

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064726.D
 Acq On : 03 Jan 2020 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:49:46 AM

Quant Time: Jan 03 16:34:45 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	436270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	610137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	532802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	186111	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.91	113	191564	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.34	98	739277	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.64	95	231734	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	161005	47.488	ug/l	96
3) Chloromethane	2.21	50	226026	47.667	ug/l	100
4) Vinyl Chloride	2.35	62	288161	49.842	ug/l	94
5) Bromomethane	2.77	94	186683	44.409	ug/l	96
6) Chloroethane	2.93	64	186081	48.034	ug/l	98
7) Trichlorofluoromethane	3.27	101	482465	49.561	ug/l	99
8) Diethyl Ether	3.71	74	91955	47.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	207733	51.527	ug/l	98
10) Methyl Iodide	4.29	142	225702	52.119	ug/l	99
11) Tert butyl alcohol	5.26	59	61711	279.904	ug/l #	70
12) 1,1-Dichloroethene	4.06	96	190348	49.593	ug/l	99
13) Acrolein	3.92	56	81025	263.701	ug/l	99
14) Allyl chloride	4.71	41	304669	50.911	ug/l	99
15) Acrylonitrile	5.43	53	194899	242.050	ug/l	99
16) Acetone	4.16	43	238017	300.474	ug/l	98
17) Carbon Disulfide	4.40	76	591219	47.637	ug/l	99
18) Methyl Acetate	4.72	43	99469	45.927	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	416202	48.820	ug/l	99
20) Methylene Chloride	4.97	84	206244	52.683	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	218482	49.983	ug/l	97
22) Diisopropyl ether	6.37	45	592452	49.635	ug/l	100
23) Vinyl Acetate	6.31	43	1718656	253.828	ug/l	100
24) 1,1-Dichloroethane	6.26	63	369344	51.543	ug/l	97
25) 2-Butanone	7.22	43	278422	263.298	ug/l	100
26) 2,2-Dichloropropane	7.20	77	352951	52.977	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	236817	50.200	ug/l	97
28) Bromochloromethane	7.55	49	140185	50.326	ug/l	100
29) Tetrahydrofuran	7.57	42	156669	238.245	ug/l	98
30) Chloroform	7.71	83	382731	50.908	ug/l	98
31) Cyclohexane	7.98	56	350602	48.879	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	365674	51.785	ug/l	100
36) 1,1-Dichloropropene	8.11	75	308601	52.550	ug/l	98
37) Ethyl Acetate	7.30	43	113446	49.174	ug/l	99
38) Carbon Tetrachloride	8.10	117	343767	54.898	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	375825	52.838	ug/l	97
40) Benzene	8.35	78	836662	52.189	ug/l	98
41) Methacrylonitrile	7.53	41	70353	52.559	ug/l #	89
42) 1,2-Dichloroethane	8.43	62	242197	52.280	ug/l	98
43) Isopropyl Acetate	8.46	43	225966	49.209	ug/l	99
44) Trichloroethene	9.11	130	244649	51.948	ug/l	96
45) 1,2-Dichloropropane	9.39	63	198802	51.938	ug/l	98
46) Dibromomethane	9.48	93	107076	50.174	ug/l	98
47) Bromodichloromethane	9.66	83	290047	51.076	ug/l	97
48) Methyl methacrylate	9.46	41	102133	47.237	ug/l	88
49) 1,4-Dioxane	9.47	88	23994	975.073	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	560765	247.064	ug/l	99
52) Toluene	10.40	92	554104	52.682	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	275096	51.960	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	328132	52.562	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	146670	50.997	ug/l	97
56) Ethyl methacrylate	10.66	69	183094	50.975	ug/l	99
57) 1,3-Dichloropropane	10.95	76	251095	50.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	305992	223.605	ug/l	99
59) 2-Hexanone	10.98	43	421287	273.474	ug/l	99
60) Dibromochloromethane	11.14	129	198908	50.012	ug/l	99
61) 1,2-Dibromoethane	11.25	107	140934	49.683	ug/l	100
64) Tetrachloroethene	10.88	164	210858	51.585	ug/l	95
65) Chlorobenzene	11.67	112	576322	52.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	217397	52.149	ug/l	99
67) Ethyl Benzene	11.75	91	1070863	53.353	ug/l	98
68) m/p-Xylenes	11.86	106	823180	106.256	ug/l	98
69) o-Xylene	12.18	106	366406	52.362	ug/l	99
70) Styrene	12.20	104	648502	52.798	ug/l	99
71) Bromoform	12.37	173	121162	50.965	ug/l #	97
73) Isopropylbenzene	12.48	105	1020386	54.145	ug/l	100
74) N-amyl acetate	12.30	43	206222	51.191	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	151189	51.070	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	116390m	55.891	ug/l	
77) Bromobenzene	12.77	156	243156	52.511	ug/l	98
78) n-propylbenzene	12.83	91	1205607	54.836	ug/l	98
79) 2-Chlorotoluene	12.91	91	634311	52.520	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	843010	54.456	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	51425	51.648	ug/l	98
82) 4-Chlorotoluene	13.01	91	667889	51.964	ug/l	99
83) tert-Butylbenzene	13.23	119	725026	53.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	825486	53.541	ug/l	98
85) sec-Butylbenzene	13.41	105	1007013	54.649	ug/l	99
86) p-Isopropyltoluene	13.53	119	949701	53.900	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	467114	52.916	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	450932	51.999	ug/l	100
89) n-Butylbenzene	13.86	91	874346	55.104	ug/l	99
90) Hexachloroethane	14.12	117	177536	52.748	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	387197	51.440	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24304	50.642	ug/l	97

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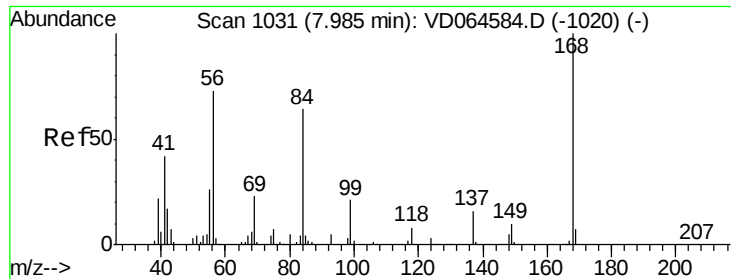
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	285024	51.426	ug/l	98
94) Hexachlorobutadiene	15.28	225	181086	51.922	ug/l	98
95) Naphthalene	15.41	128	444600	50.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	235330	49.736	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 436270

Ion Ratio Lower Upper

168 100

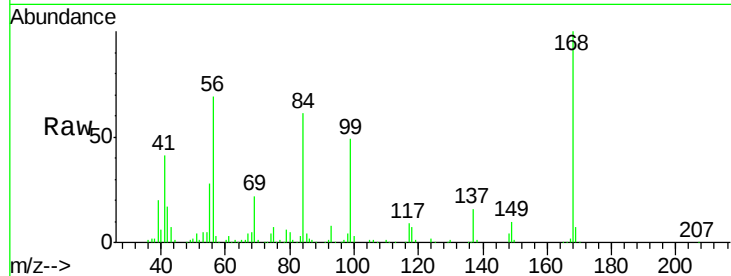
99 48.7 41.8 62.6

Manual Integrations

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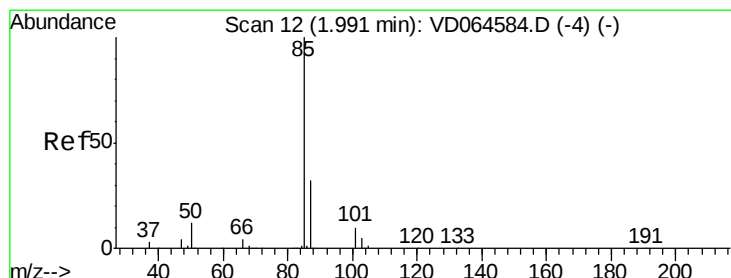
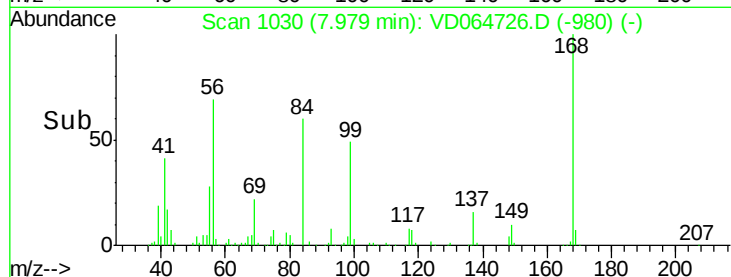
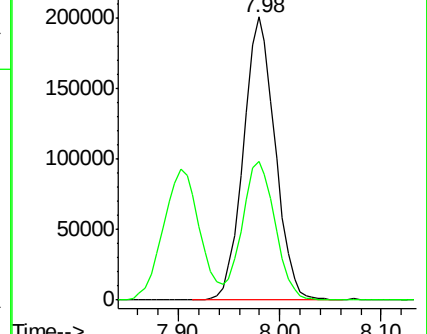
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.488 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064726.D

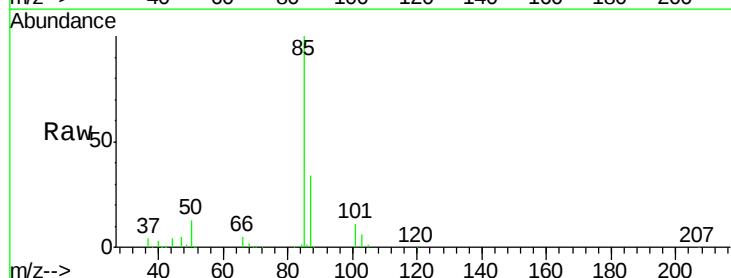
Acq: 03 Jan 2020 11:01

Tgt Ion: 85 Resp: 161005

Ion Ratio Lower Upper

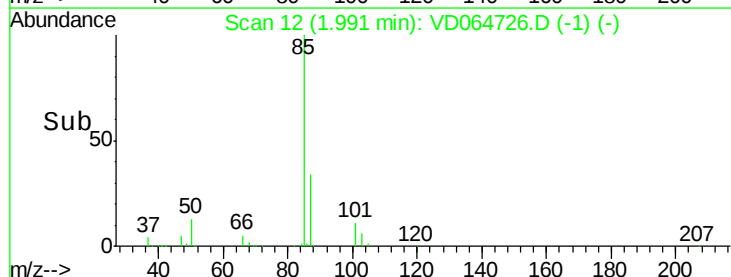
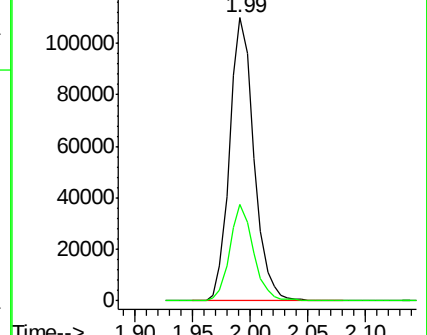
85 100

87 34.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.667 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 226026

Ion Ratio Lower Upper

50 100

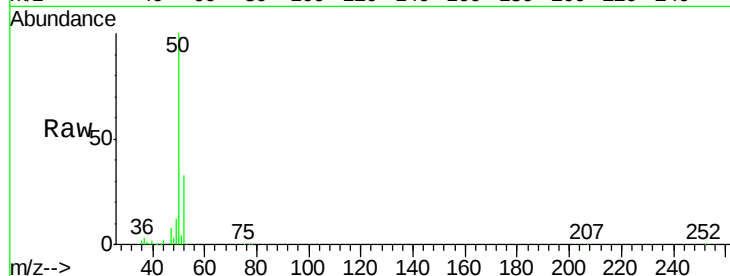
52 33.2 26.5 39.7

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

200000

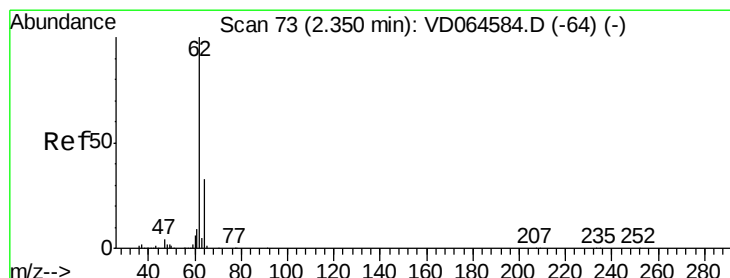
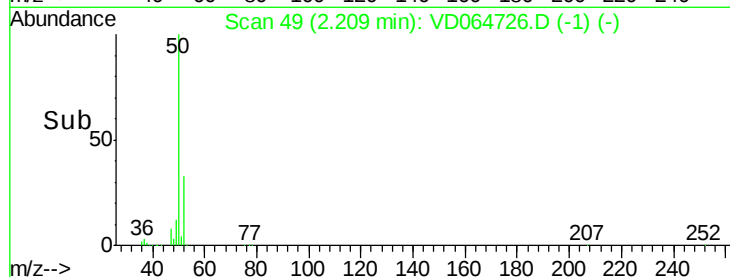
150000

100000

50000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 49.842 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064726.D

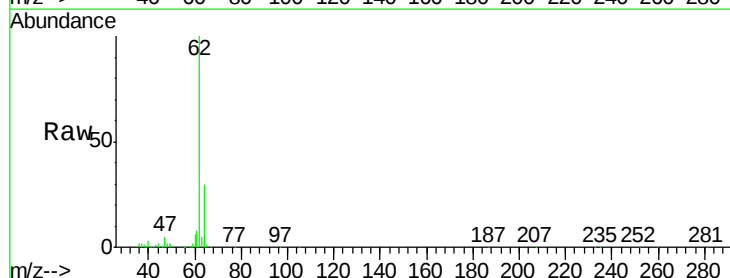
Acq: 03 Jan 2020 11:01

Tgt Ion: 62 Resp: 288161

Ion Ratio Lower Upper

62 100

64 29.9 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

200000

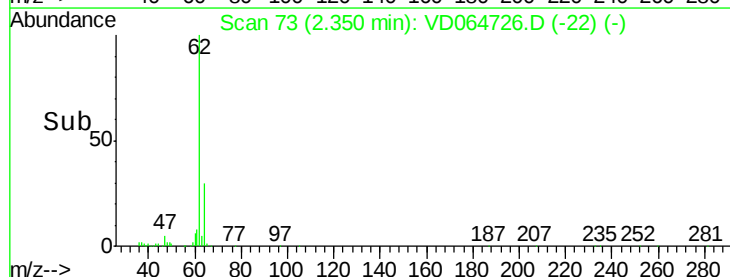
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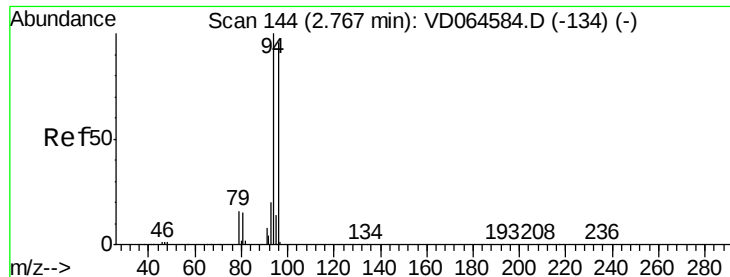
100000

50000

0

Time--> 2.25 2.30 2.35 2.40 2.45





#5

Bromomethane

Concen: 44.409 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 186683

Ion Ratio Lower Upper

94 100

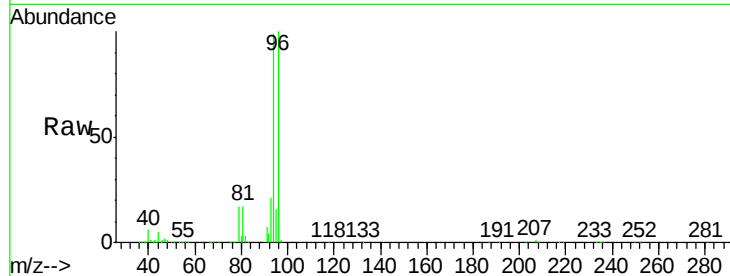
96 100.3 77.2 115.8

Manual Integrations

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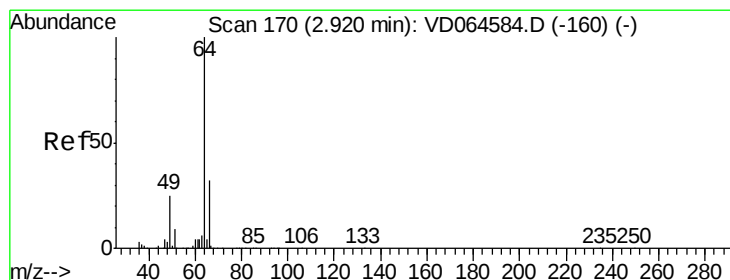
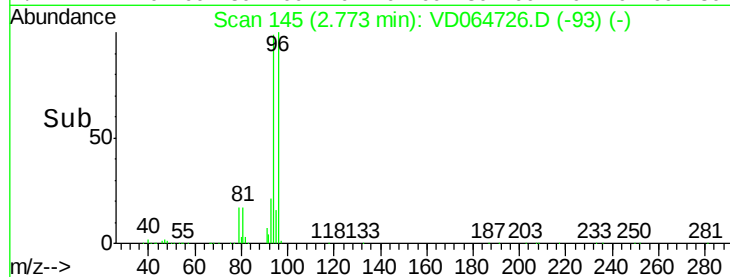
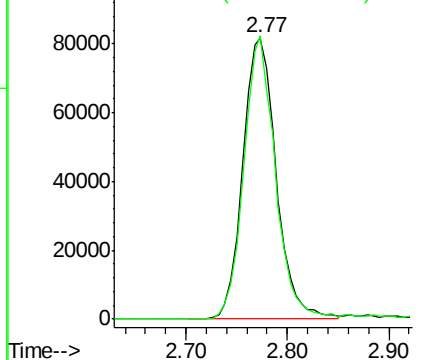
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.034 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064726.D

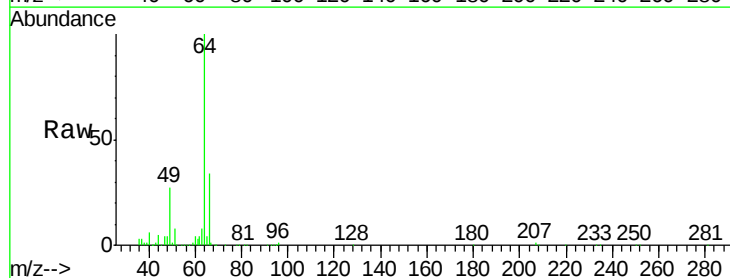
Acq: 03 Jan 2020 11:01

Tgt Ion: 64 Resp: 186081

Ion Ratio Lower Upper

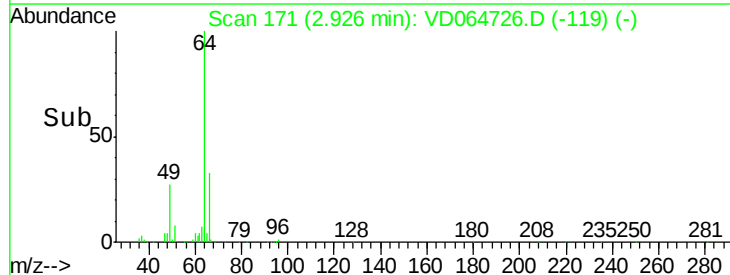
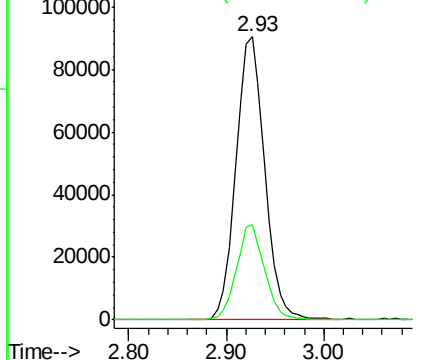
64 100

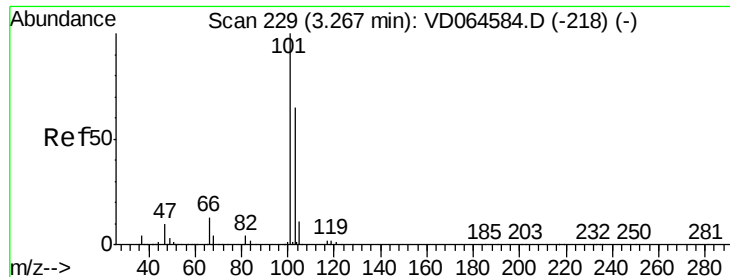
66 33.5 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

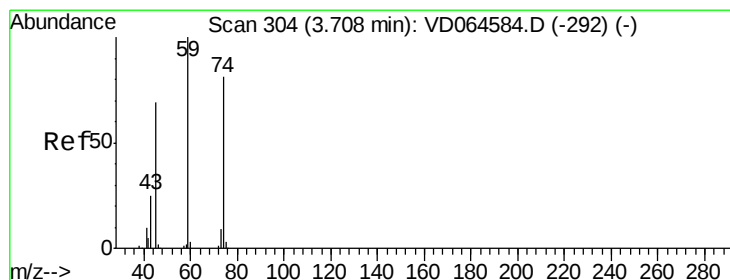
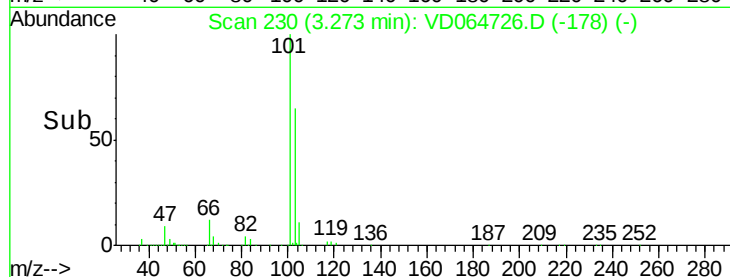
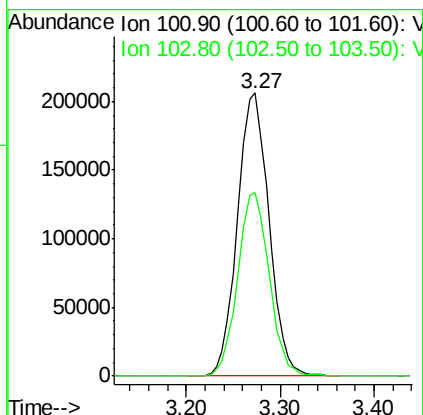
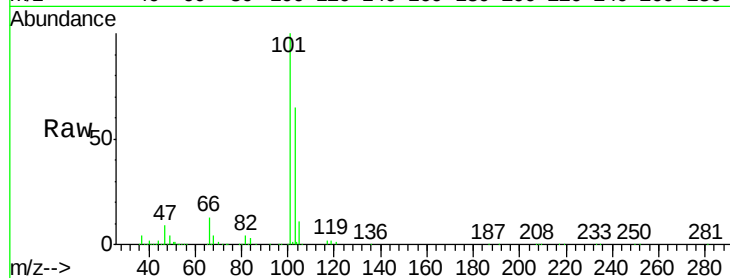
Trichlorofluoromethane
 Concen: 49.561 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.4

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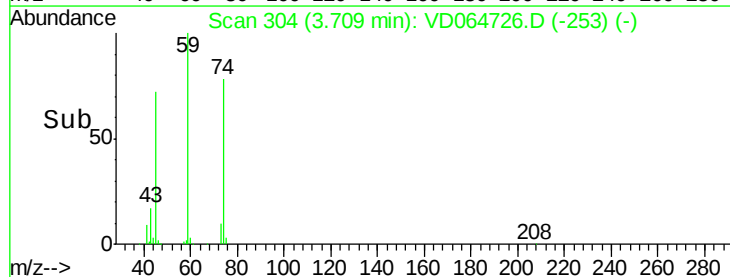
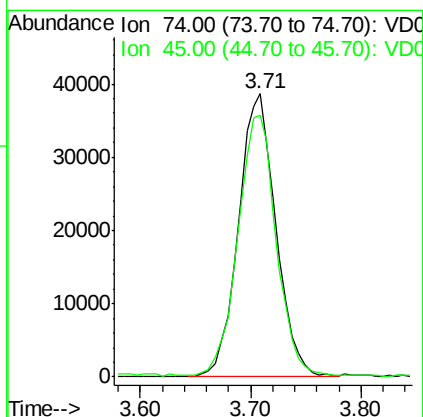
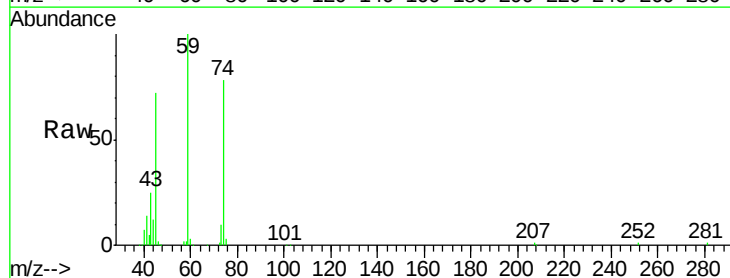
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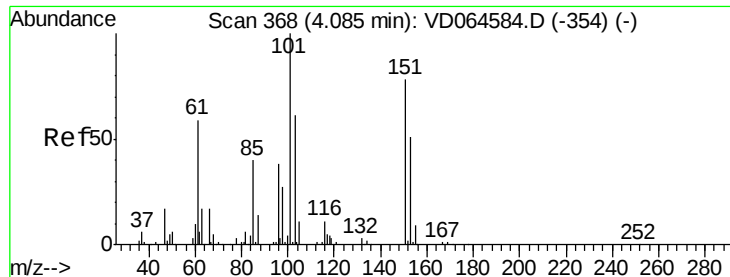


#8

Diethyl Ether
 Concen: 47.569 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.527 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

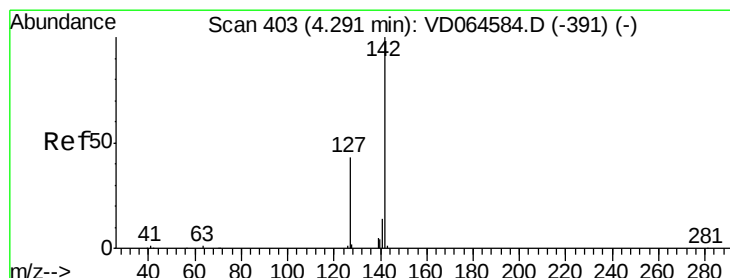
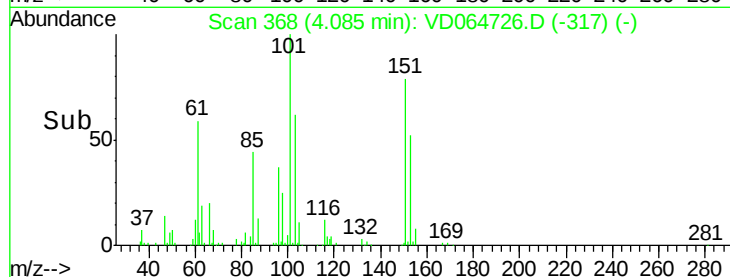
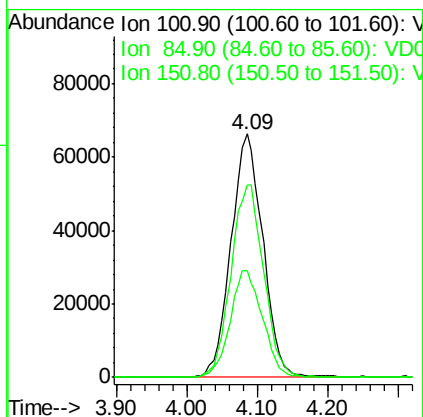
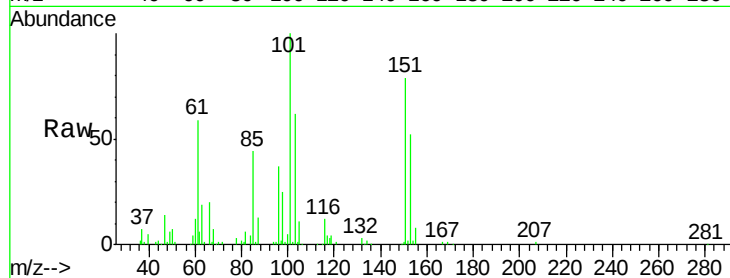
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	207733
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.2	52.8
151	80.8	66.2	99.4

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#10

Methyl Iodide

Concen: 52.119 ug/l

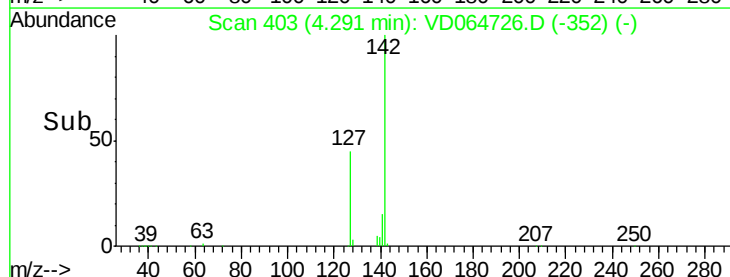
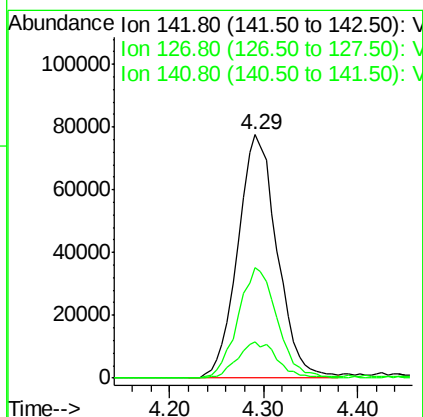
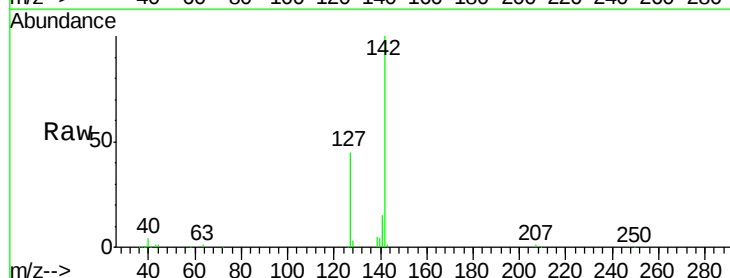
RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	142	Resp:	225702
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.2	54.4
141	15.0	11.8	17.8





