

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064684.D
 Acq On : 31 Dec 2019 09:39
 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
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apatel
 1/2/2020 10:42:51 AM

Quant Time: Jan 01 00:52:19 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	398384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	573600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	496717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244871	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	187137	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	7.91	113	193684	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
50) Toluene-d8	10.34	98	739383	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
62) 4-Bromofluorobenzene	12.64	95	231524	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	146001	47.157	ug/l	97
3) Chloromethane	2.21	50	205040	47.354	ug/l	98
4) Vinyl Chloride	2.35	62	247433	46.867	ug/l	98
5) Bromomethane	2.77	94	169571	44.174	ug/l	94
6) Chloroethane	2.93	64	168445	47.617	ug/l	98
7) Trichlorofluoromethane	3.27	101	422799	47.562	ug/l	94
8) Diethyl Ether	3.71	74	80598	45.659	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	180063	48.911	ug/l	99
10) Methyl Iodide	4.29	142	198762	50.263	ug/l	100
11) Tert butyl alcohol	5.24	59	49374	245.244	ug/l #	70
12) 1,1-Dichloroethene	4.06	96	170511	48.649	ug/l	94
13) Acrolein	3.92	56	53039	189.035	ug/l	98
14) Allyl chloride	4.71	41	273461	50.042	ug/l	99
15) Acrylonitrile	5.43	53	170814	232.312	ug/l	99
16) Acetone	4.16	43	207902	285.472	ug/l	97
17) Carbon Disulfide	4.40	76	531437	46.893	ug/l	99
18) Methyl Acetate	4.72	43	93242	47.146	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	372500	47.849	ug/l	96
20) Methylene Chloride	4.96	84	183063	51.057	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	198745	49.791	ug/l	99
22) Diisopropyl ether	6.37	45	542476	49.770	ug/l	100
23) Vinyl Acetate	6.30	43	1494376	241.693	ug/l	97
24) 1,1-Dichloroethane	6.26	63	330390	50.492	ug/l	99
25) 2-Butanone	7.21	43	238151	246.632	ug/l	96
26) 2,2-Dichloropropane	7.21	77	316746	52.064	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	213523	49.566	ug/l	98
28) Bromochloromethane	7.54	49	128870	50.664	ug/l	100
29) Tetrahydrofuran	7.57	42	134237	223.545	ug/l	100
30) Chloroform	7.71	83	346335	50.448	ug/l	96
31) Cyclohexane	7.98	56	303478	46.333	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	330597	51.270	ug/l	98
36) 1,1-Dichloropropene	8.11	75	273016	49.451	ug/l	98
37) Ethyl Acetate	7.30	43	101447	46.774	ug/l	100
38) Carbon Tetrachloride	8.09	117	300692	51.078	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	327115	48.920	ug/l	99
40) Benzene	8.35	78	752252	49.913	ug/l	99
41) Methacrylonitrile	7.53	41	67603	53.722	ug/l	94
42) 1,2-Dichloroethane	8.43	62	216452	49.699	ug/l	98
43) Isopropyl Acetate	8.45	43	198753	46.040	ug/l	98
44) Trichloroethene	9.11	130	217215	49.060	ug/l	99
45) 1,2-Dichloropropane	9.38	63	179802	49.966	ug/l	98
46) Dibromomethane	9.47	93	96511	48.104	ug/l	99
47) Bromodichloromethane	9.66	83	267437	50.094	ug/l	98
48) Methyl methacrylate	9.46	41	93644	46.069	ug/l	94
49) 1,4-Dioxane	9.46	88	20519	886.970	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	496839	232.843	ug/l	99
52) Toluene	10.40	92	492777	49.836	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	247587	49.743	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	292901	49.907	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	128767	47.624	ug/l	94
56) Ethyl methacrylate	10.66	69	161061	47.697	ug/l	98
57) 1,3-Dichloropropane	10.95	76	221280	47.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	274186	213.126	ug/l	100
59) 2-Hexanone	10.98	43	368435	254.400	ug/l	100
60) Dibromochloromethane	11.14	129	177849	47.566	ug/l	97
61) 1,2-Dibromoethane	11.25	107	126225	47.332	ug/l	99
64) Tetrachloroethene	10.87	164	187579	49.224	ug/l	99
65) Chlorobenzene	11.67	112	512861	49.748	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	197146	50.727	ug/l	99
67) Ethyl Benzene	11.74	91	945260	50.516	ug/l	99
68) m/p-Xylenes	11.86	106	717860	99.393	ug/l	97
69) o-Xylene	12.18	106	323680	49.616	ug/l	98
70) Styrene	12.20	104	575908	50.294	ug/l	99
71) Bromoform	12.36	173	105155	47.445	ug/l #	99
73) Isopropylbenzene	12.48	105	896595	51.237	ug/l	99
74) N-amyl acetate	12.29	43	182764	48.859	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	129530	47.120	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	79758m	41.247	ug/l	
77) Bromobenzene	12.77	156	213745	49.711	ug/l	99
78) n-propylbenzene	12.83	91	1042323	51.057	ug/l	100
79) 2-Chlorotoluene	12.91	91	568770	50.717	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	735454	51.163	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	44957	48.626	ug/l	98
82) 4-Chlorotoluene	13.01	91	598176	50.121	ug/l	99
83) tert-Butylbenzene	13.23	119	637124	51.049	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	729825	50.979	ug/l	99
85) sec-Butylbenzene	13.41	105	880228	51.444	ug/l	100
86) p-Isopropyltoluene	13.53	119	831523	50.824	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	409206	49.923	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	394973	49.051	ug/l	100
89) n-Butylbenzene	13.85	91	760529	51.619	ug/l	99
90) Hexachloroethane	14.12	117	157445	50.378	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	342904	49.060	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	20307	45.569	ug/l	97

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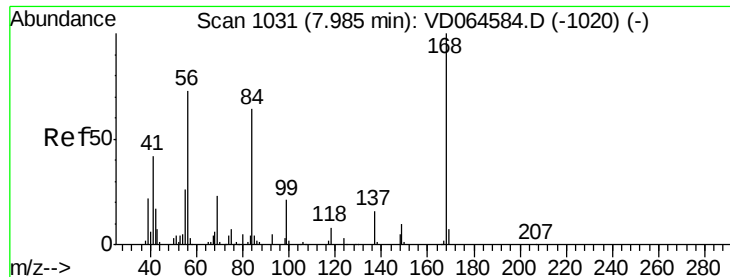
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	245410	47.685	ug/l	100
94) Hexachlorobutadiene	15.28	225	155444	47.999	ug/l	97
95) Naphthalene	15.41	128	383329	47.082	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	207427	47.212	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: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 398384

Ion Ratio Lower Upper

168 100

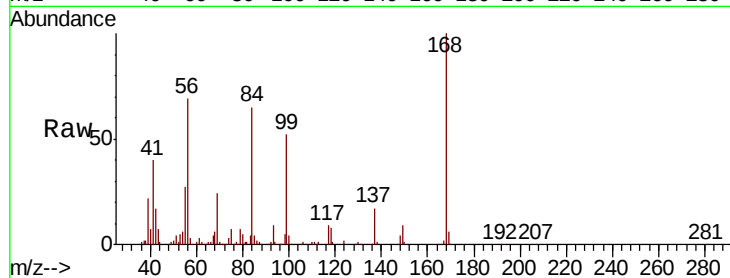
99 51.9 41.8 62.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

50000

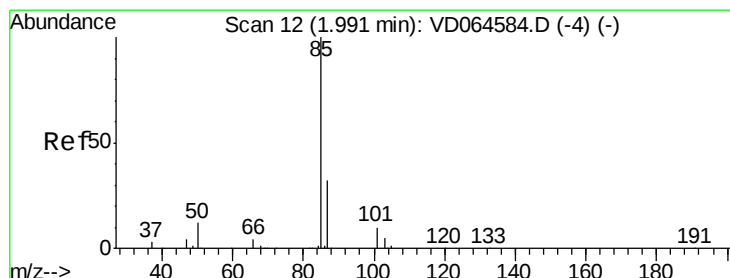
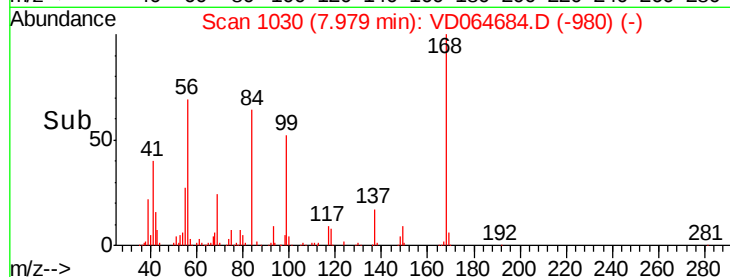
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.157 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064684.D

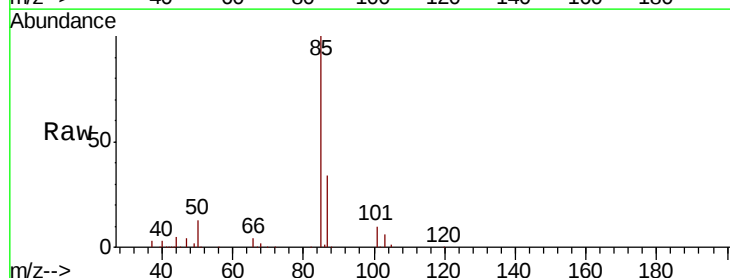
Acq: 31 Dec 2019 09:39

Tgt Ion: 85 Resp: 146001

Ion Ratio Lower Upper

85 100

87 33.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

120000

100000

80000

60000

40000

20000

0

1.90

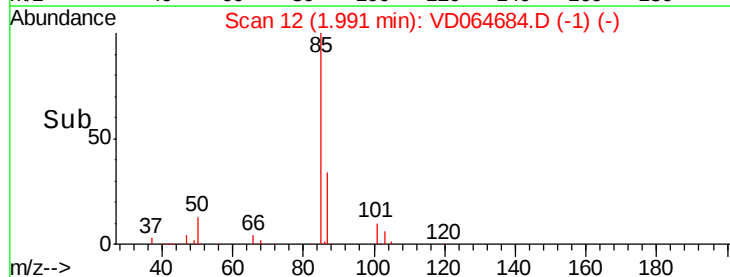
1.95

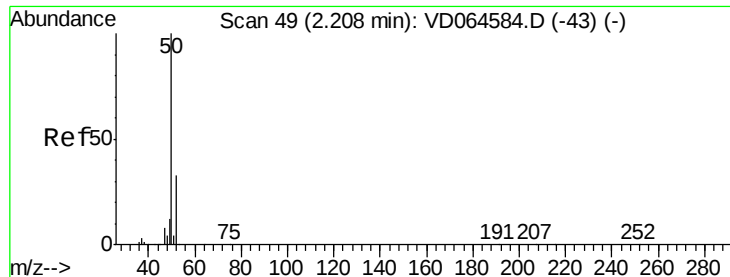
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 47.354 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 205040

Ion Ratio Lower Upper

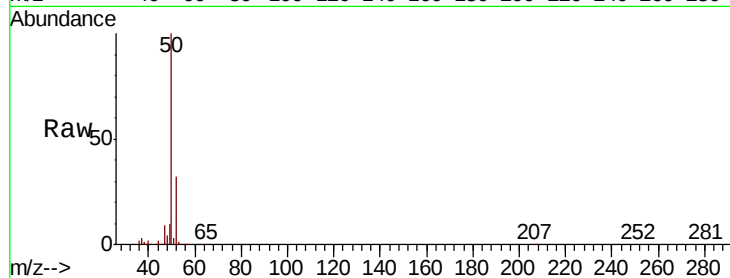
50 100

52 32.0 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

2.21

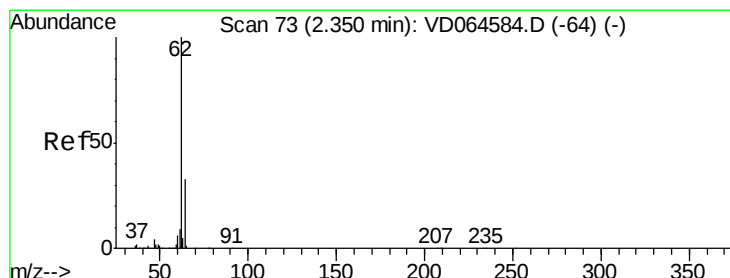
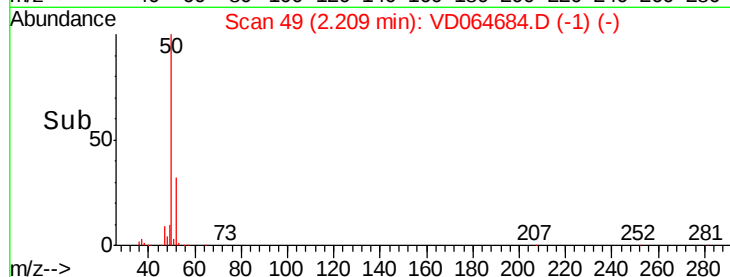
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.867 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064684.D

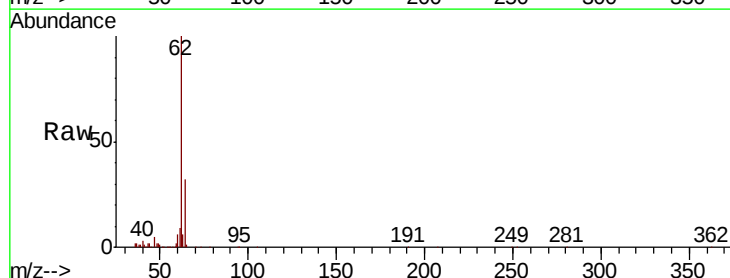
Acq: 31 Dec 2019 09:39

Tgt Ion: 62 Resp: 247433

Ion Ratio Lower Upper

62 100

64 32.4 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

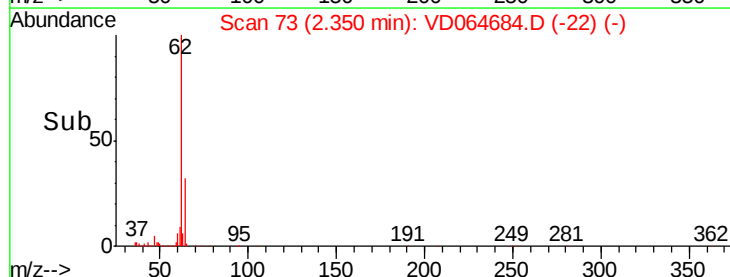
150000

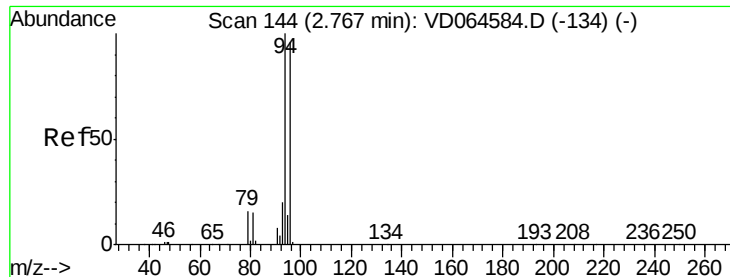
100000

50000

0

Time-->





#5

Bromomethane

Concen: 44.174 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 169571

Ion Ratio Lower Upper

94 100

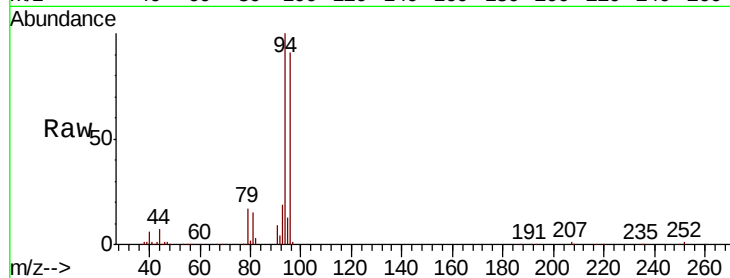
96 90.9 77.2 115.8

Manual Integrations

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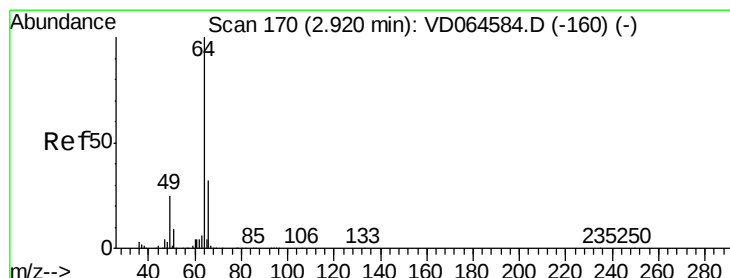
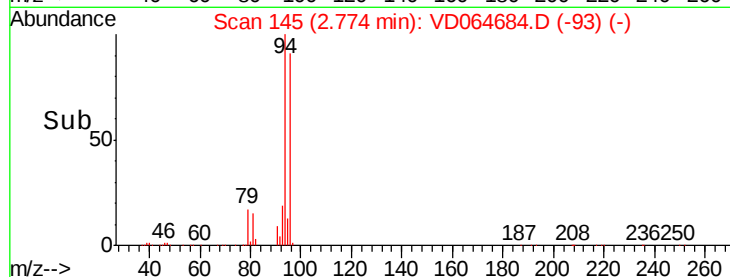
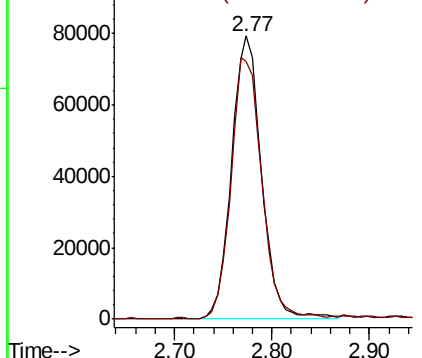
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.617 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064684.D

