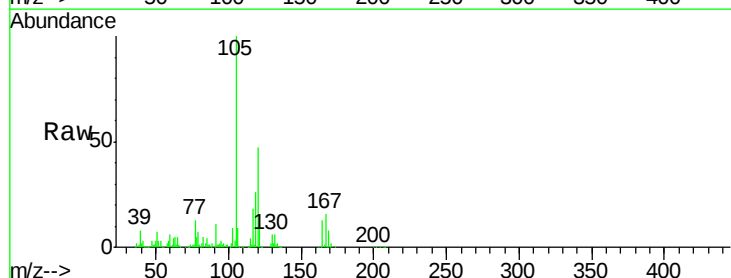
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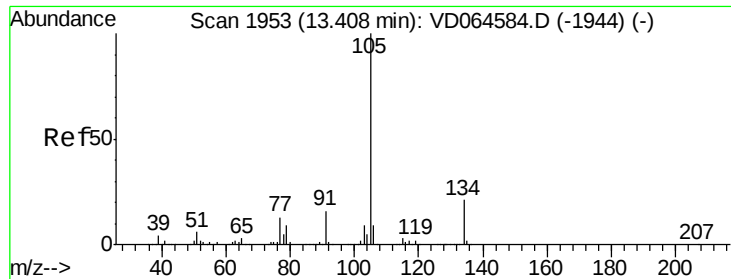
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.642 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.8	71.2





#85

sec-Butylbenzene

Concen: 49.760 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 821945

Ion Ratio Lower Upper

105 100

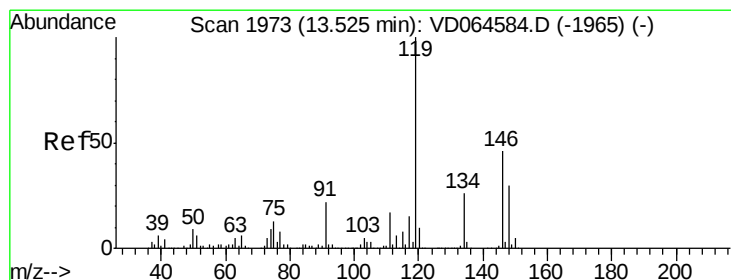
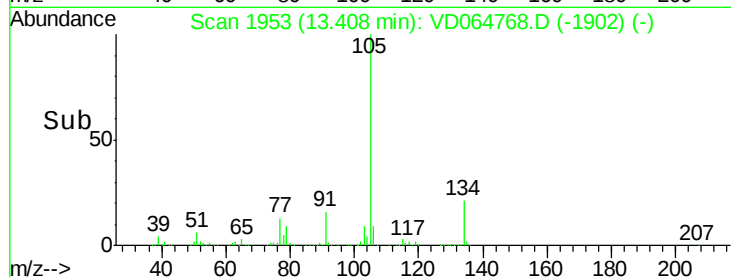
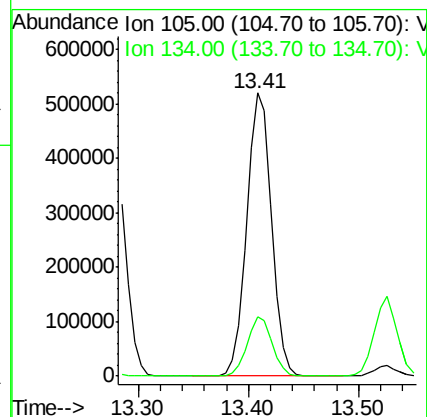
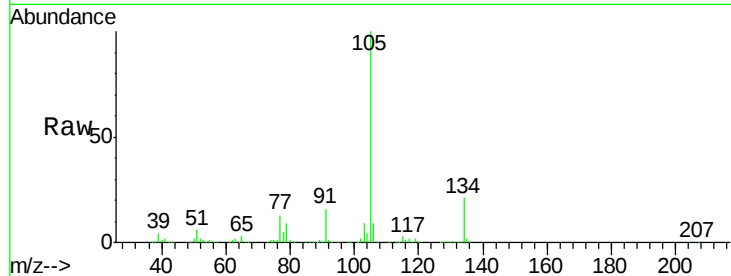
134 21.0 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 50.089 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064768.D