#11

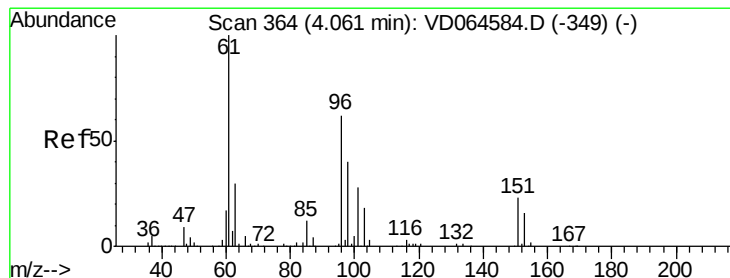
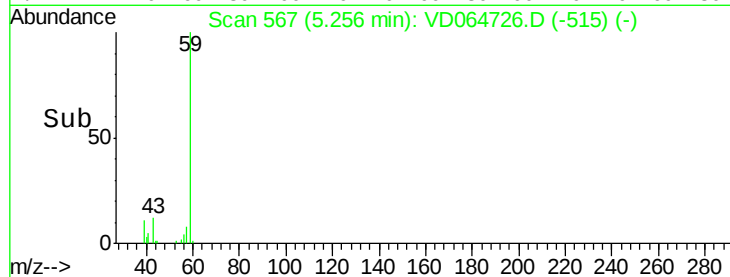
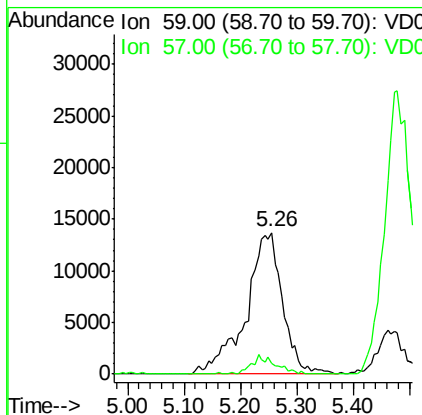
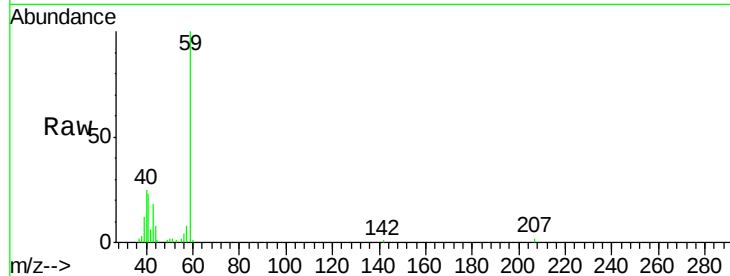
Tert butyl alcohol
 Concen: 279.904 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

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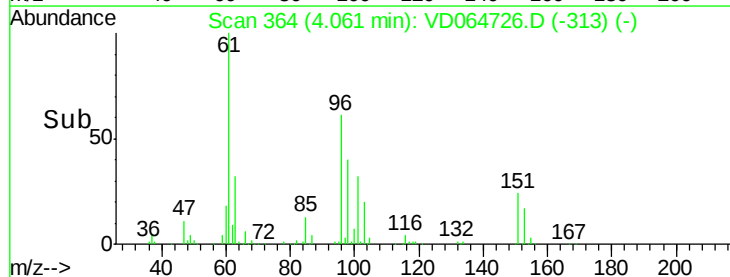
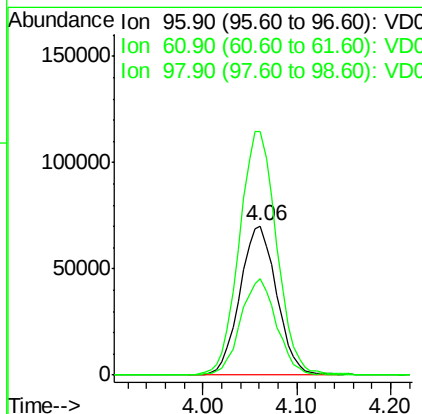
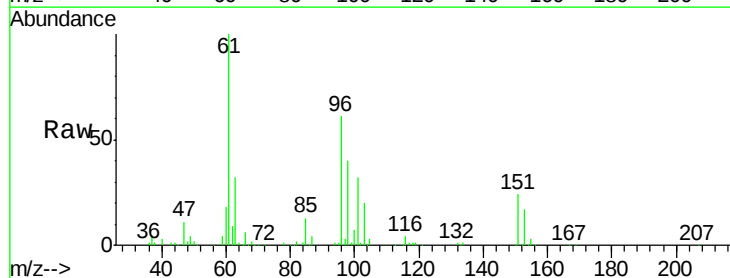
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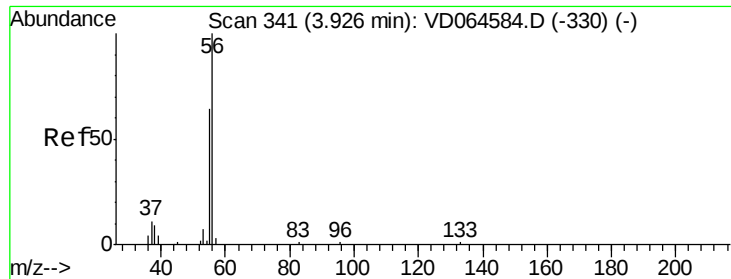


#12

1,1-Dichloroethene
 Concen: 49.593 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.4	129.4	194.0
98	65.1	51.4	77.0





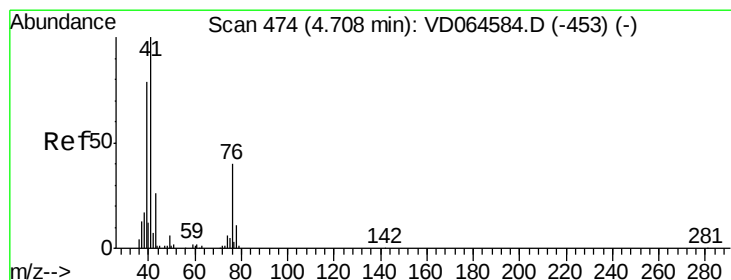
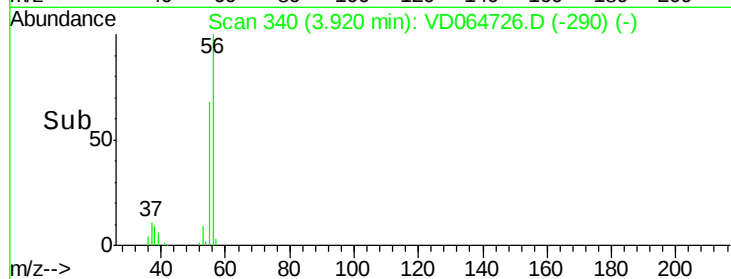
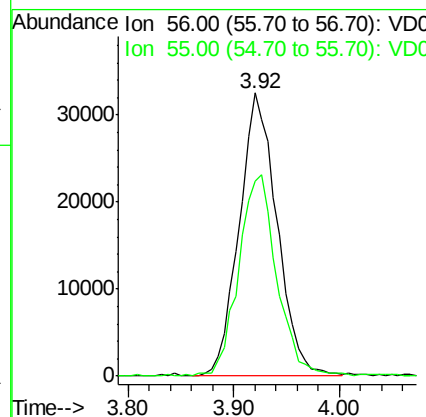
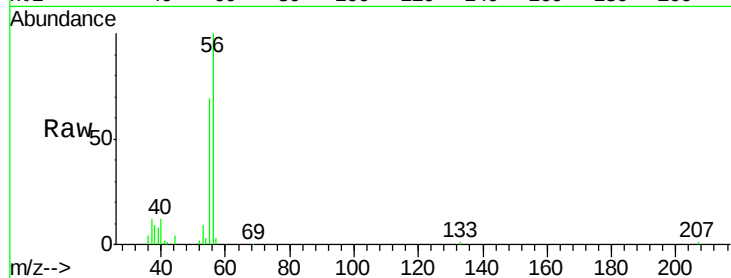
#13
Acrolein
Concen: 263.701 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 81025
Ion Ratio Lower Upper
56 100
55 71.7 56.7 85.1

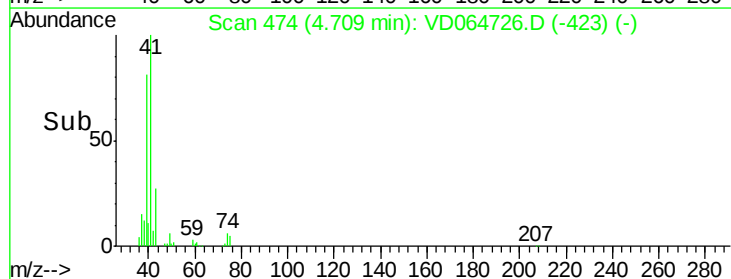
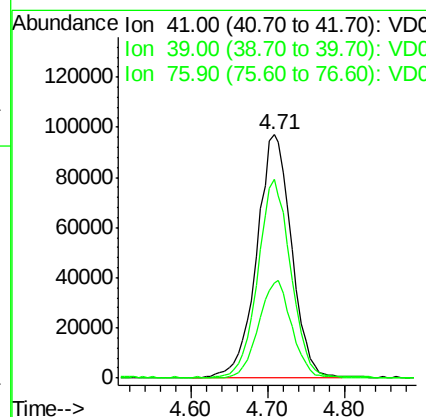
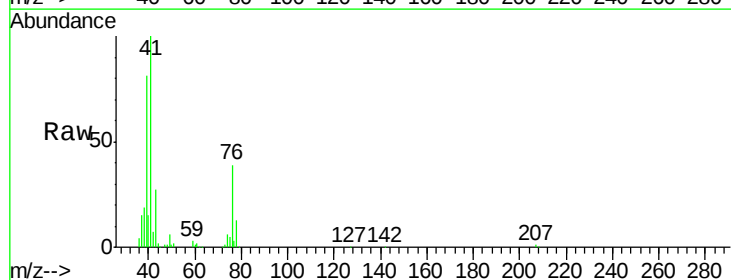
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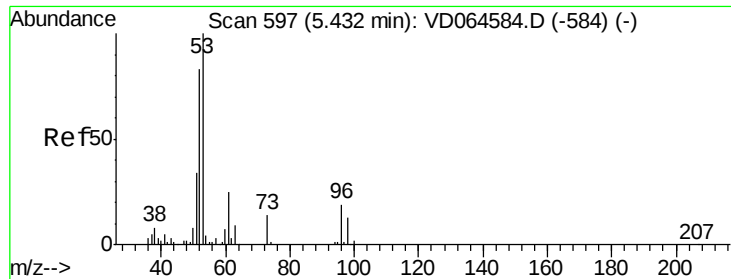
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#14
Allyl chloride
Concen: 50.911 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 41 Resp: 304669
Ion Ratio Lower Upper
41 100
39 78.3 62.3 93.5
76 37.8 29.7 44.5





#15

Acrylonitrile

Concen: 242.050 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

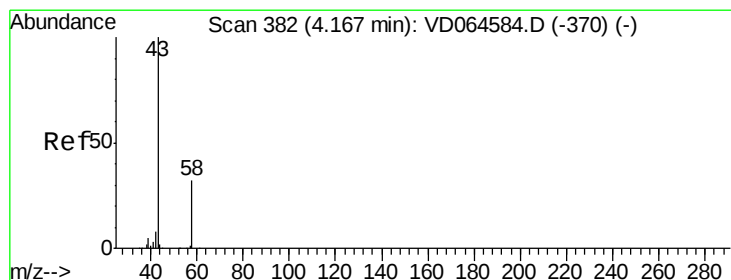
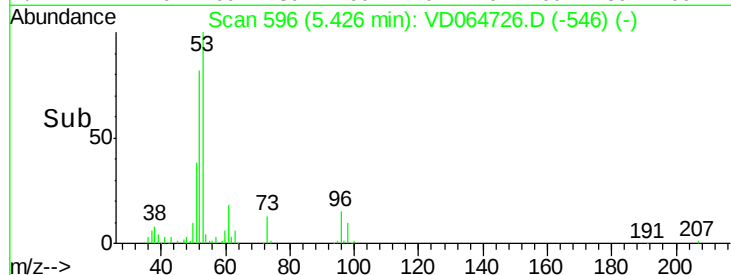
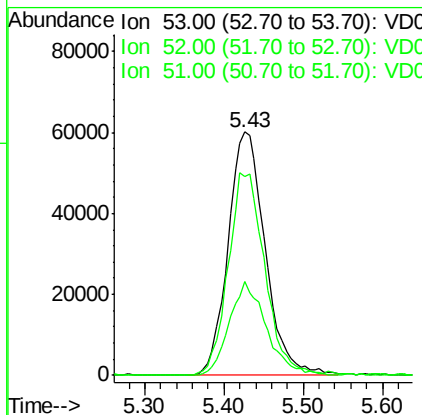
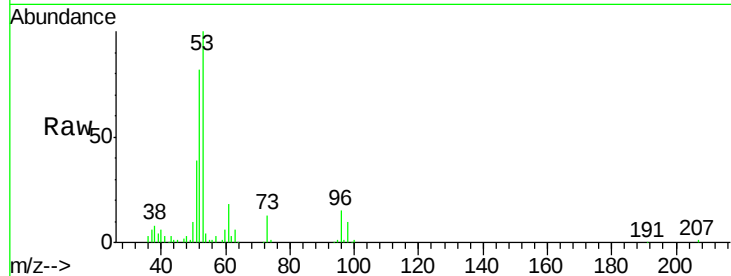
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	194899
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.2
51	38.6	30.1	45.1

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#16

Acetone

Concen: 300.474 ug/l

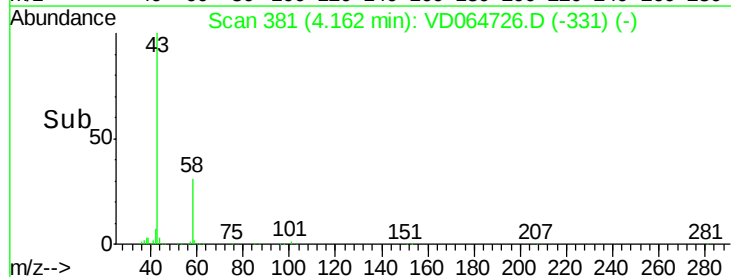
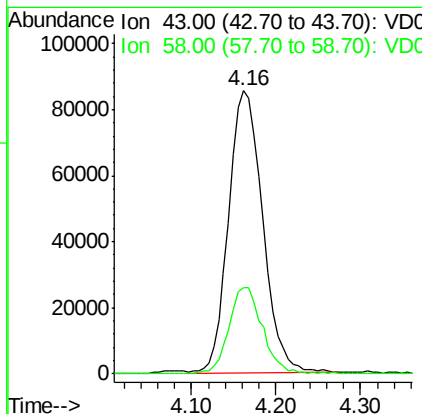
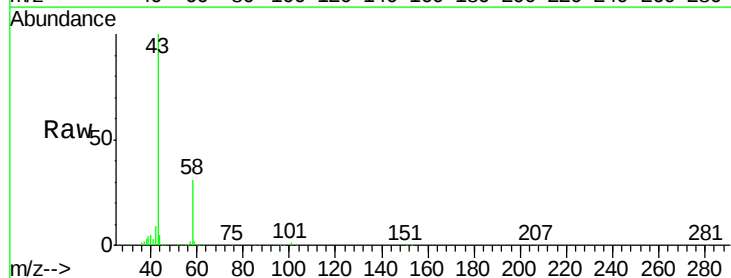
RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	43	Resp:	238017
Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.8	38.6





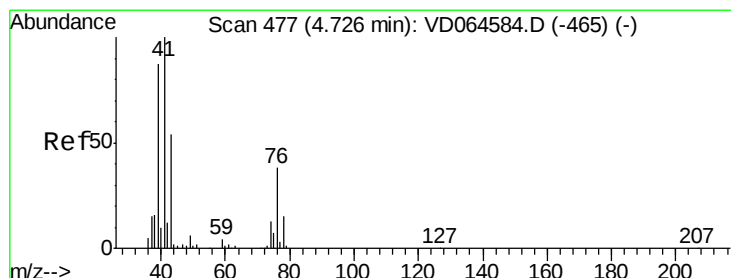
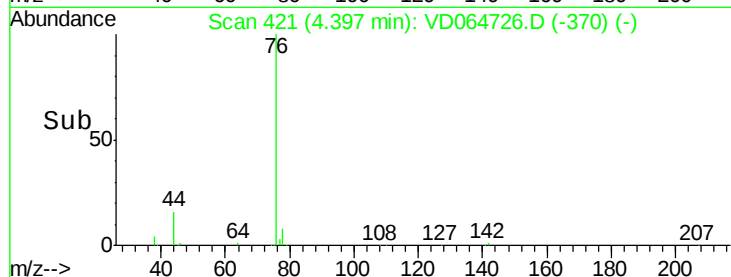
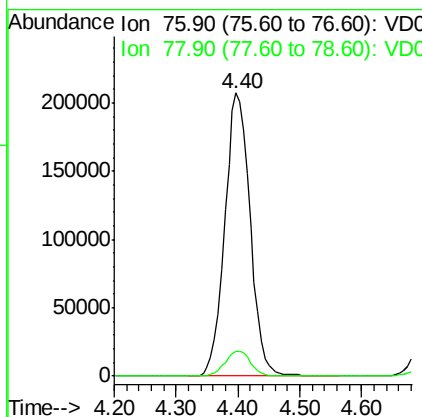
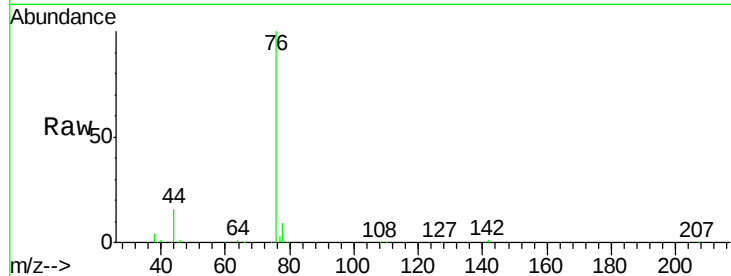
#17
Carbon Disulfide
Concen: 47.637 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

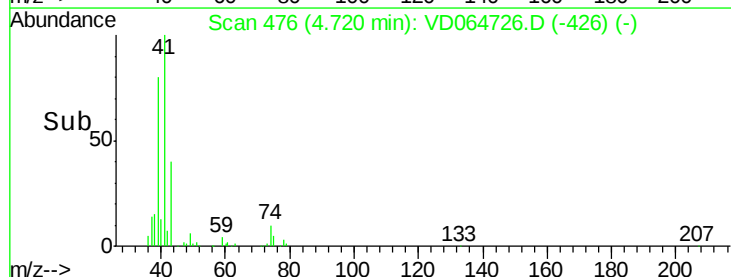
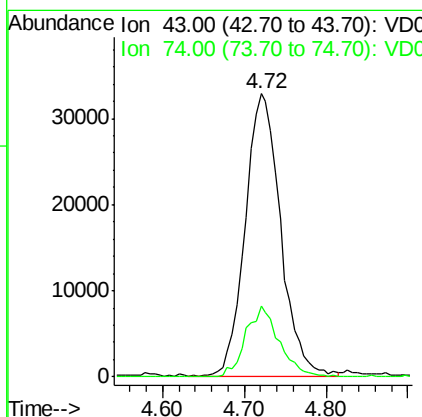
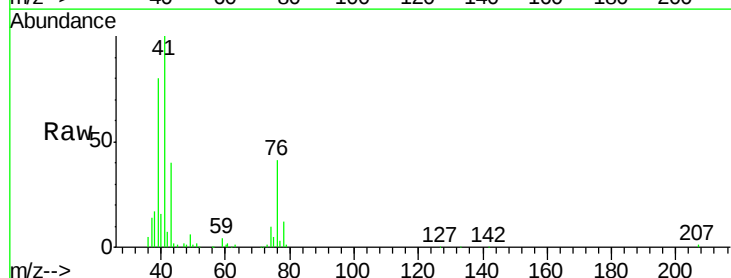
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#18
Methyl Acetate
Concen: 45.927 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.2	28.8





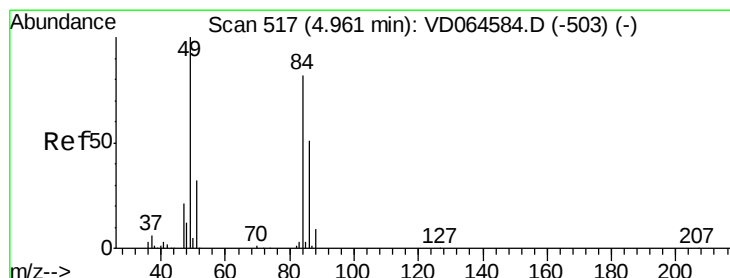
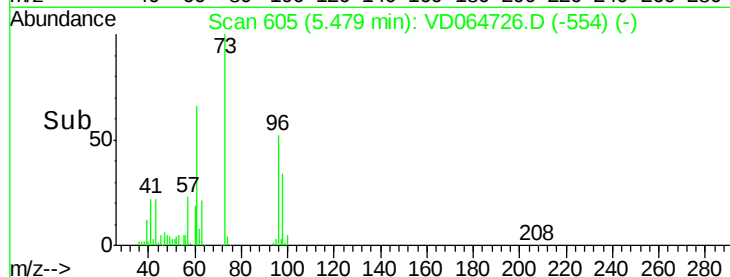
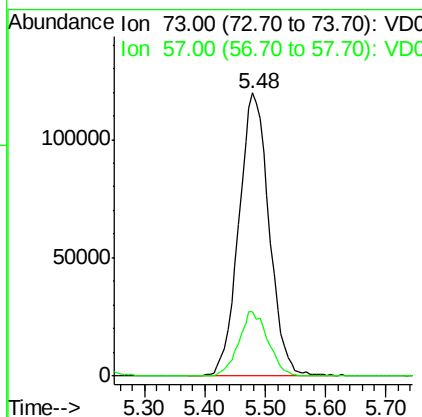
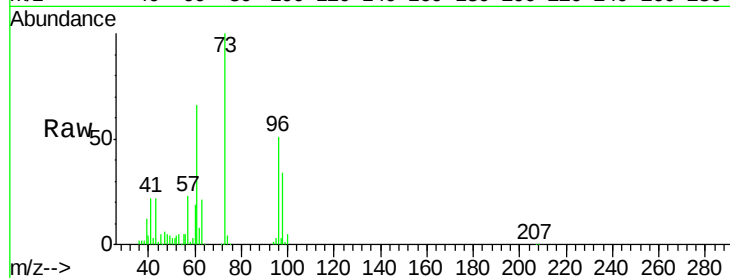
#19
Methyl tert-butyl Ether
Concen: 48.820 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 416202
Ion Ratio Lower Upper
73 100
57 22.9 18.6 27.8

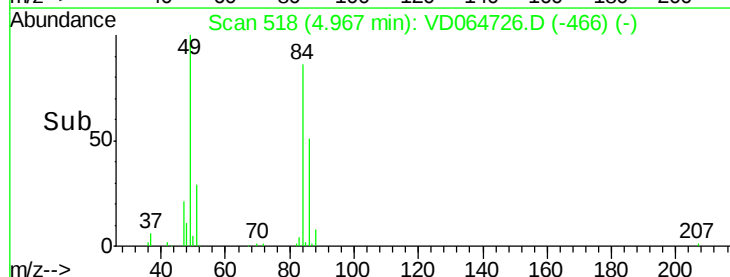
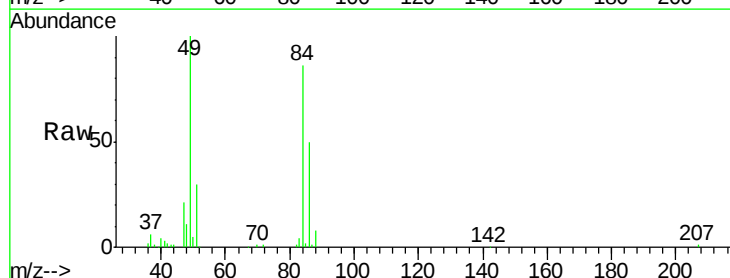
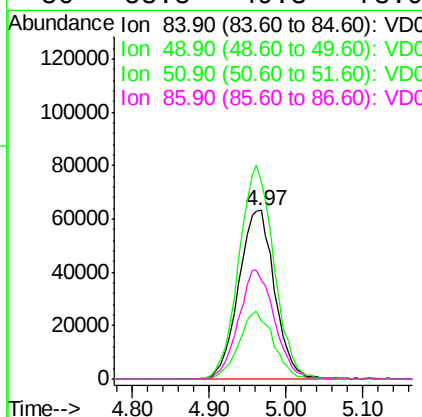
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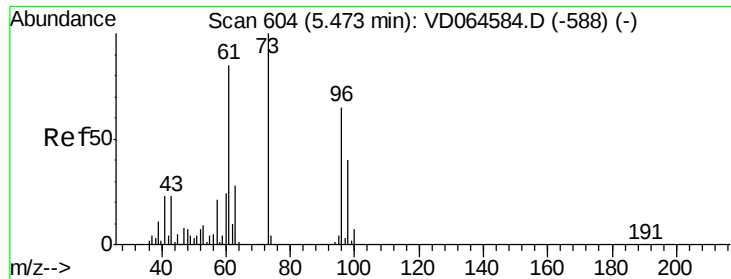
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#20
Methylene Chloride
Concen: 52.683 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 84 Resp: 206244
Ion Ratio Lower Upper
84 100
49 116.7 97.2 145.8
51 34.5 31.4 47.0
86 58.8 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 49.983 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

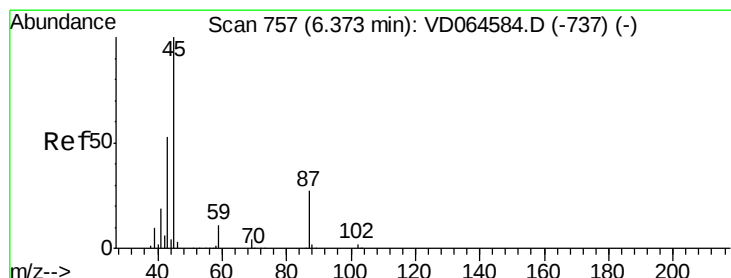
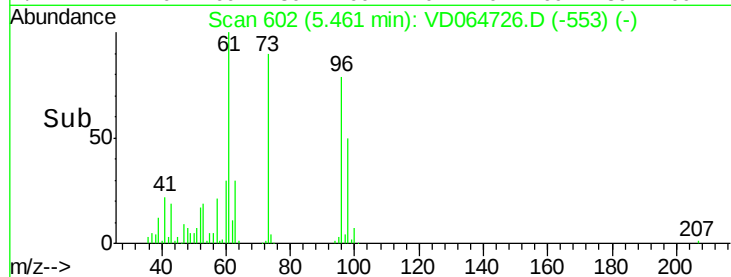
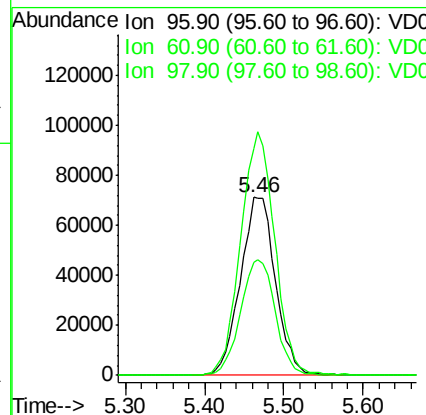
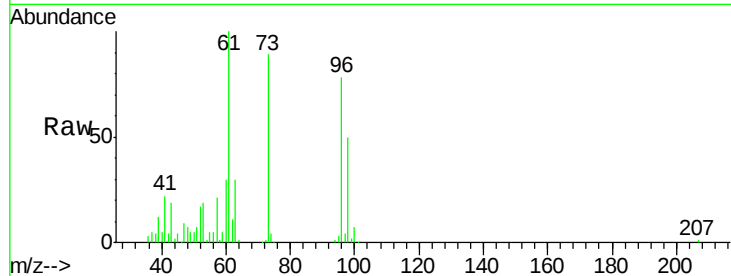
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	218482
Ion	Ratio	Lower	Upper
96	100		
61	127.4	104.7	157.1
98	63.4	49.4	74.2

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#22

Diisopropyl ether

Concen: 49.635 ug/l

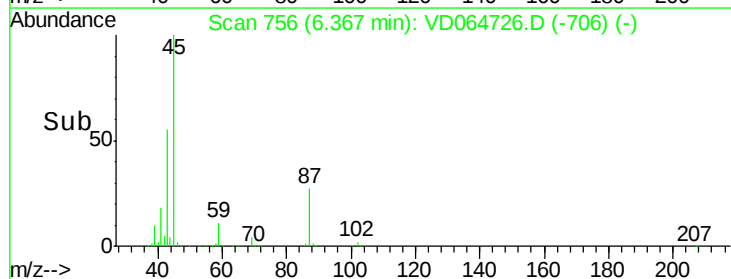
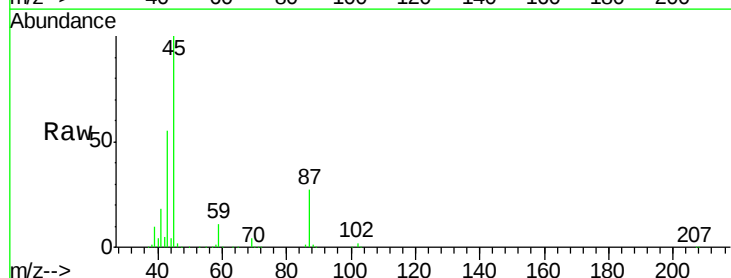
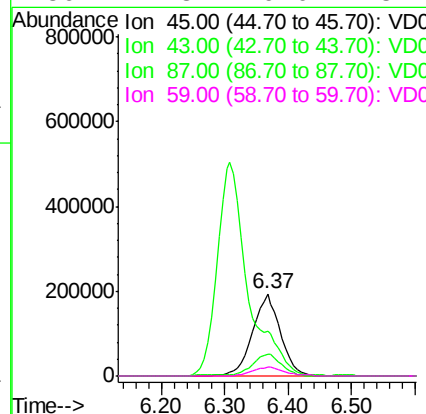
RT: 6.37 min Scan# 756

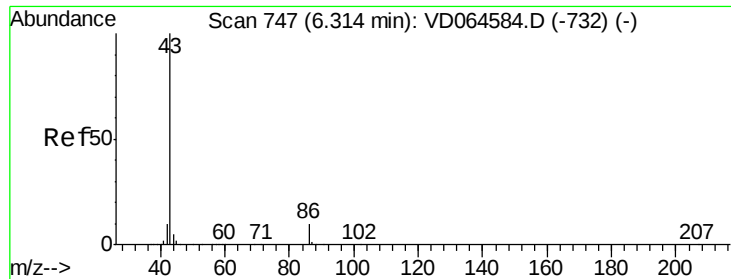
Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	45	Resp:	592452
Ion	Ratio	Lower	Upper
45	100		
43	53.9	43.2	64.8
87	26.9	21.9	32.9
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 253.828 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1718656

Ion Ratio Lower Upper

43 100

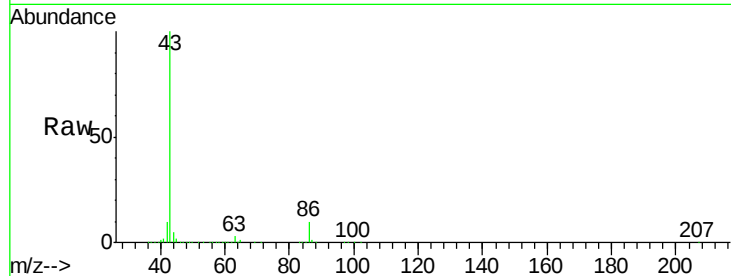
86 10.3 8.3 12.5

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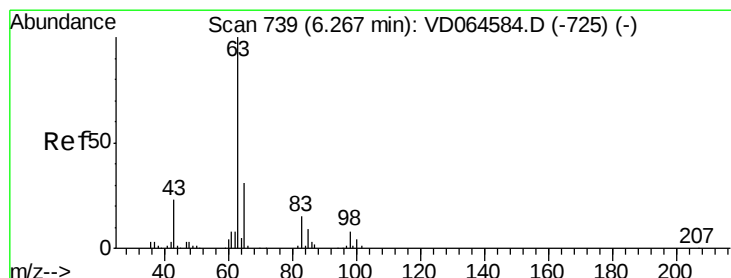
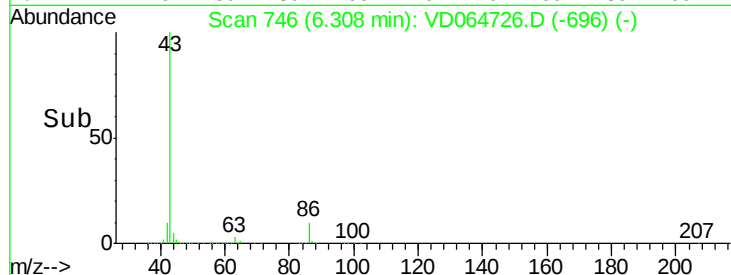
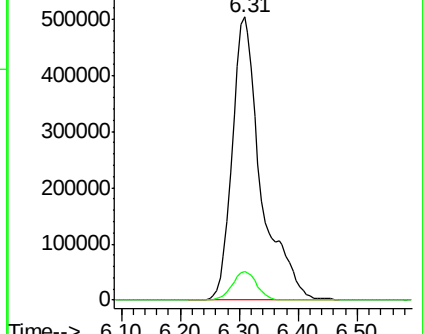
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.543 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