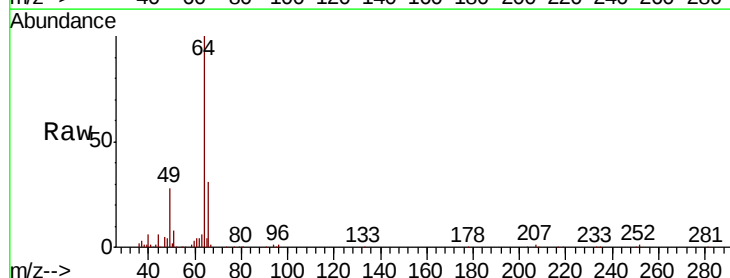
Acq: 31 Dec 2019 09:39

Tgt Ion: 64 Resp: 168445

Ion Ratio Lower Upper

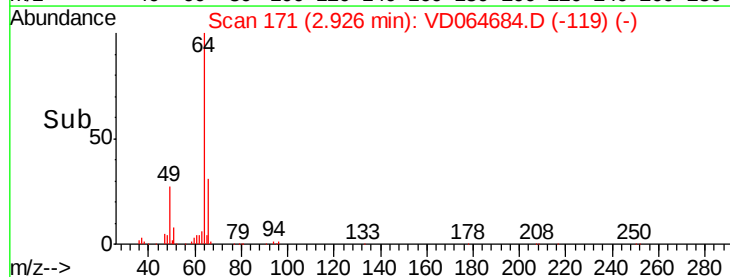
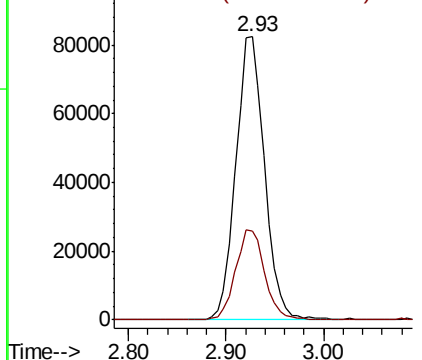
64 100

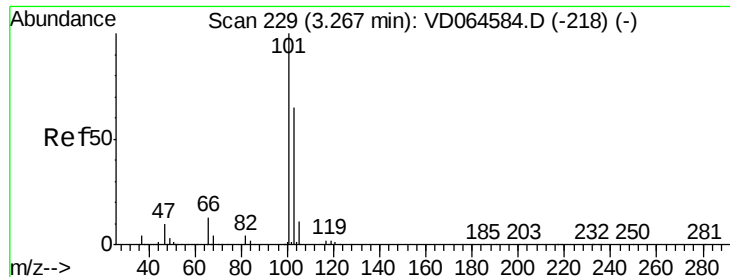
66 31.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

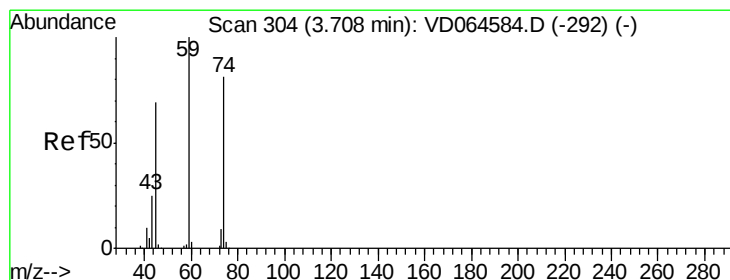
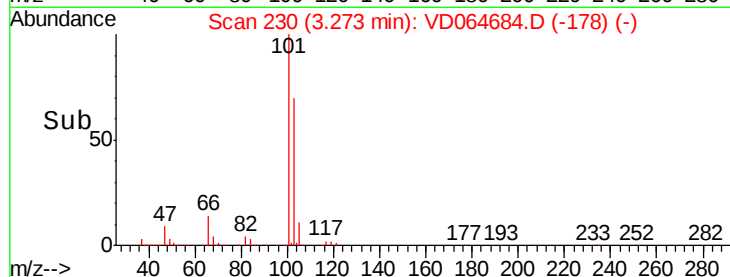
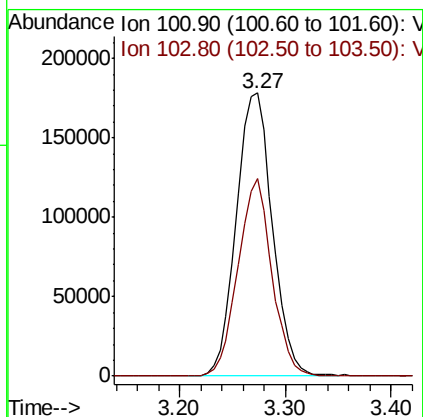
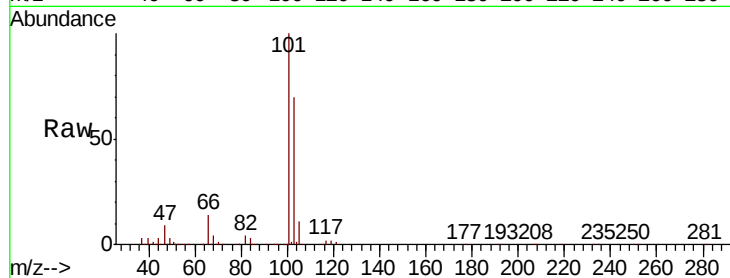
Trichlorofluoromethane
 Concen: 47.562 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.9	52.2	78.4

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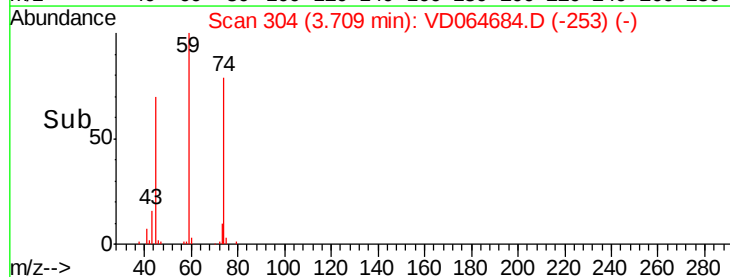
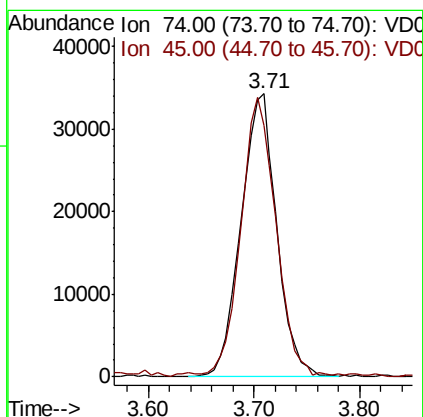
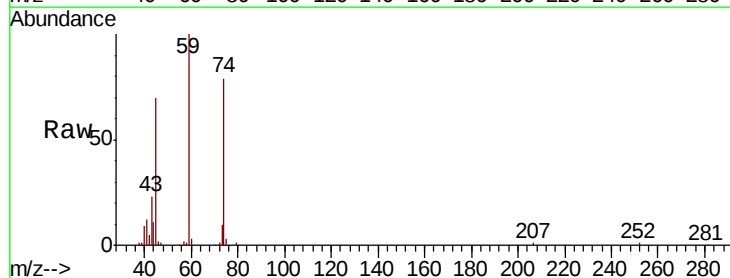
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#8

Diethyl Ether
 Concen: 45.659 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.911 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

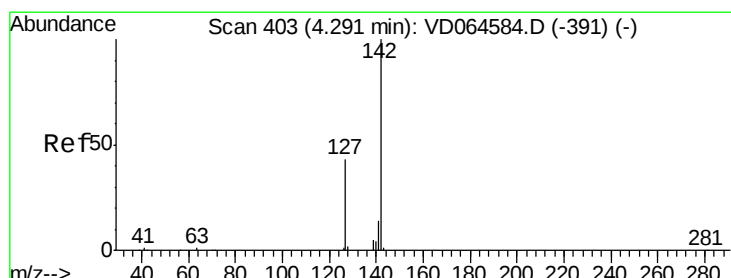
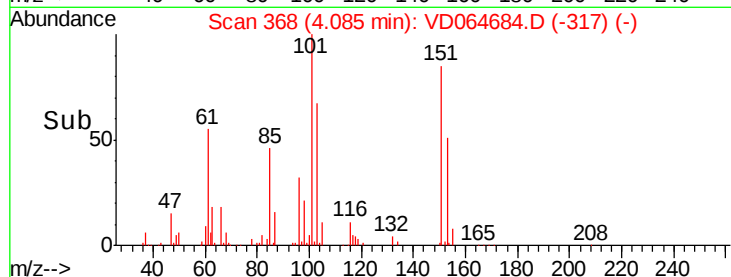
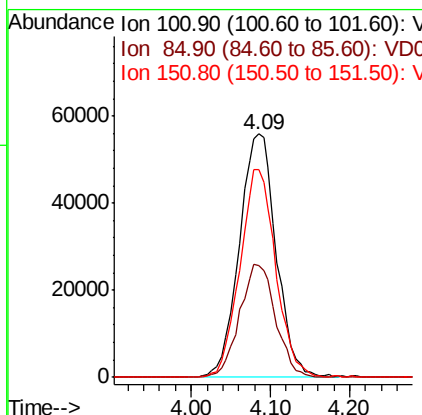
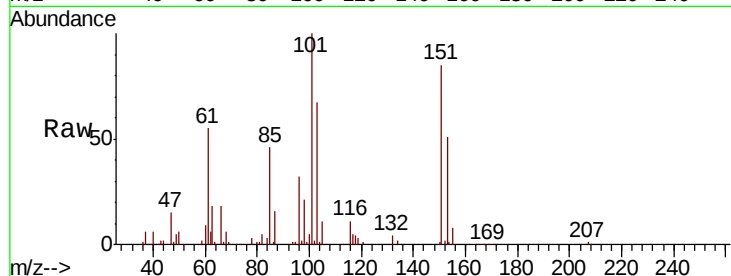
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	180063
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.2	52.8
151	83.1	66.2	99.4

Manual Integrations
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#10

Methyl Iodide

Concen: 50.263 ug/l

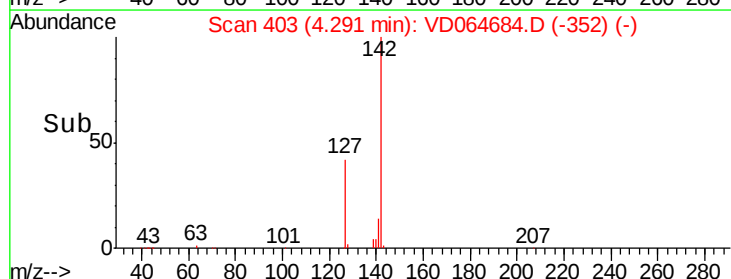
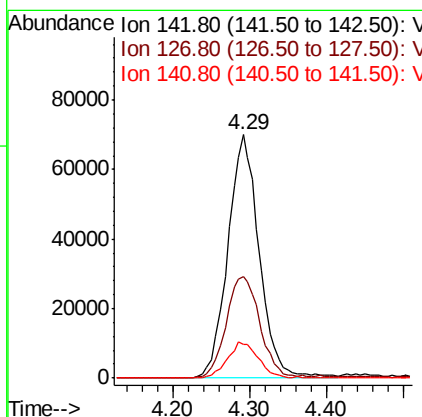
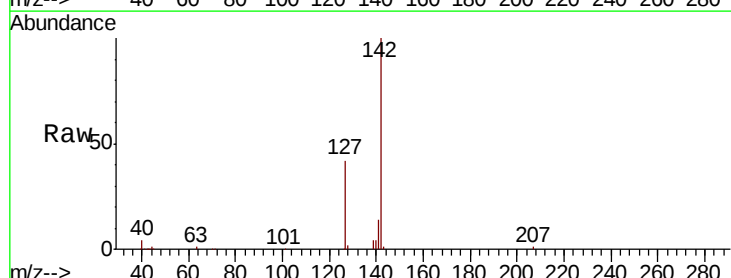
RT: 4.29 min Scan# 403

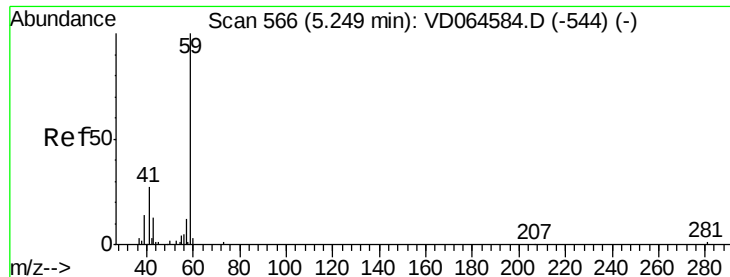
Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Tgt Ion:	142	Resp:	198762
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.2	54.4
141	14.5	11.8	17.8





#11

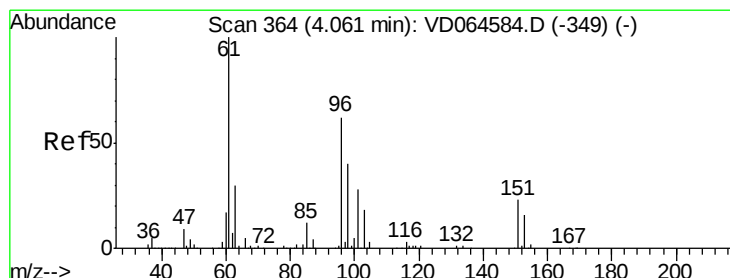
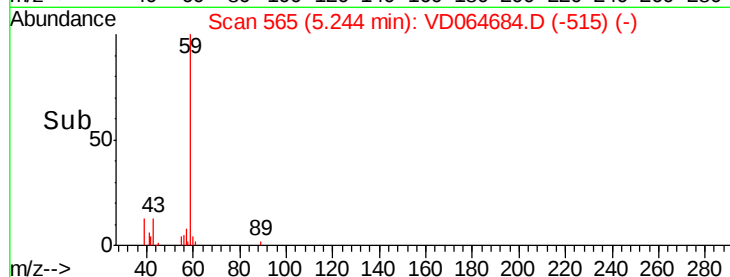
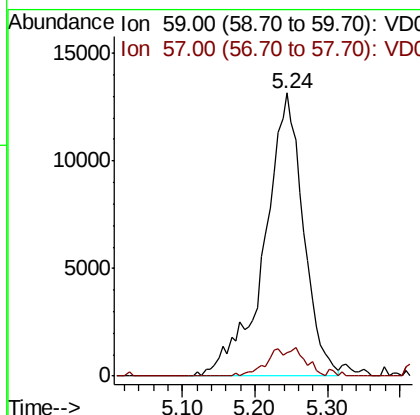
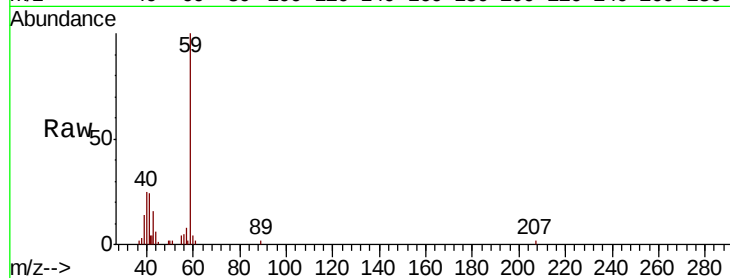
Tert butyl alcohol
Concen: 245.244 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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

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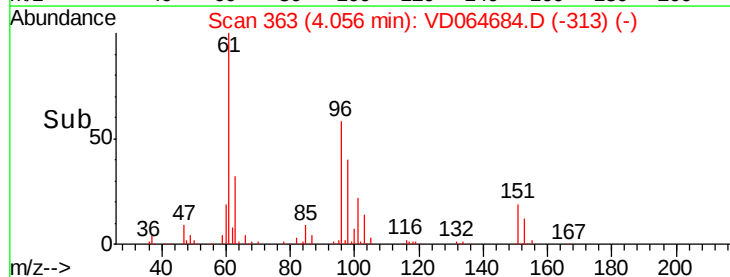
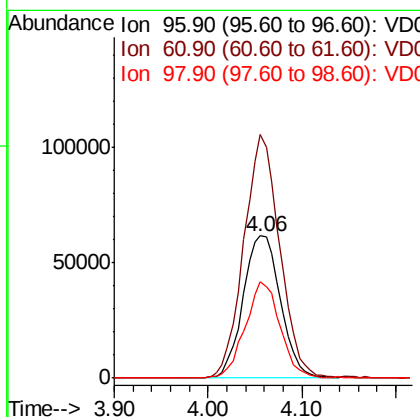
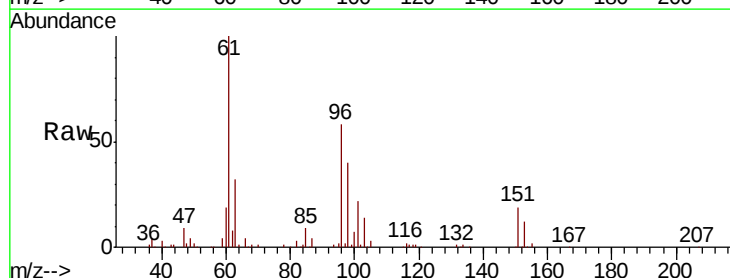
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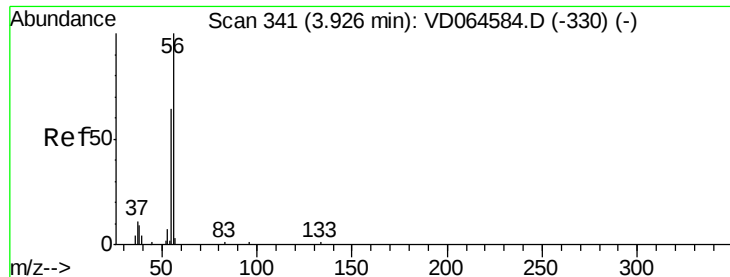


#12

1,1-Dichloroethene
Concen: 48.649 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.0	129.4	194.0
98	68.0	51.4	77.0