Acq: 04 Jan 2020 08:47

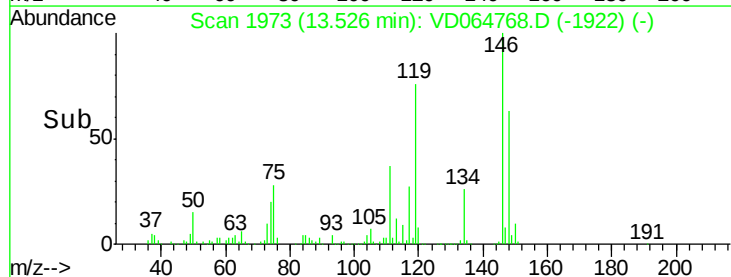
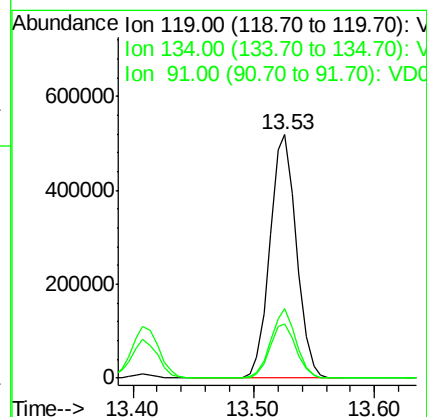
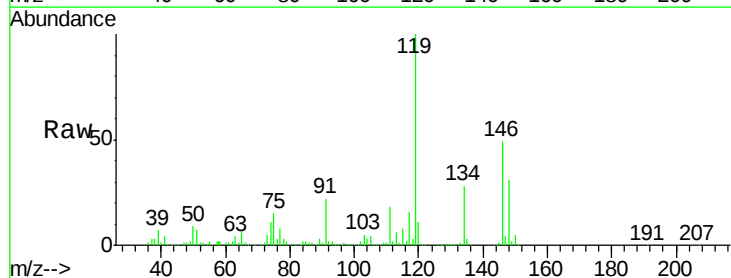
Tgt Ion:119 Resp: 791120

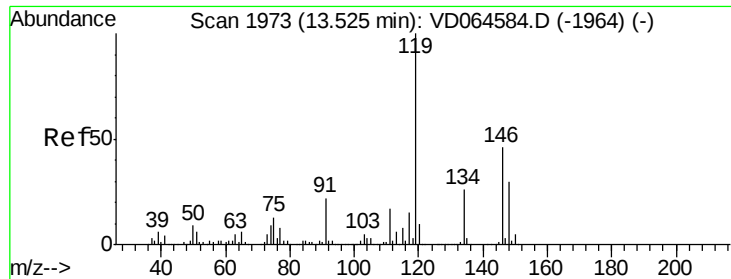
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.1 11.2 33.6