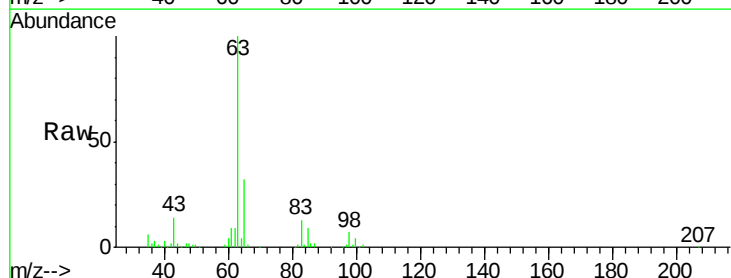
Tgt Ion: 63 Resp: 369344

Ion Ratio Lower Upper

63 100

98 6.7 4.1 12.3

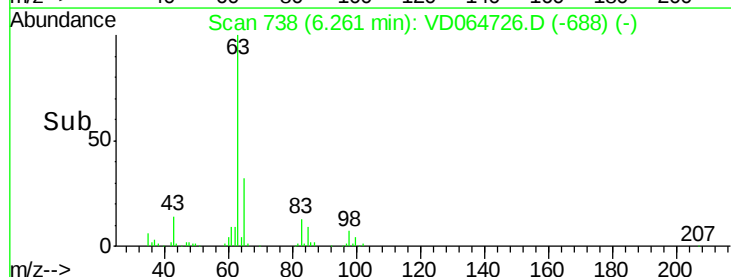
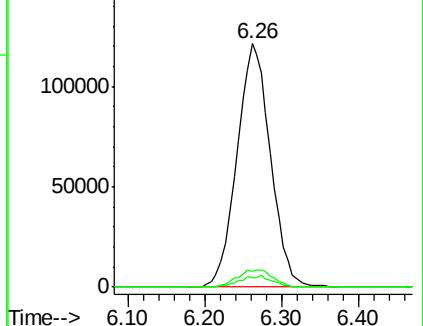
100 4.0 2.2 6.6

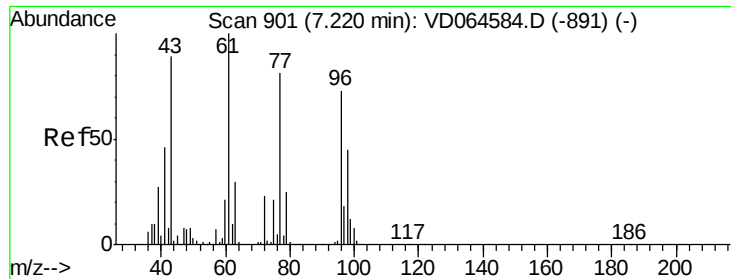


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 263.298 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 278422

Ion Ratio Lower Upper

43 100

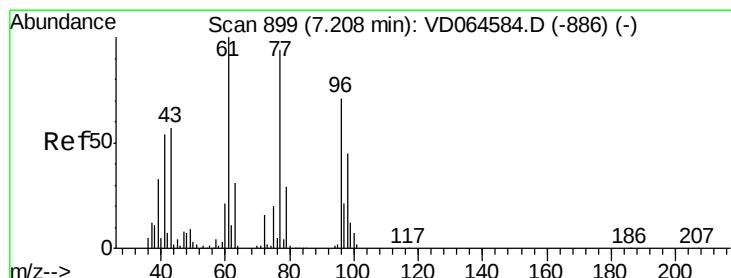
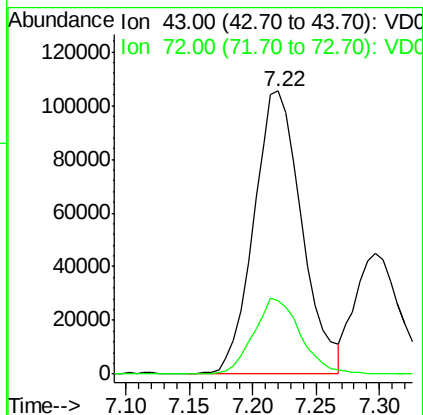
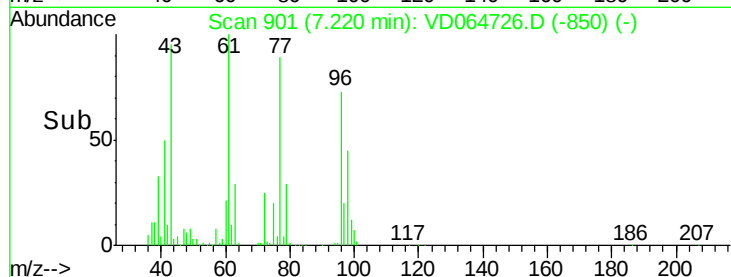
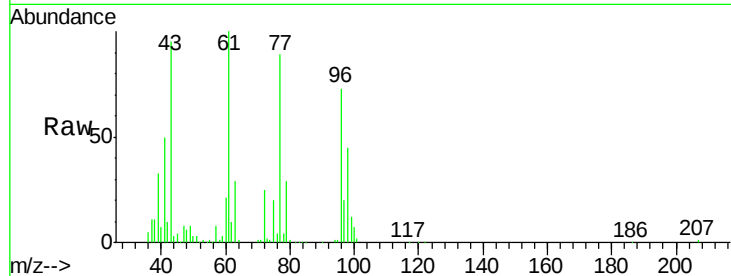
72 25.8 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 52.977 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064726.D

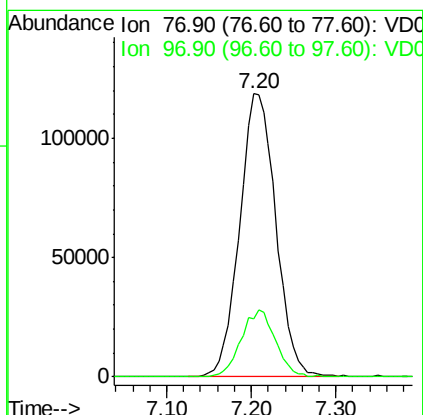
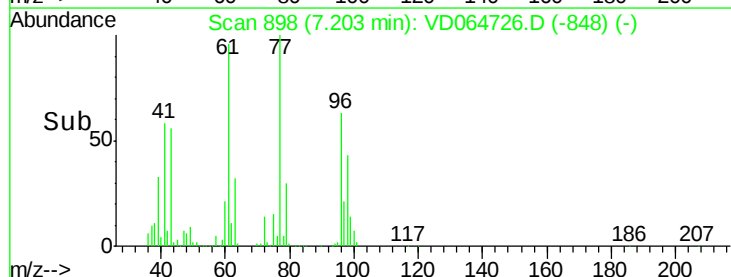
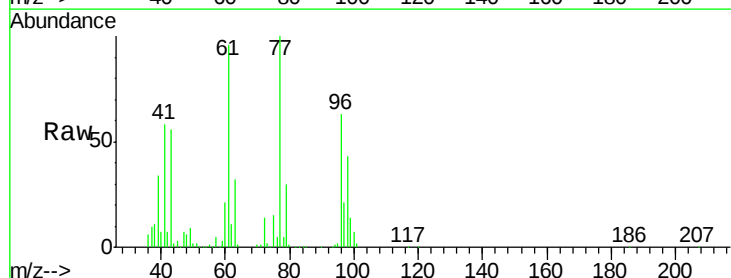
Acq: 03 Jan 2020 11:01

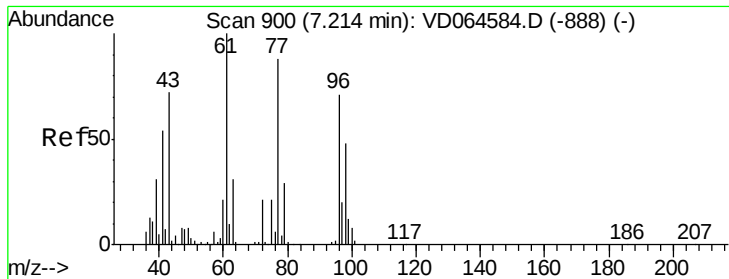
Tgt Ion: 77 Resp: 352951

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

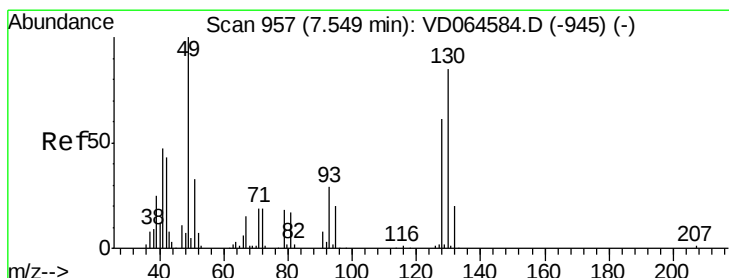
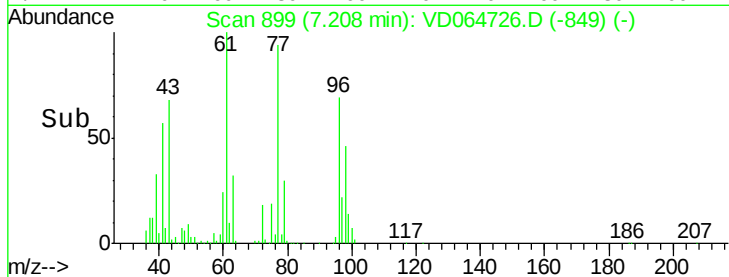
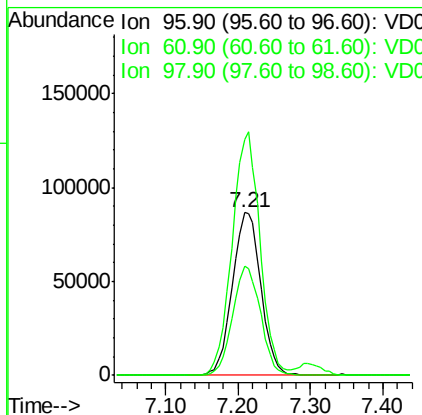
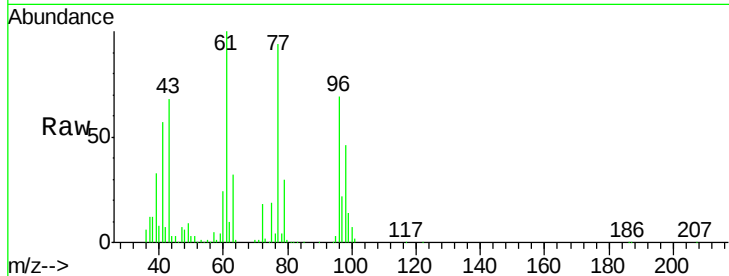
cis-1,2-Dichloroethene
 Concen: 50.200 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	236817		
61	145.7	0.0	282.6	
98	65.3	0.0	130.8	

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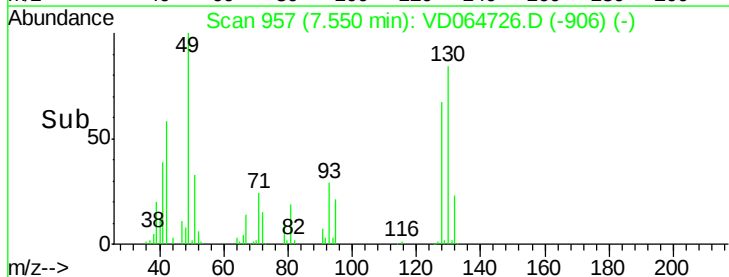
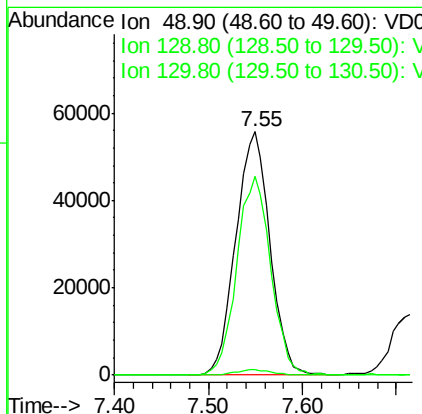
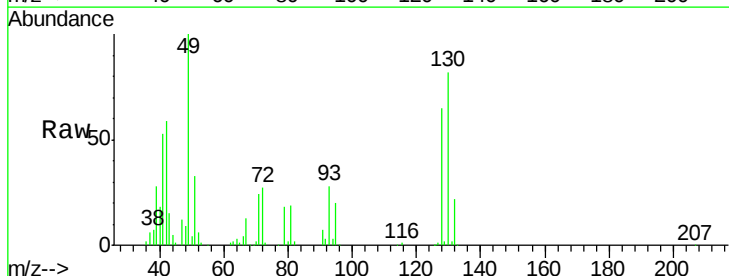
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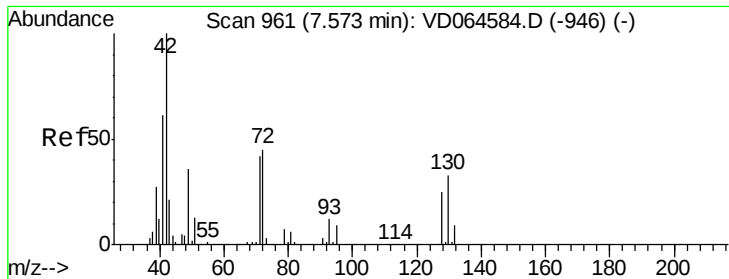


#28

Bromochloromethane
 Concen: 50.326 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	140185		
129	2.3	0.0	4.8	
130	81.2	65.0	97.6	





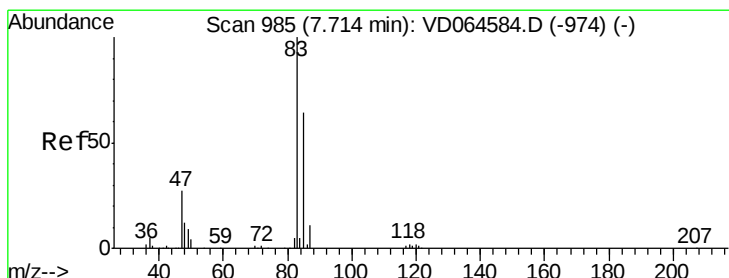
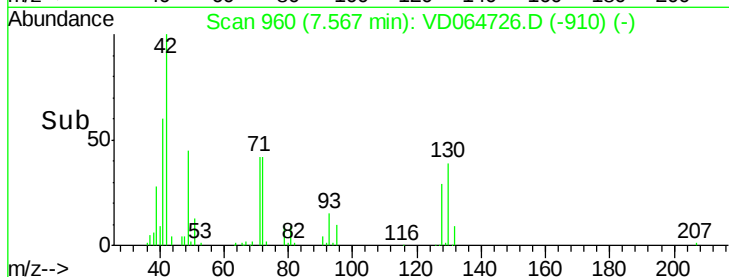
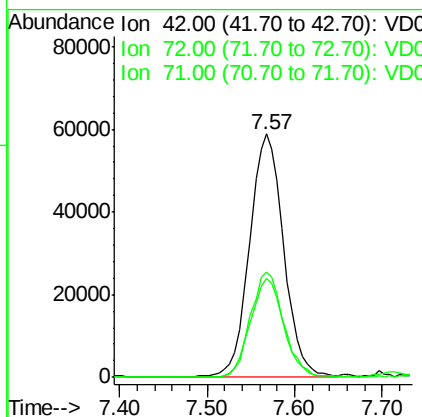
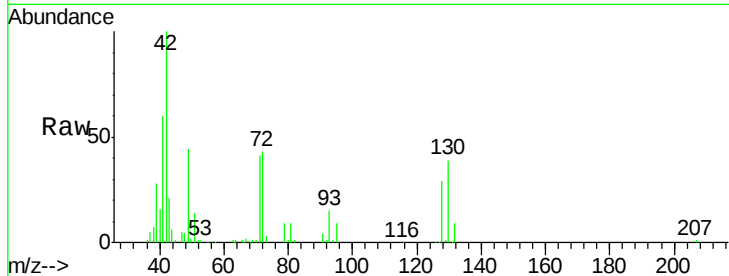
#29
Tetrahydrofuran
Concen: 238.245 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	156669		
72	42.4	35.0	52.4	
71	39.8	32.9	49.3	

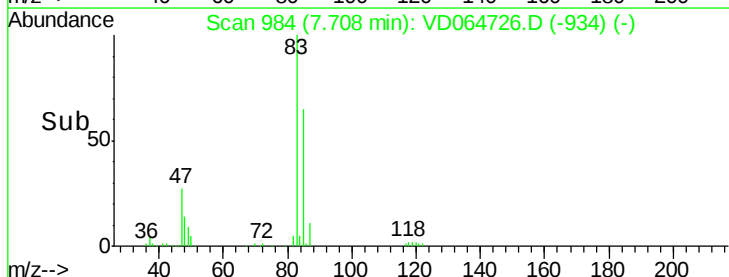
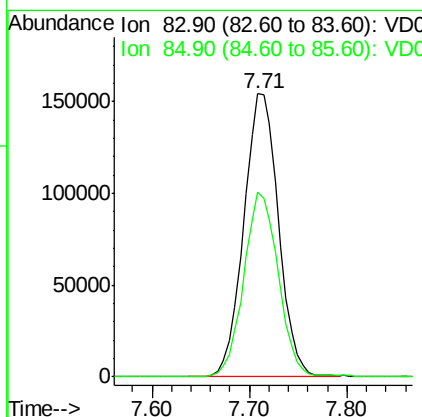
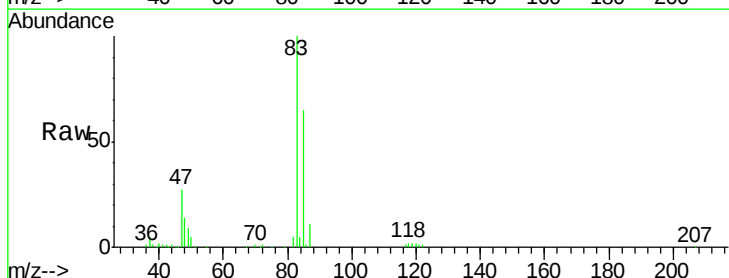
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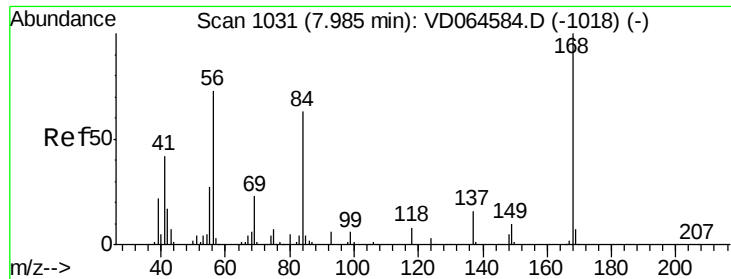
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#30
Chloroform
Concen: 50.908 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	382731		
85	65.3	51.1	76.7	





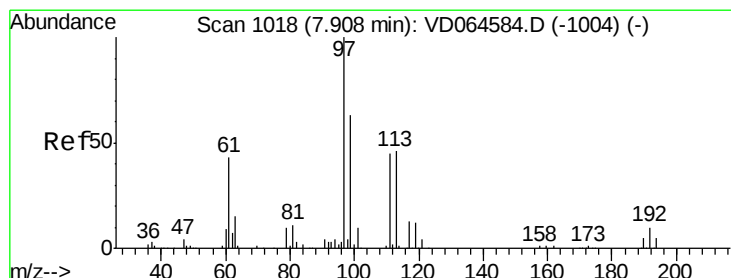
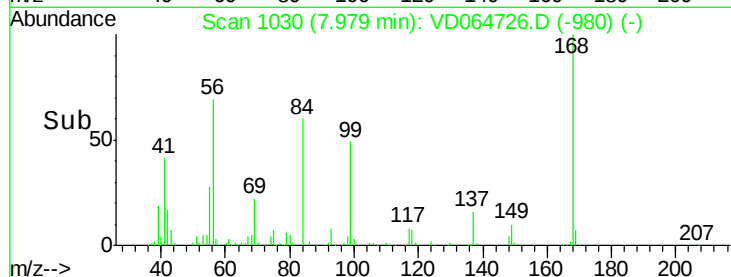
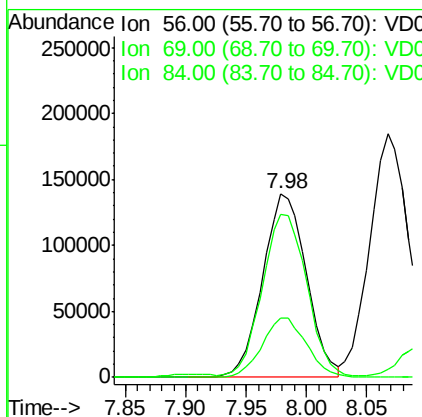
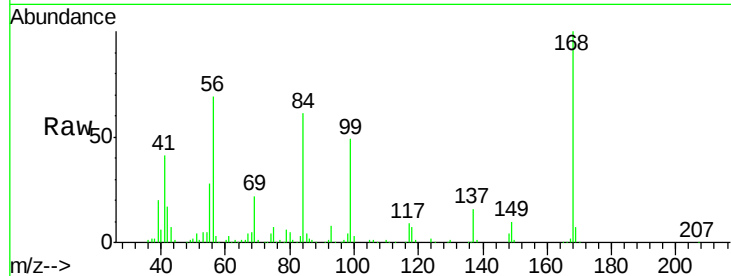
#31
Cyclohexane
Concen: 48.879 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.7	37.1
84	86.6	69.4	104.2

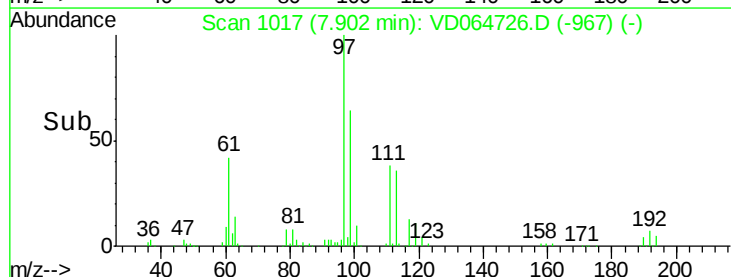
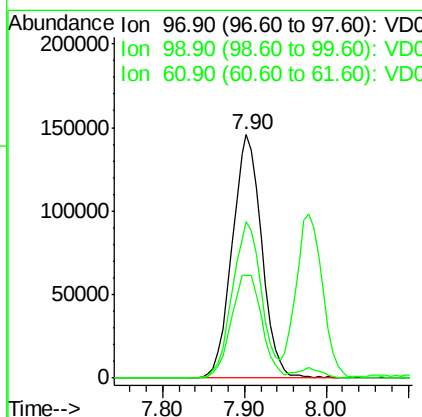
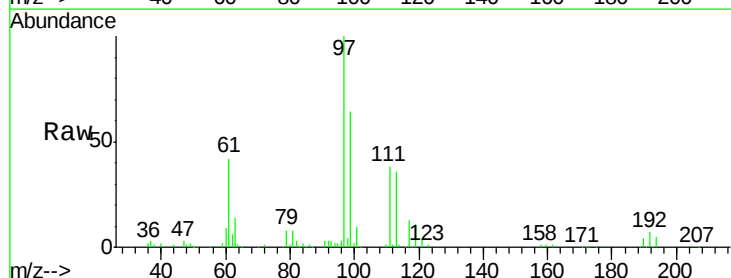
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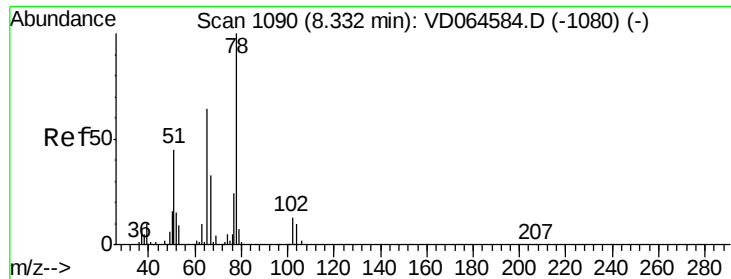
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#32
1,1,1-Trichloroethane
Concen: 51.785 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.6
61	44.1	35.4	53.0





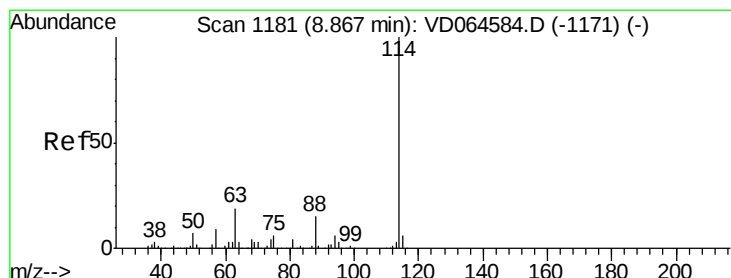
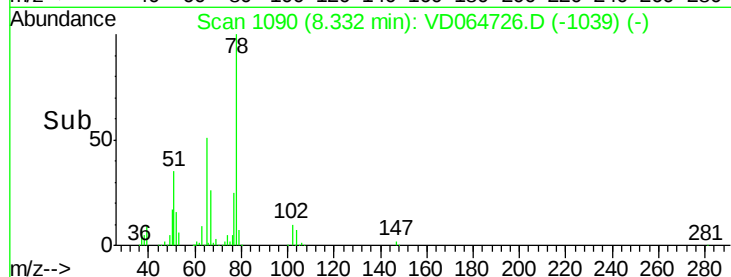
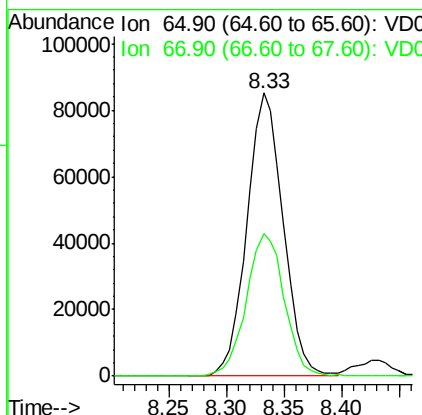
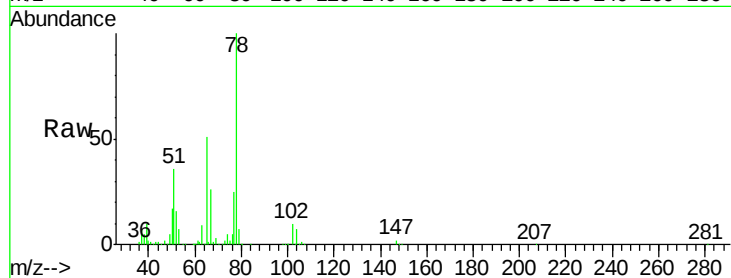
#33
 1,2-Dichloroethane-d4
 Concen: 48.379 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	186111		
67	52.7	0.0	106.2	

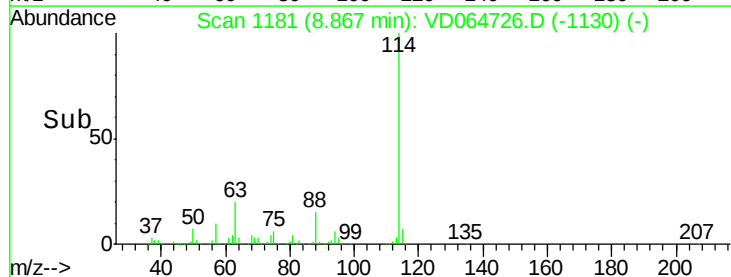
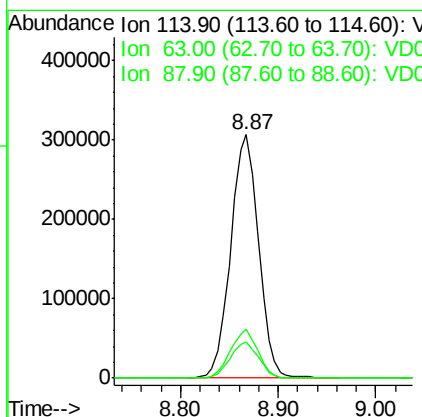
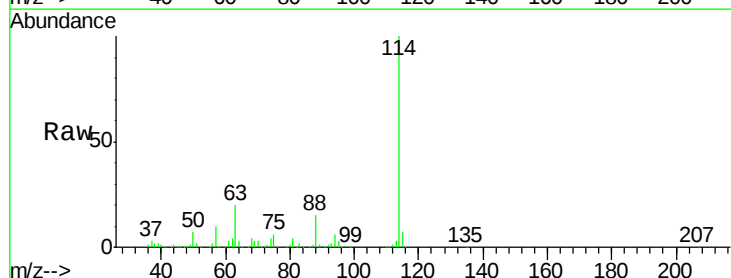
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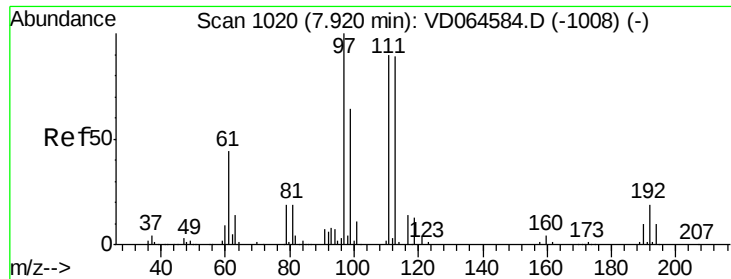
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	610137		
63	20.2	0.0	38.0	
88	14.7	0.0	29.2	