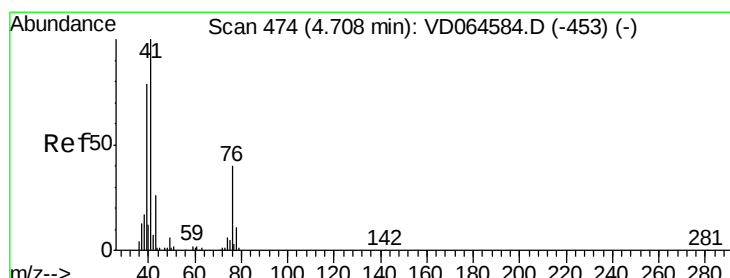
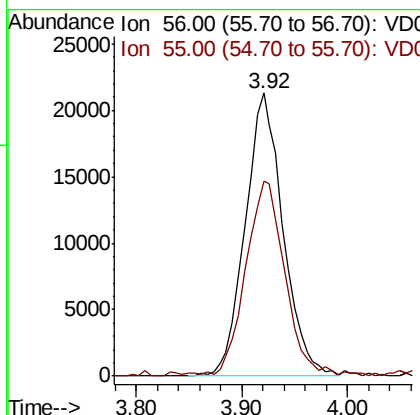
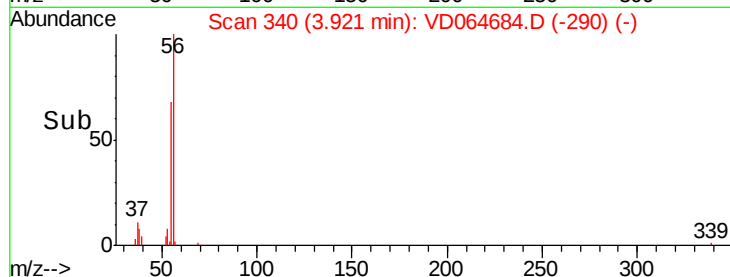
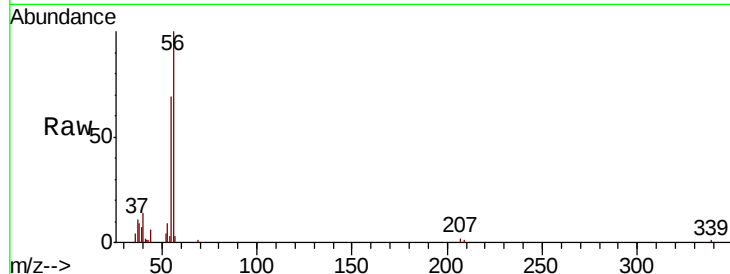
#13
Acrolein
Concen: 189.035 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	53039
Ion Ratio	100	Lower	Upper
55	68.8	56.7	85.1

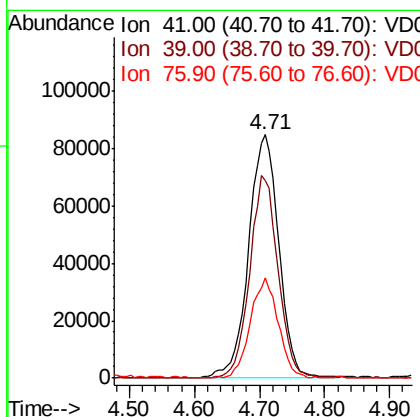
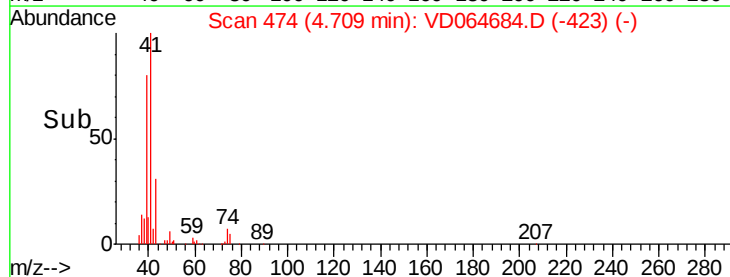
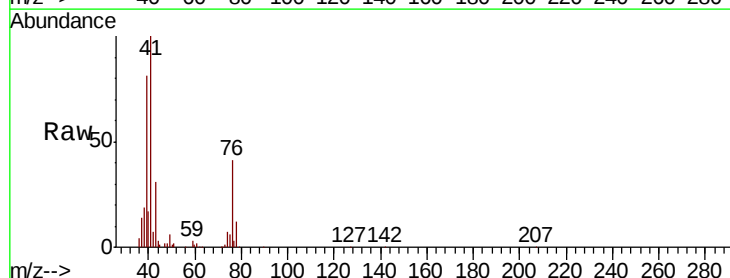
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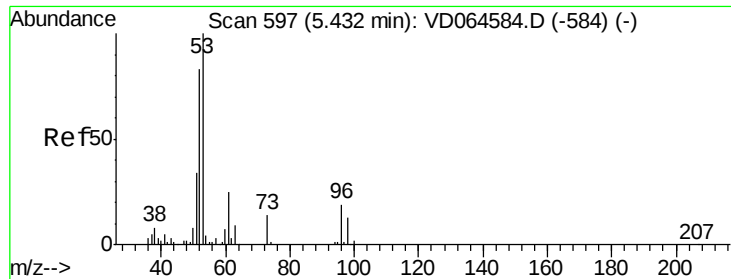
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#14
Allyl chloride
Concen: 50.042 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	41	Resp	273461
Ion Ratio	100	Lower	Upper
39	77.8	62.3	93.5
76	38.0	29.7	44.5





#15

Acrylonitrile

Concen: 232.312 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

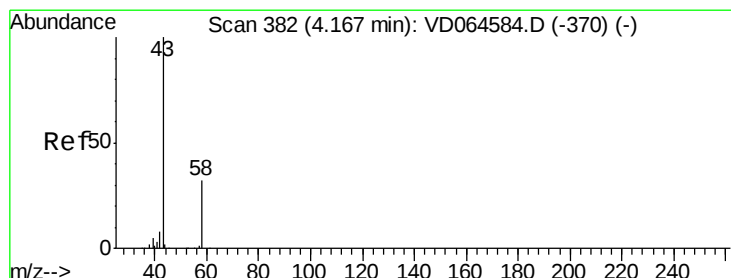
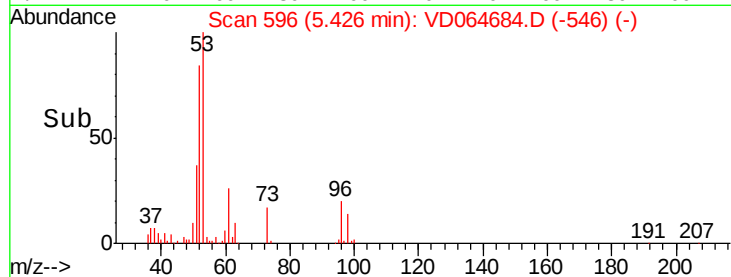
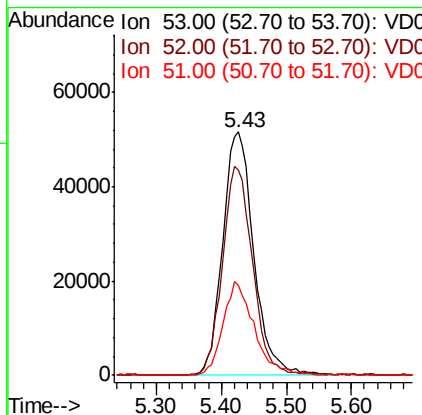
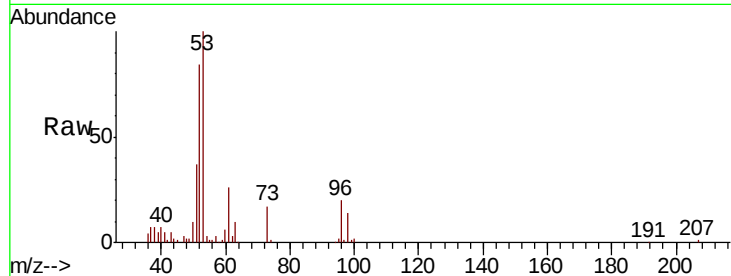
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	170814
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.2	99.2
51	38.6	30.1	45.1

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#16

Acetone

Concen: 285.472 ug/l

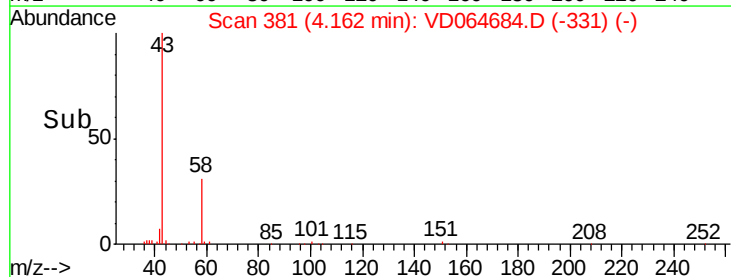
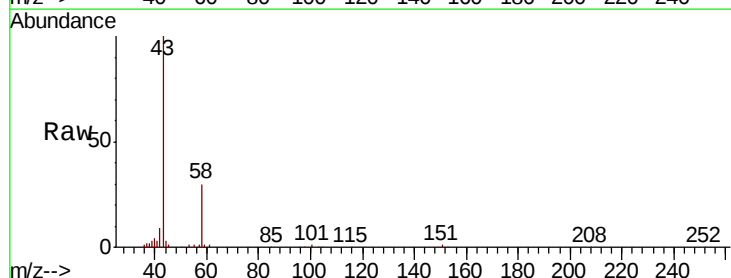
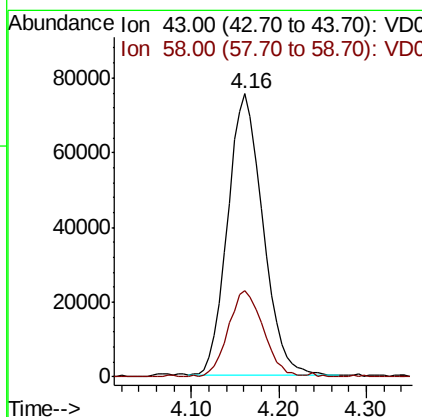
RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Tgt Ion:	43	Resp:	207902
Ion Ratio	Lower	Upper	
43	100		
58	30.6	25.8	38.6





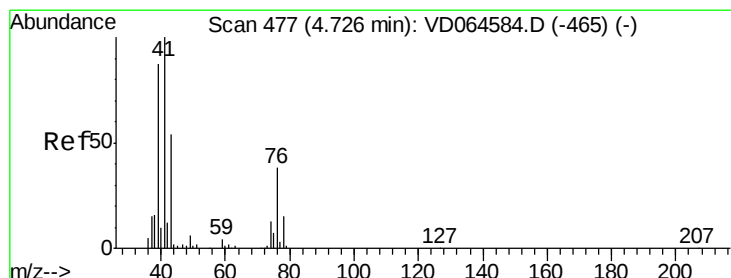
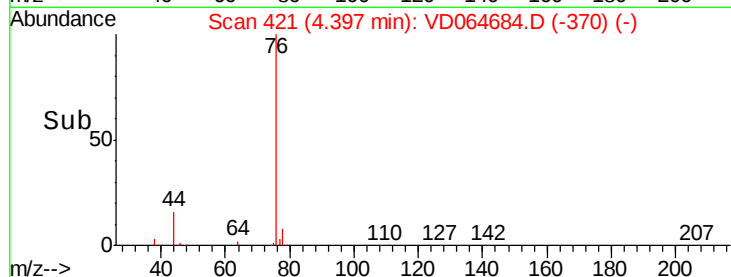
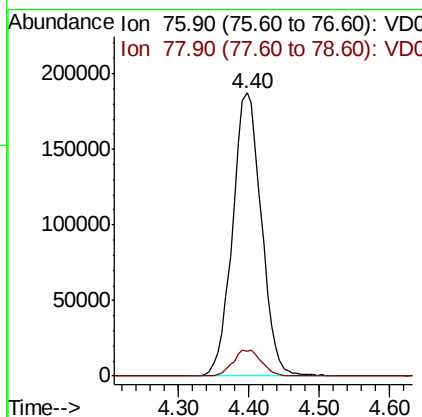
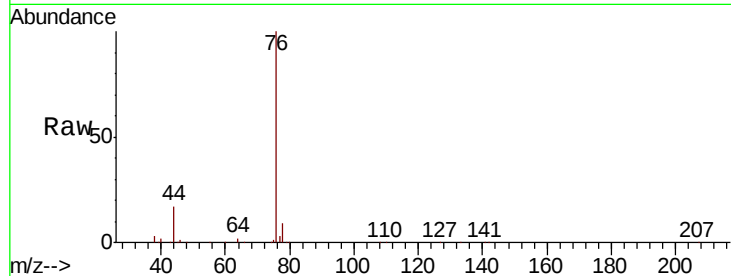
#17
Carbon Disulfide
Concen: 46.893 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

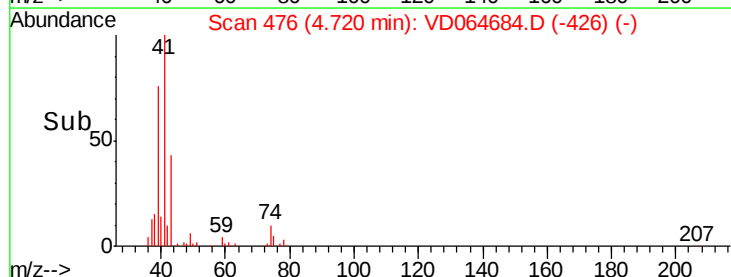
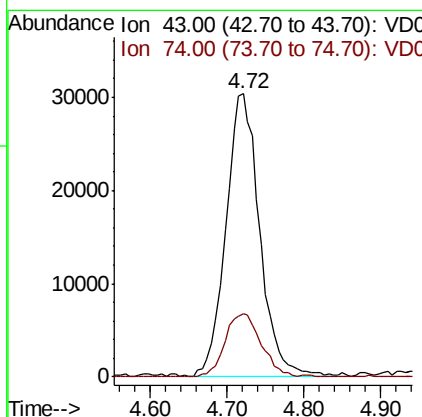
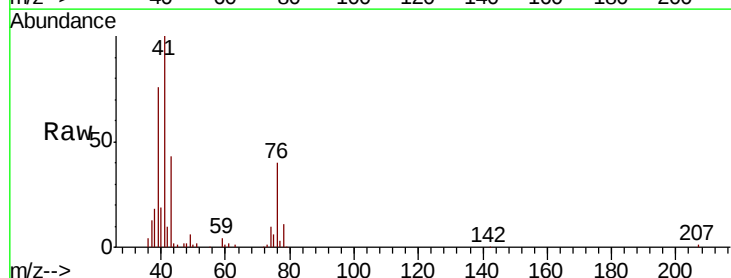
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#18
Methyl Acetate
Concen: 47.146 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.2	28.8





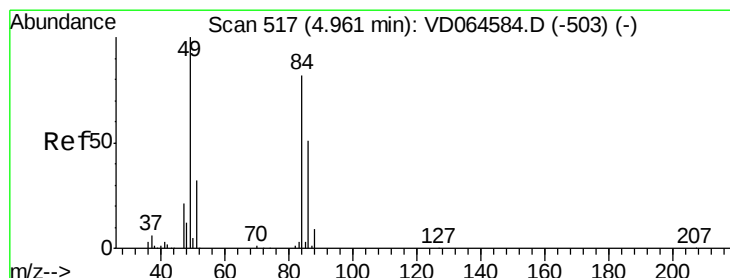
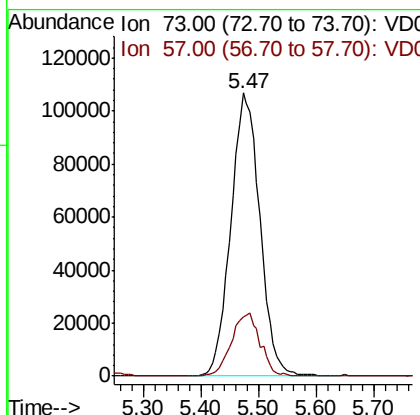
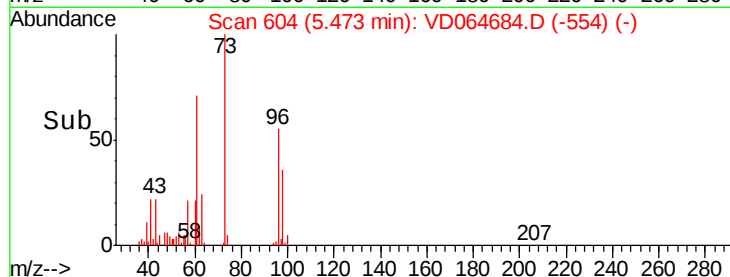
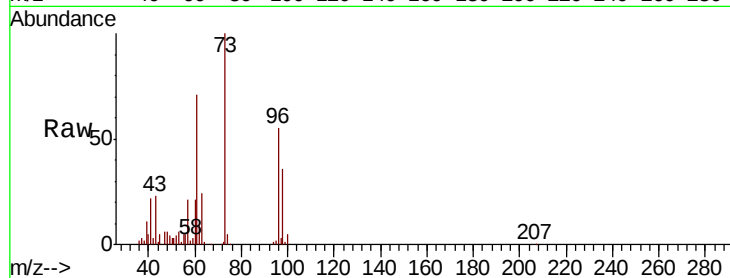
#19
Methyl tert-butyl Ether
Concen: 47.849 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 372500
Ion Ratio Lower Upper
73 100
57 21.2 18.6 27.8

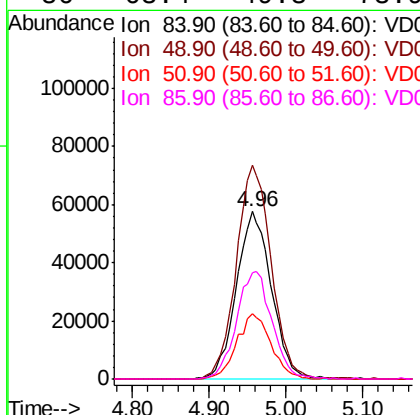
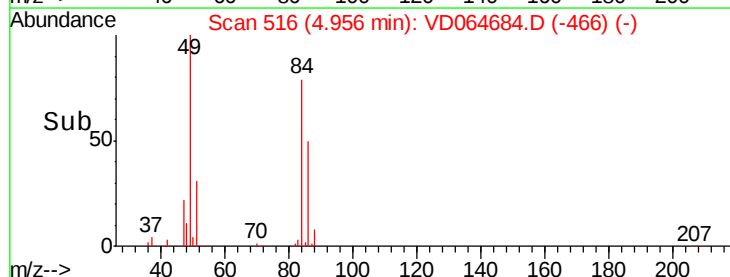
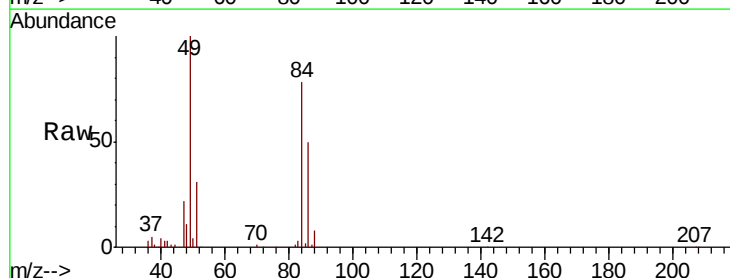
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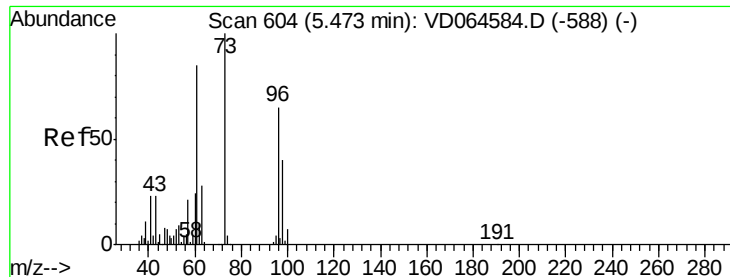
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#20
Methylene Chloride
Concen: 51.057 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion: 84 Resp: 183063
Ion Ratio Lower Upper
84 100
49 127.6 97.2 145.8
51 39.3 31.4 47.0
86 63.4 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 49.791 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 198745