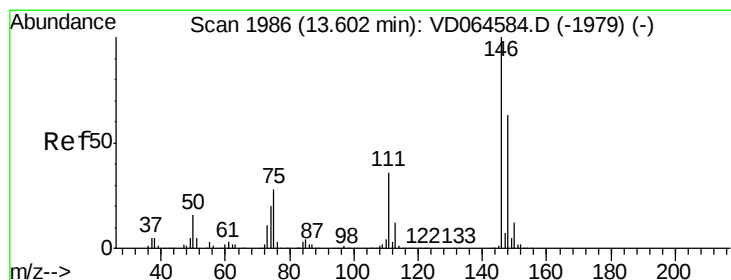
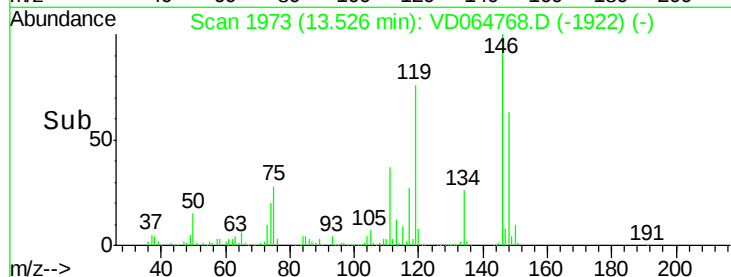
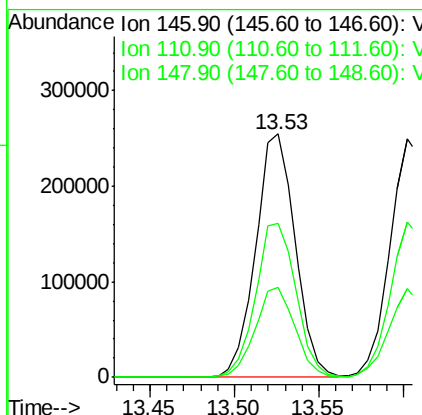
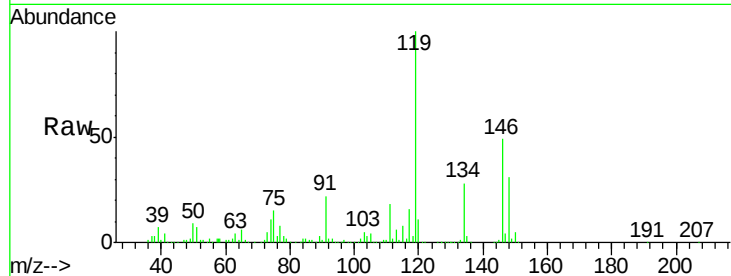
#87
 1,3-Dichlorobenzene
 Concen: 52.443 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.4
148	64.5	32.5	97.5

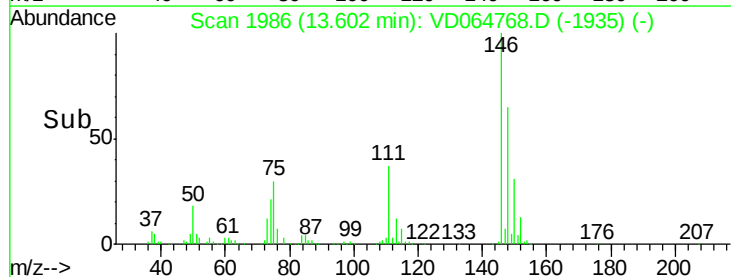
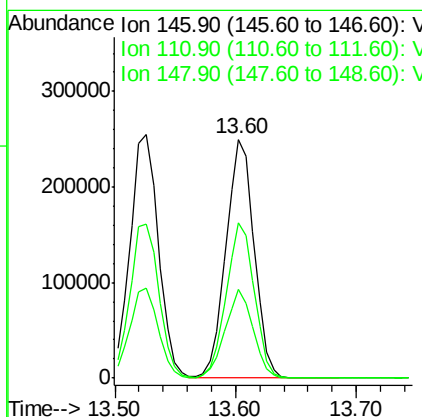
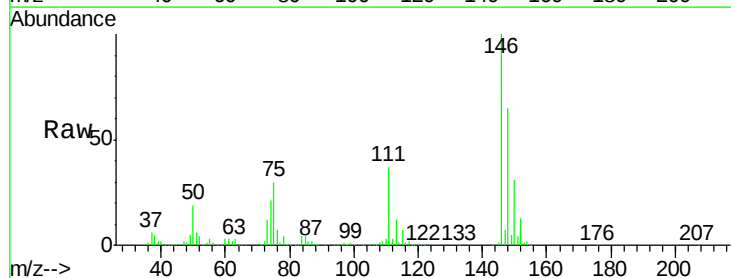
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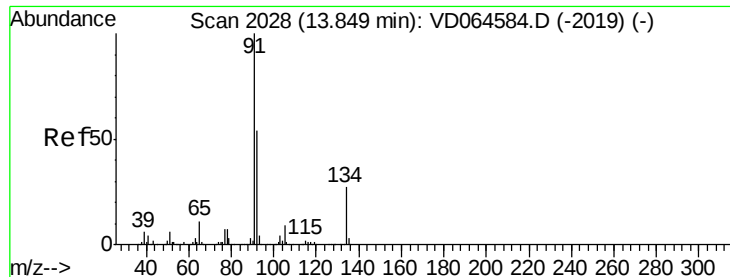
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#88
 1,4-Dichlorobenzene
 Concen: 52.169 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.4	32.3	96.9