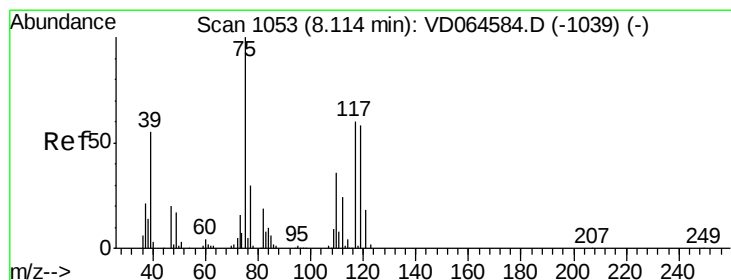
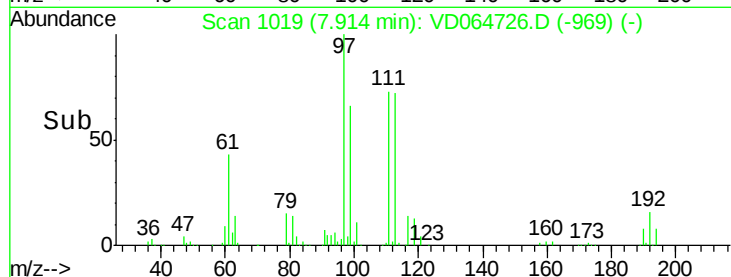
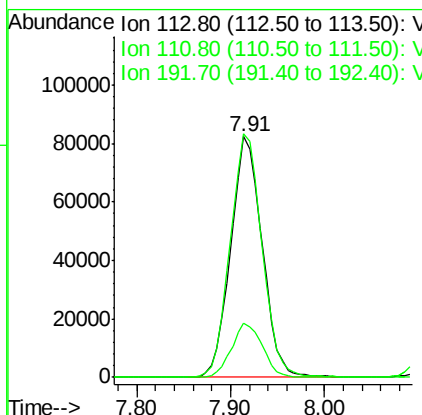
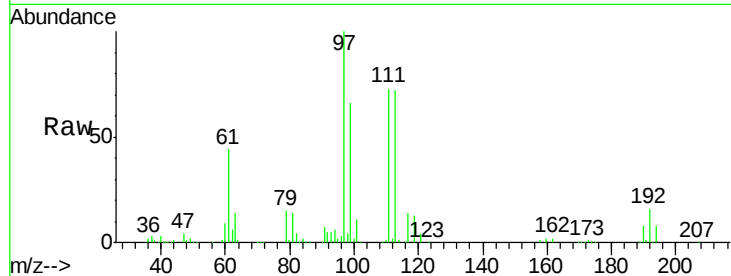
#35
 Dibromofluoromethane
 Concen: 51.175 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	191564		
111	102.6	80.6	121.0	
192	22.0	17.9	26.9	

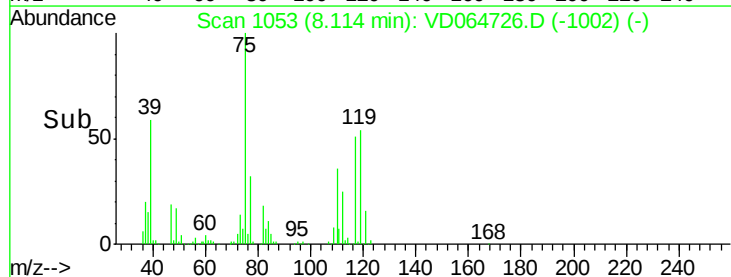
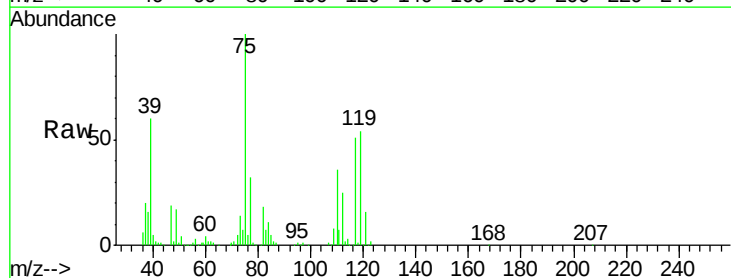
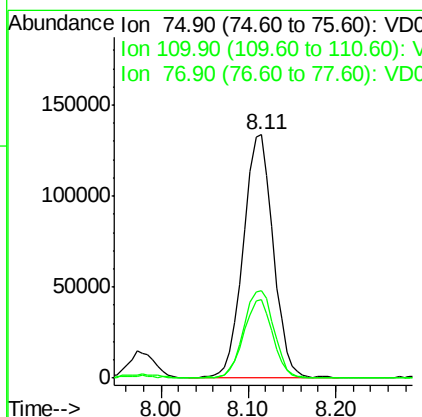
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#36
 1,1-Dichloropropene
 Concen: 52.550 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	308601		
110	36.6	18.1	54.1	
77	31.7	24.2	36.4	





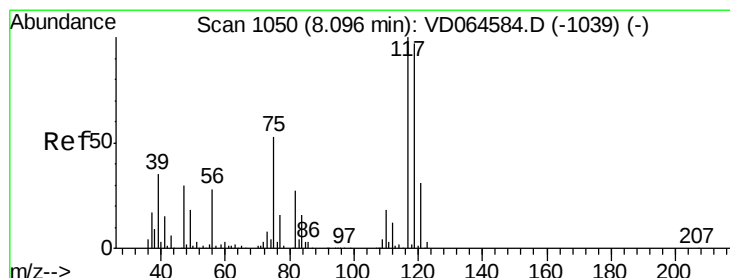
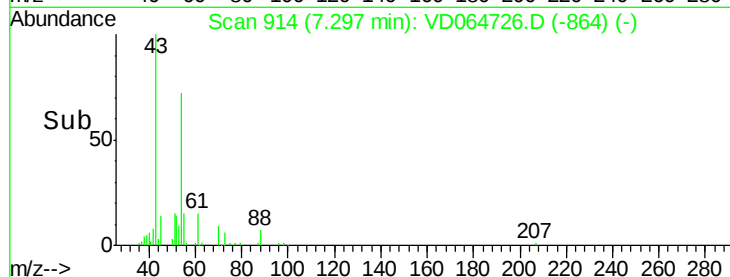
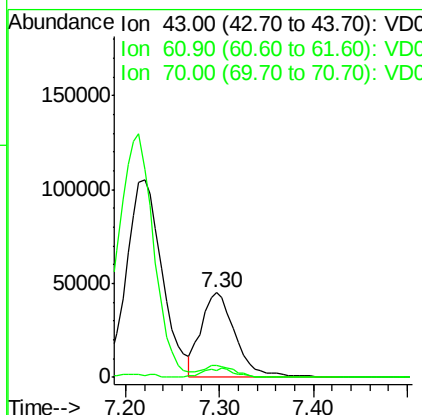
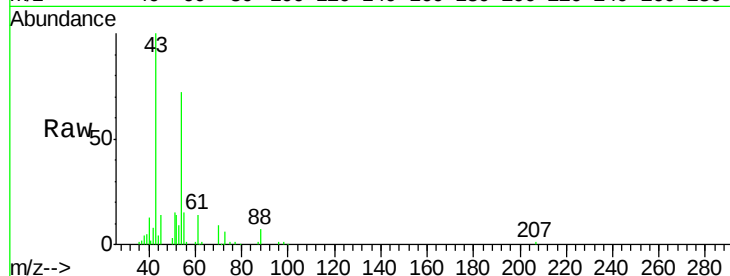
#37
Ethyl Acetate
Concen: 49.174 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.3	15.5
70	9.9	7.6	11.4

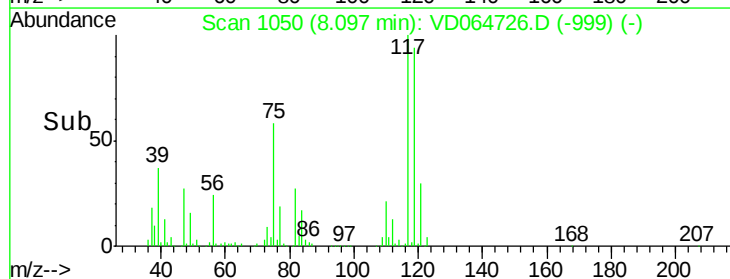
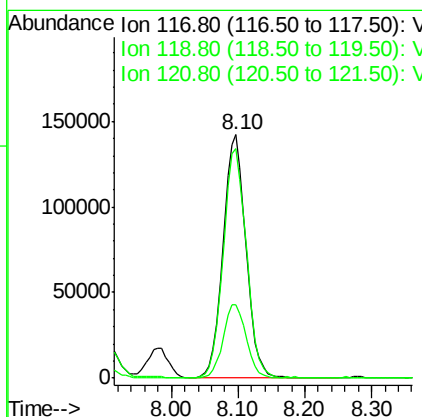
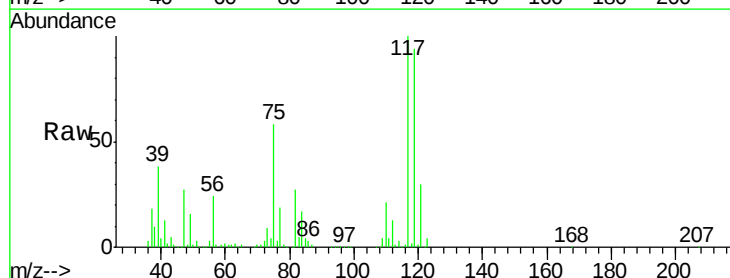
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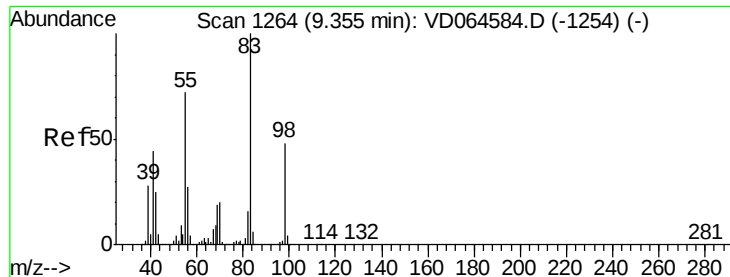
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#38
Carbon Tetrachloride
Concen: 54.898 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.3	115.9
121	30.2	25.0	37.6





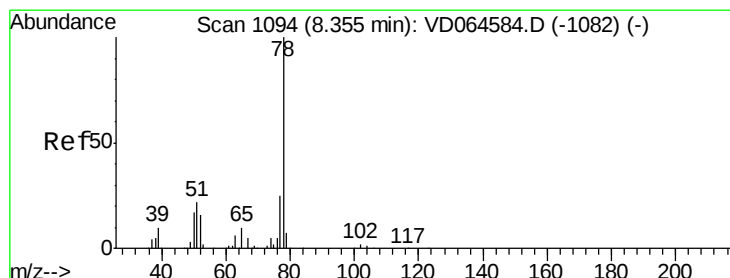
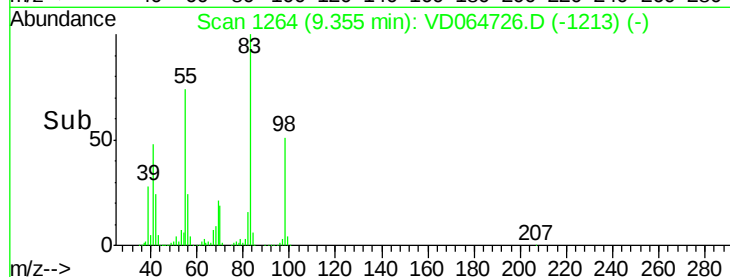
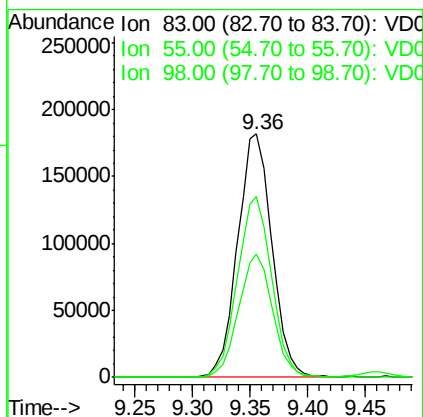
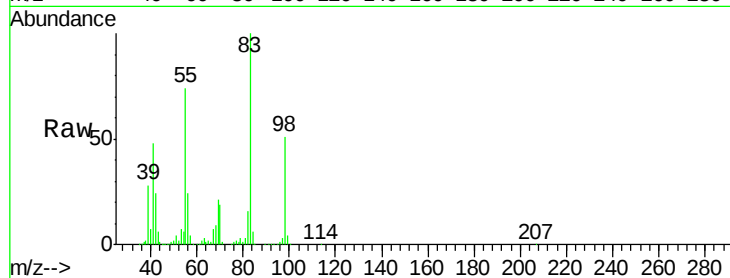
#39
Methylcyclohexane
Concen: 52.838 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.1	57.8	86.6
98	50.6	38.7	58.1

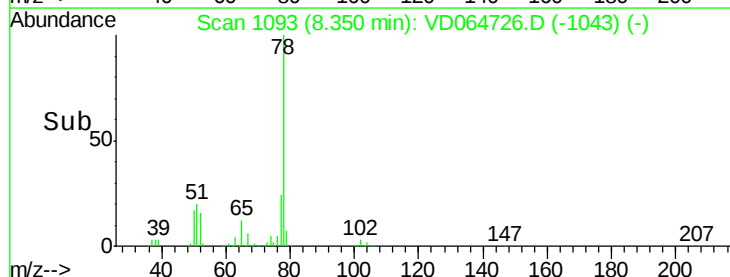
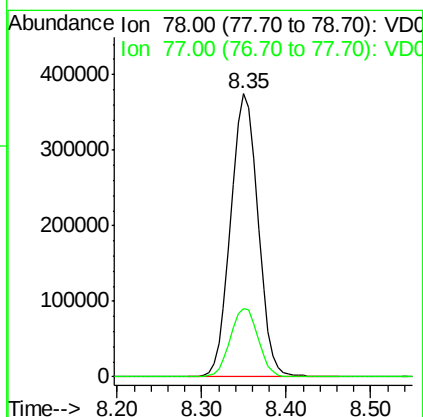
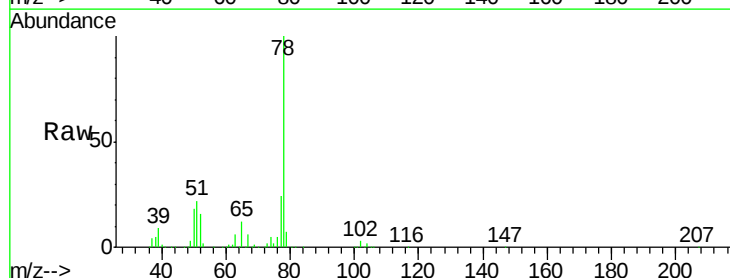
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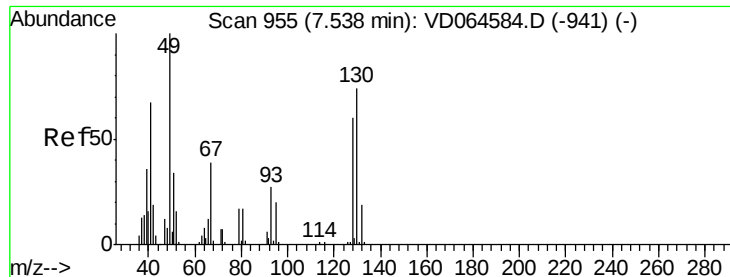
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#40
Benzene
Concen: 52.189 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.9	29.9





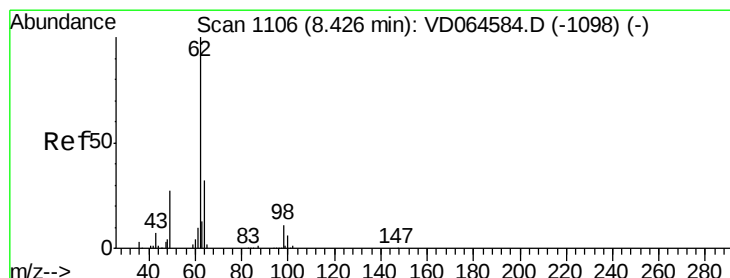
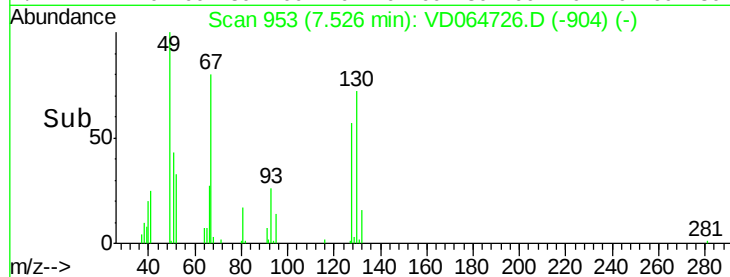
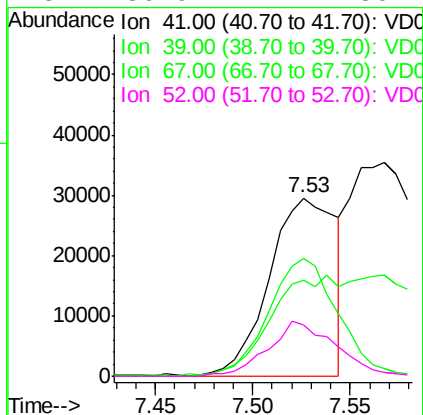
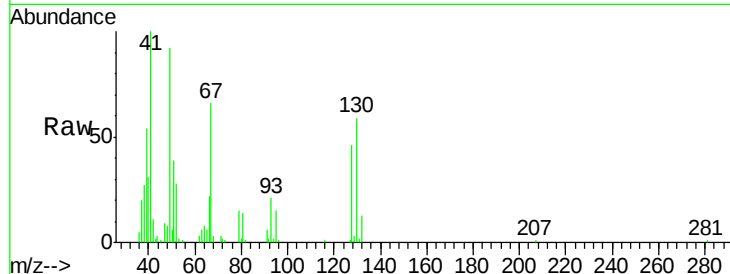
#41
Methacrylonitrile
Concen: 52.559 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	40.5	46.7	70.1#
67	68.4	52.5	78.7
52	30.9	24.1	36.1

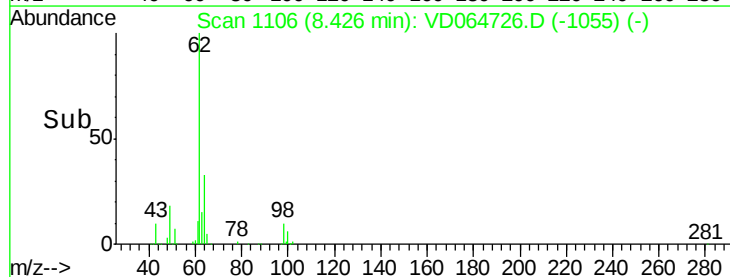
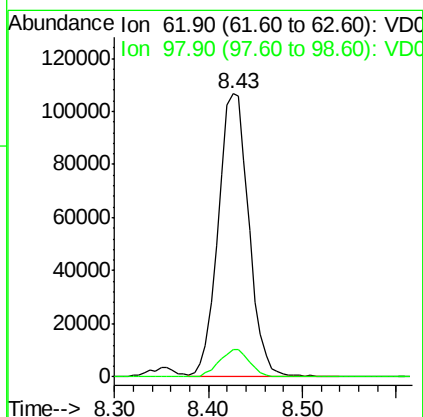
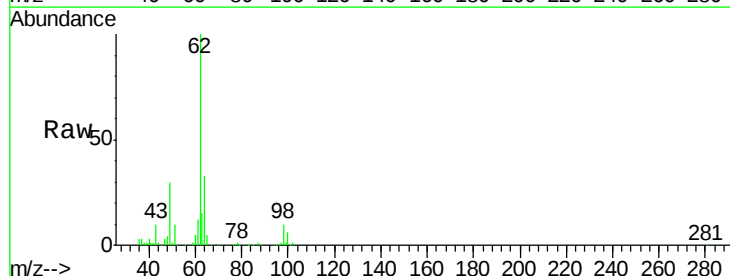
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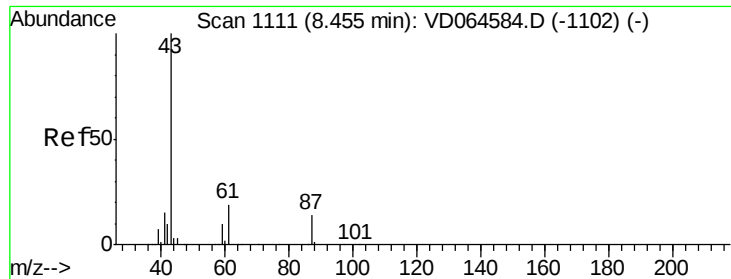
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#42
1,2-Dichloroethane
Concen: 52.280 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.0





#43

Isopropyl Acetate

Concen: 49.209 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

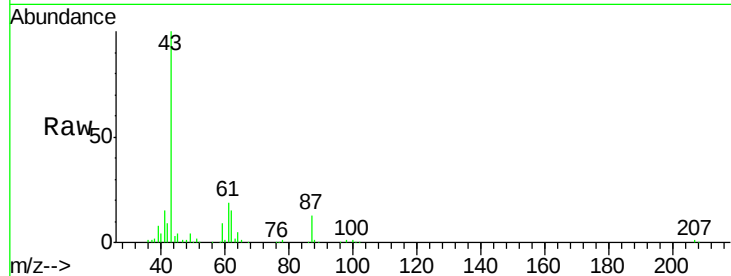
ClientSampleId :

VSTDCCC050

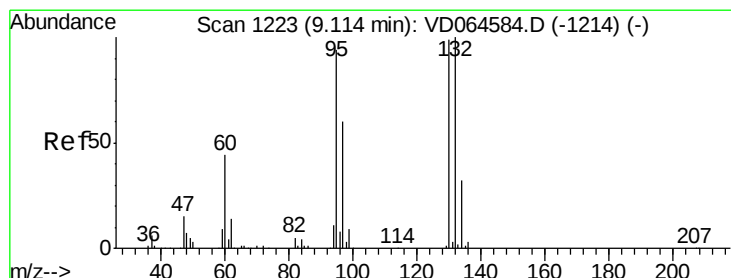
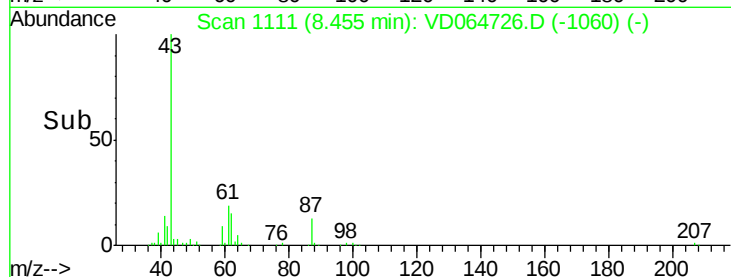
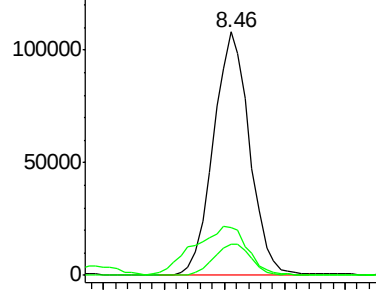
Tgt Ion:	43	Resp:	225966
Ion Ratio		Lower	Upper
43	100		
61	29.9	23.7	35.5
87	13.3	10.5	15.7

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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: 51.948 ug/l

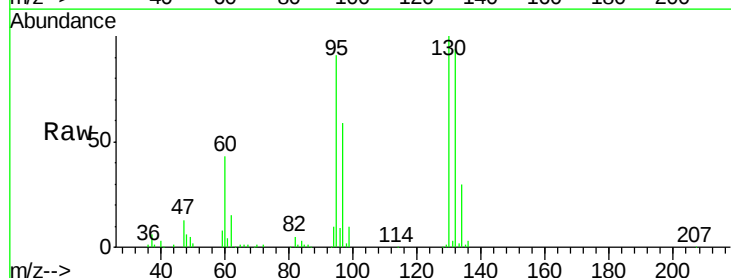
RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

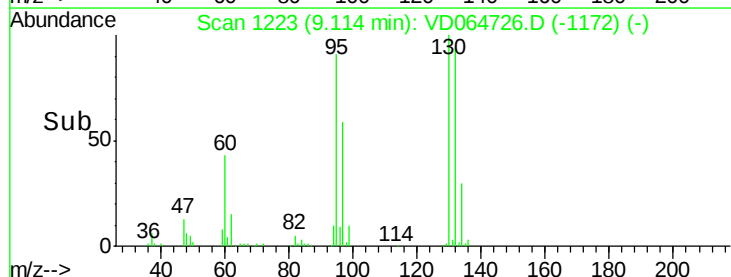
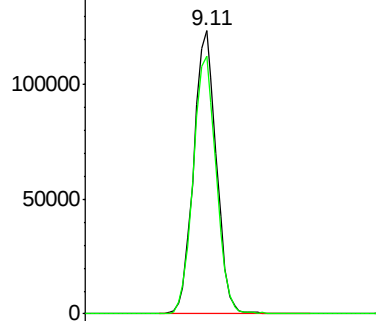
Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	130	Resp:	244649
Ion Ratio		Lower	Upper
130	100		
95	91.0	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: 51.938 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 198802

Ion Ratio Lower Upper

63 100

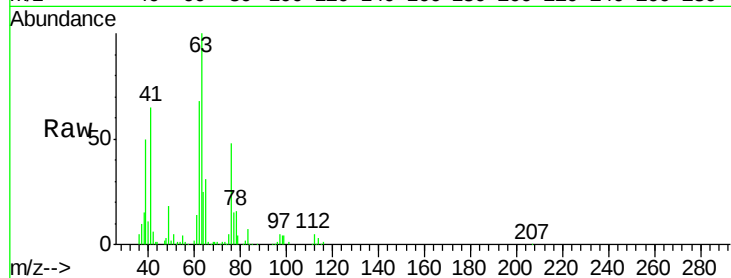
65 30.5 25.2 37.8

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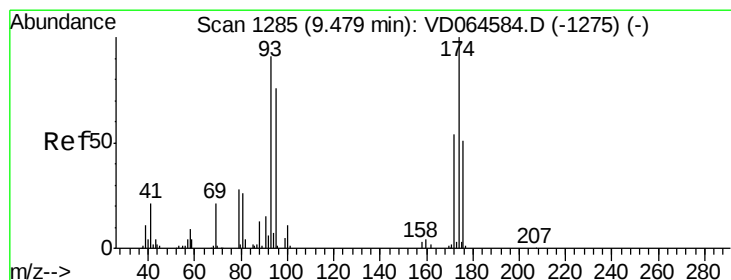
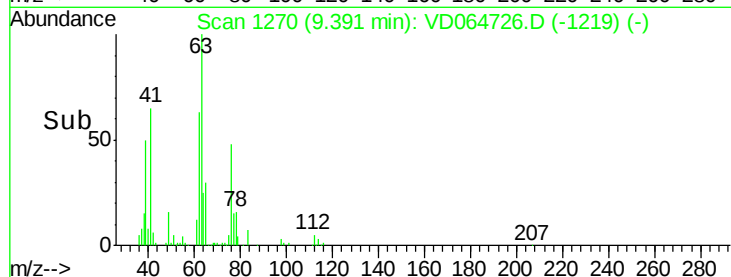
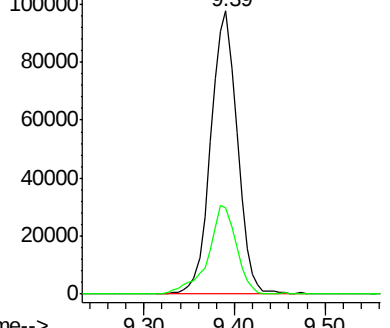
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 50.174 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

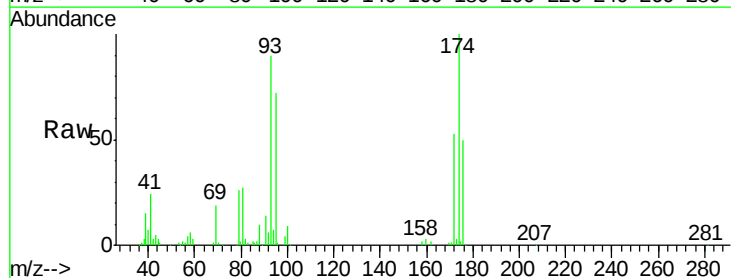
Tgt Ion: 93 Resp: 107076

Ion Ratio Lower Upper

93 100

95 83.3 64.6 97.0

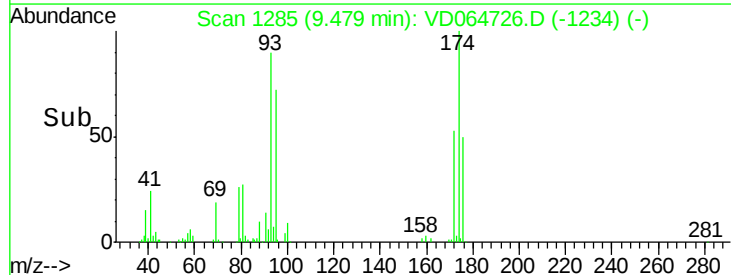
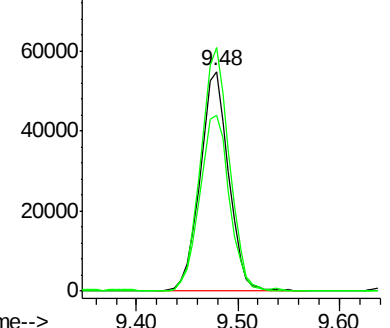
174 110.8 88.1 132.1

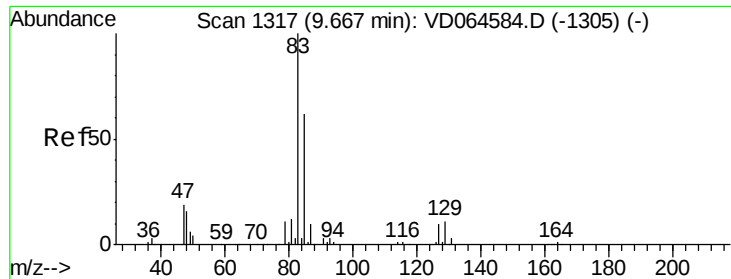


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 51.076 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

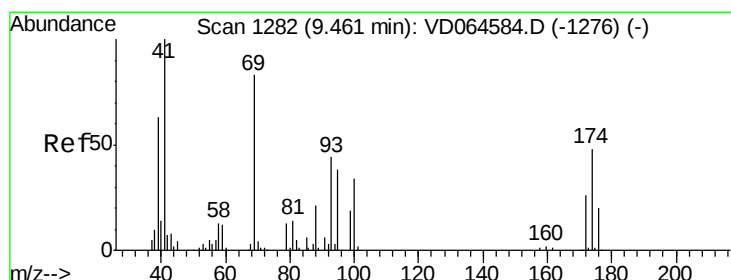
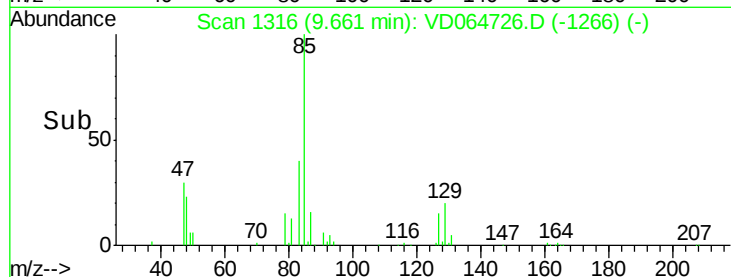
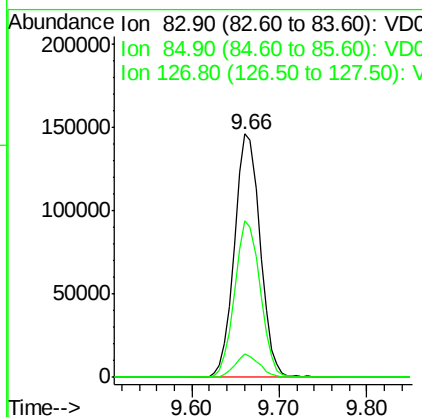
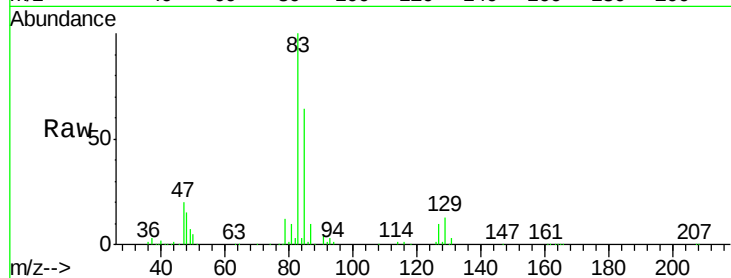
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	290047
Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.5	74.3
127	9.7	7.8	11.6