Ion Ratio Lower Upper

96 100

61 130.3 104.7 157.1

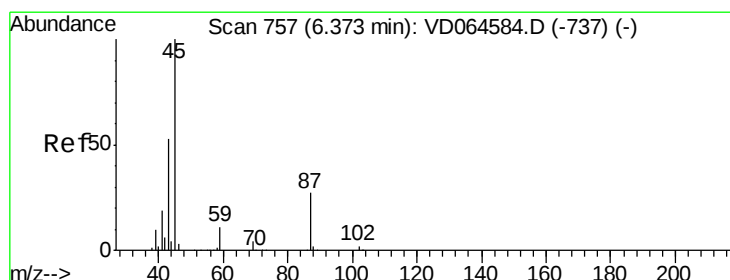
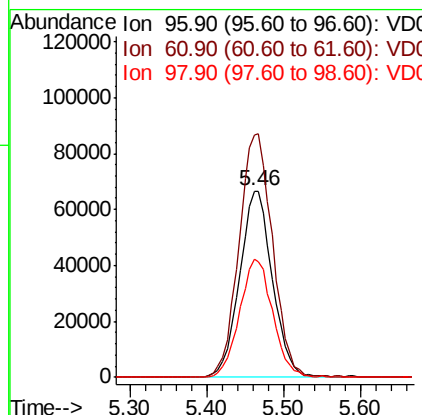
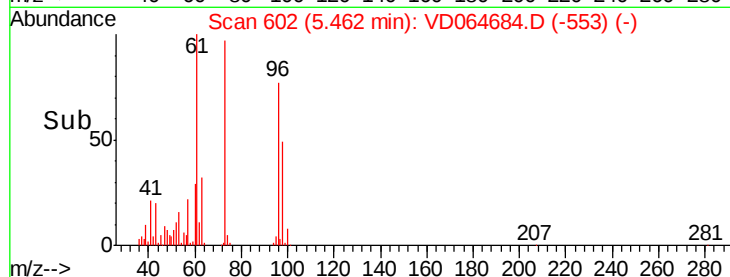
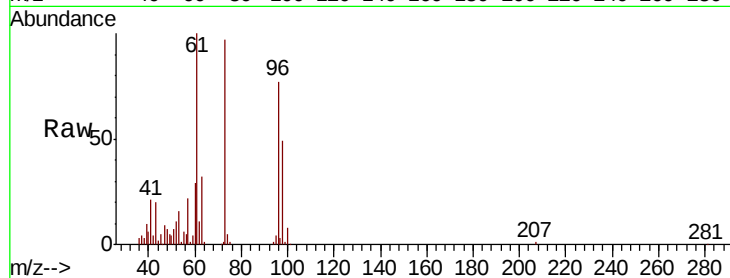
98 63.3 49.4 74.2

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#22

Diisopropyl ether

Concen: 49.770 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Tgt Ion: 45 Resp: 542476

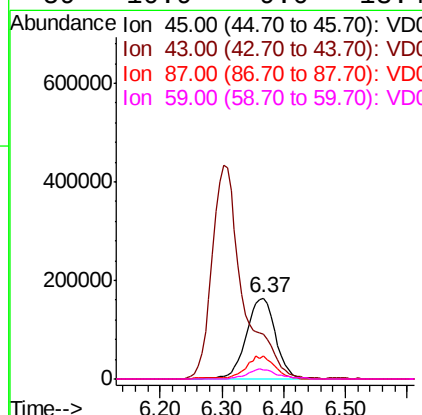
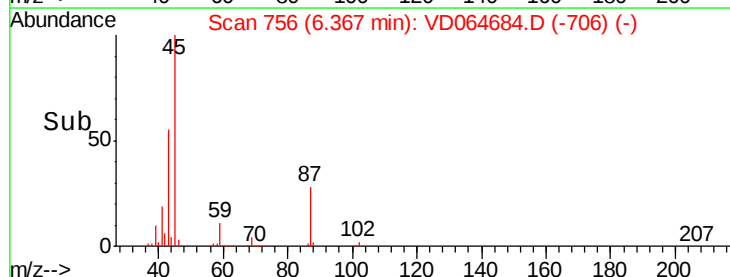
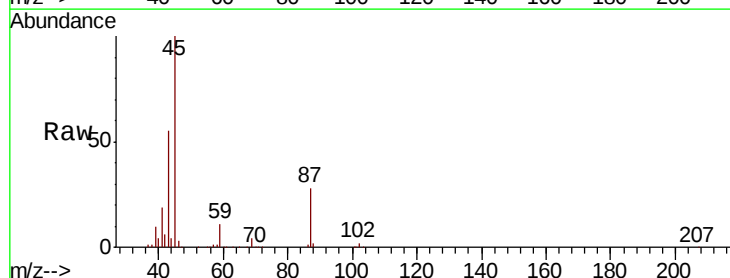
Ion Ratio Lower Upper

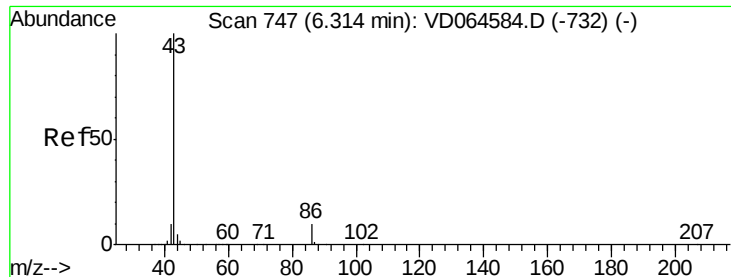
45 100

43 54.0 43.2 64.8

87 28.0 21.9 32.9

59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 241.693 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 1494376

Ion Ratio Lower Upper

43 100

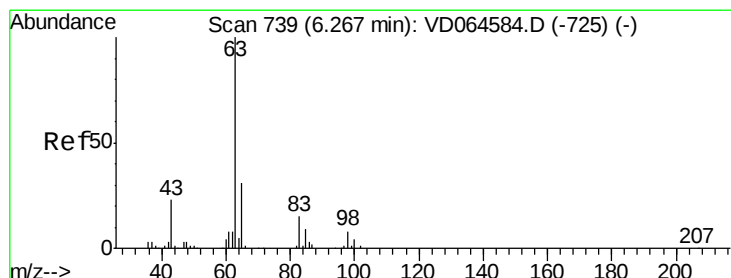
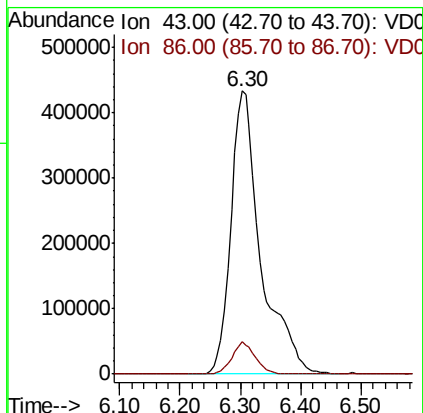
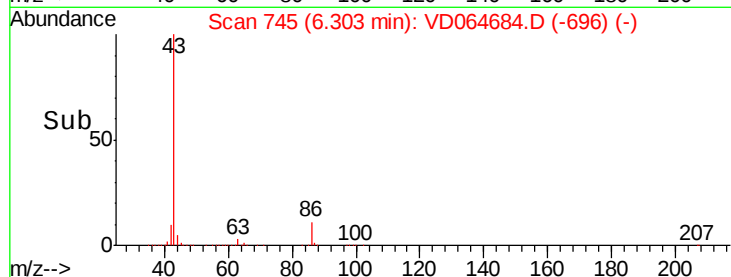
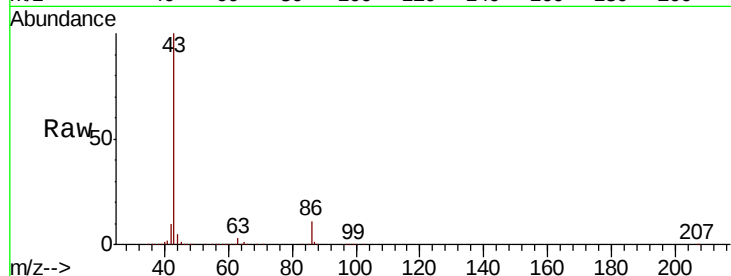
86 11.4 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 50.492 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

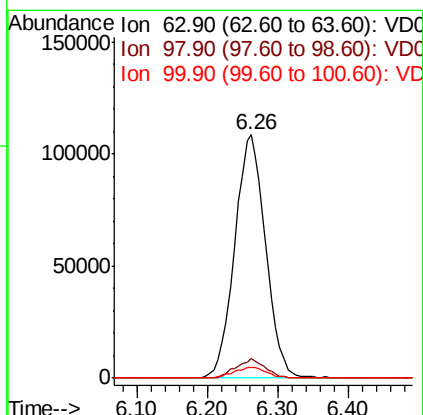
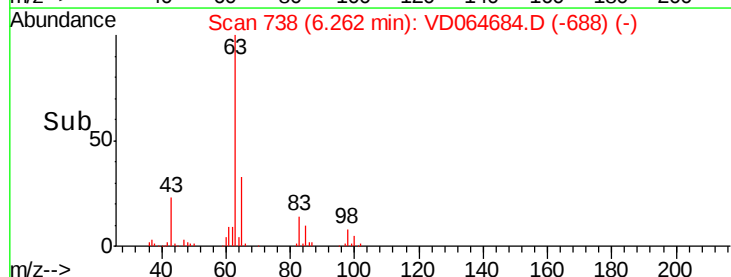
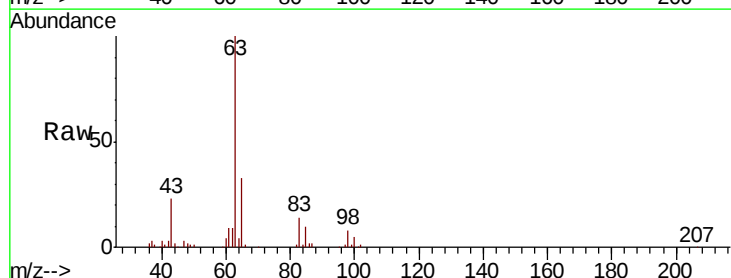
Tgt Ion: 63 Resp: 330390

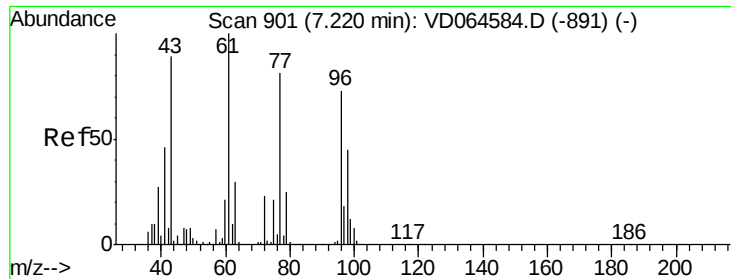
Ion Ratio Lower Upper

63 100

98 7.9 4.1 12.3

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 246.632 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 238151

Ion Ratio Lower Upper

43 100

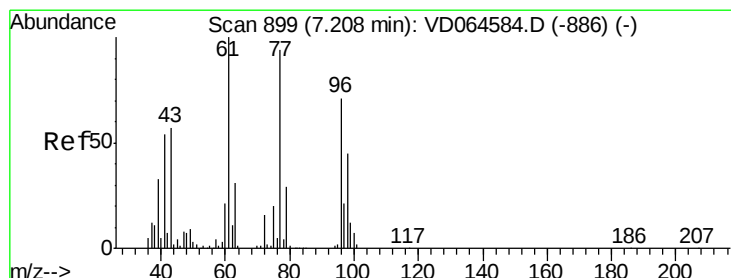
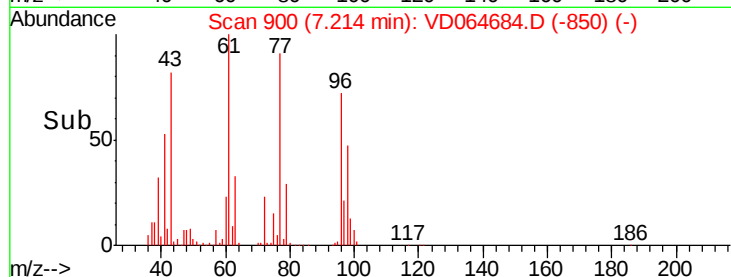
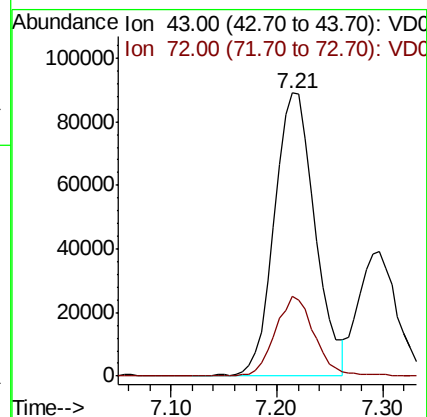
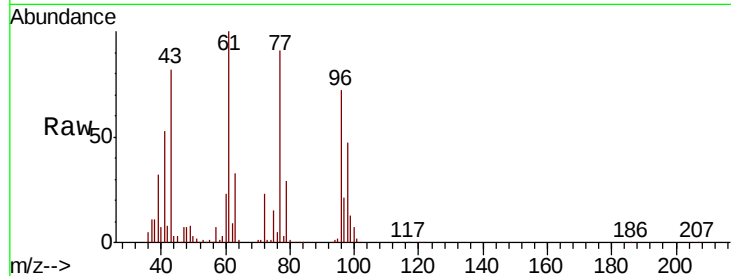
72 28.1 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 52.064 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064684.D

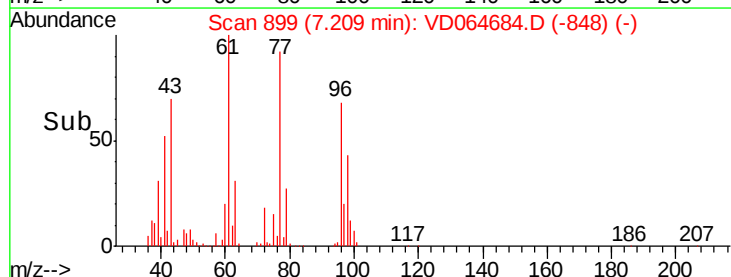
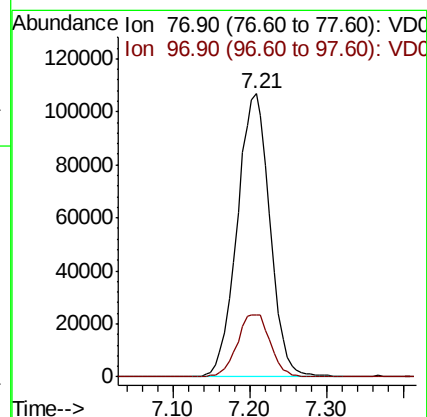
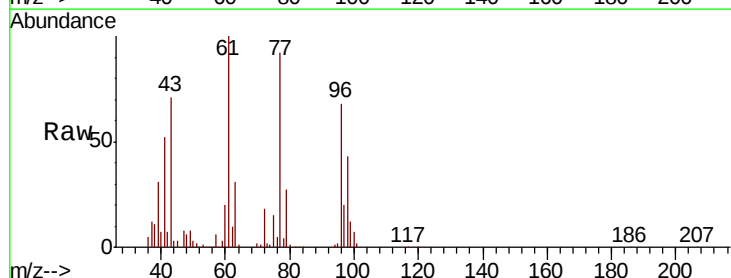
Acq: 31 Dec 2019 09:39