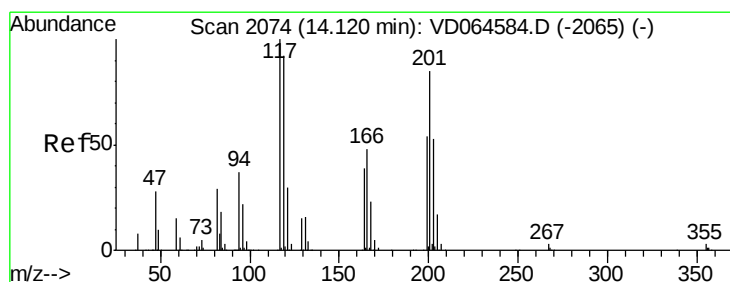
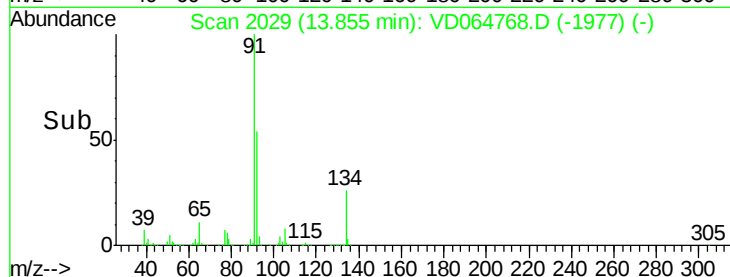
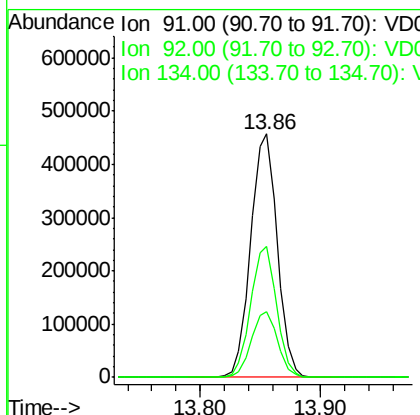
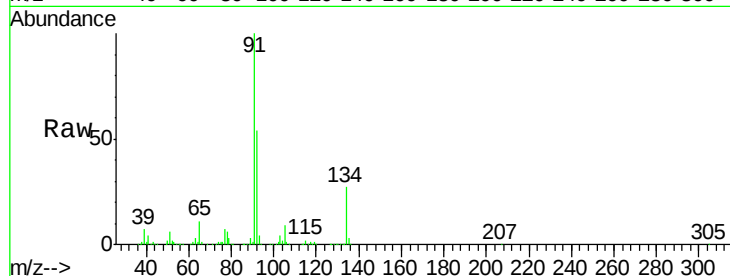
#89
n-Butylbenzene
Concen: 49.358 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.8	80.4
134	26.7	14.0	41.9