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#48

Methyl methacrylate

Concen: 47.237 ug/l

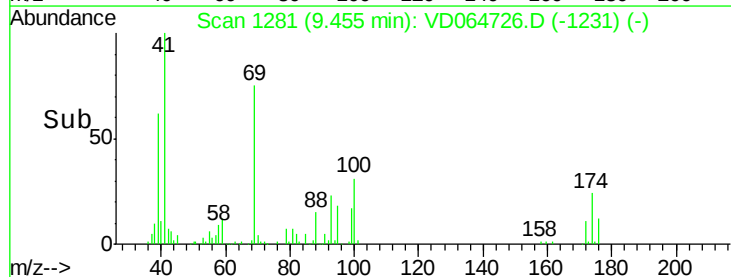
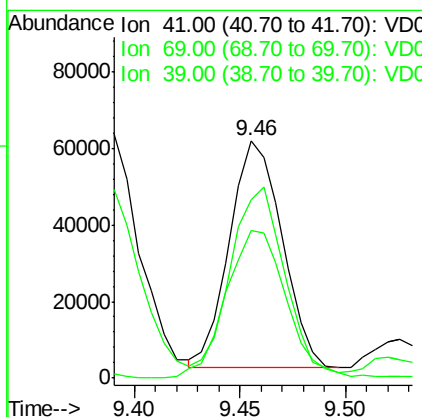
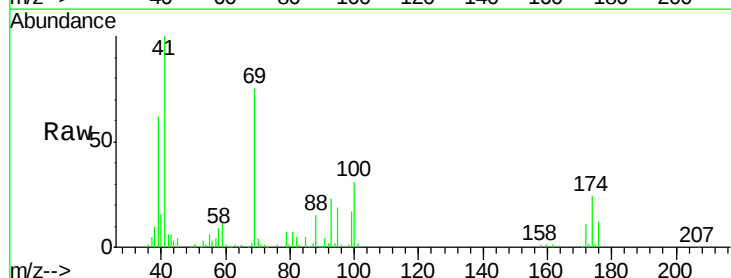
RT: 9.46 min Scan# 1281

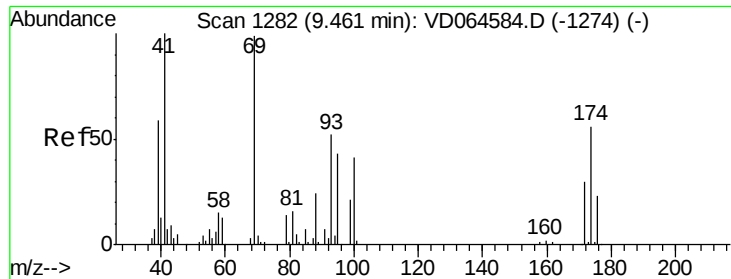
Delta R.T. -0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	41	Resp:	102133
Ion	Ratio	Lower	Upper
41	100		
69	90.0	63.0	94.6
39	67.5	47.4	71.2





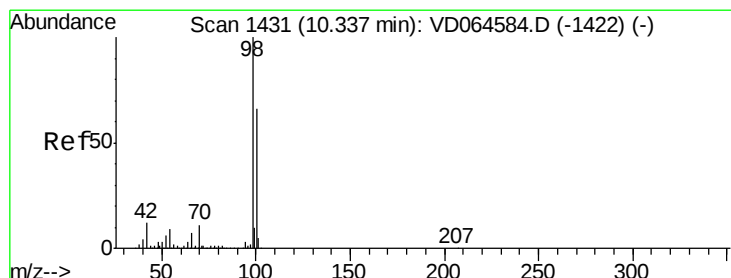
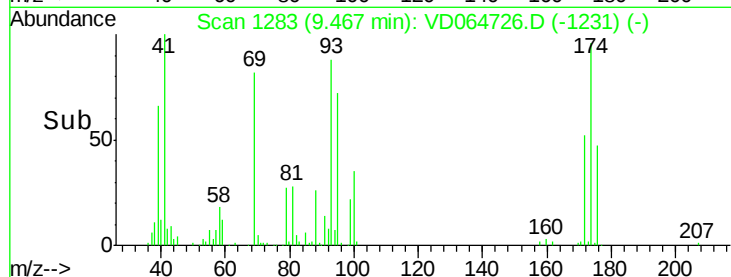
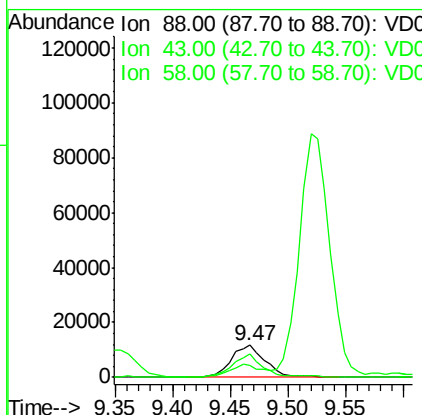
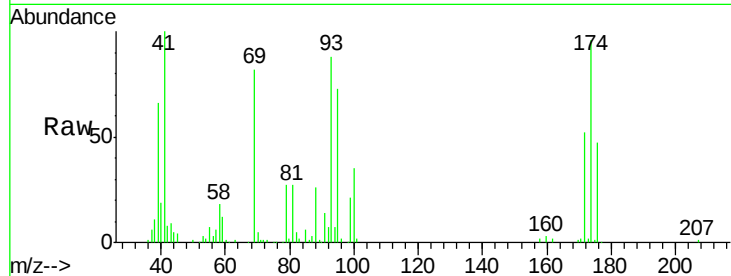
#49
1,4-Dioxane
Concen: 975.073 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.8	27.7	41.5
58	63.1	53.8	80.6

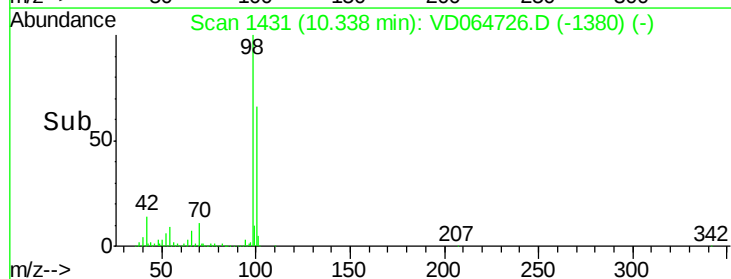
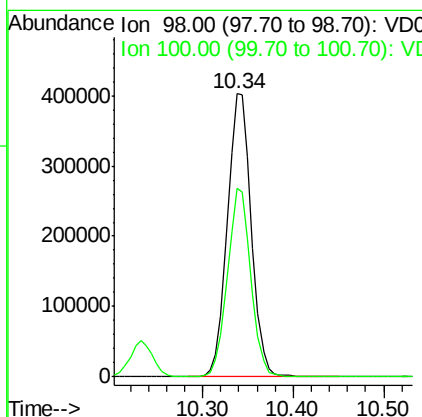
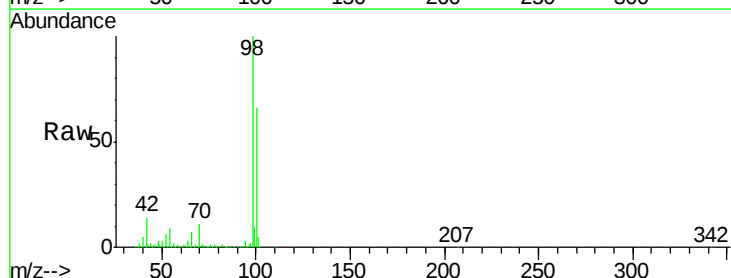
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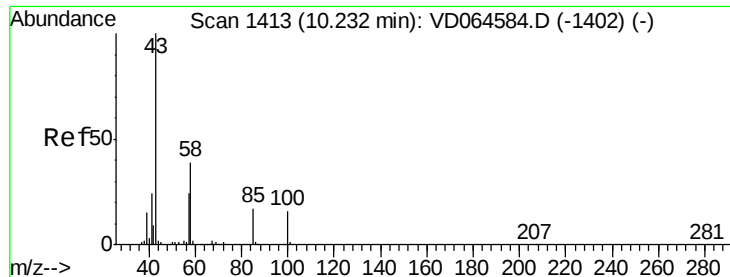
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#50
Toluene-d8
Concen: 51.566 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5





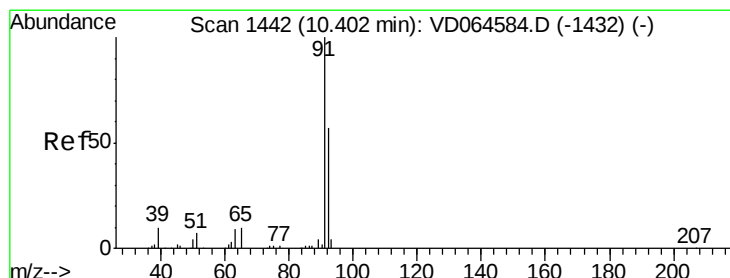
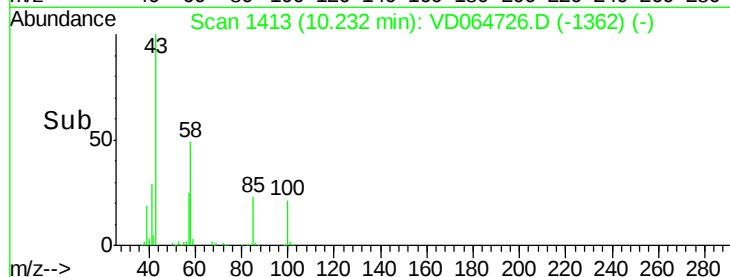
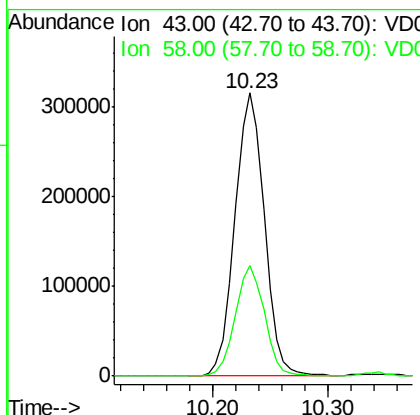
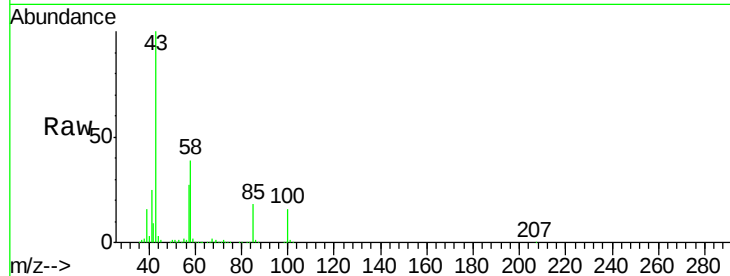
#51
 4-Methyl-2-Pentanone
 Concen: 247.064 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 560765
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.2 45.2

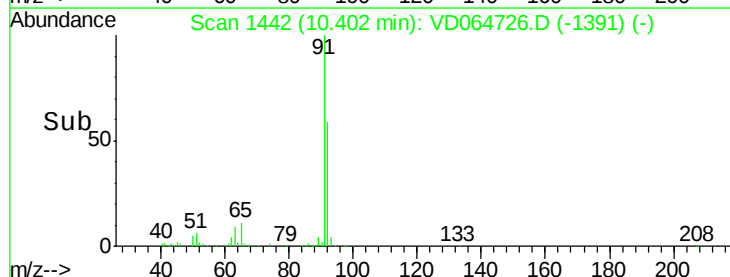
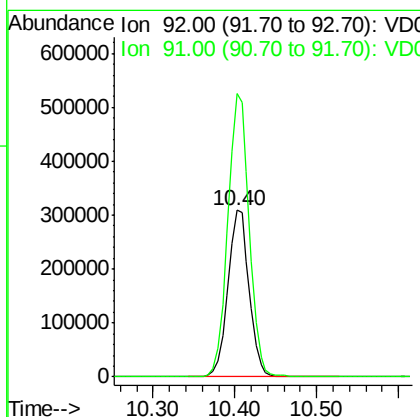
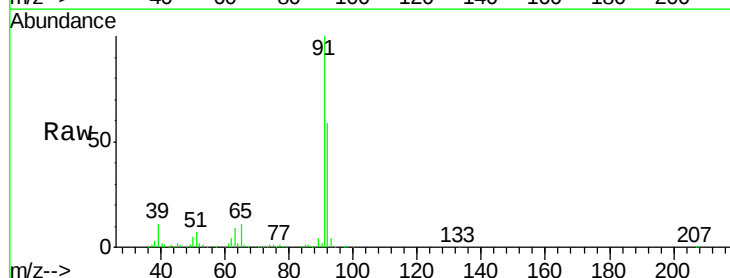
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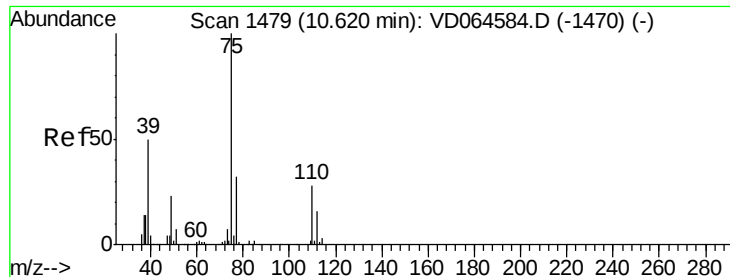
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#52
 Toluene
 Concen: 52.682 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion: 92 Resp: 554104
 Ion Ratio Lower Upper
 92 100
 91 171.8 138.7 208.1





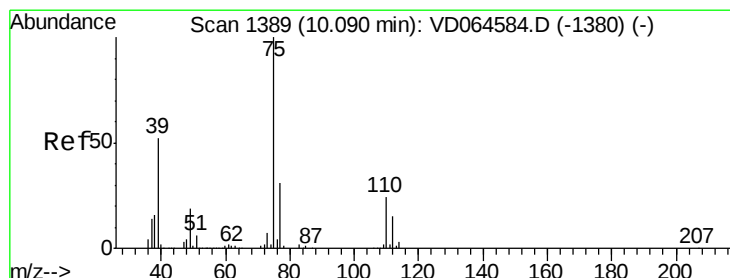
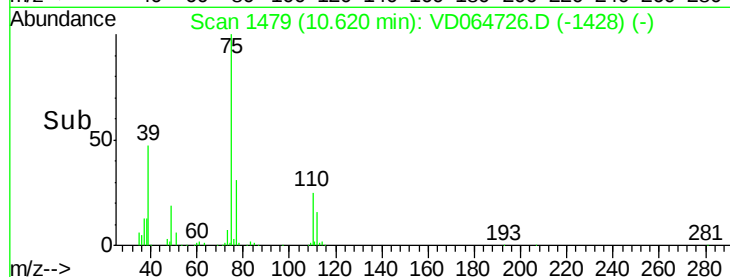
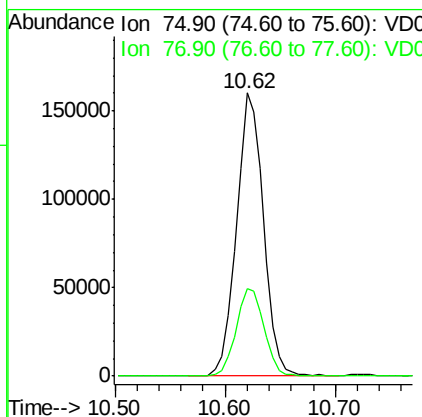
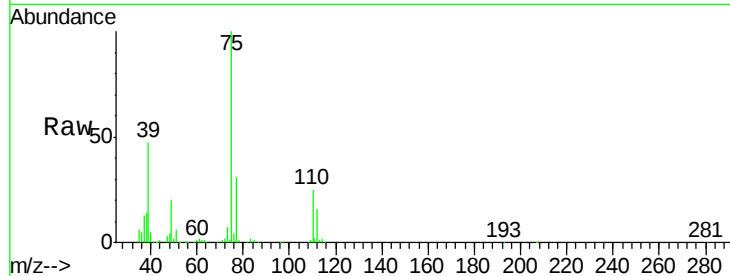
#53
t-1,3-Dichloropropene
Concen: 51.960 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 275096
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

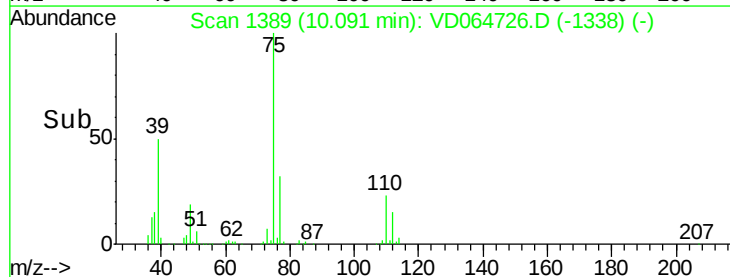
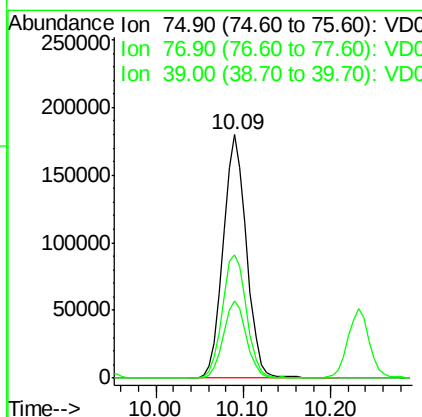
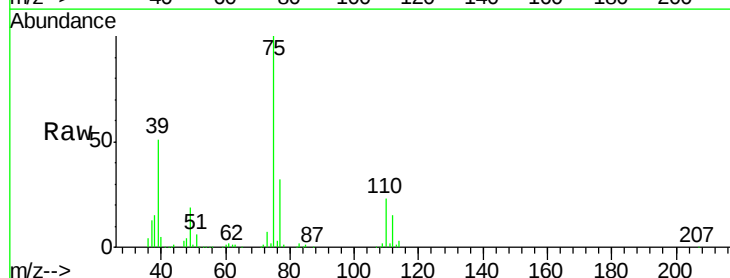
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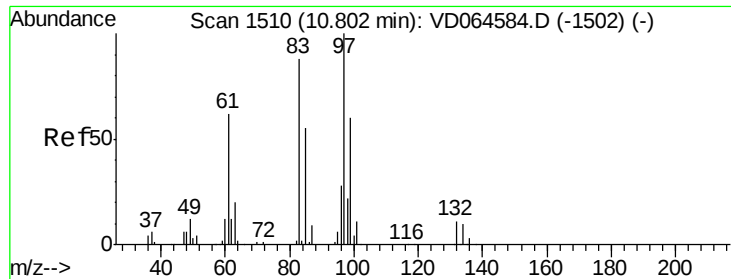
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#54
cis-1,3-Dichloropropene
Concen: 52.562 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 75 Resp: 328132
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 50.6 41.4 62.2





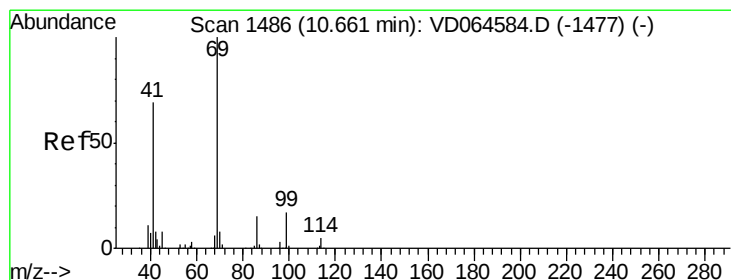
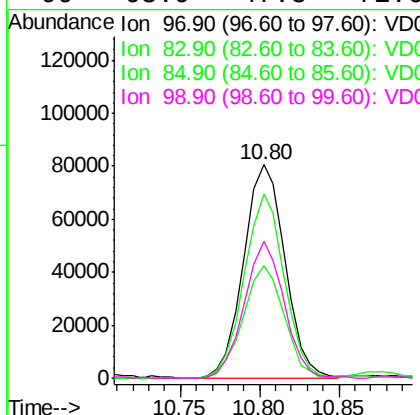
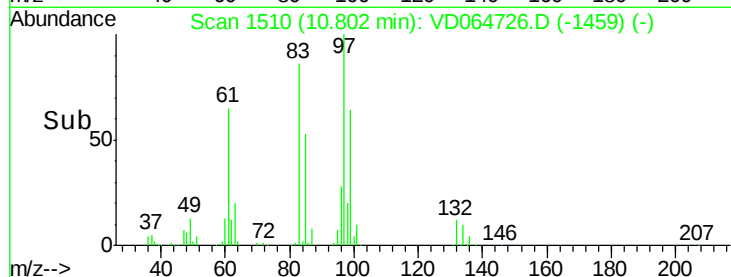
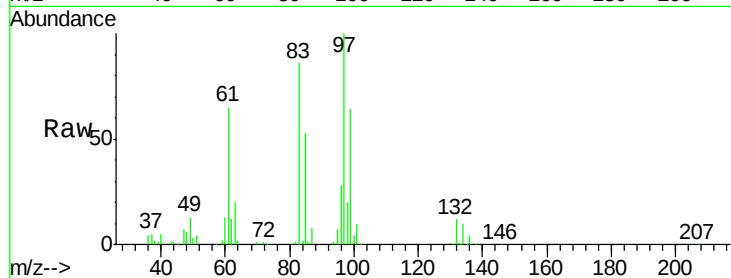
#55
 1,1,2-Trichloroethane
 Concen: 50.997 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.4
85	52.8	44.0	66.0
99	63.9	47.8	71.6

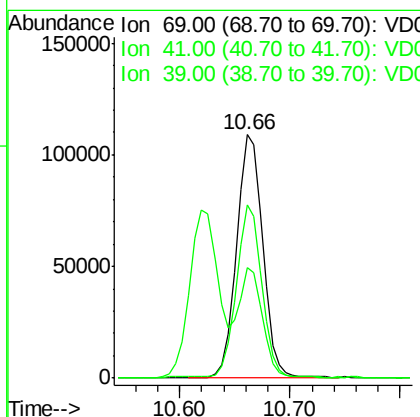
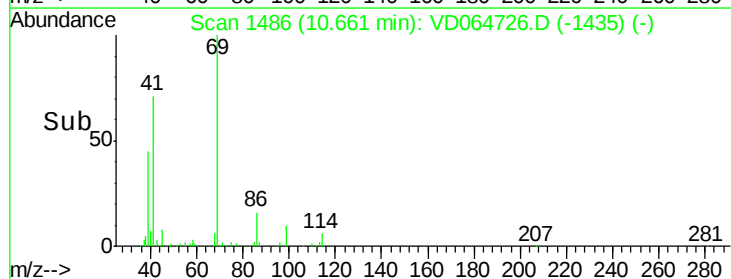
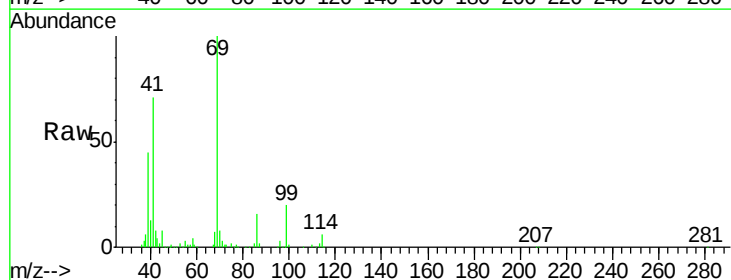
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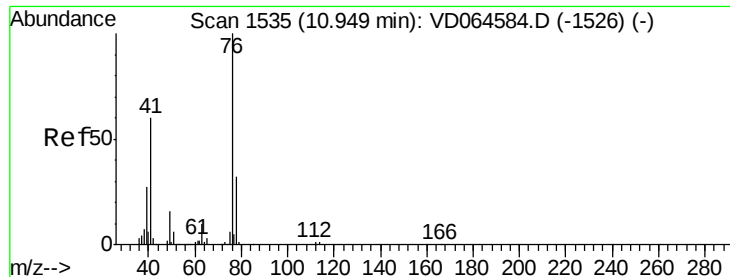
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#56
 Ethyl methacrylate
 Concen: 50.975 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.3	82.9
39	42.9	33.8	50.8





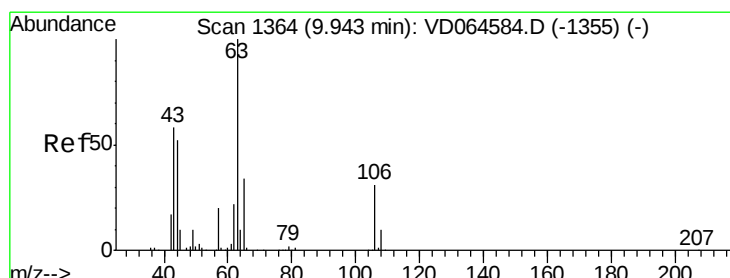
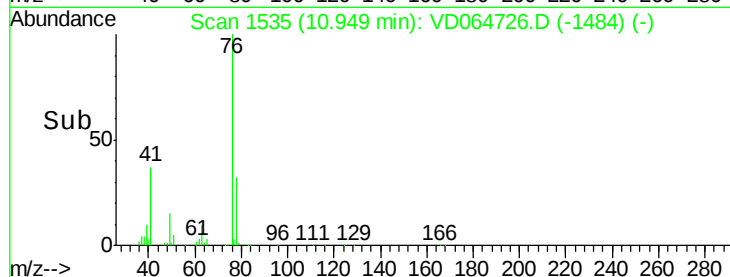
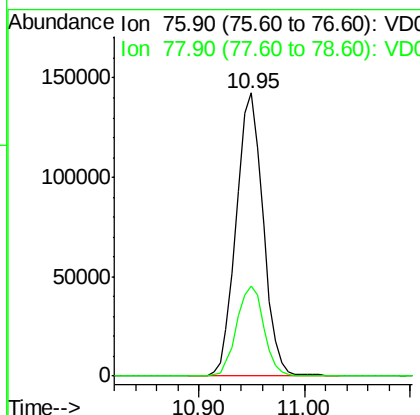
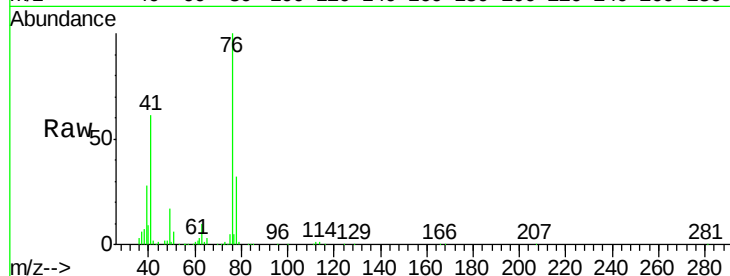
#57
 1,3-Dichloropropane
 Concen: 50.706 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 251095
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.4

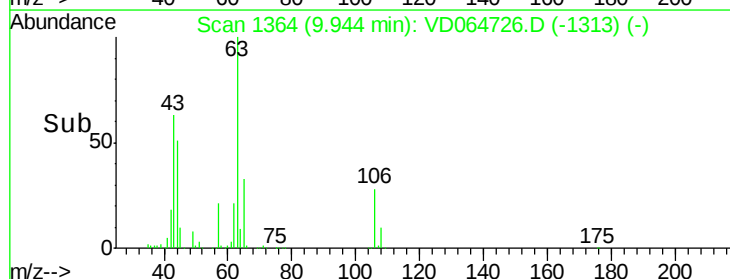
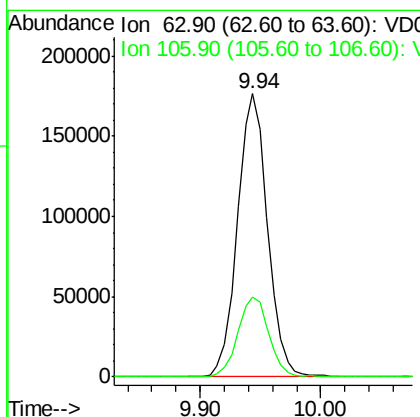
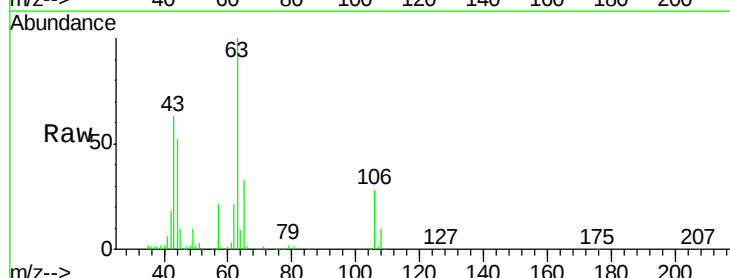
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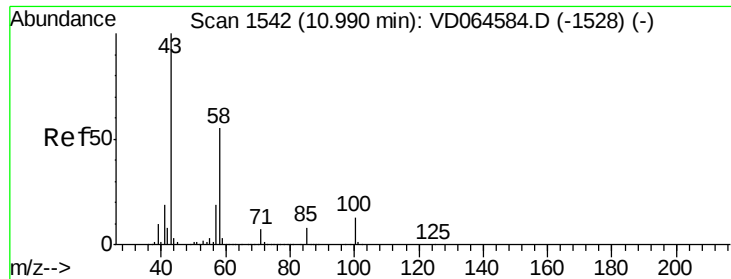
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#58
 2-Chloroethyl Vinyl ether
 Concen: 223.605 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion: 63 Resp: 305992
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.8





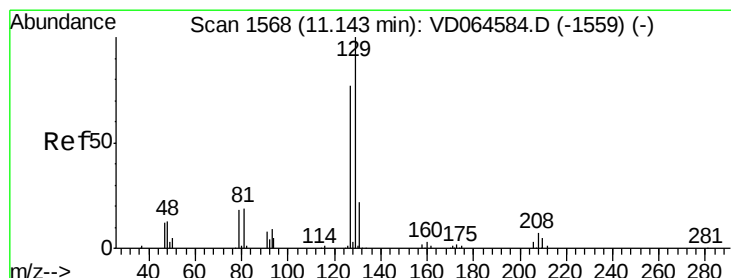
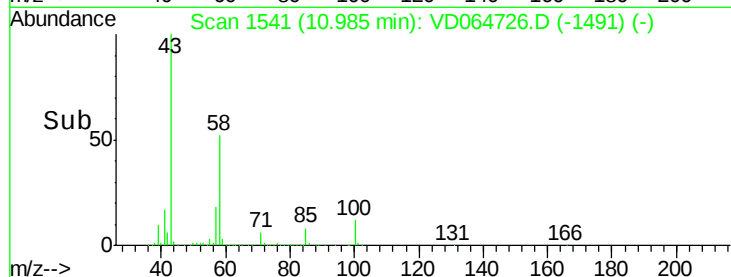
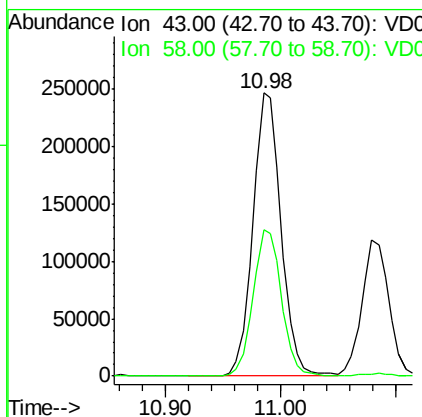
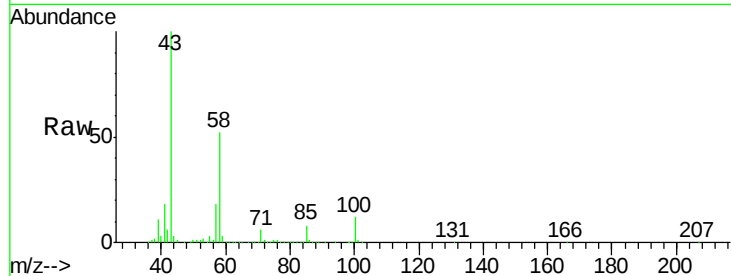
#59
2-Hexanone
Concen: 273.474 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 421287
Ion Ratio Lower Upper
43 100
58 51.9 26.4 79.0