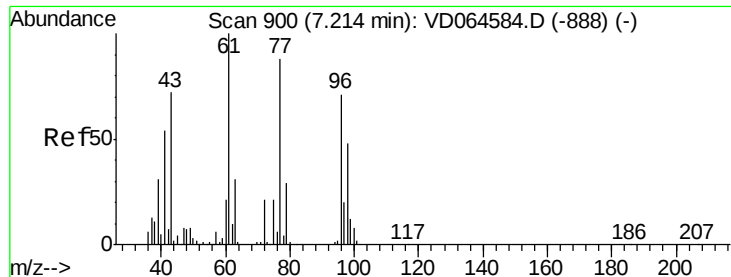
Tgt Ion: 77 Resp: 316746

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.6





#27

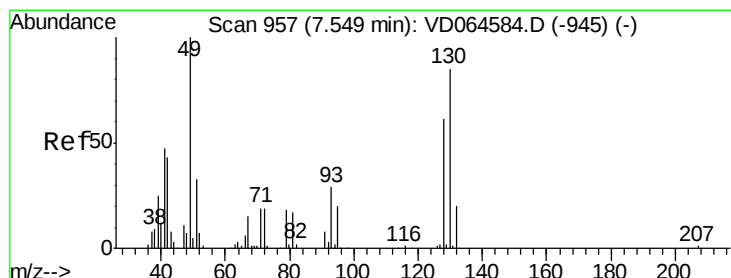
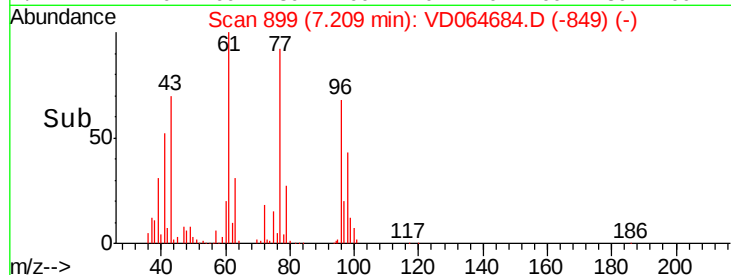
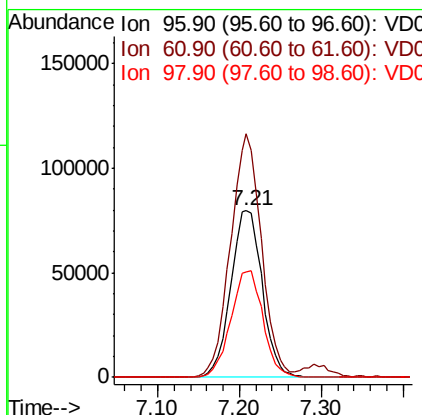
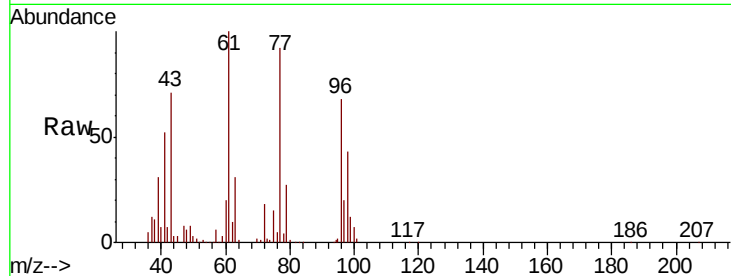
cis-1,2-Dichloroethene
Concen: 49.566 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	213523		
61	144.0	0.0	282.6	
98	65.1	0.0	130.8	

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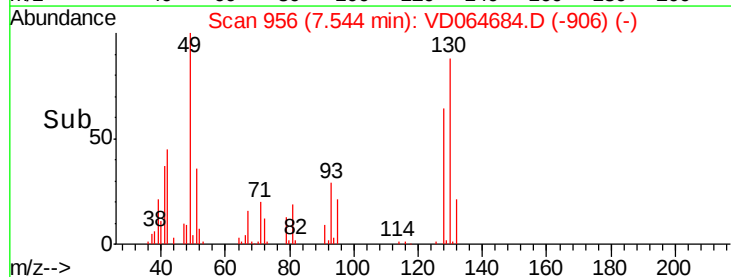
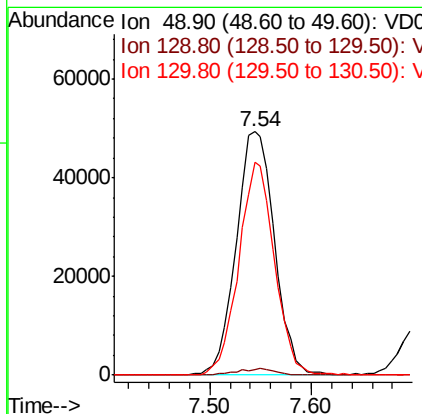
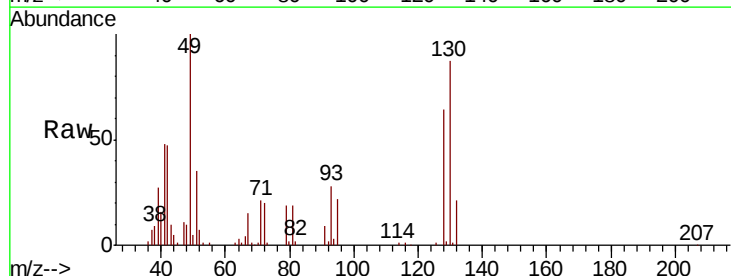
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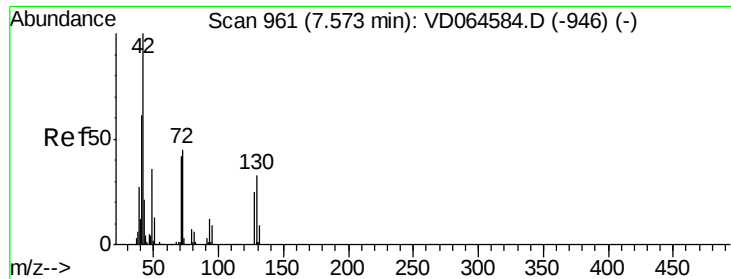


#28

Bromochloromethane
Concen: 50.664 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	128870		
129	2.5	0.0	4.8	
130	81.6	65.0	97.6	





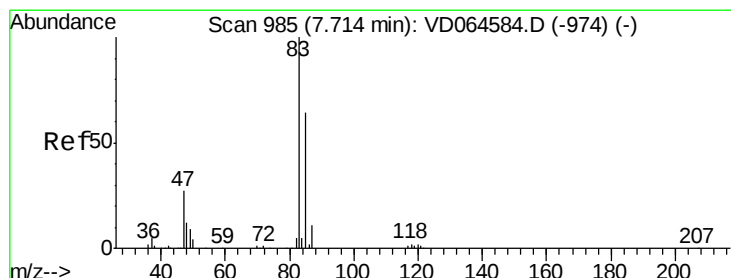
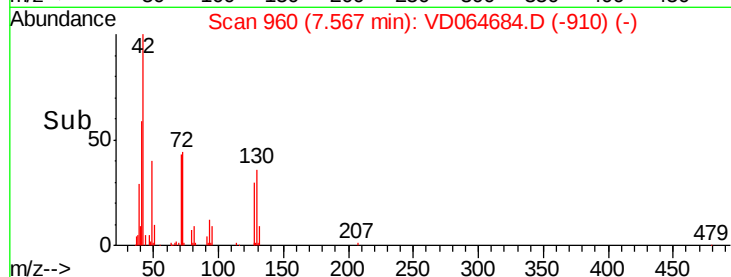
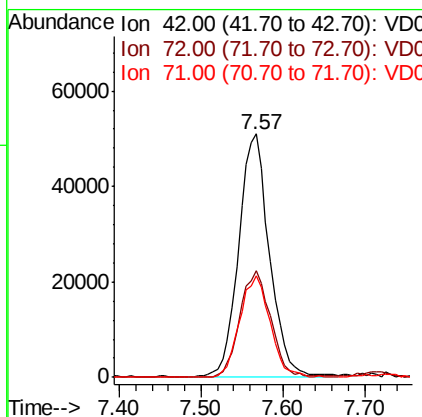
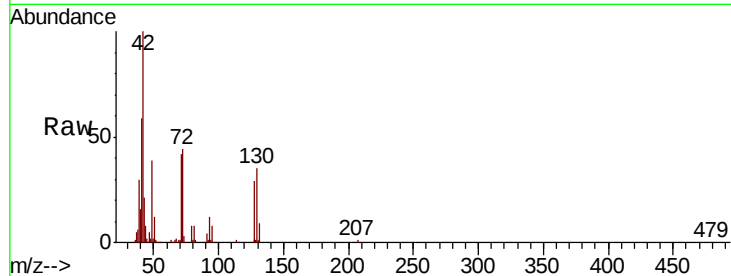
#29
Tetrahydrofuran
Concen: 223.545 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.0	52.4
71	40.9	32.9	49.3

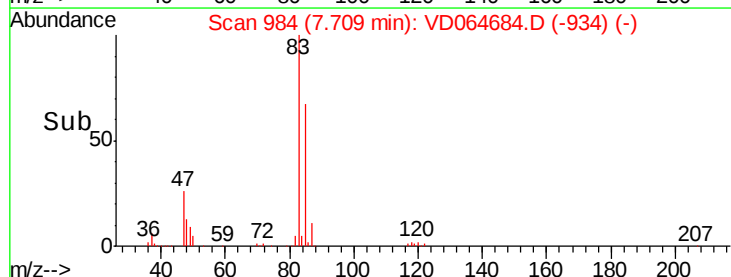
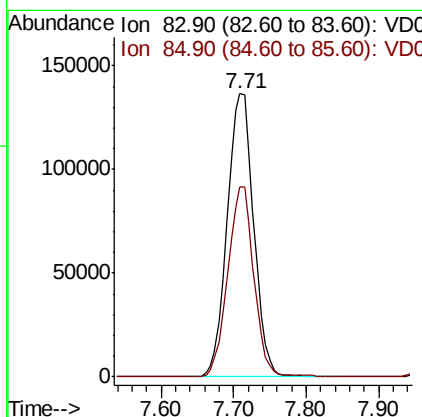
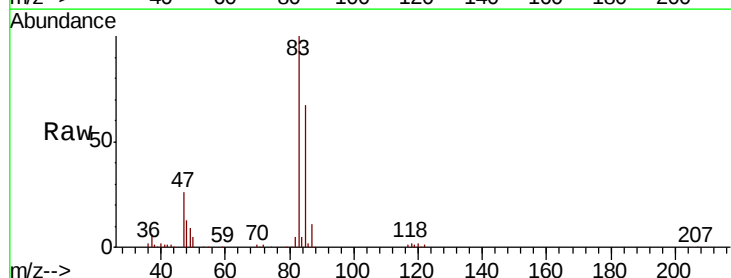
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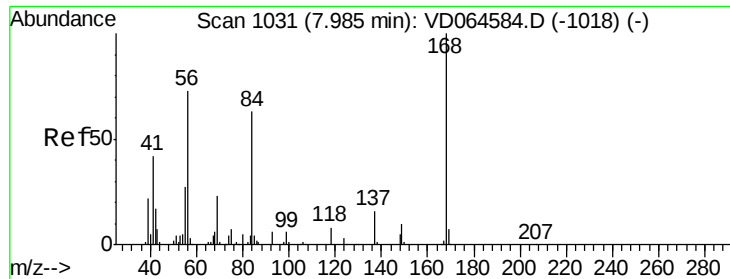
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#30
Chloroform
Concen: 50.448 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.1	76.7





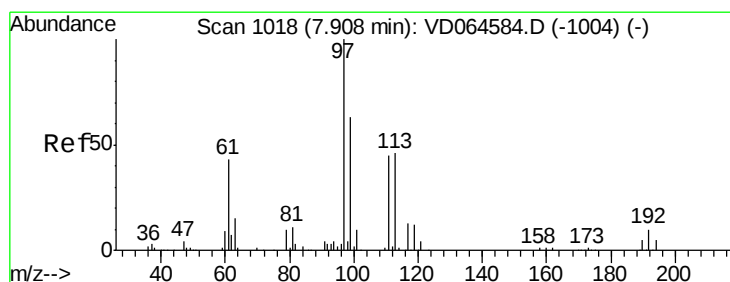
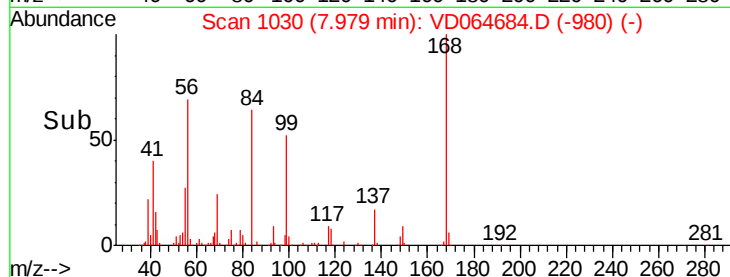
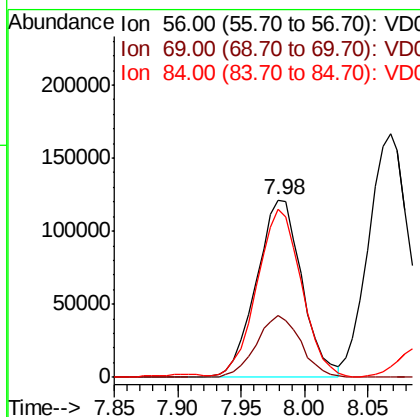
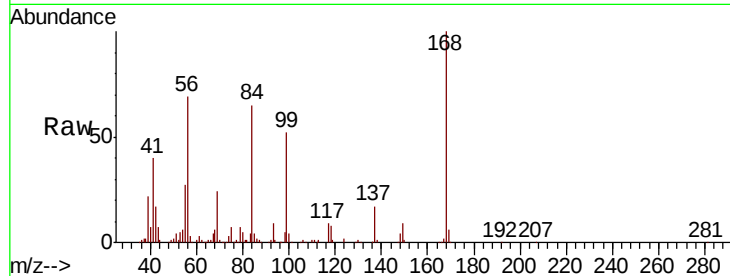
#31
Cyclohexane
Concen: 46.333 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	35.1	24.7	37.1	
84	93.5	69.4	104.2	

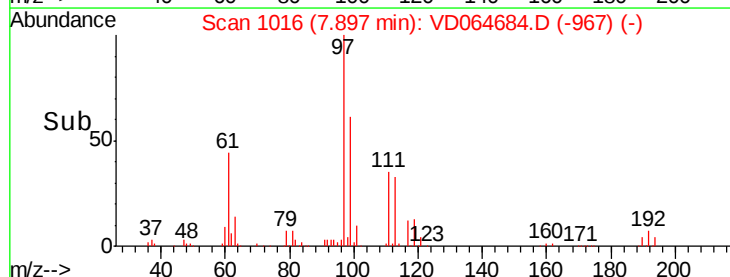
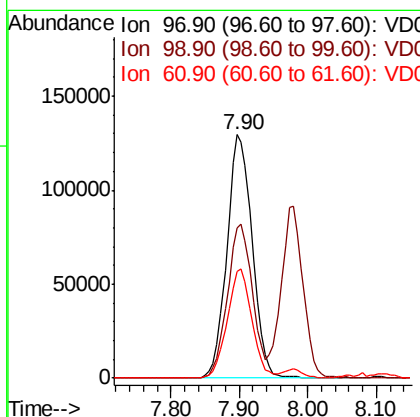
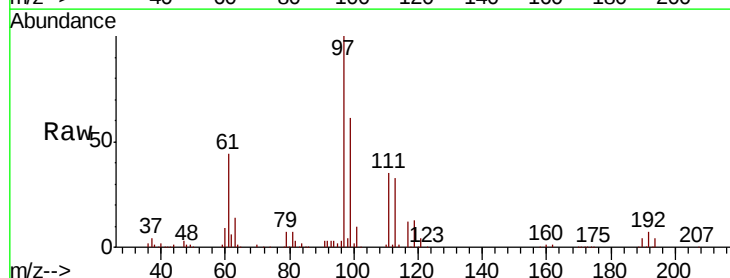
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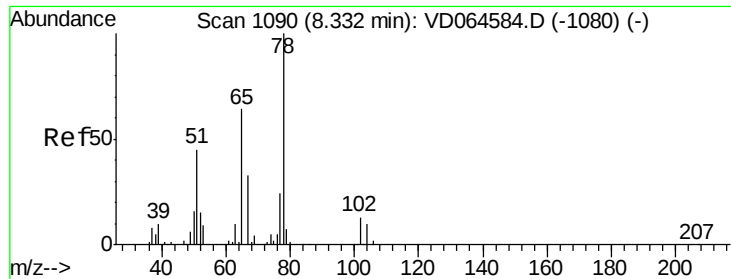
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#32
1,1,1-Trichloroethane
Concen: 51.270 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	62.3	51.0	76.6	
61	43.6	35.4	53.0	





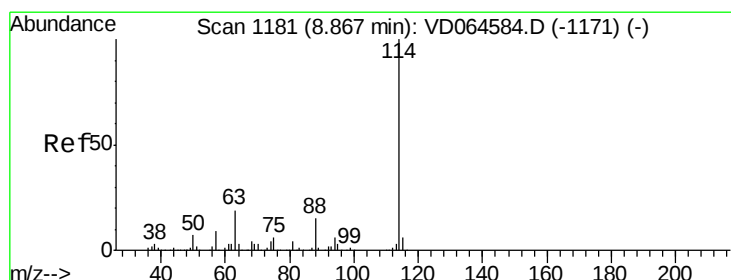
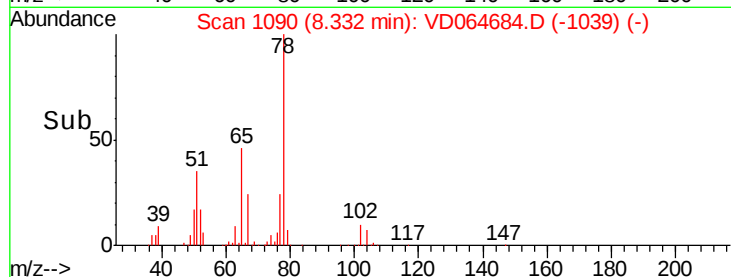
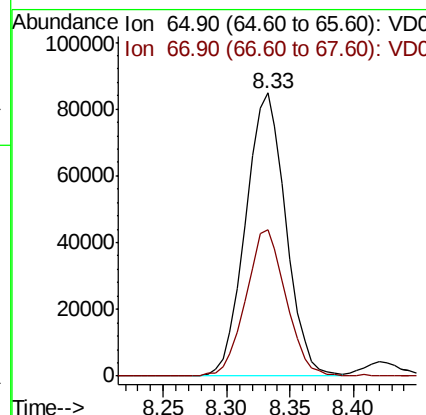
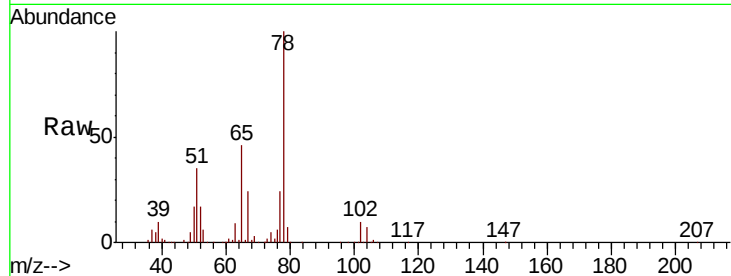
#33
 1,2-Dichloroethane-d4
 Concen: 53.271 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	187137		
67	51.9	0.0	106.2	