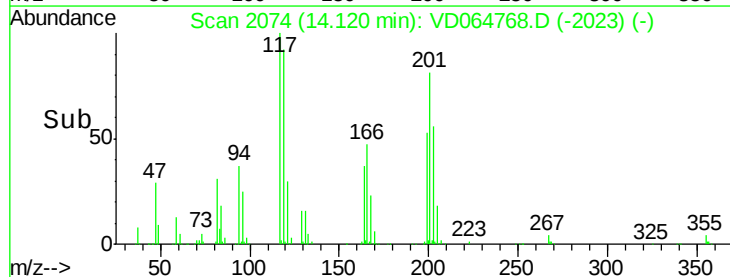
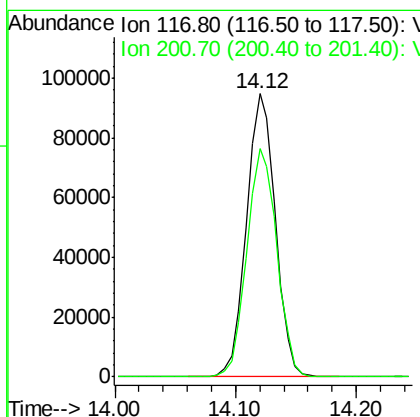
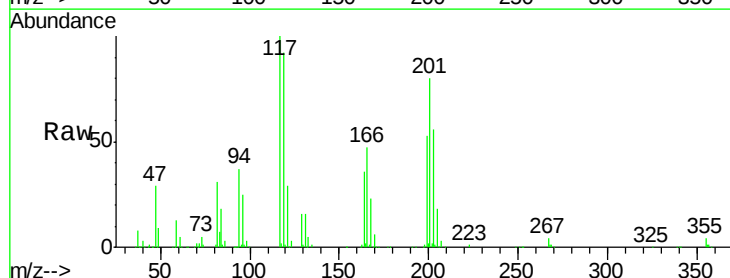
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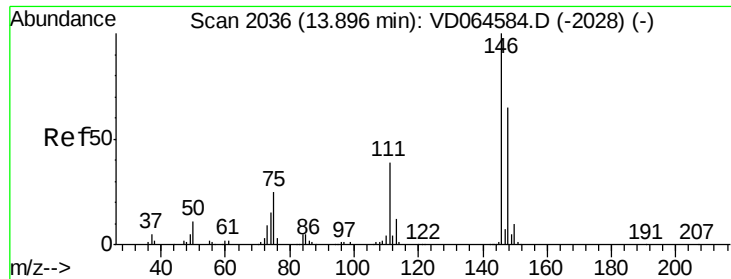
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#90
Hexachloroethane
Concen: 52.514 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.7	44.0	131.8





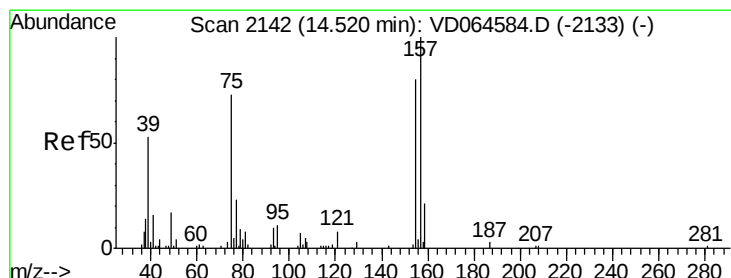
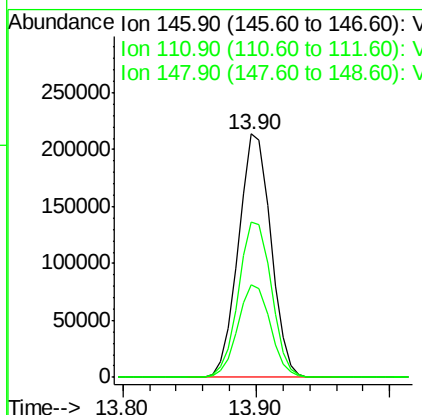
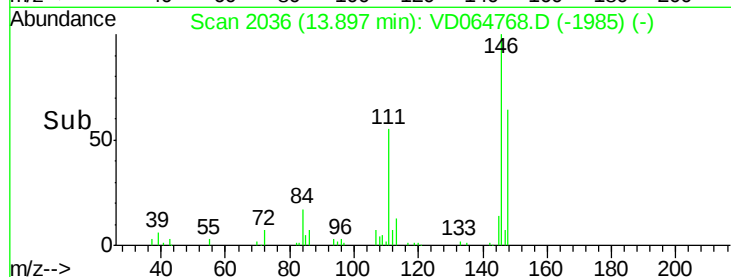
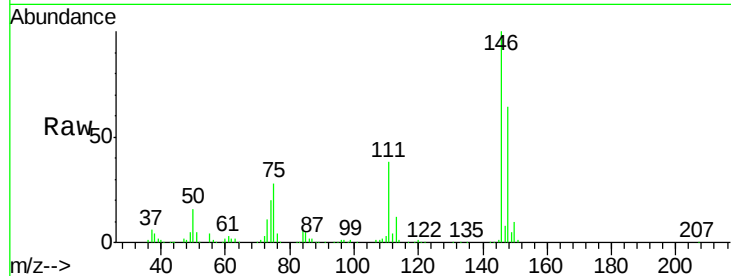
#91
 1,2-Dichlorobenzene
 Concen: 53.435 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	64.8	31.9	95.5