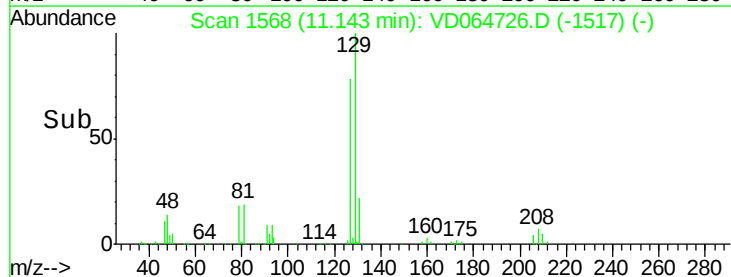
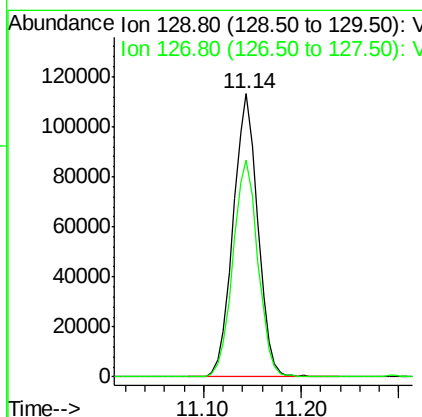
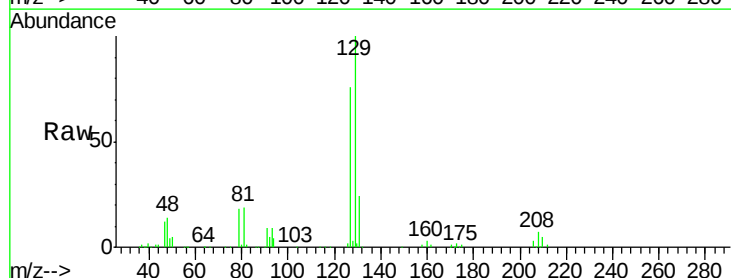
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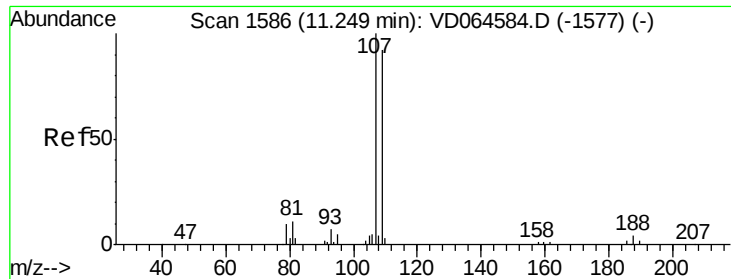
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#60
Dibromochloromethane
Concen: 50.012 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 129 Resp: 198908
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





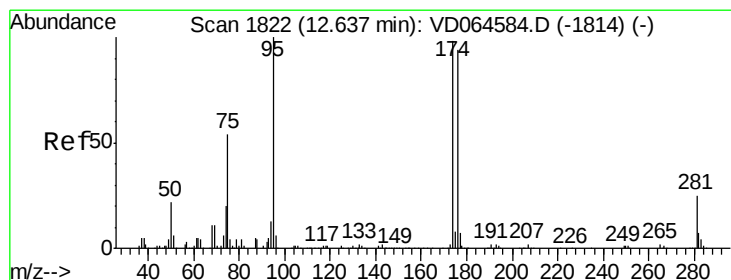
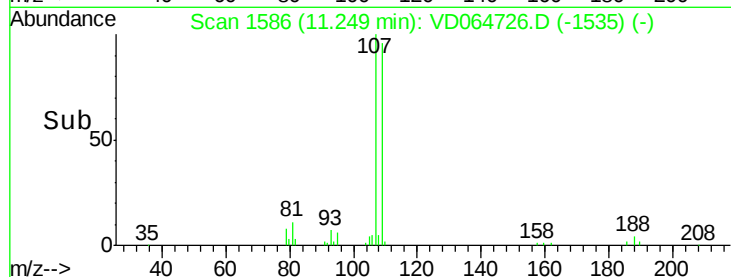
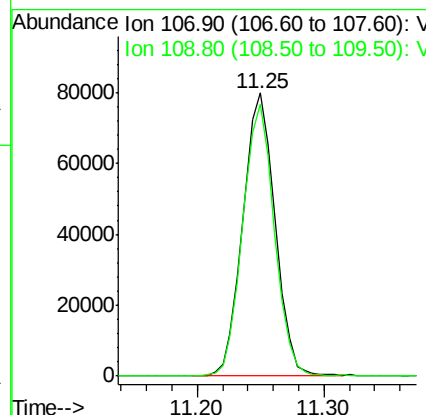
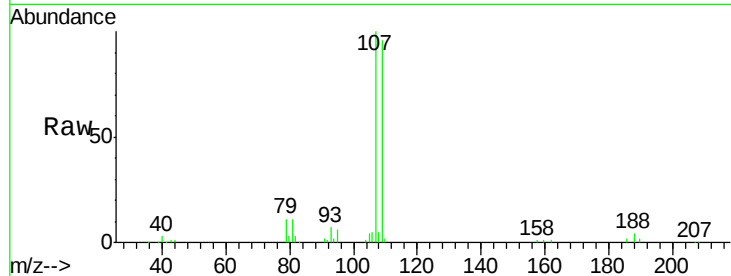
#61
 1,2-Dibromoethane
 Concen: 49.683 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 140934
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.6 113.4

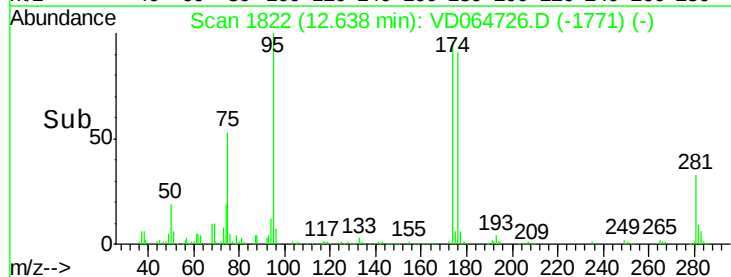
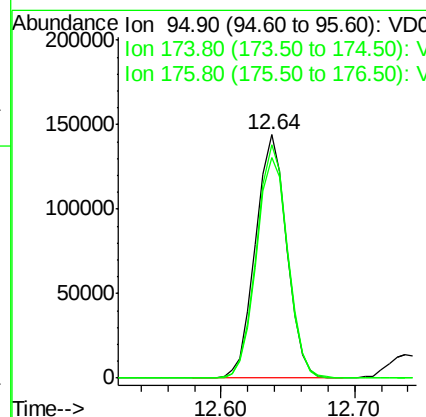
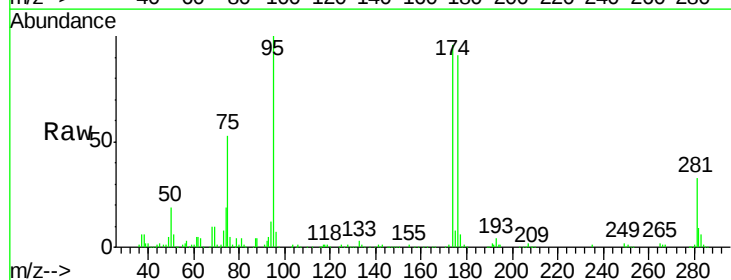
Manual Integrations
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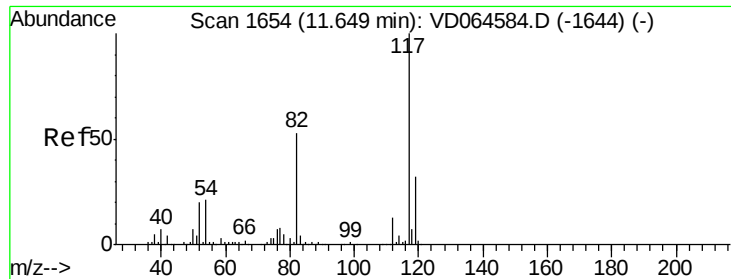
apatel
 1/6/2020 10:49:46 AM



#62
 4-Bromofluorobenzene
 Concen: 51.118 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion: 95 Resp: 231734
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 193.2
 176 91.7 0.0 184.2





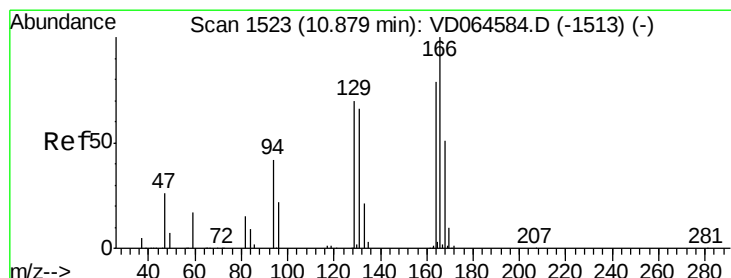
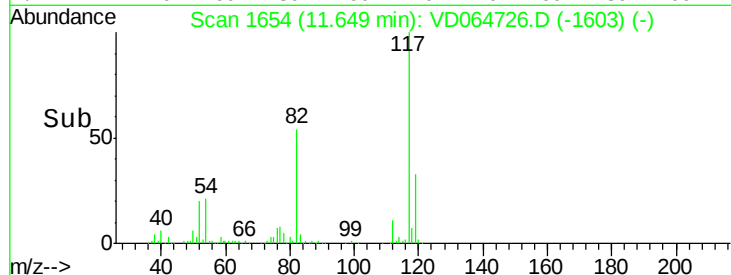
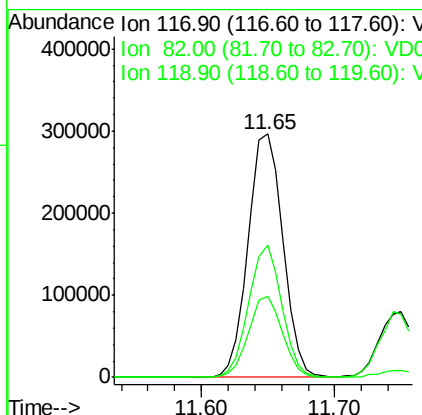
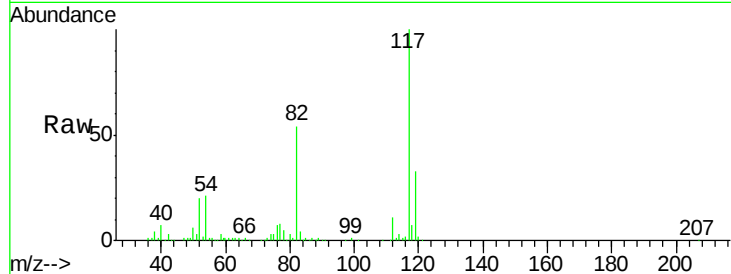
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.4	42.2	63.4
119	33.5	26.0	39.0

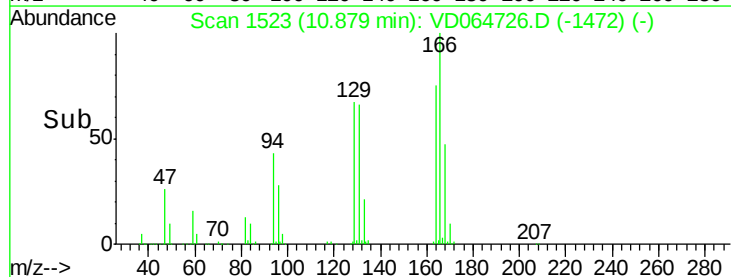
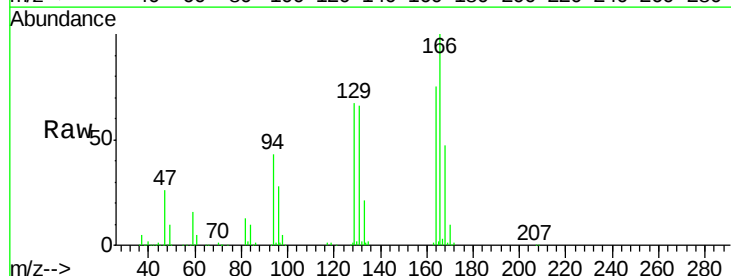
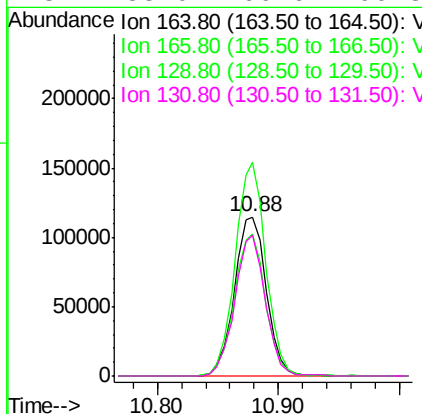
Manual Integrations
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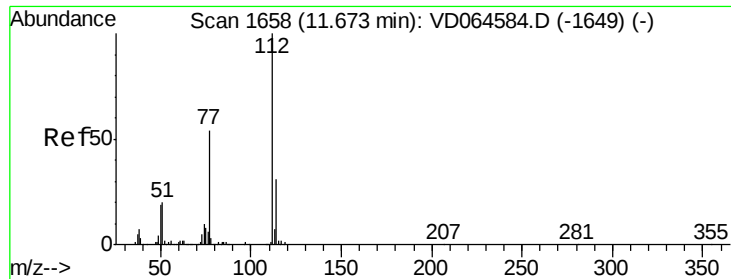
apatel
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#64
Tetrachloroethene
Concen: 51.585 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	134.1	101.3	151.9
129	89.6	70.5	105.7
131	88.0	66.6	99.8





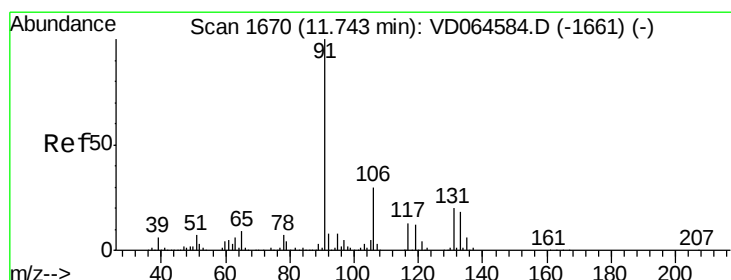
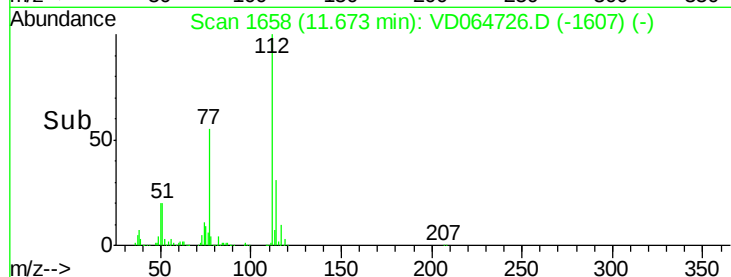
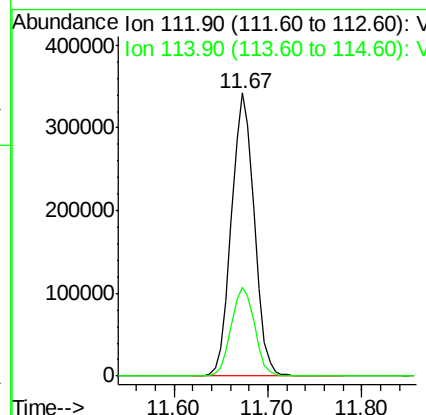
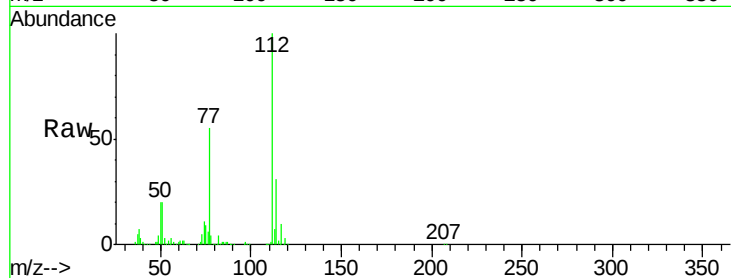
#65
Chlorobenzene
Concen: 52.117 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	24.8	37.2

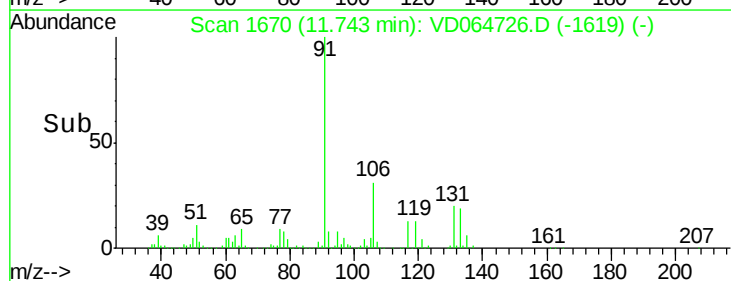
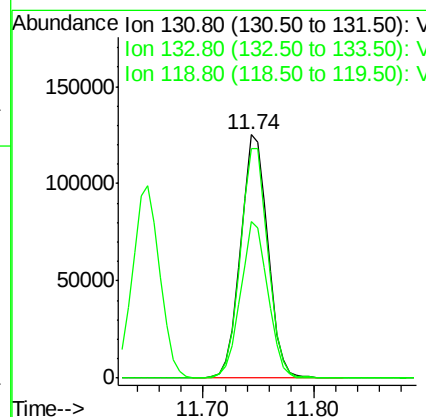
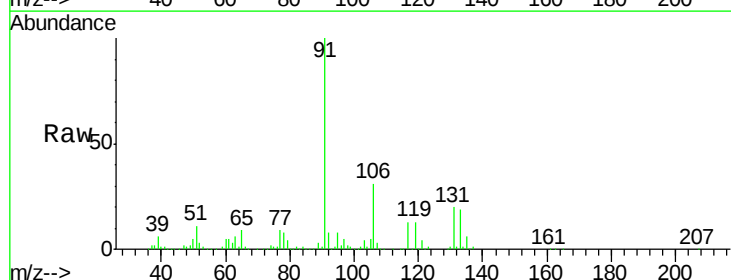
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.149 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.3	144.8
119	64.6	32.1	96.3





#67

Ethyl Benzene

Concen: 53.353 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1070863

Ion Ratio Lower Upper

91 100

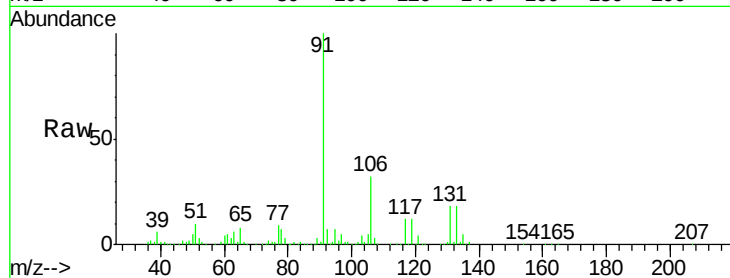
106 31.5 24.6 36.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD064726.D (-1620) (-)

Ion 106.00 (105.70 to 106.70): VD064726.D (-1620) (-)

1000000

800000

600000

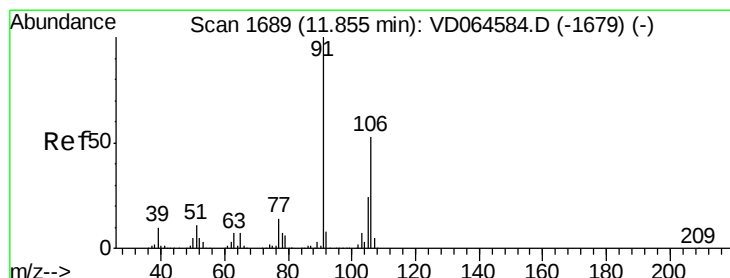
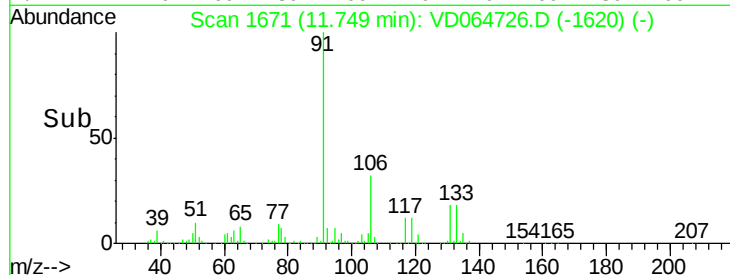
400000

200000

0

11.65 11.70 11.75 11.80

Time-->



#68

m/p-Xylenes

Concen: 106.256 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064726.D

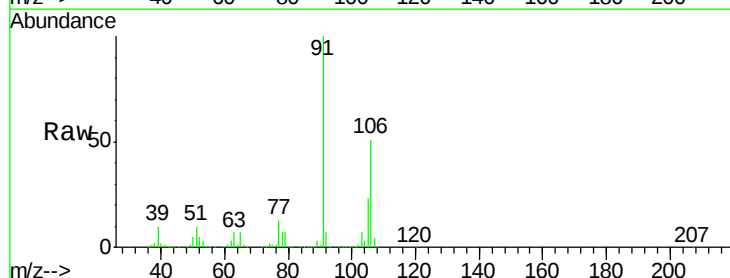
Acq: 03 Jan 2020 11:01

Tgt Ion: 106 Resp: 823180

Ion Ratio Lower Upper

106 100

91 198.2 156.3 234.5



Abundance Ion 106.00 (105.70 to 106.70): VD064726.D (-1638) (-)

Ion 91.00 (90.70 to 91.70): VD064726.D (-1638) (-)

1000000

800000

600000

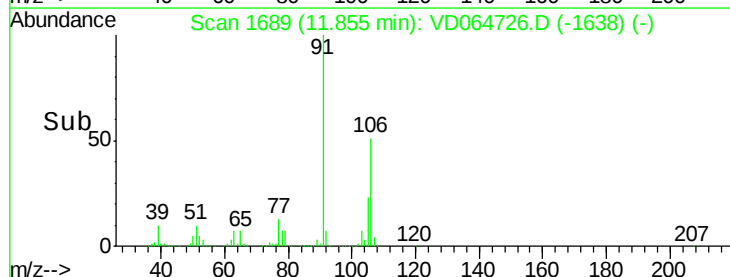
400000

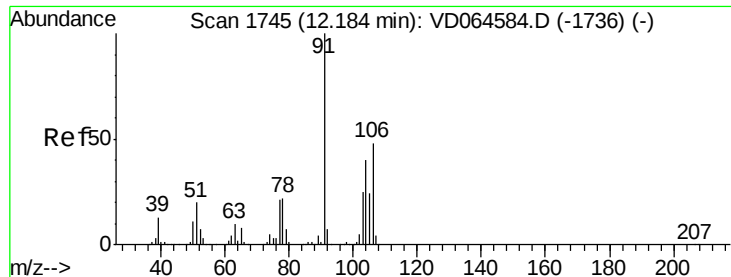
200000

0

11.80 11.86 11.90 12.00

Time-->





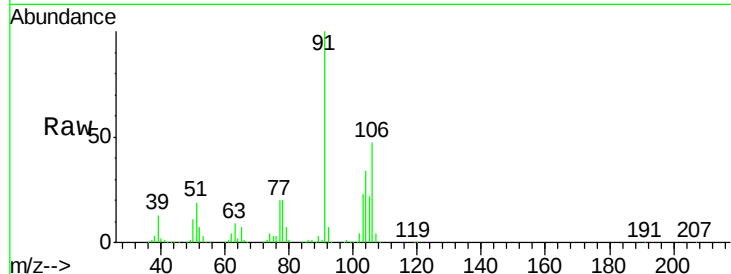
#69
o-Xylene
Concen: 52.362 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

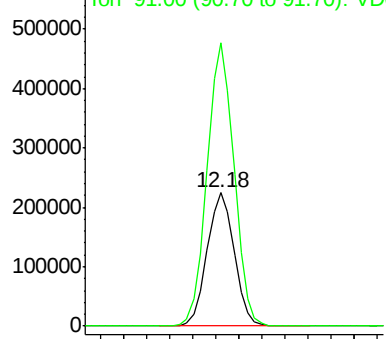
Tgt Ion:106 Resp: 366406
Ion Ratio Lower Upper
106 100
91 210.4 104.8 314.4

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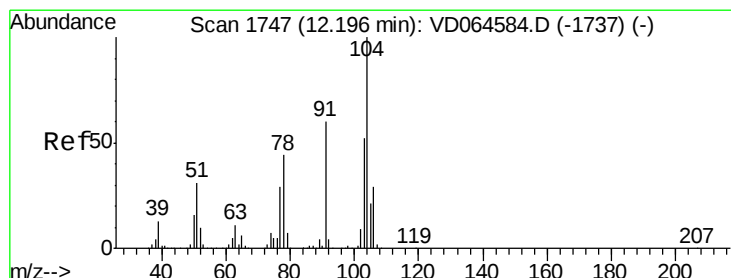
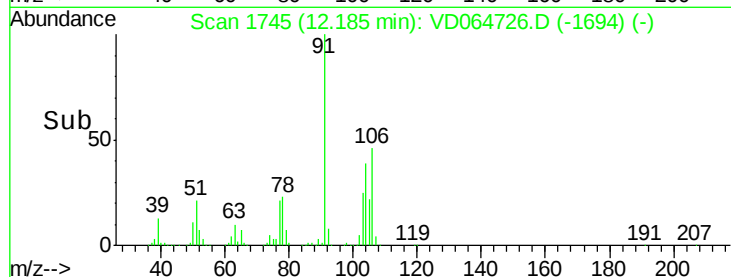
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

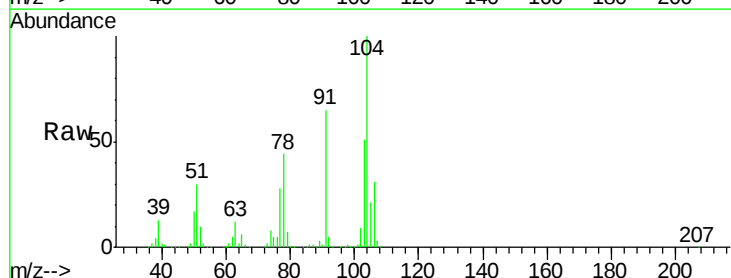


Time-->

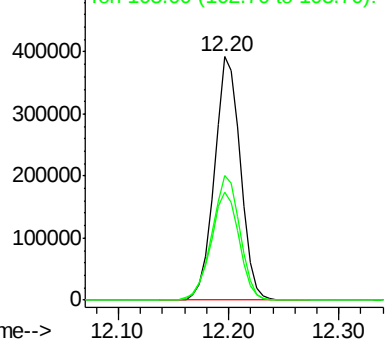


#70
Styrene
Concen: 52.798 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

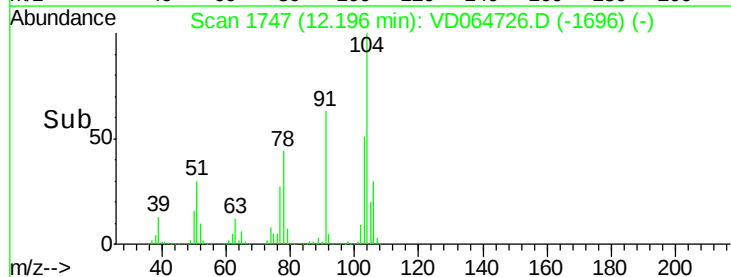
Tgt Ion:104 Resp: 648502
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.2
103 55.0 44.6 67.0

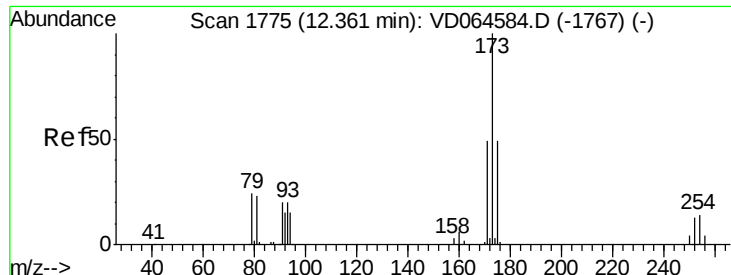


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V



Time-->





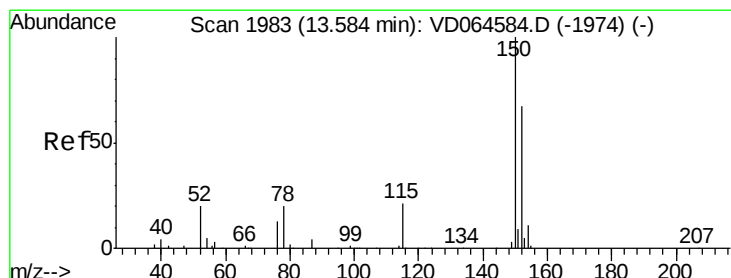
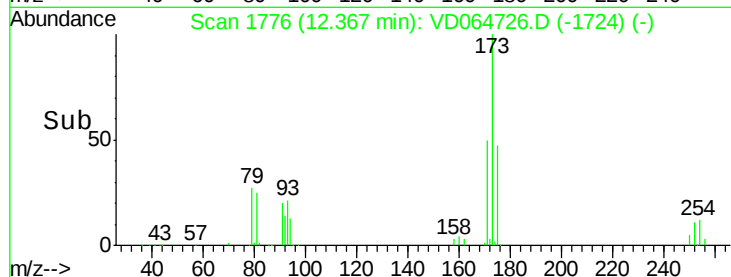
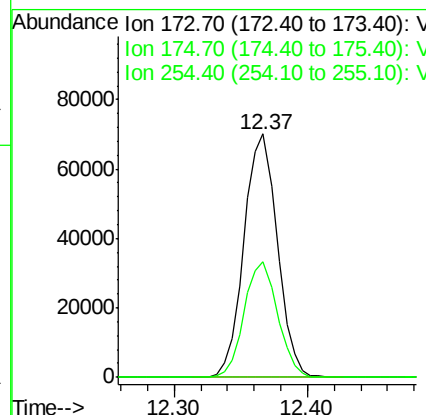
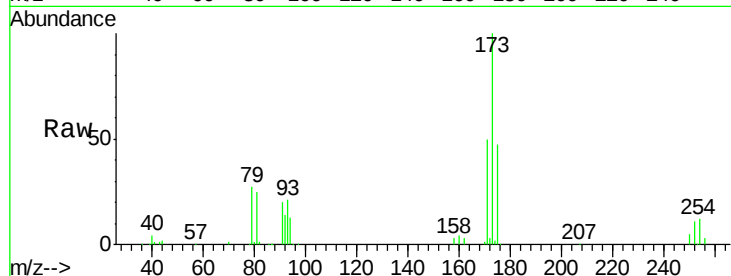
#71
Bromoform
Concen: 50.965 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.6	73.8
254	0.0	0.1	0.1#