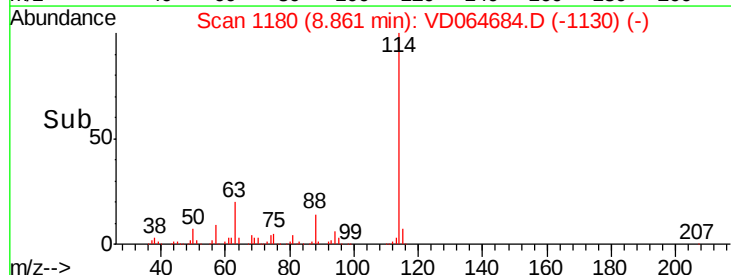
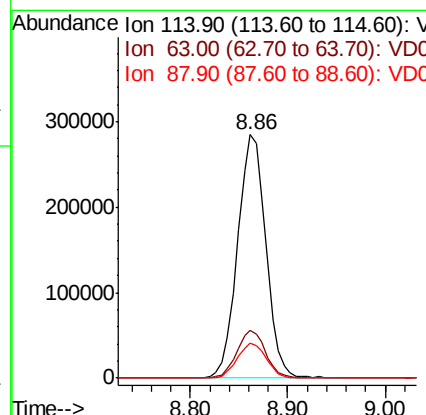
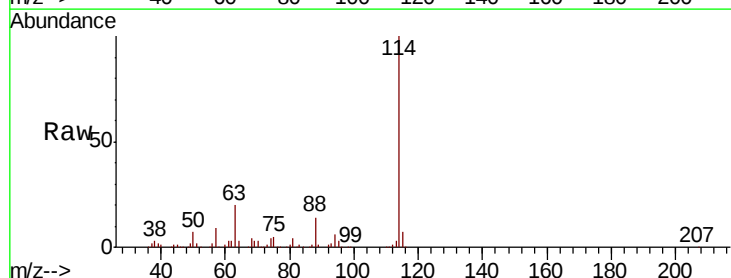
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	573600		
63	19.7	0.0	38.0	
88	14.3	0.0	29.2	





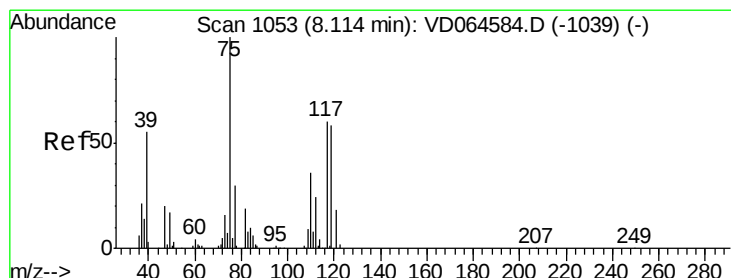
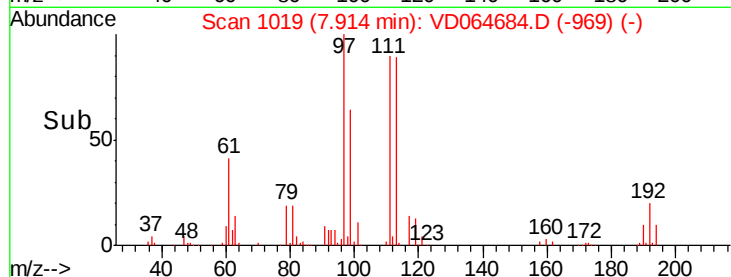
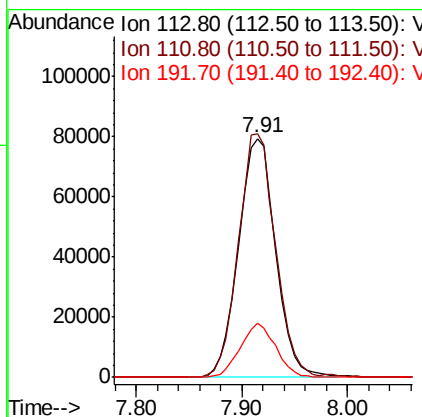
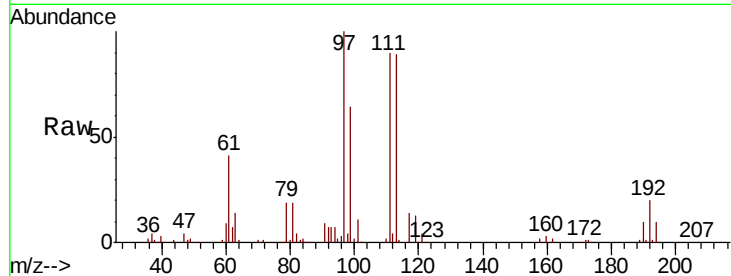
#35
 Dibromofluoromethane
 Concen: 55.037 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	193684		
111	101.4	80.6	121.0	
192	21.7	17.9	26.9	

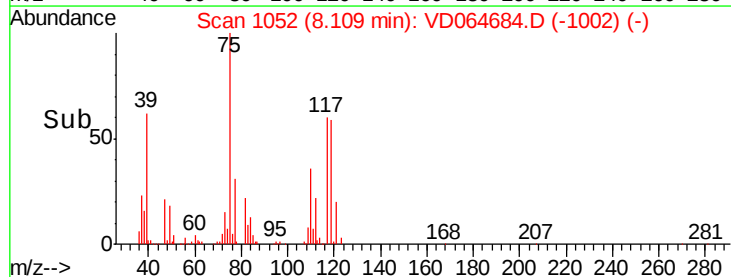
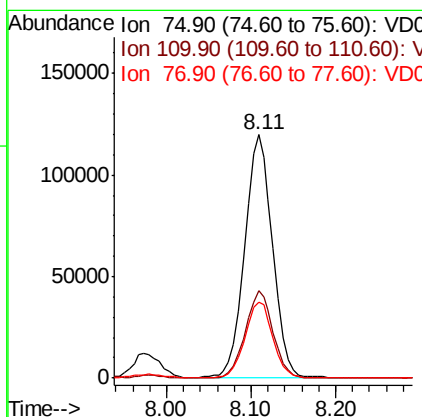
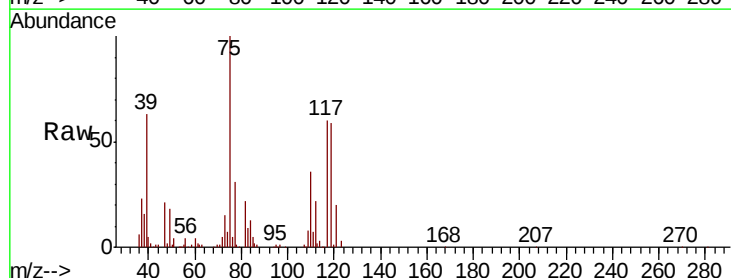
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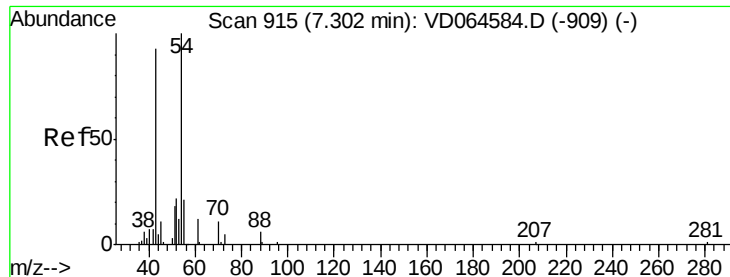
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#36
 1,1-Dichloropropene
 Concen: 49.451 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	273016		
110	35.7	18.1	54.1	
77	31.8	24.2	36.4	





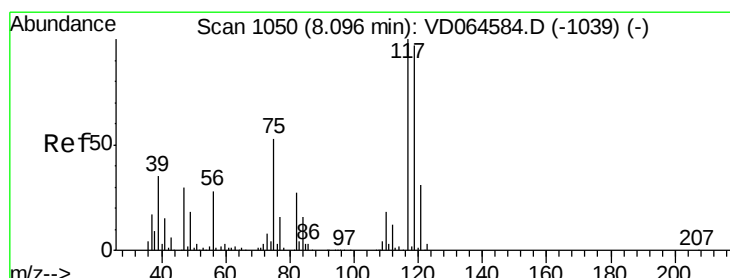
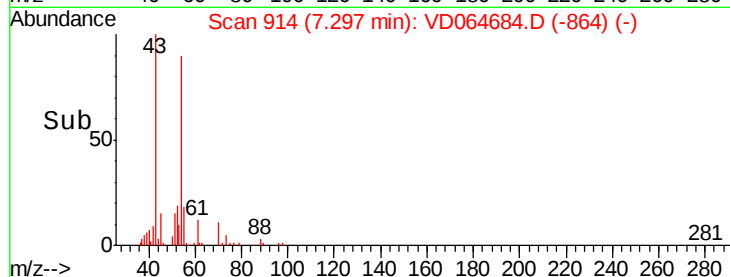
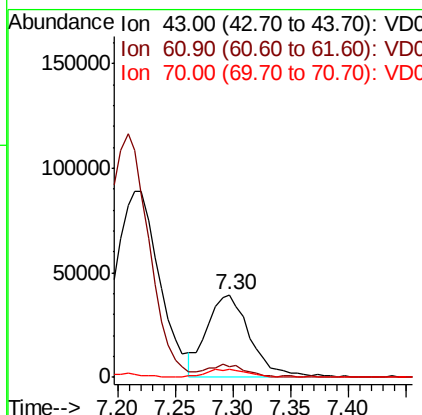
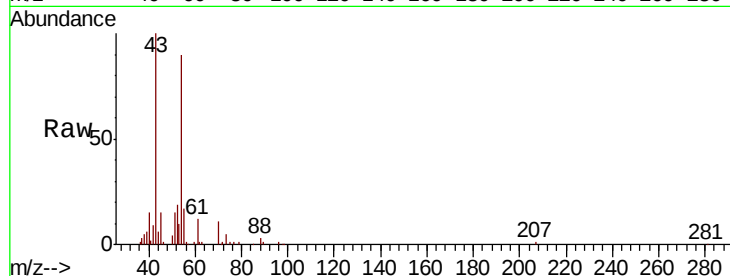
#37
Ethyl Acetate
Concen: 46.774 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.3	15.5
70	9.8	7.6	11.4

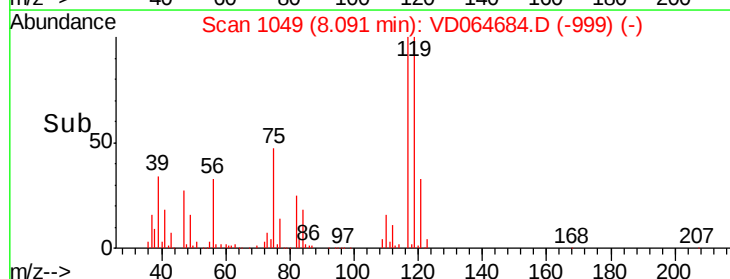
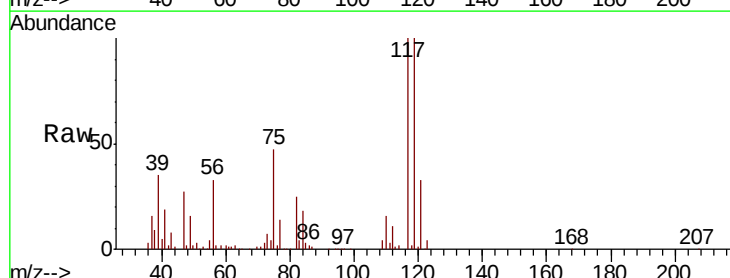
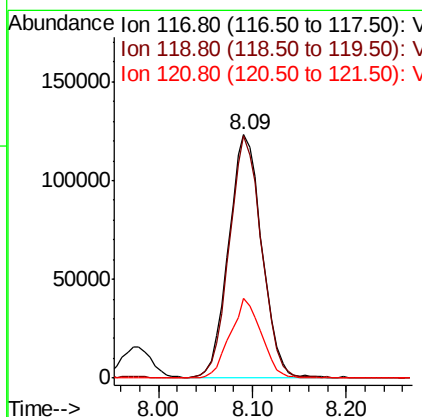
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#38
Carbon Tetrachloride
Concen: 51.078 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	77.3	115.9
121	32.6	25.0	37.6





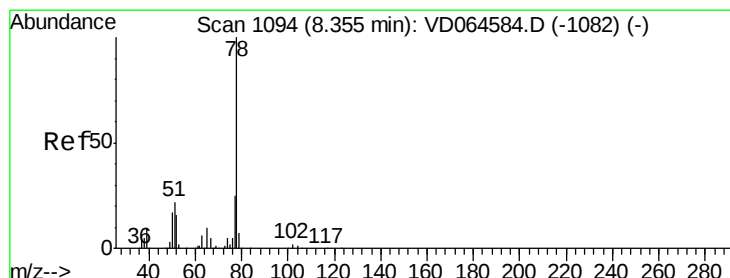
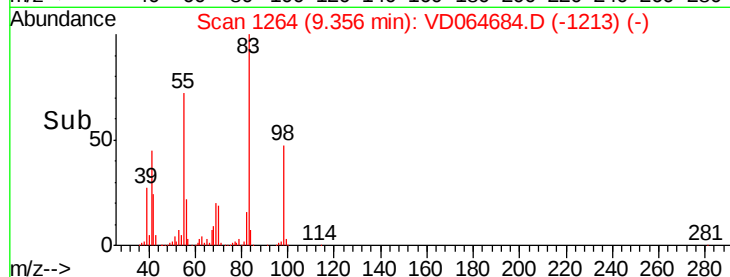
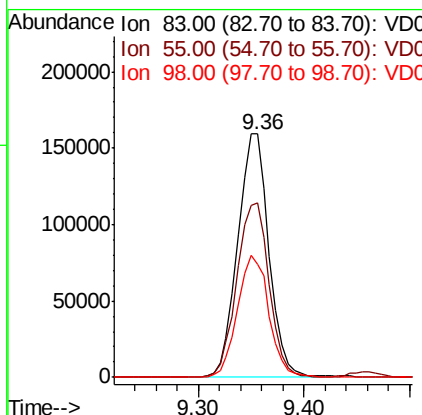
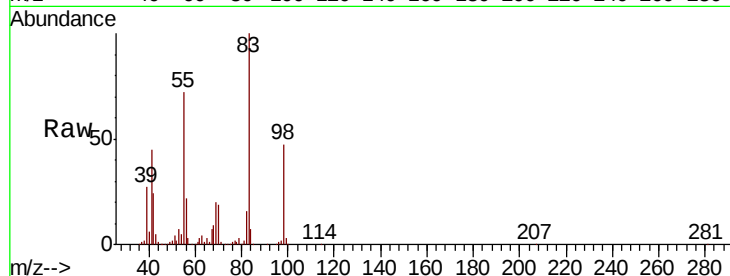
#39
Methvlcvclohexane
Concen: 48.920 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.8	57.8	86.6
98	46.6	38.7	58.1

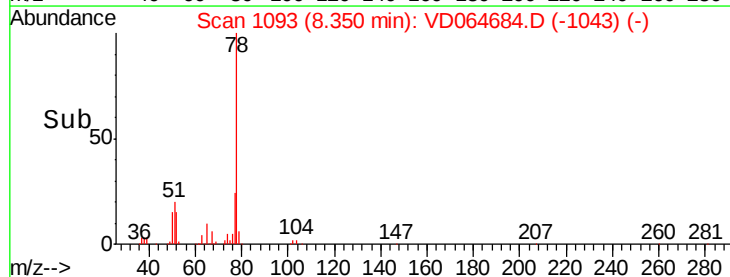
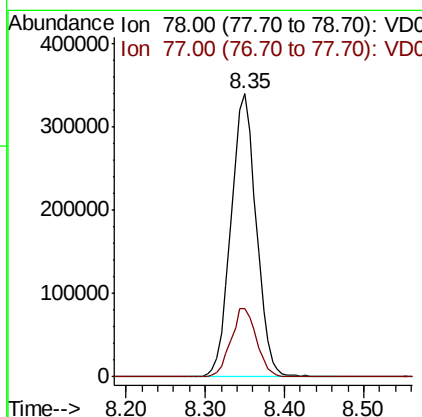
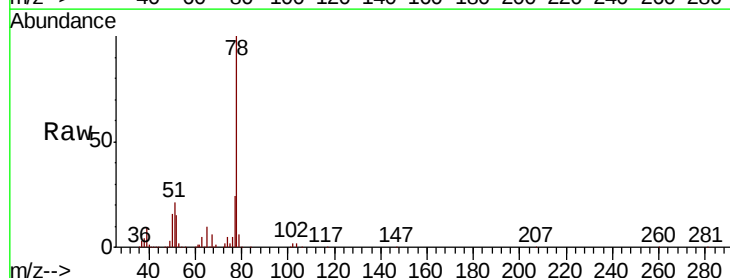
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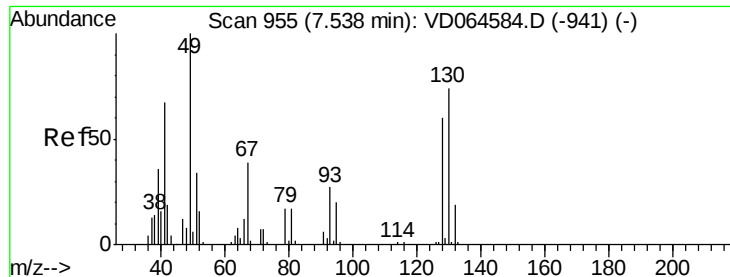
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#40
Benzene
Concen: 49.913 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.9	29.9