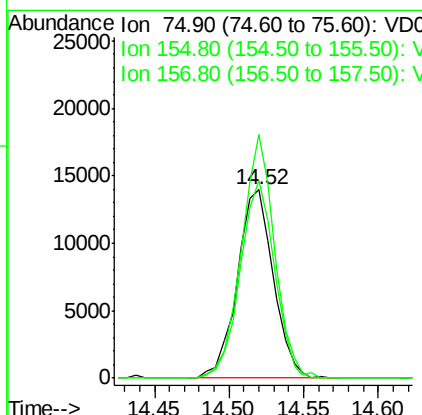
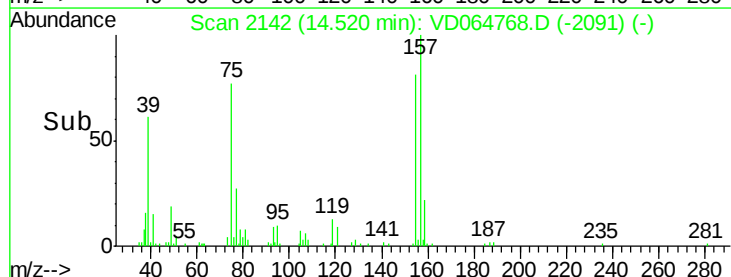
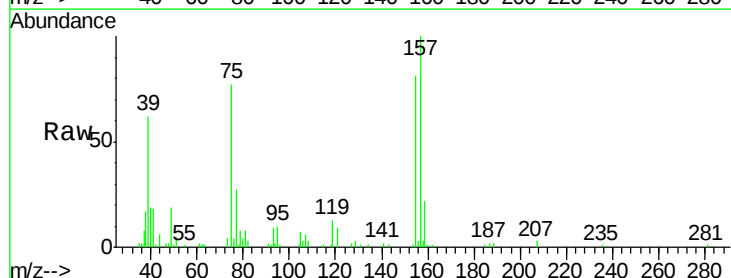
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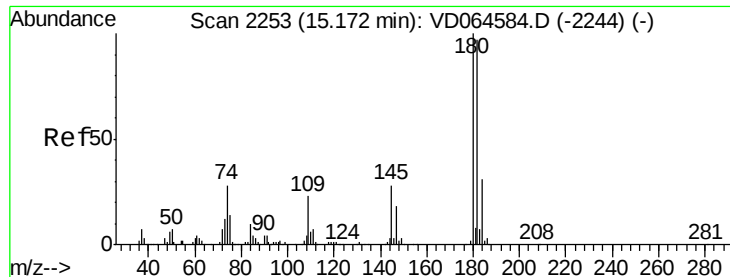
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.363 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.3	48.0	144.0
157	117.7	64.1	192.3