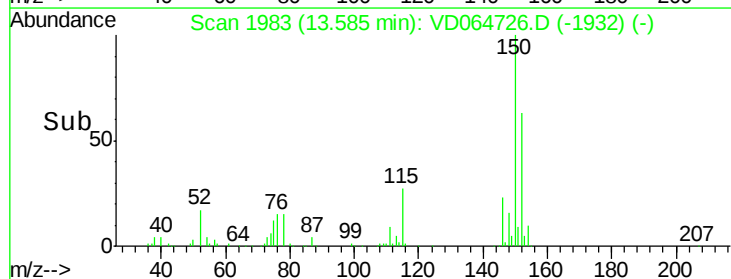
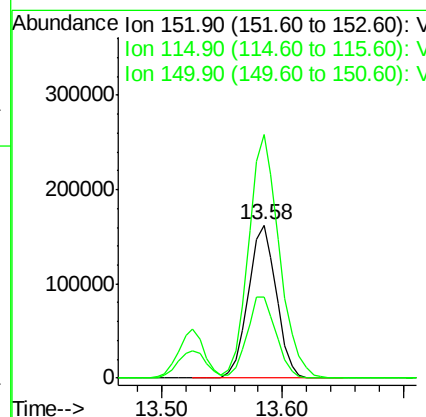
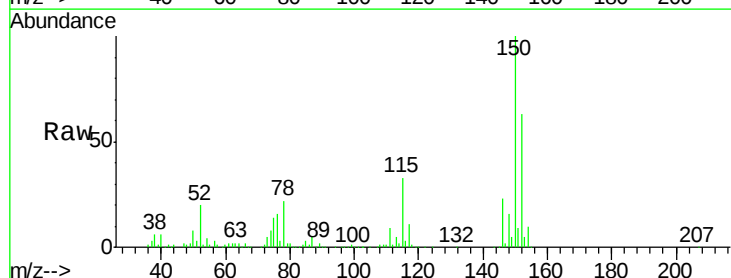
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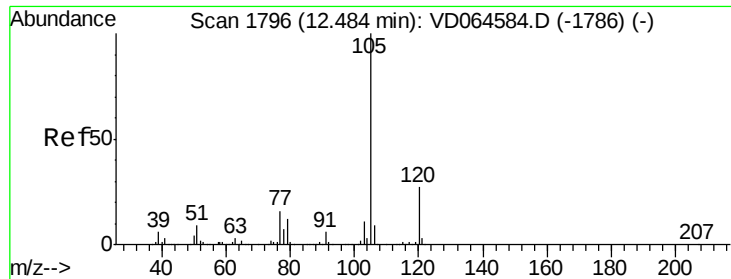
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.8	83.4
150	173.3	0.0	351.4





#73

Isopropylbenzene

Concen: 54.145 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1020386

Ion Ratio Lower Upper

105 100

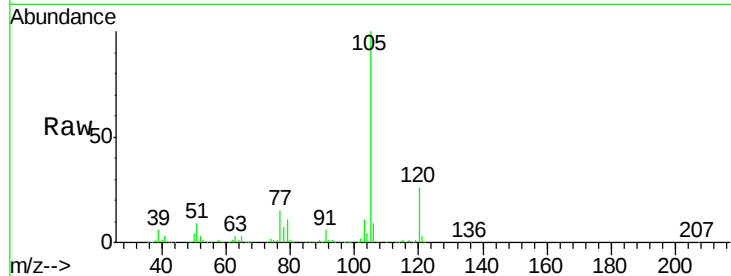
120 26.8 13.5 40.5

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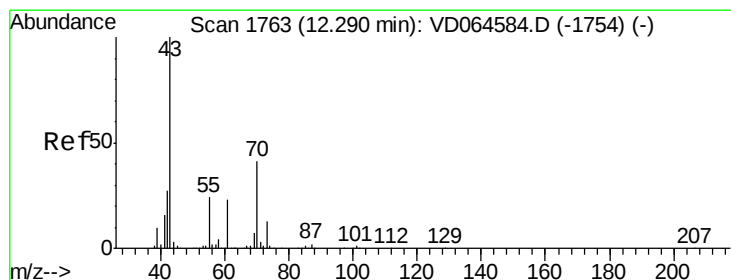
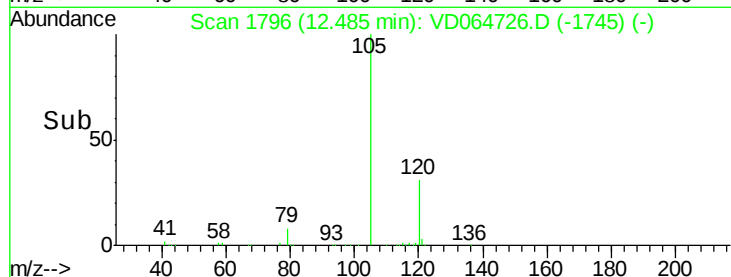
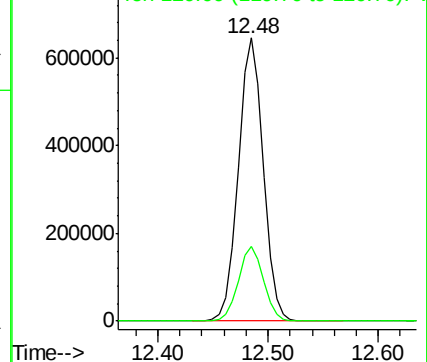
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.191 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Tgt Ion: 43 Resp: 206222

Ion Ratio Lower Upper

43 100

70 42.3 33.4 50.0

55 24.0 19.4 29.0

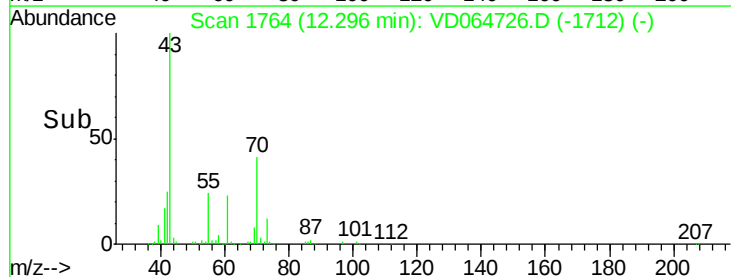
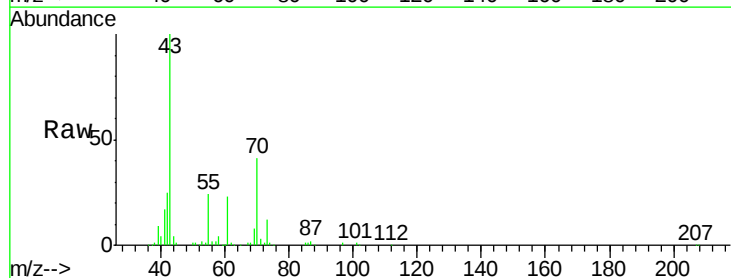
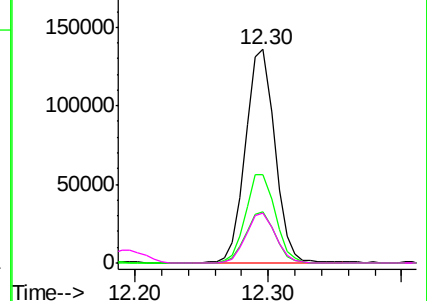
61 23.6 18.3 27.5

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.070 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 151189

Ion Ratio Lower Upper

83 100

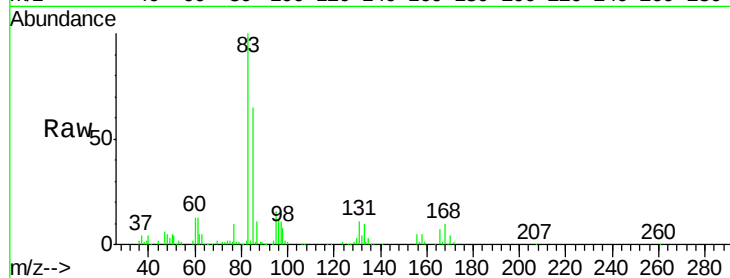
131 11.1 5.8 17.4

85 64.3 32.3 96.9

Manual Integrations
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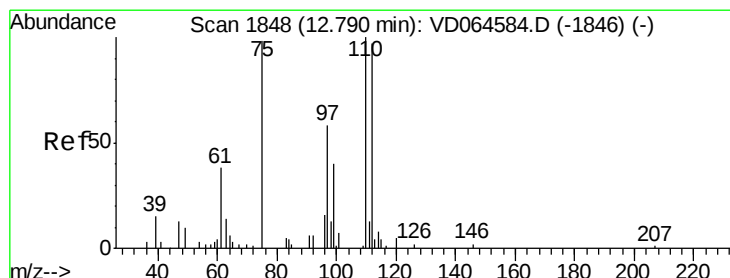
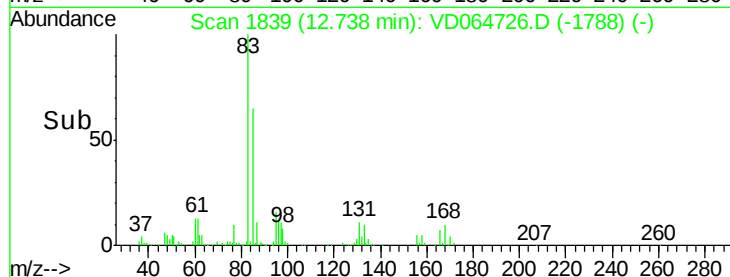
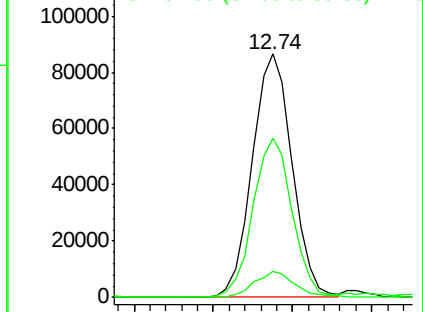
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Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 55.891 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064726.D

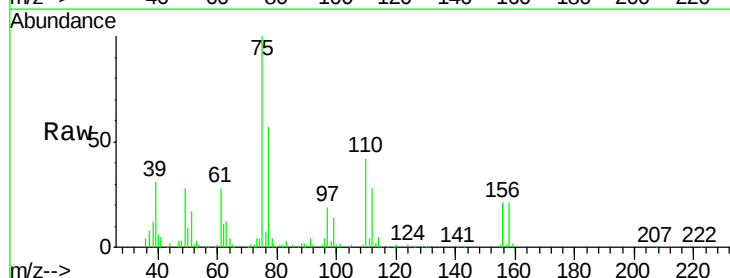
Acq: 03 Jan 2020 11:01

Tgt Ion: 75 Resp: 116390

Ion Ratio Lower Upper

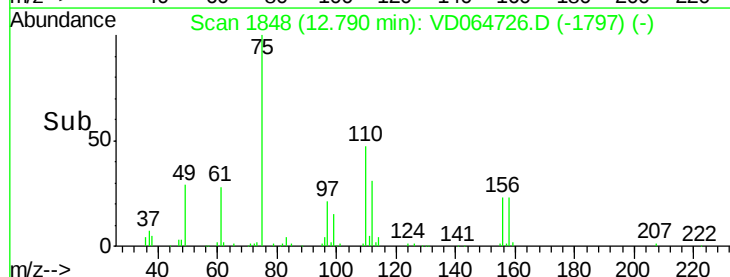
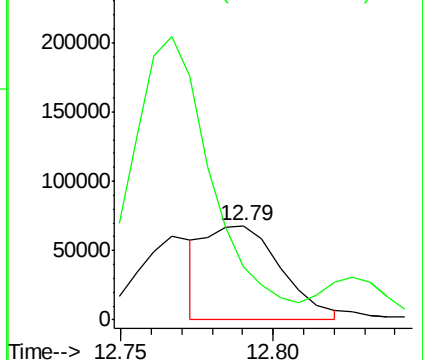
75 100

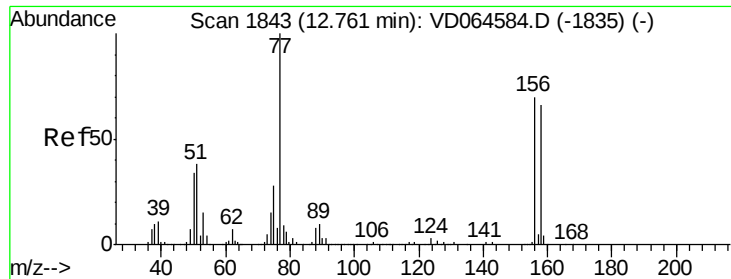
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 52.511 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

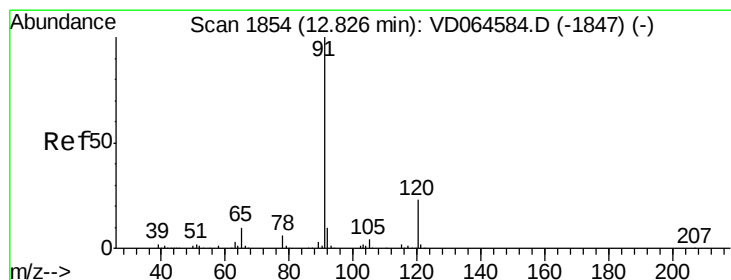
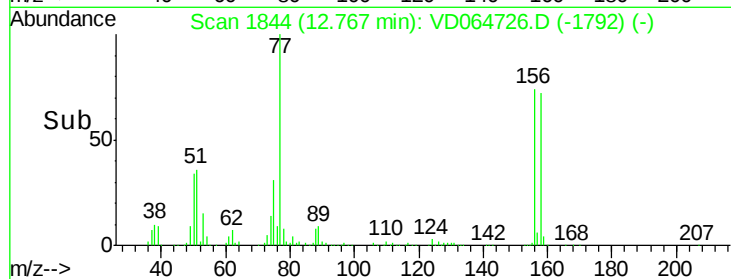
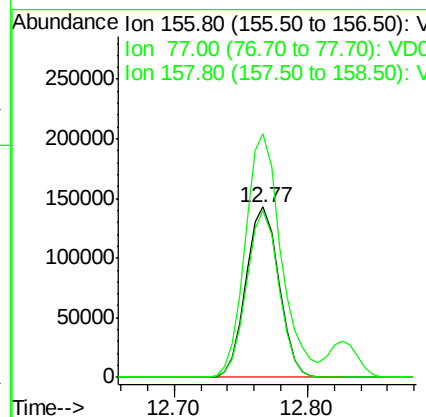
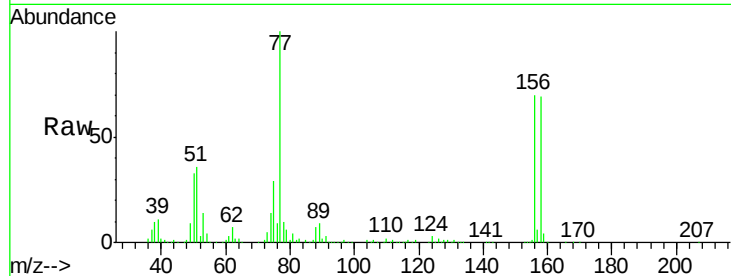
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	157.0	80.9	242.7
158	96.3	48.0	144.2

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#78

n-propylbenzene

Concen: 54.836 ug/l

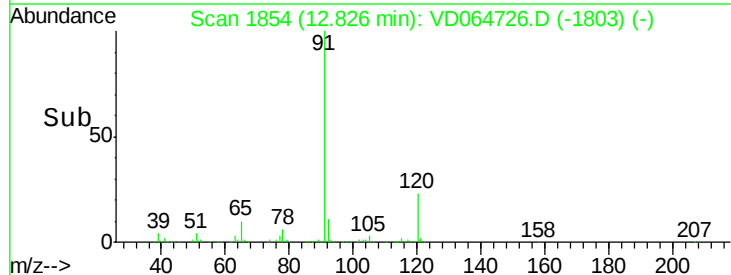
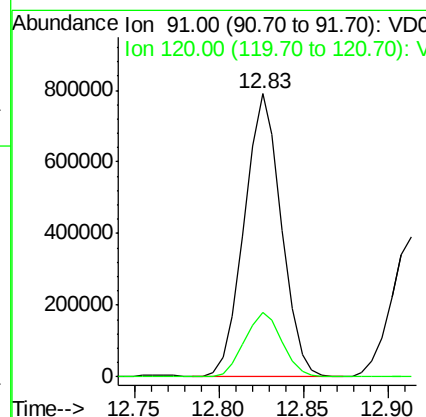
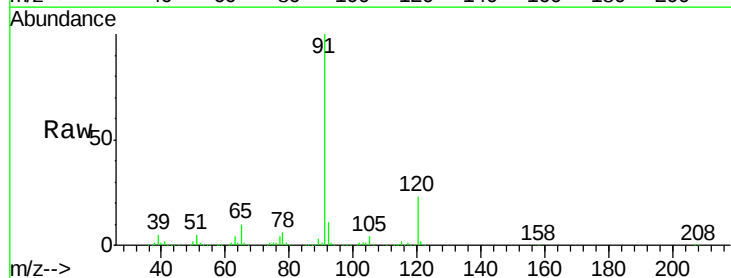
RT: 12.83 min Scan# 1854

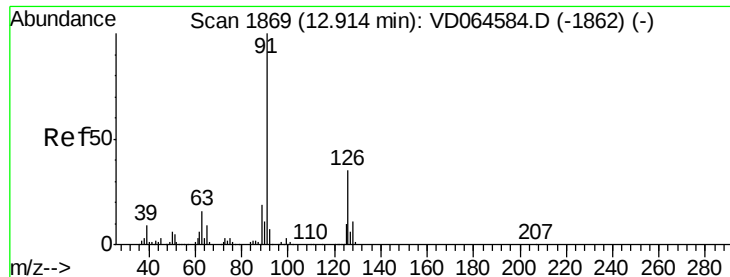
Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.9





#79

2-Chlorotoluene

Concen: 52.520 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 634311

Ion Ratio Lower Upper

91 100

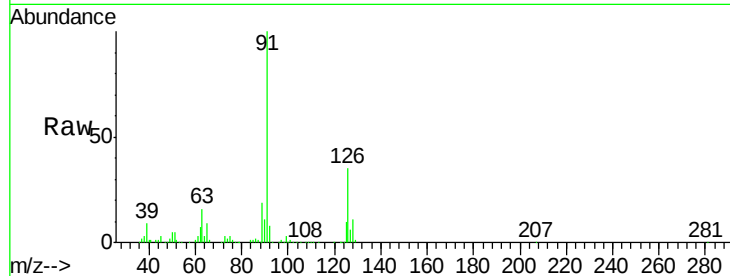
126 35.9 17.8 53.5

Manual Integrations

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

Ion 125.90 (125.60 to 126.60): VD064584.D (-1862) (-)

12.91

400000

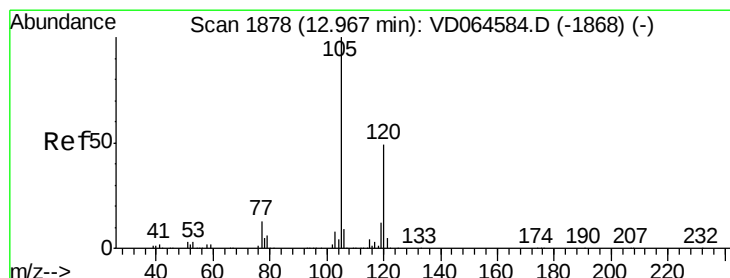
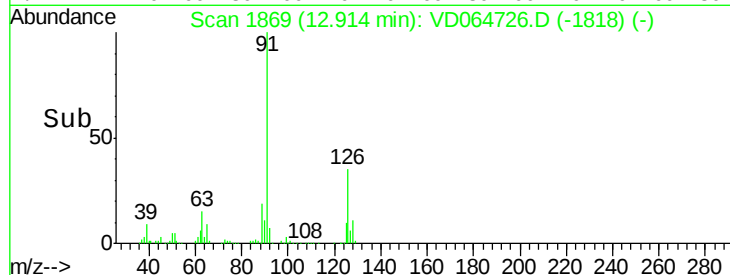
300000

200000

100000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.456 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064726.D

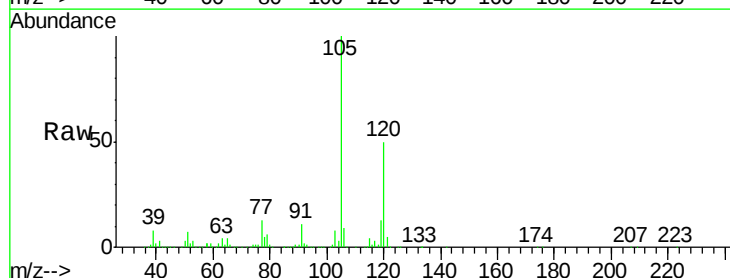
Acq: 03 Jan 2020 11:01

Tgt Ion: 105 Resp: 843010

Ion Ratio Lower Upper

105 100

120 50.3 25.0 75.0



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

Ion 120.00 (119.70 to 120.70): VD064584.D (-1868) (-)

12.97

600000

500000

400000

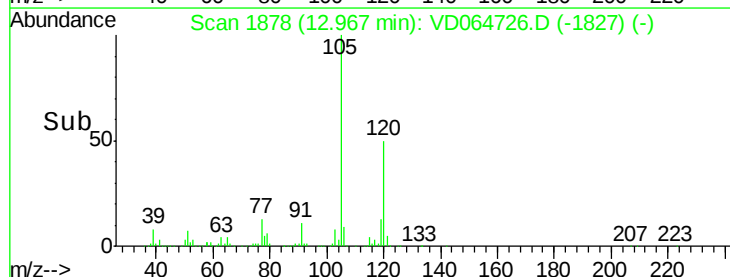
300000

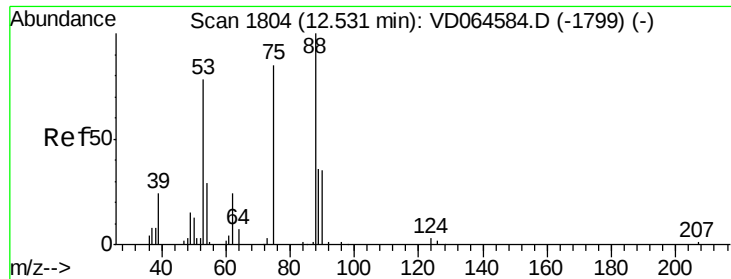
200000

100000

0

Time-->





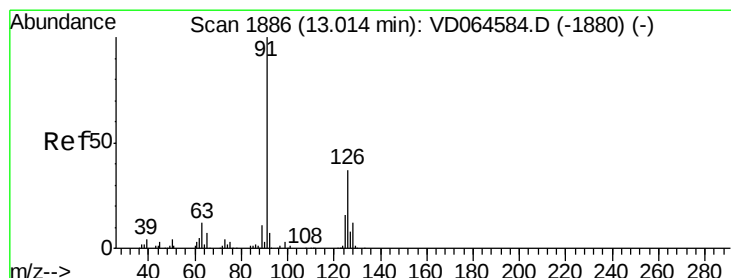
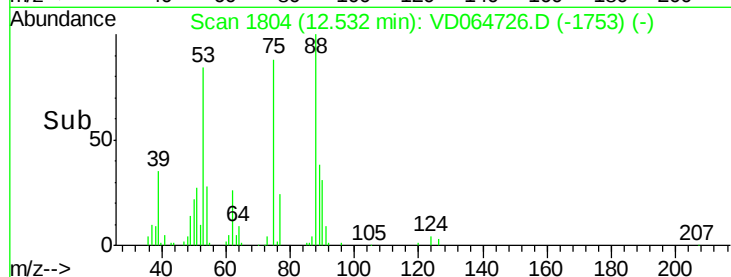
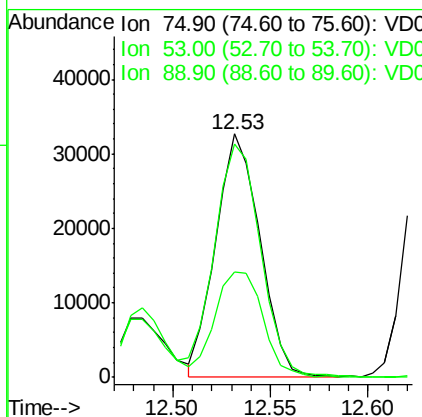
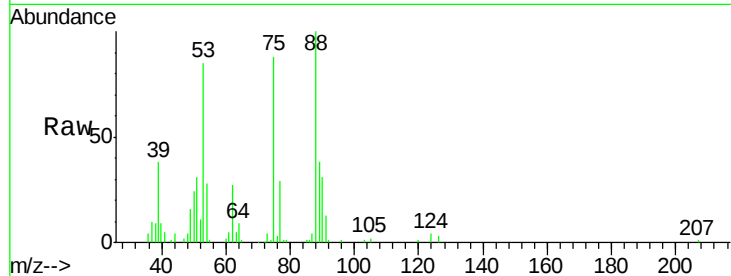
#81
trans-1,4-Dichloro-2-butene
Concen: 51.648 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.3	78.8	118.2
89	47.1	38.3	57.5

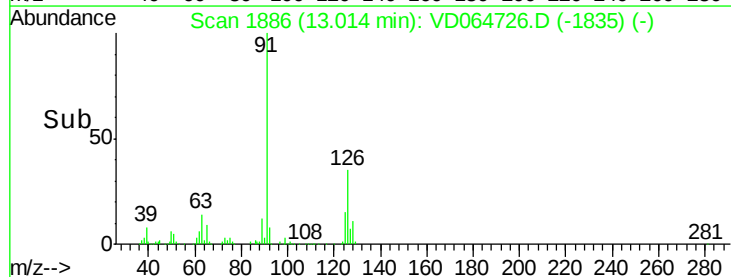
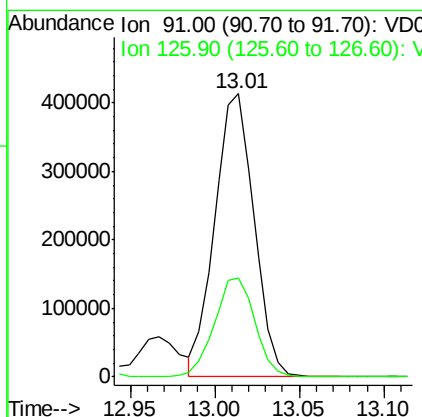
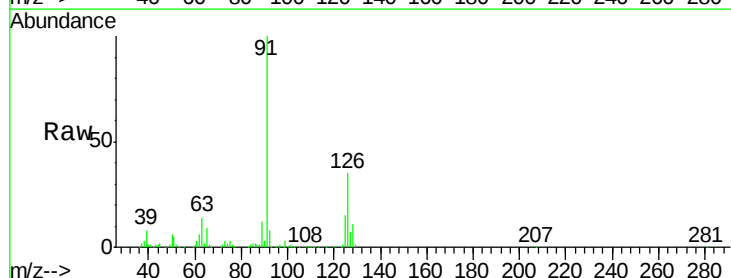
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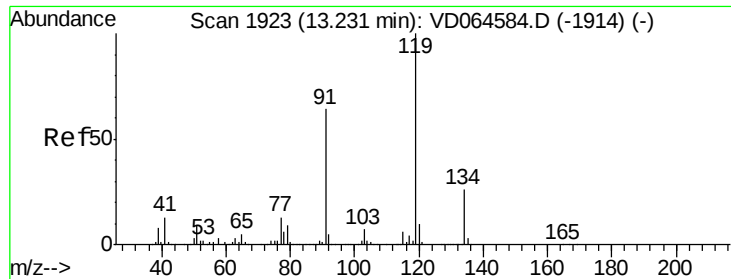
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#82
4-Chlorotoluene
Concen: 51.964 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.8	53.5





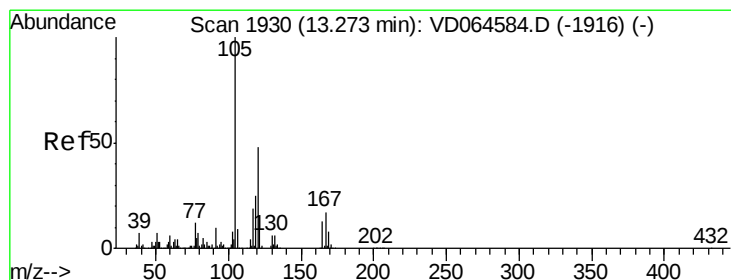
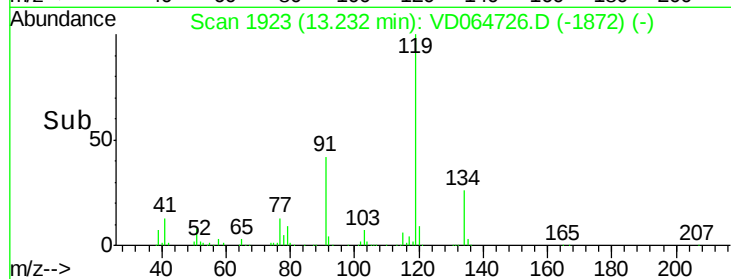
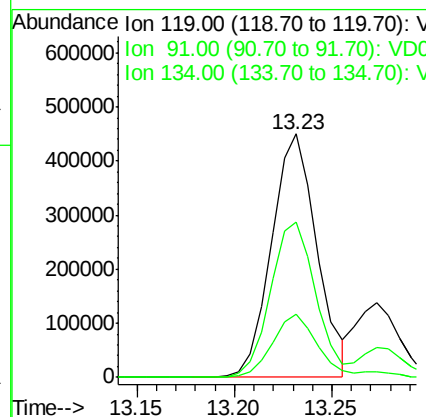
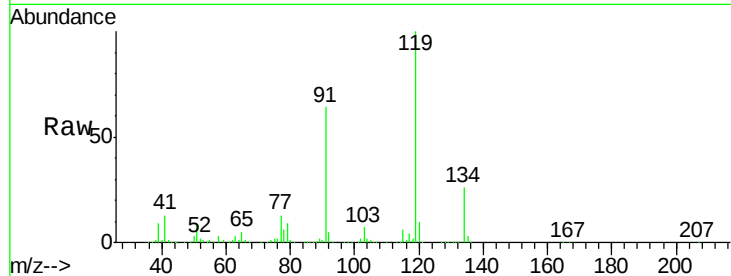
#83
 tert-Butylbenzene
 Concen: 53.941 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	725026		
91	63.1	30.8	92.4	
134	27.3	12.8	38.3	