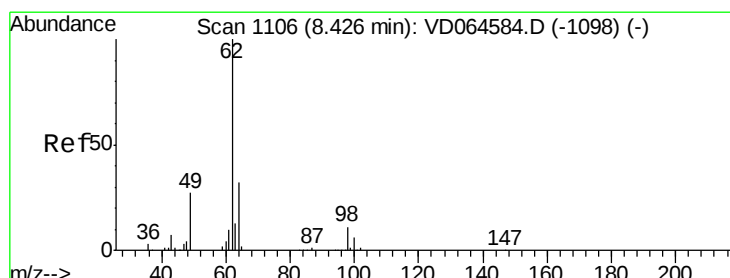
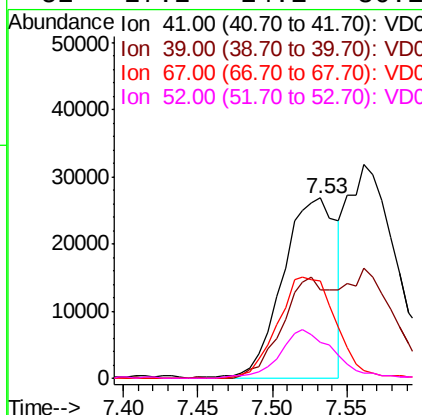
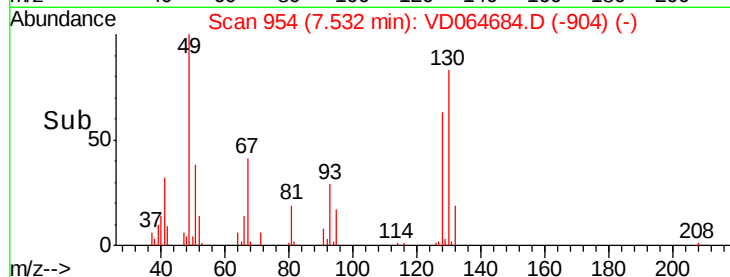
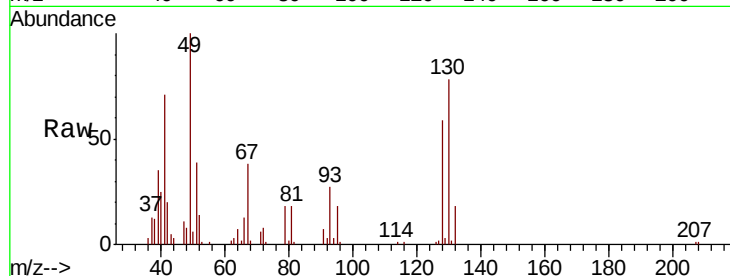
#41
Methacrylonitrile
Concen: 53.722 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	67603
Ion	Ratio	Lower	Upper
41	100		
39	54.5	46.7	70.1
67	60.3	52.5	78.7
52	27.2	24.1	36.1

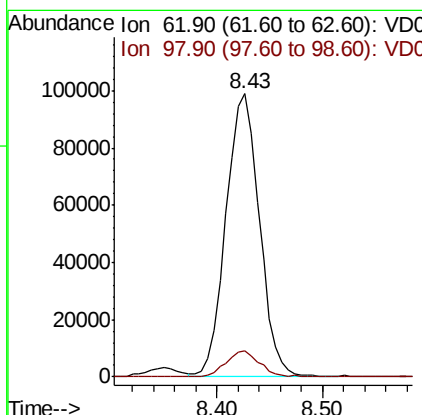
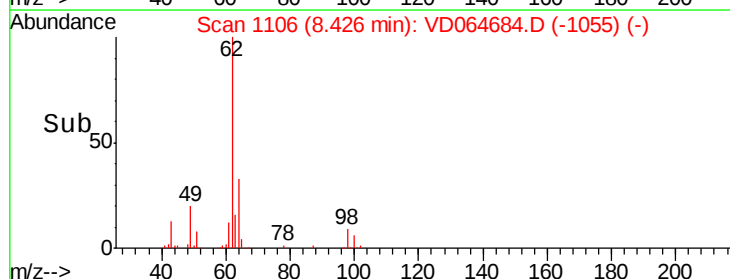
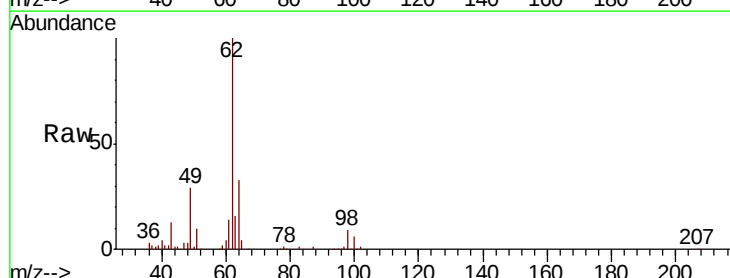
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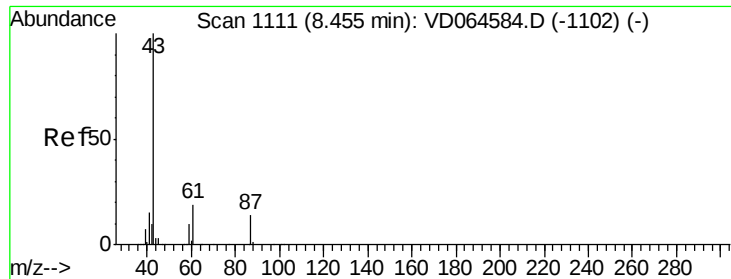
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#42
1,2-Dichloroethane
Concen: 49.699 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion:	62	Resp:	216452
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.0





#43

Isopropyl Acetate

Concen: 46.040 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

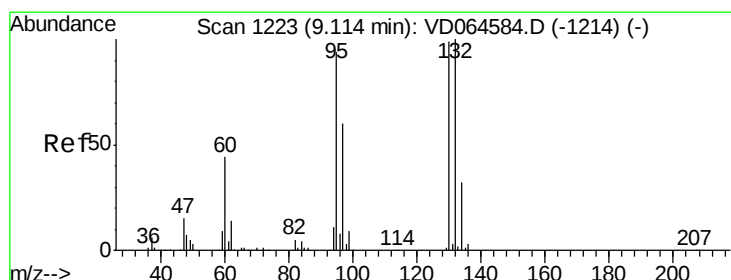
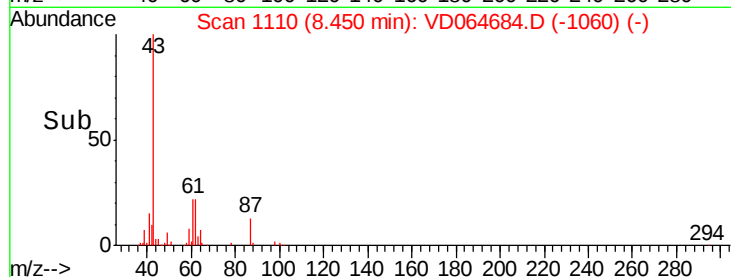
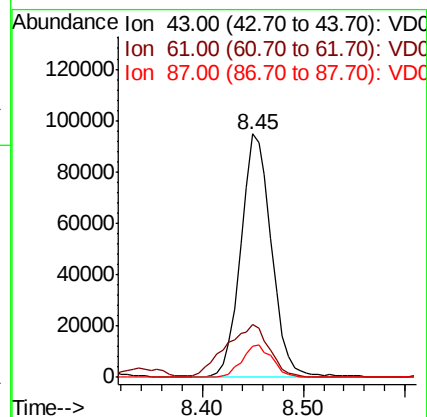
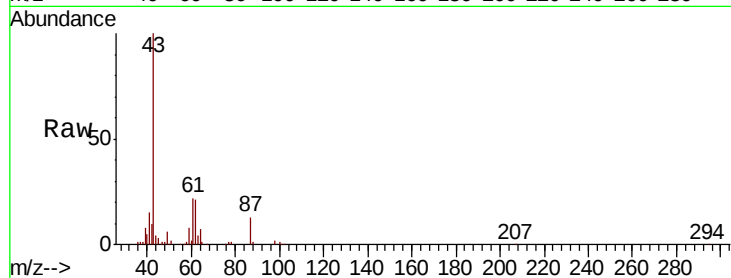
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	198753
Ion	Ratio	Lower	Upper
43	100		
61	30.8	23.7	35.5
87	13.1	10.5	15.7

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#44

Trichloroethene

Concen: 49.060 ug/l

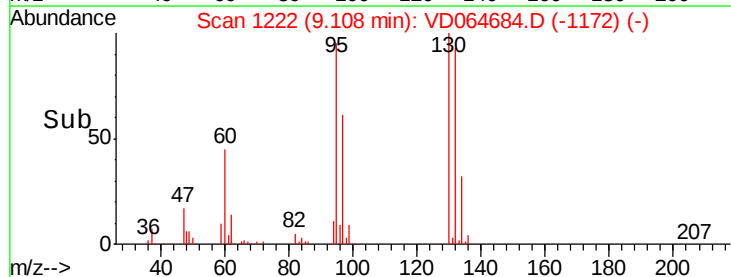
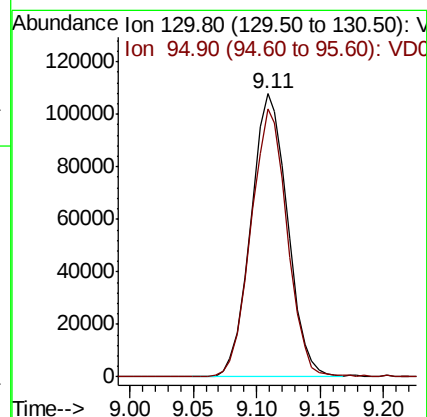
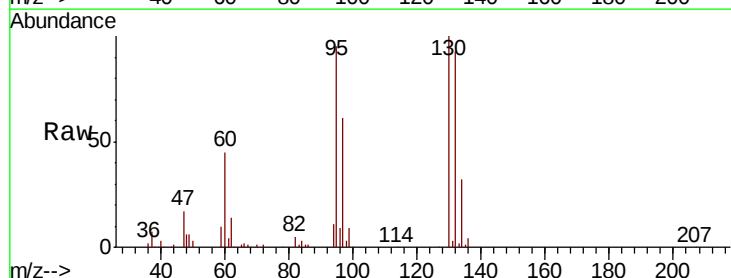
RT: 9.11 min Scan# 1222

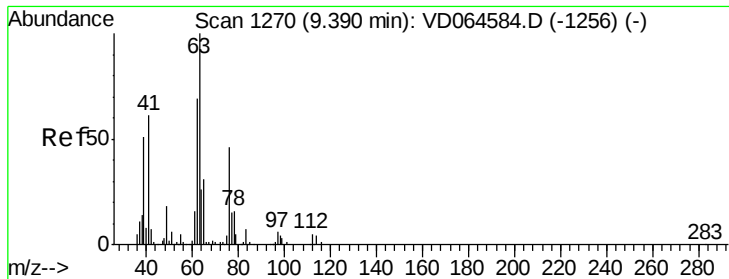
Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Tgt Ion:	130	Resp:	217215
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	190.2





#45

1,2-Dichloropropane

Concen: 49.966 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 179802

Ion Ratio Lower Upper

63 100

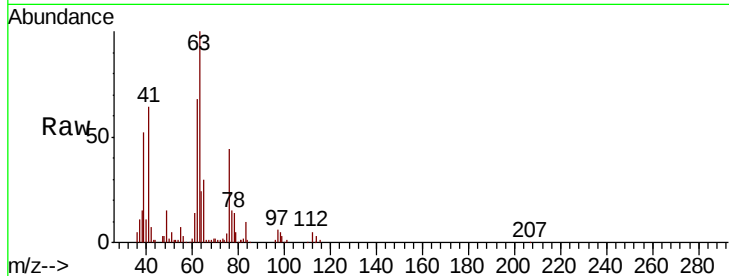
65 30.1 25.2 37.8

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

100000

80000

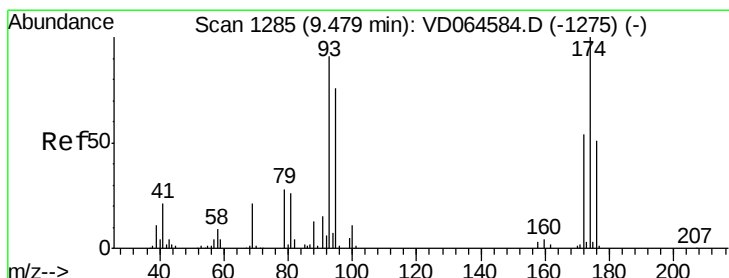
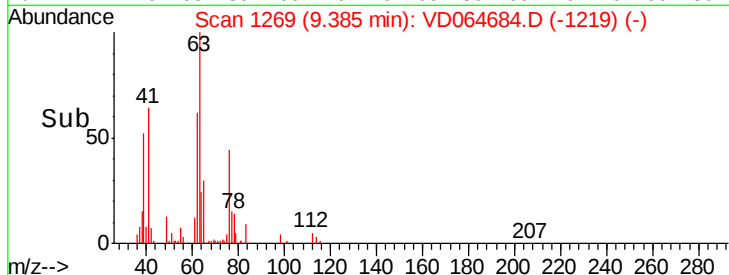
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.104 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

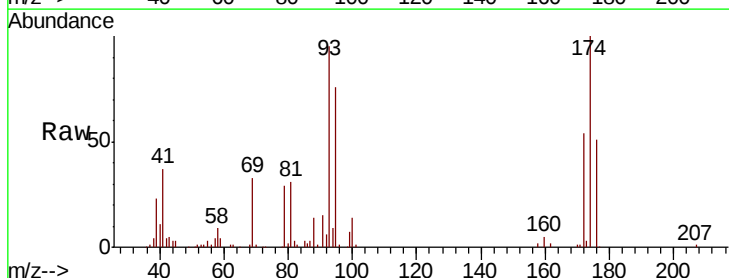
Tgt Ion: 93 Resp: 96511

Ion Ratio Lower Upper

93 100

95 82.5 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): V

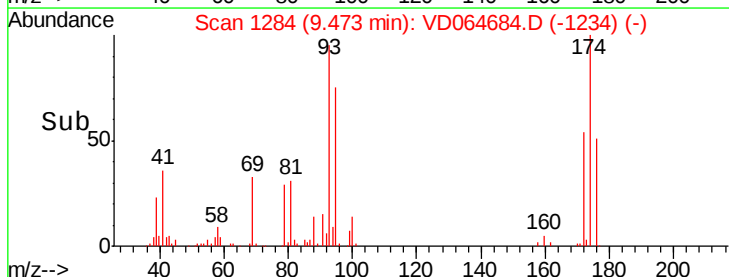
60000

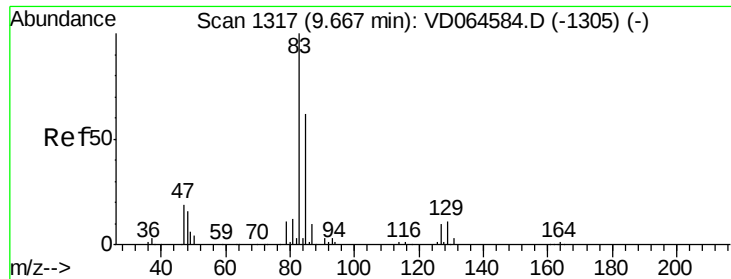
40000

20000

0

Time-->





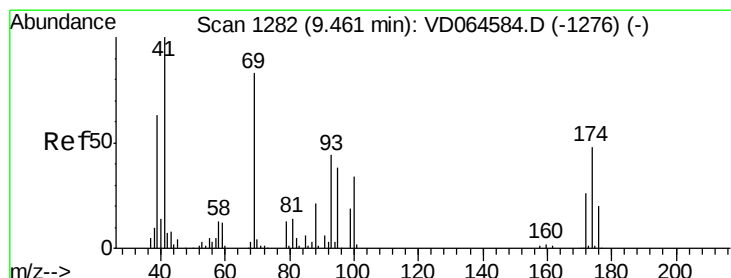
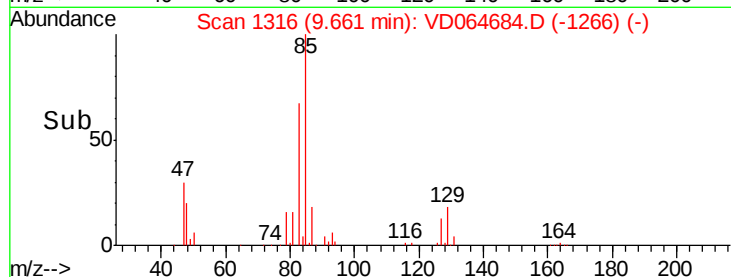
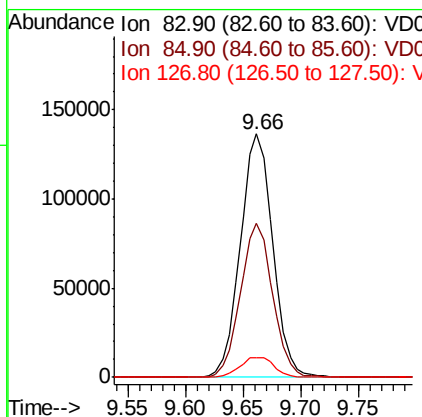
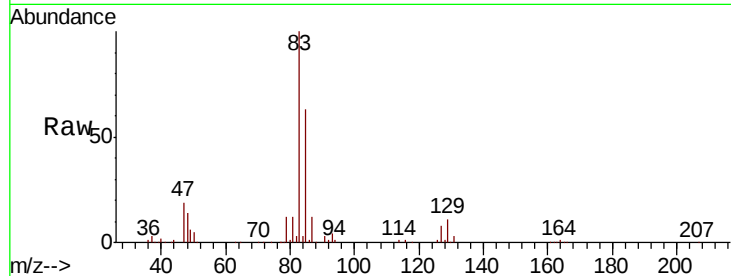
#47
Bromodichloromethane
Concen: 50.094 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.5	74.3
127	8.2	7.8	11.6