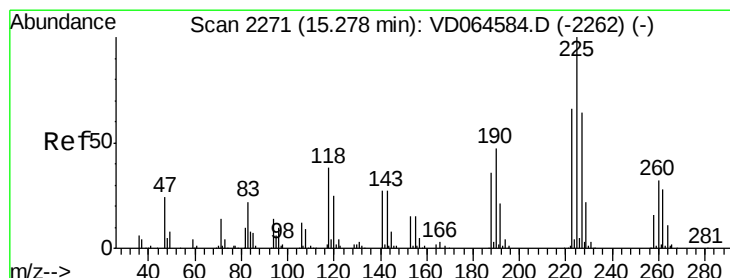
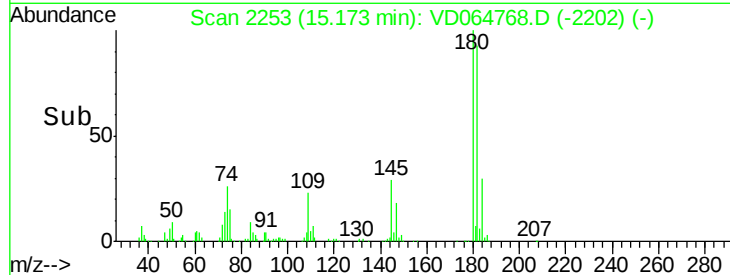
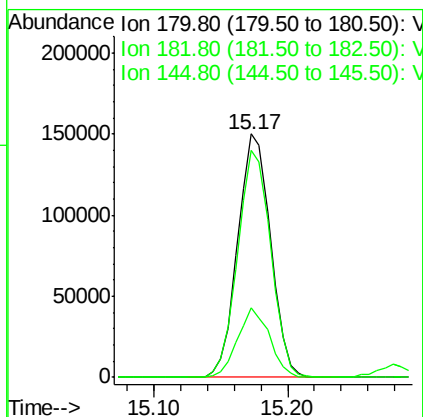
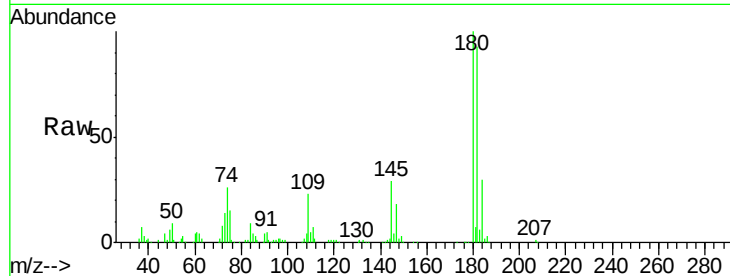
#93
 1,2,4-Trichlorobenzene
 Concen: 51.393 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	255332		
182	93.8	48.0	144.2	
145	27.8	13.8	41.4	

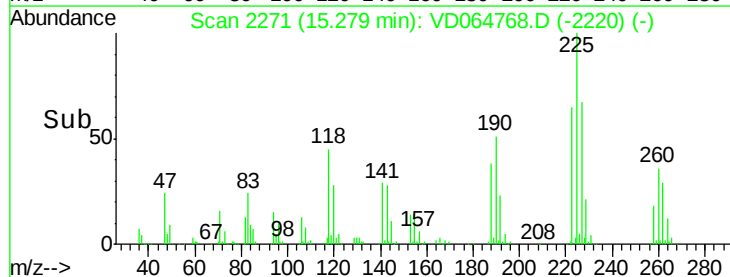
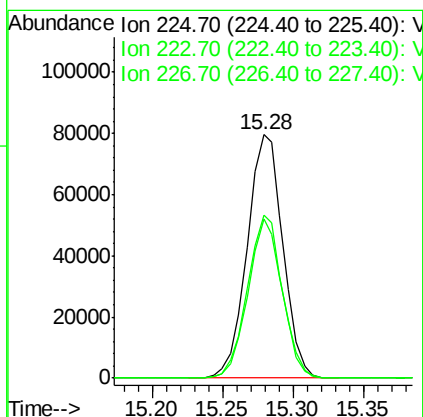
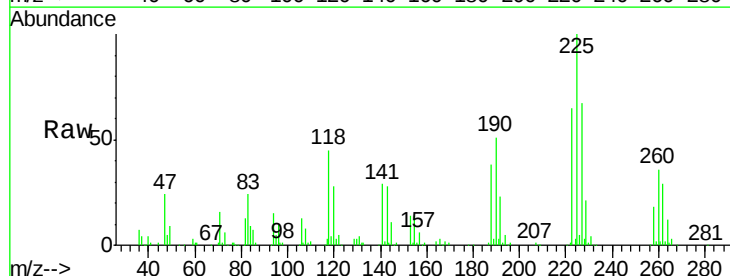
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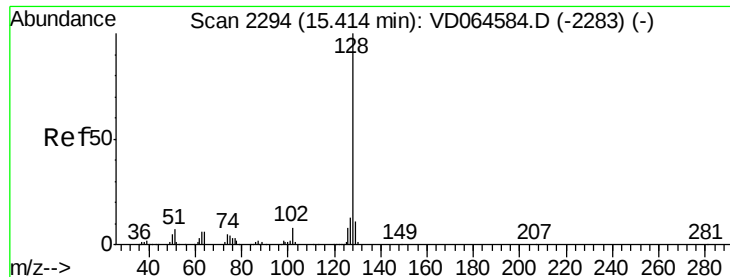
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#94
 Hexachlorobutadiene
 Concen: 45.112 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064768.D
 Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141037		
223	62.5	31.1	93.2	
227	65.5	30.9	92.7	