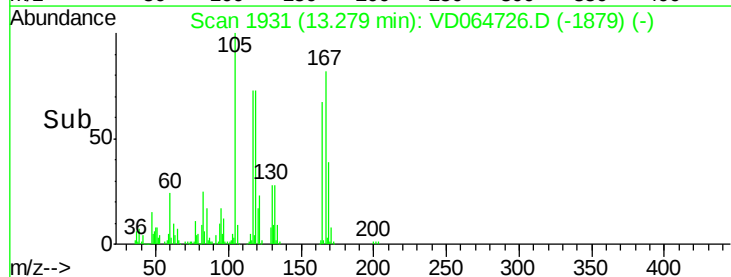
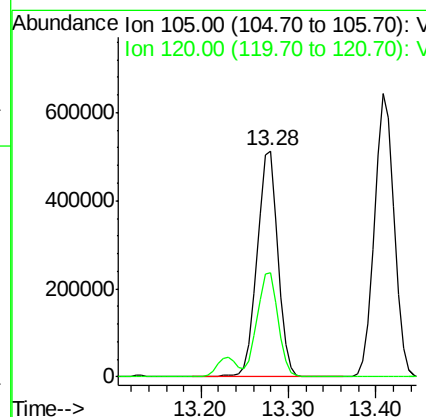
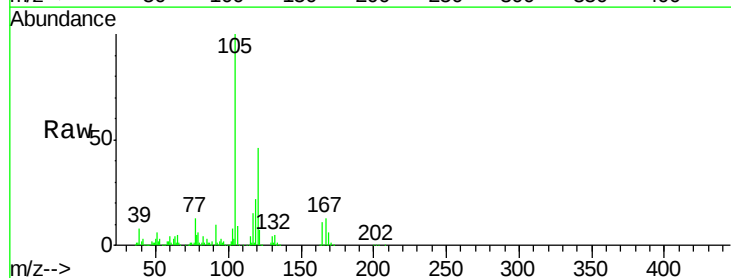
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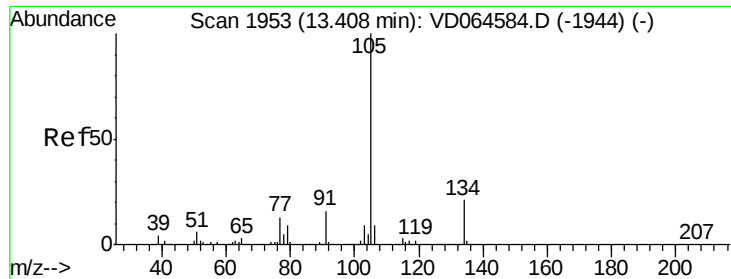
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.541 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	825486		
120	46.3	23.8	71.2	





#85

sec-Butylbenzene

Concen: 54.649 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1007013

Ion Ratio Lower Upper

105 100

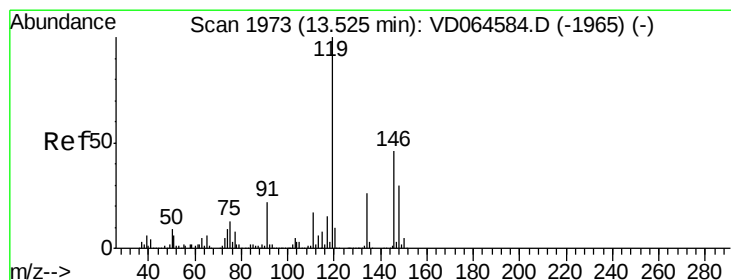
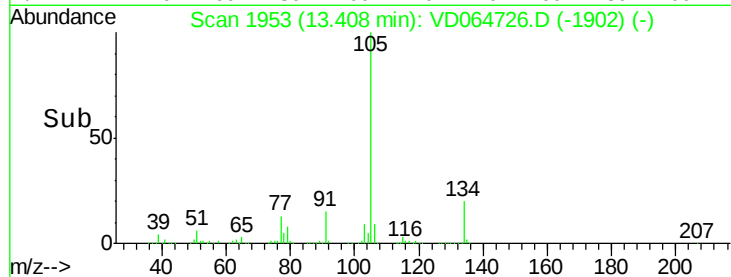
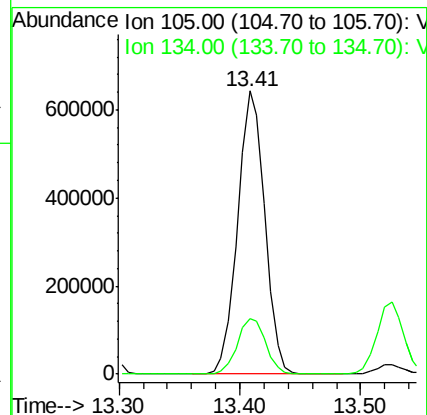
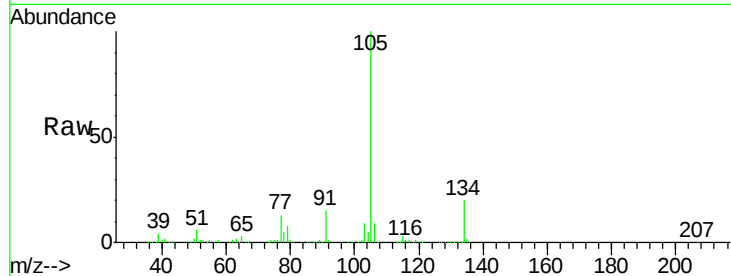
134 20.7 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 53.900 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064726.D

Acq: 03 Jan 2020 11:01

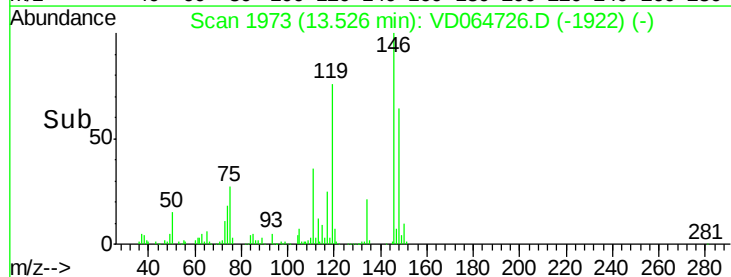
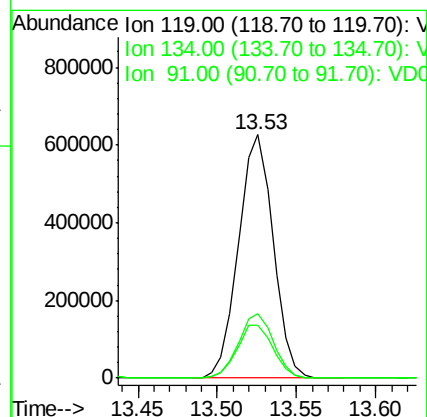
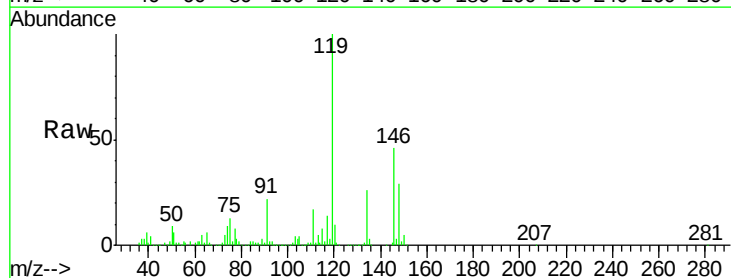
Tgt Ion:119 Resp: 949701

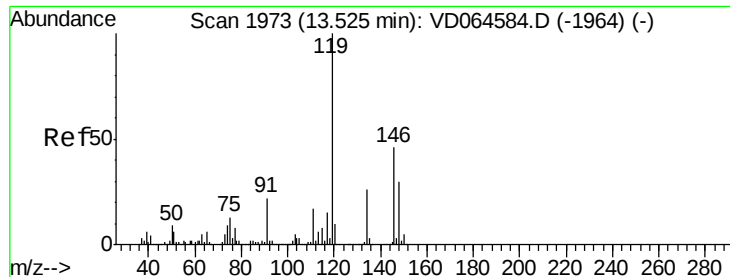
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.6 11.2 33.6





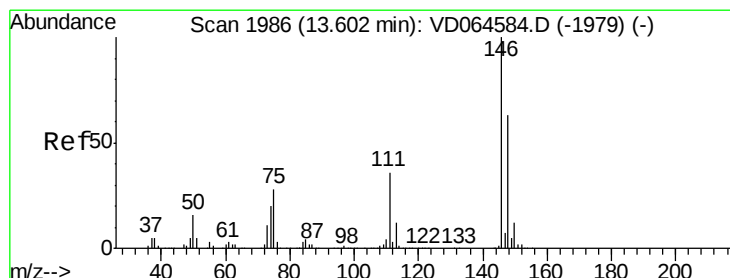
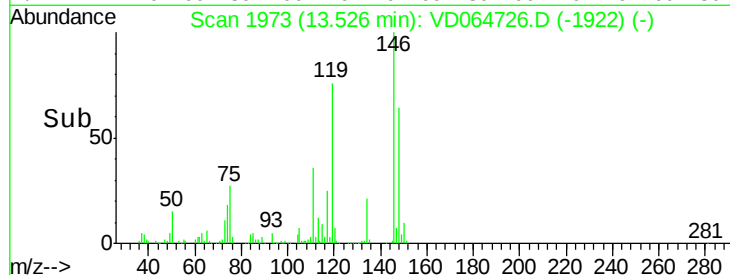
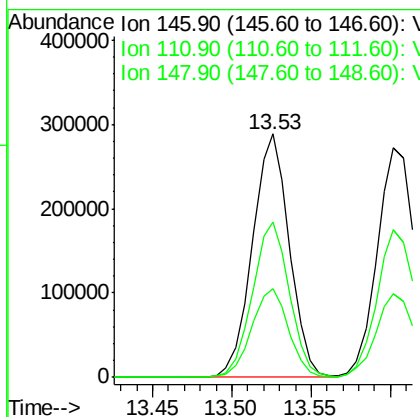
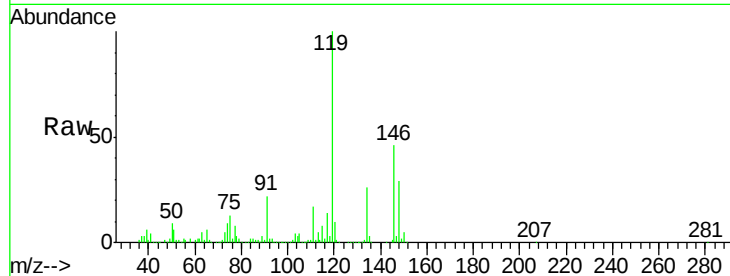
#87
 1,3-Dichlorobenzene
 Concen: 52.916 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	467114		
111	36.4	18.8	56.4	
148	63.8	32.5	97.5	

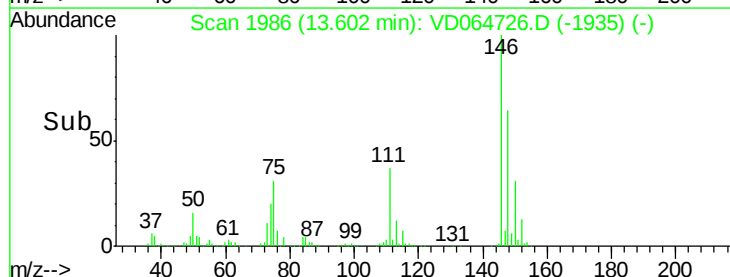
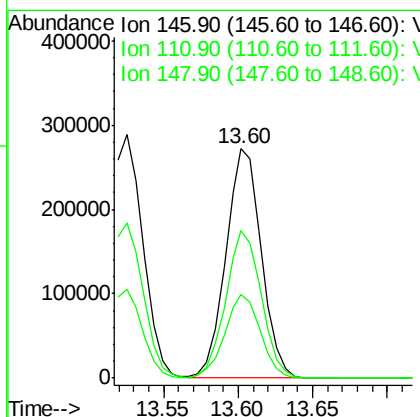
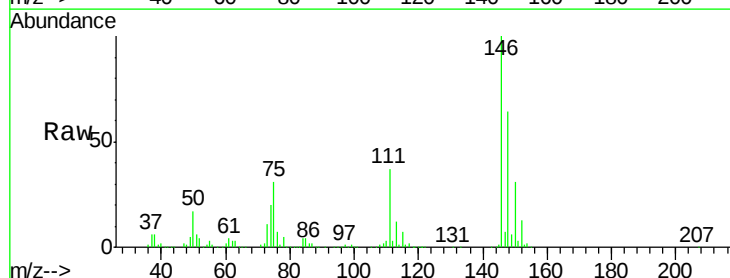
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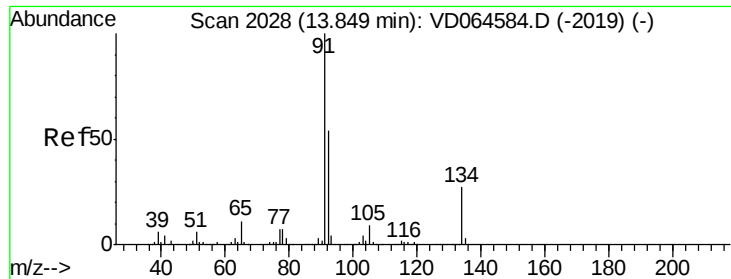
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#88
 1,4-Dichlorobenzene
 Concen: 51.999 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	450932		
111	36.6	18.1	54.1	
148	64.5	32.3	96.9	





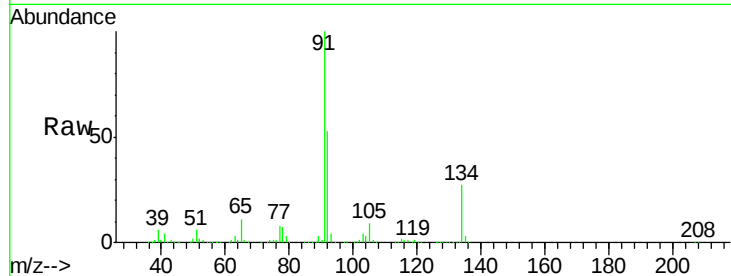
#89
n-Butylbenzene
Concen: 55.104 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

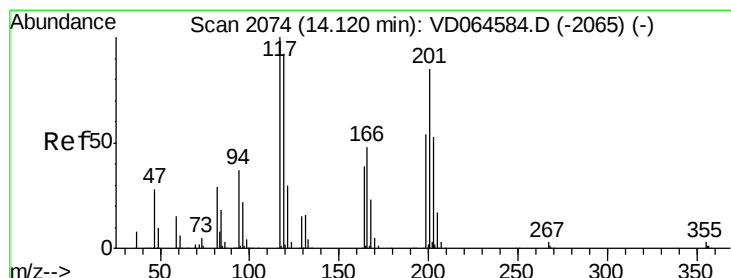
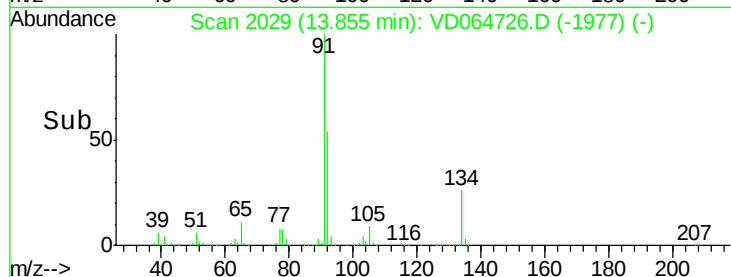
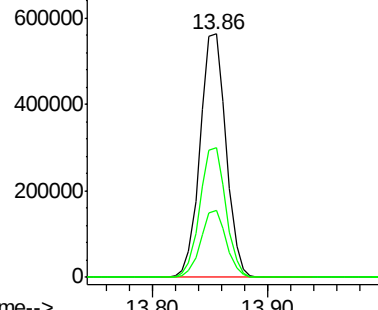
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	874346		
92	53.4	26.8	80.4	
134	27.2	14.0	41.9	

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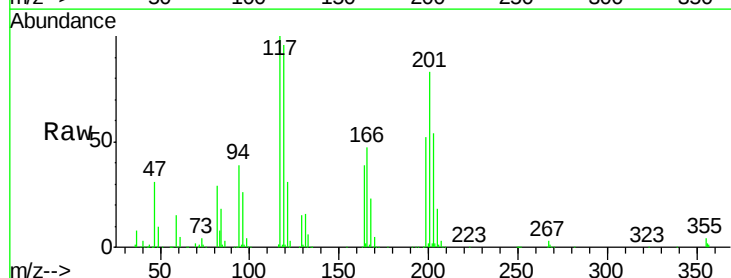


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): V

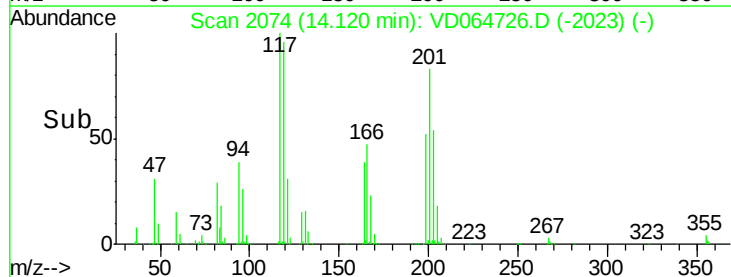
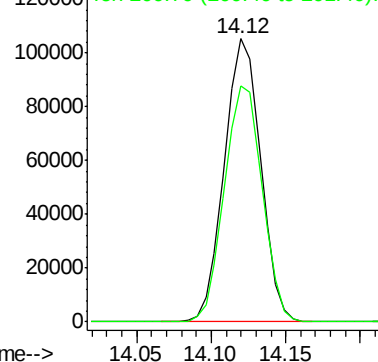


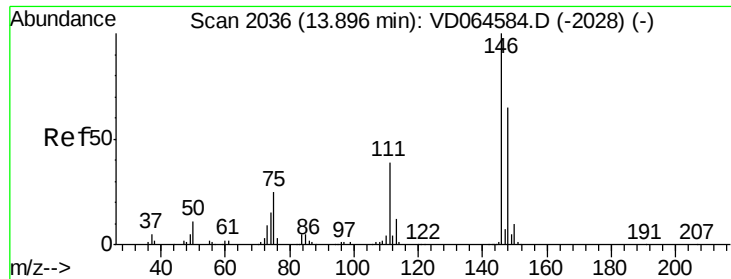
#90
Hexachloroethane
Concen: 52.748 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	177536		
201	86.8	44.0	131.8	



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





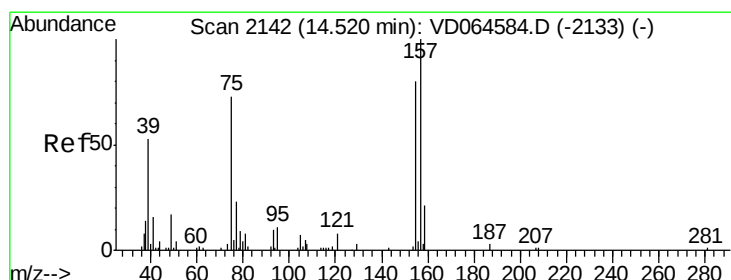
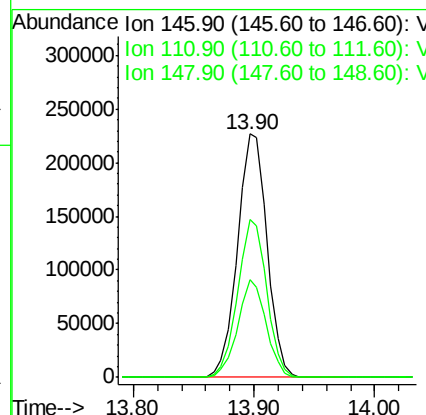
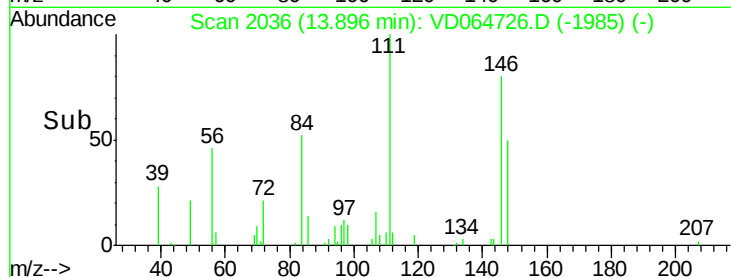
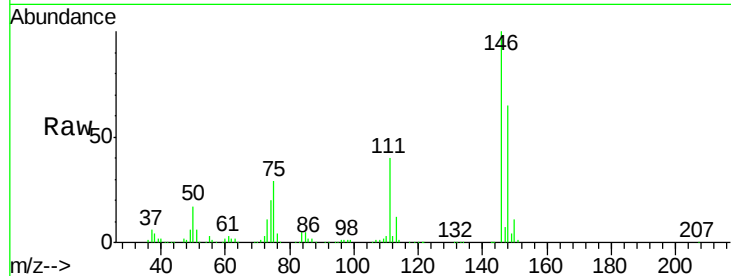
#91
 1,2-Dichlorobenzene
 Concen: 51.440 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	63.5	31.9	95.5

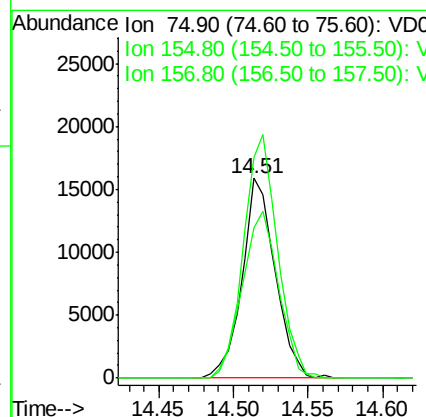
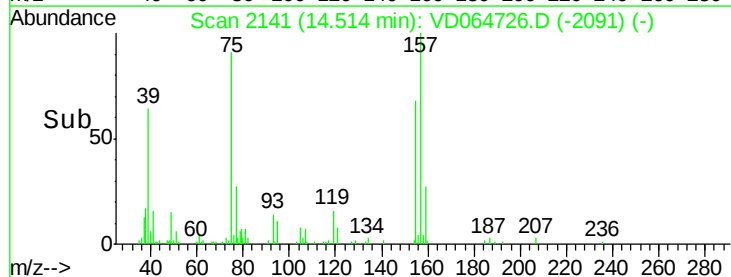
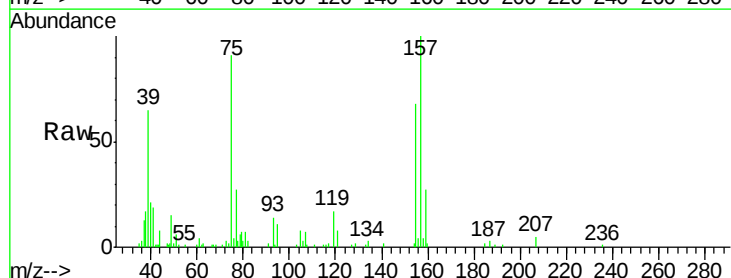
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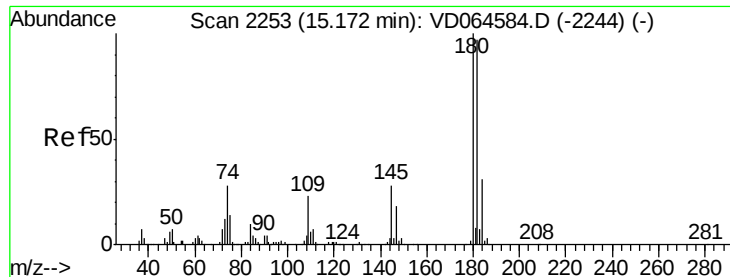
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.642 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.6	48.0	144.0
157	125.1	64.1	192.3





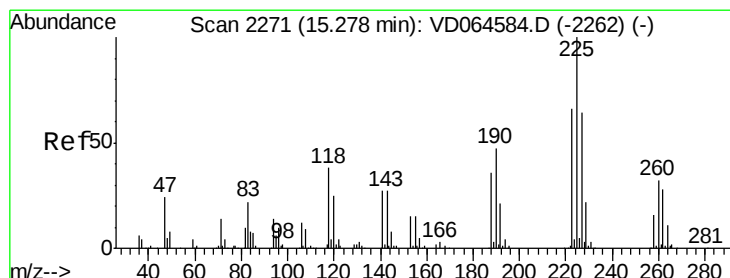
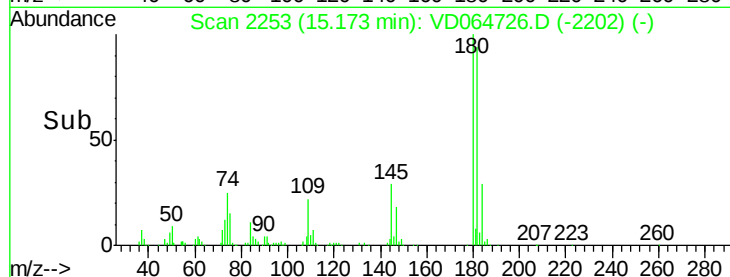
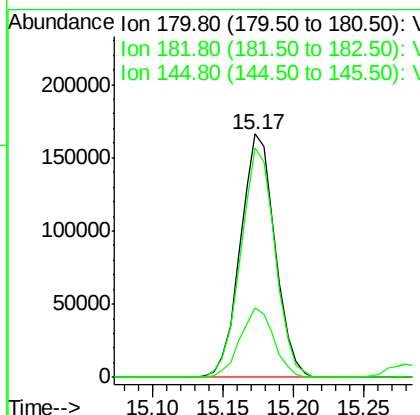
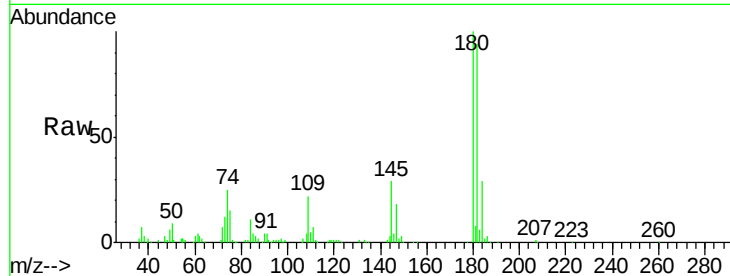
#93
 1,2,4-Trichlorobenzene
 Concen: 51.426 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285024		
182	93.8	48.0	144.2	
145	27.9	13.8	41.4	

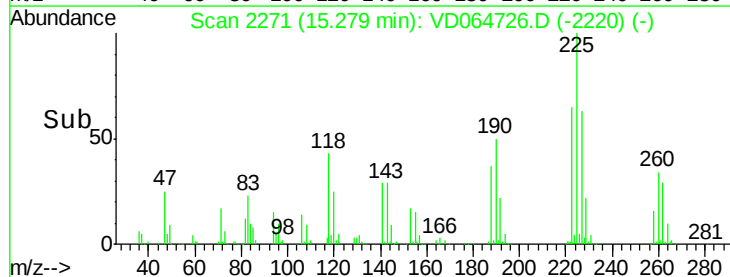
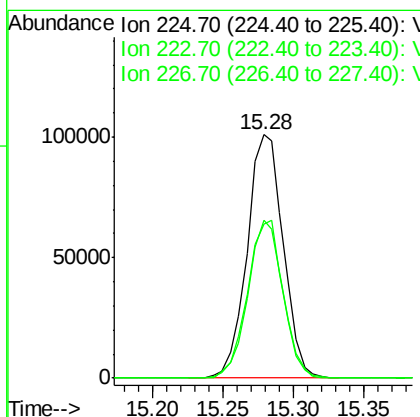
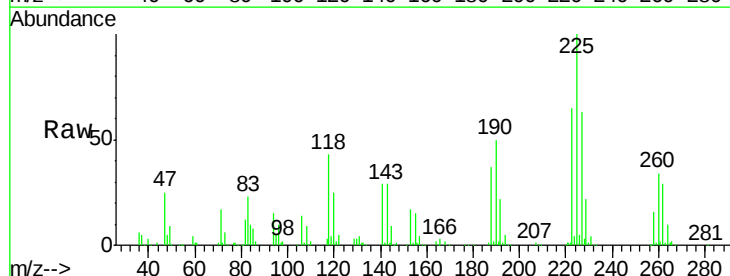
Manual Integrations
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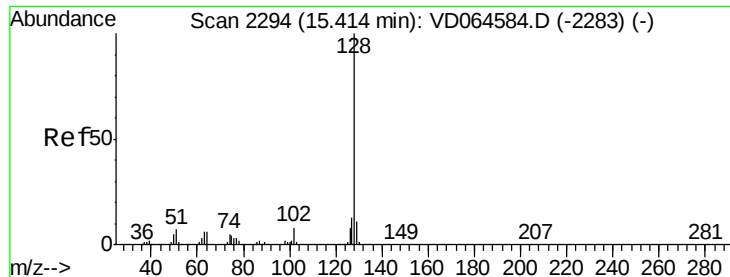
apatel
 1/6/2020 10:49:46 AM



#94
 Hexachlorobutadiene
 Concen: 51.922 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064726.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	181086		
223	62.7	31.1	93.2	
227	64.0	30.9	92.7	





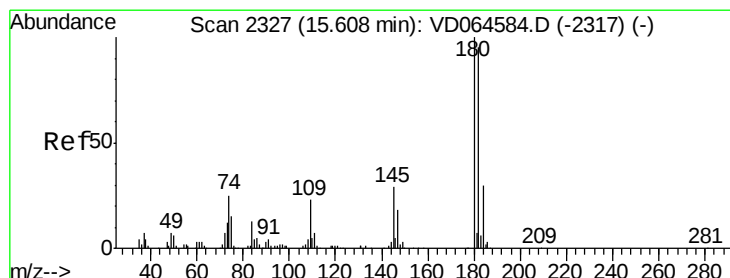
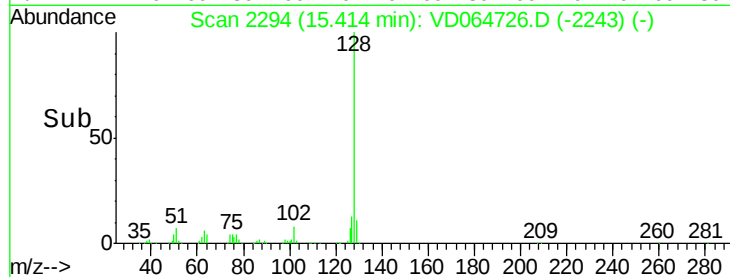
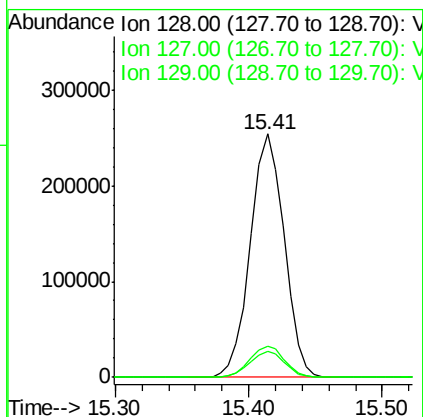
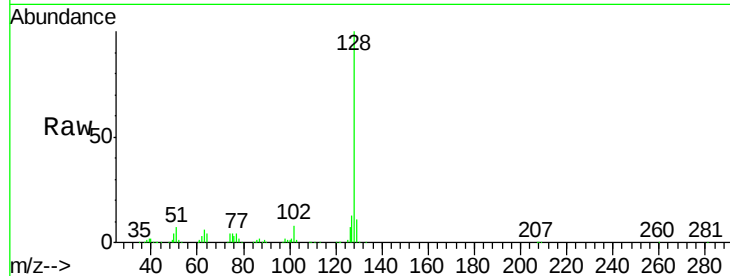
#95
Naphthalene
Concen: 50.706 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	444600		
127	13.3	10.3	15.5	
129	11.0	8.5	12.7	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.736 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064726.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	235330		
182	95.1	47.9	143.7	
145	30.2	14.9	44.7	