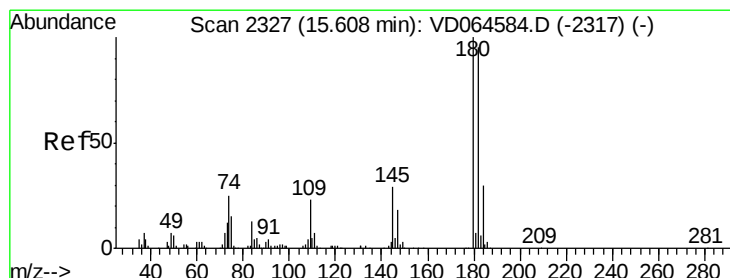
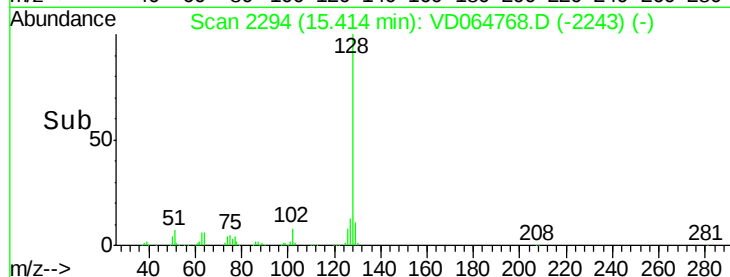
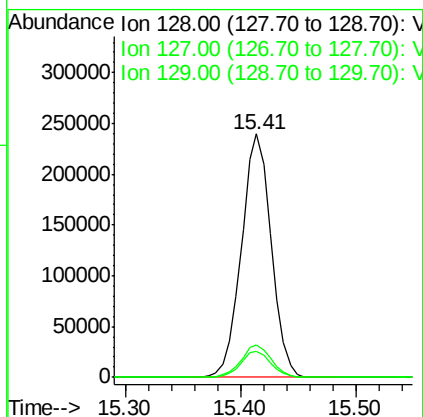
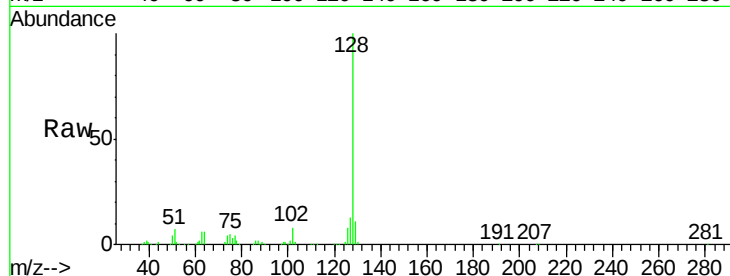
#95
Naphthalene
Concen: 54.442 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.9	8.5	12.7

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#96
1,2,3-Trichlorobenzene
Concen: 53.052 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064768.D
Acq: 04 Jan 2020 08:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.9	143.7
145	29.5	14.9	44.7