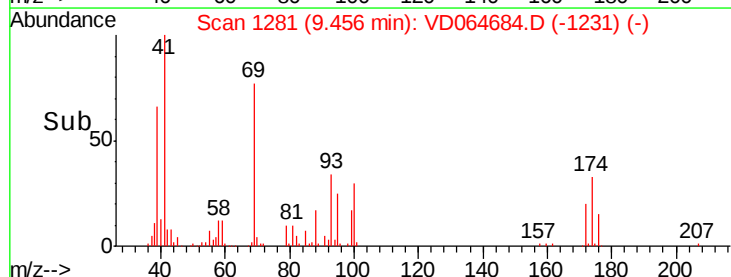
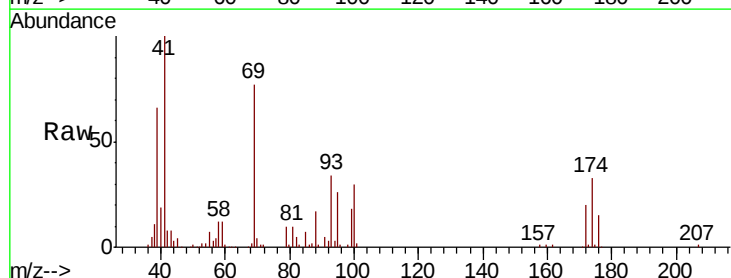
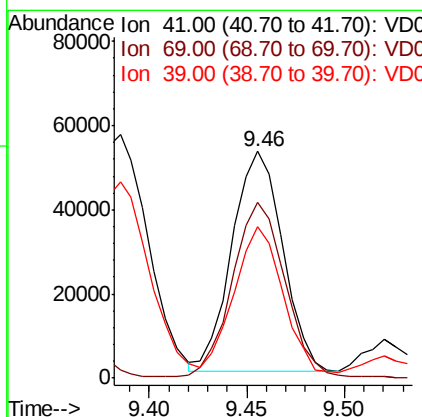
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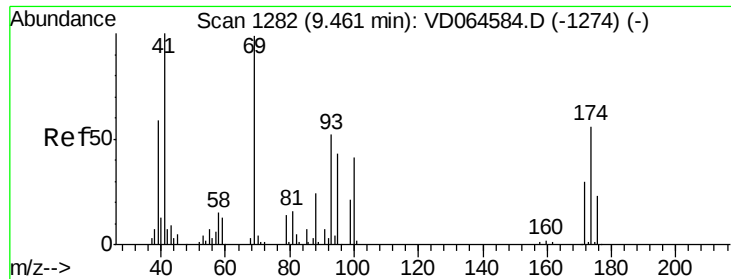
apatel
1/2/2020 10:42:51 AM



#48
Methyl methacrylate
Concen: 46.069 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.7	63.0	94.6
39	63.2	47.4	71.2





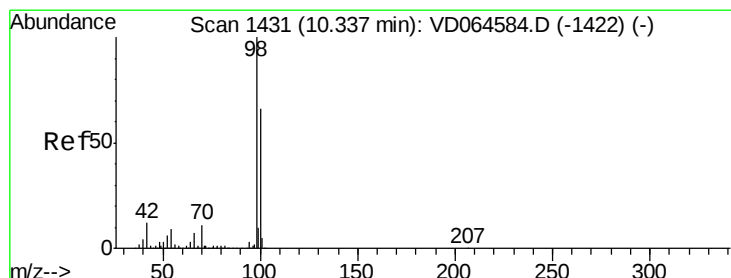
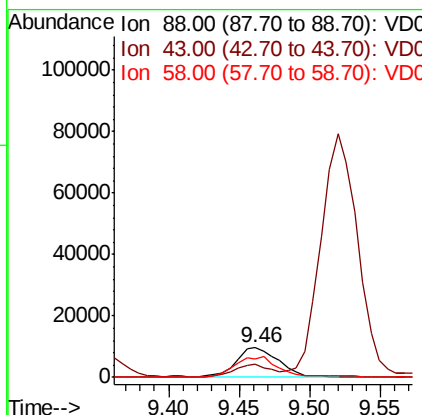
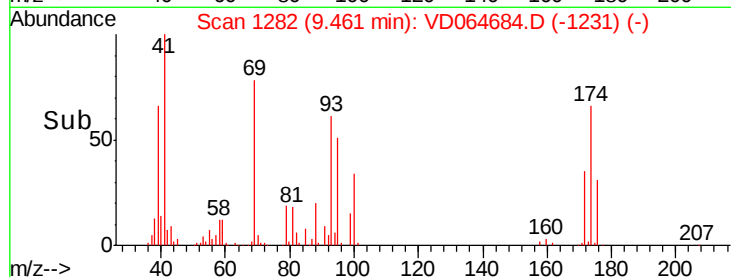
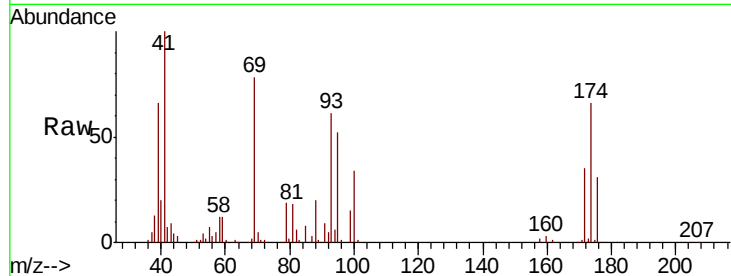
#49
1,4-Dioxane
Concen: 886.970 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.3	27.7	41.5
58	70.5	53.8	80.6

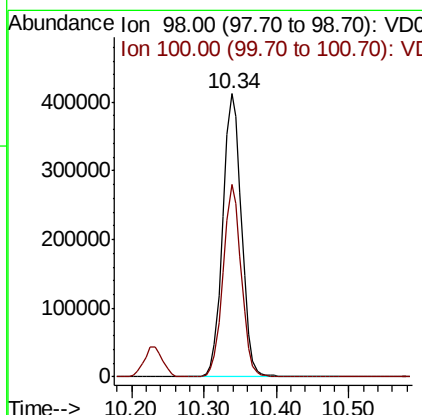
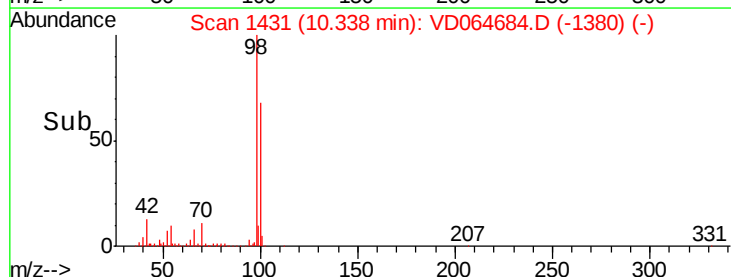
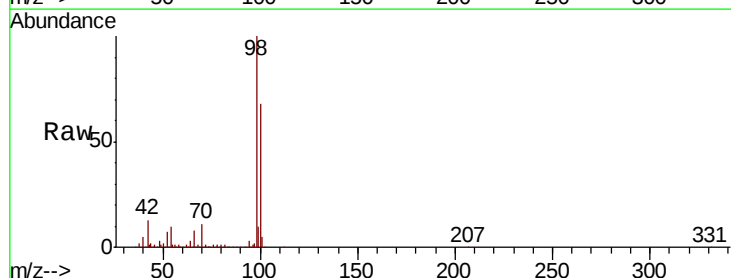
Manual Integrations
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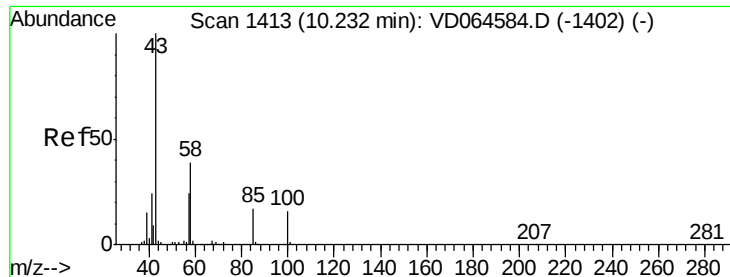
apatel
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#50
Toluene-d8
Concen: 54.859 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 232.843 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 496839

Ion Ratio Lower Upper

43 100

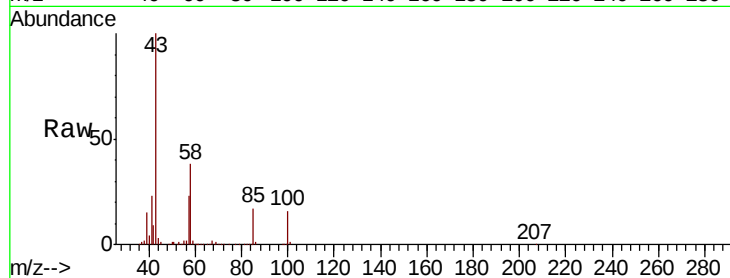
58 38.1 30.2 45.2

Manual Integrations

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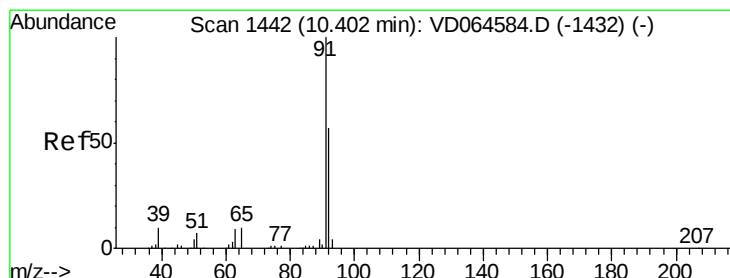
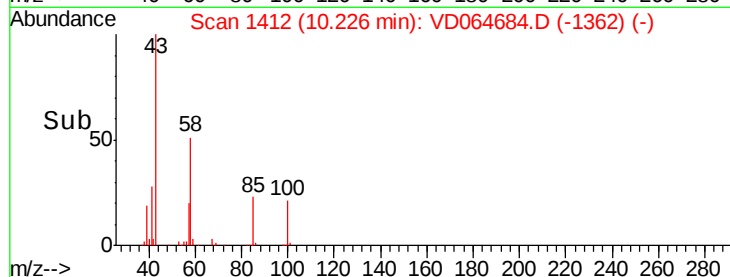
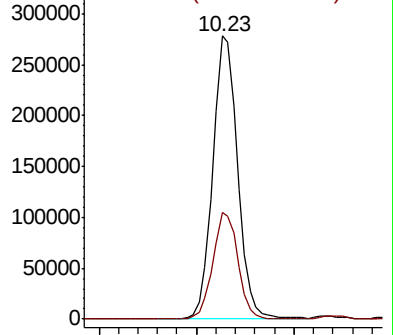
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 49.836 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD064684.D

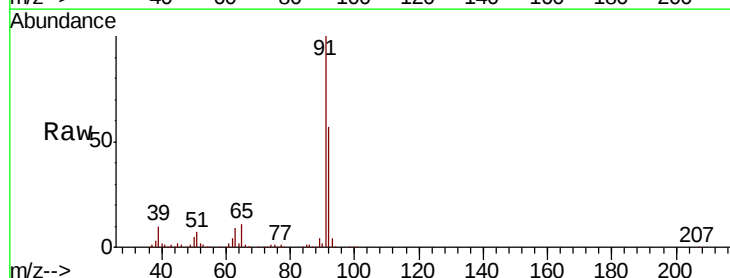
Acq: 31 Dec 2019 09:39

Tgt Ion: 92 Resp: 492777

Ion Ratio Lower Upper

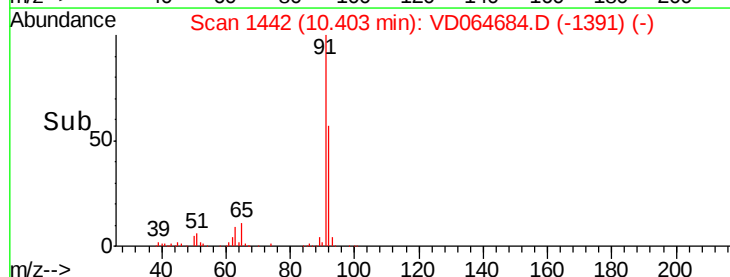
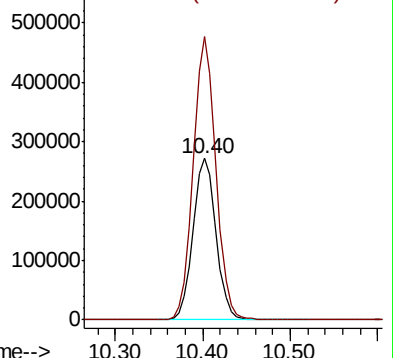
92 100

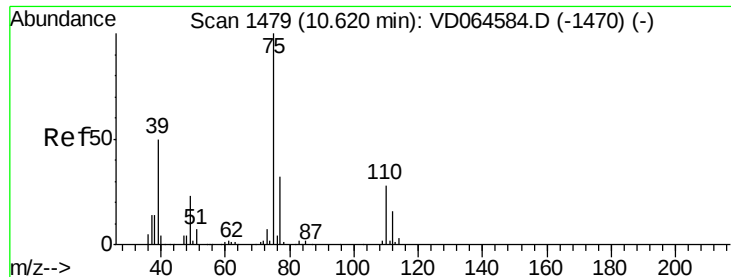
91 172.9 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





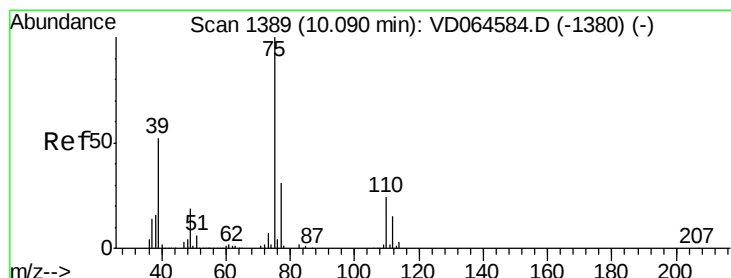
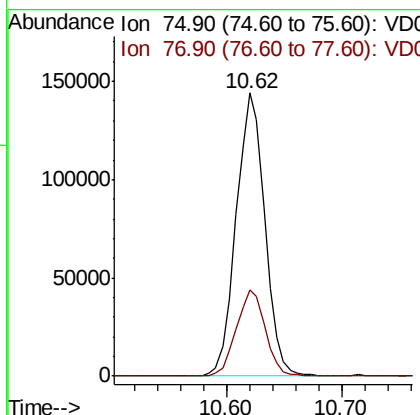
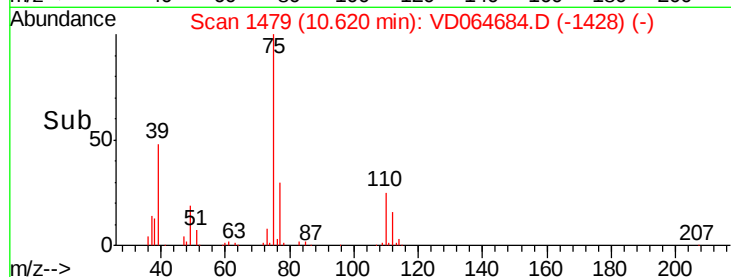
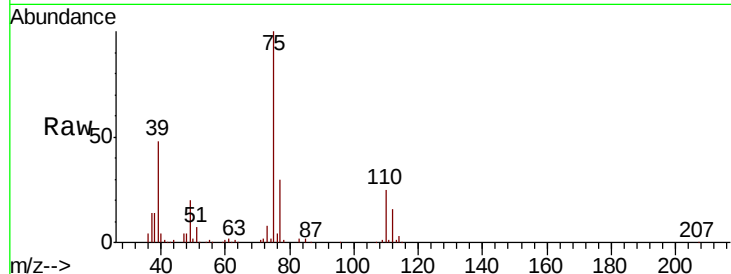
#53
 t-1,3-Dichloropropene
 Concen: 49.743 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 247587
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2

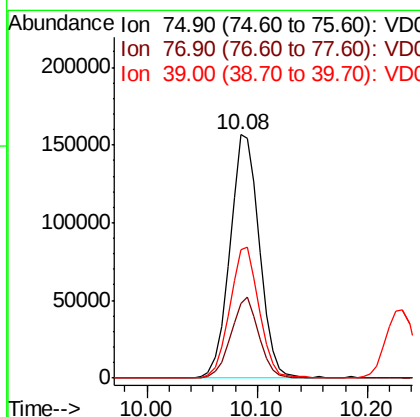
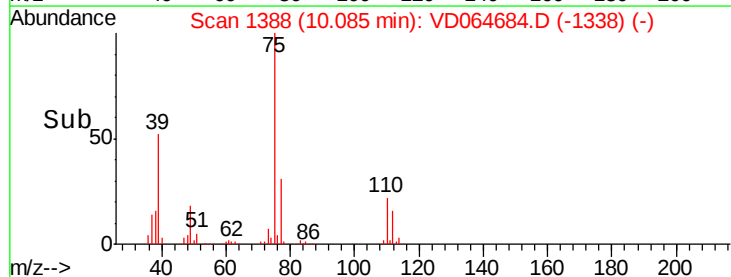
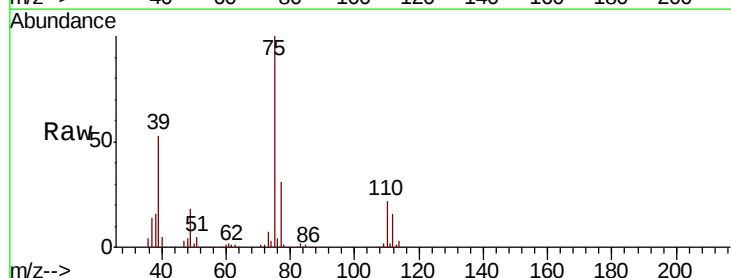
Manual Integrations
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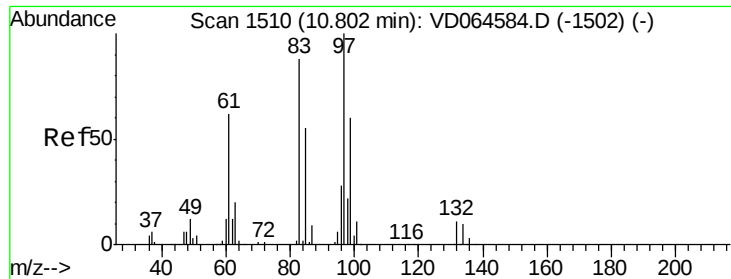
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#54
 cis-1,3-Dichloropropene
 Concen: 49.907 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion: 75 Resp: 292901
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 52.4 41.4 62.2





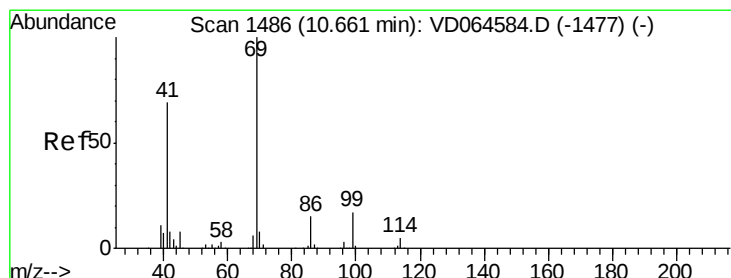
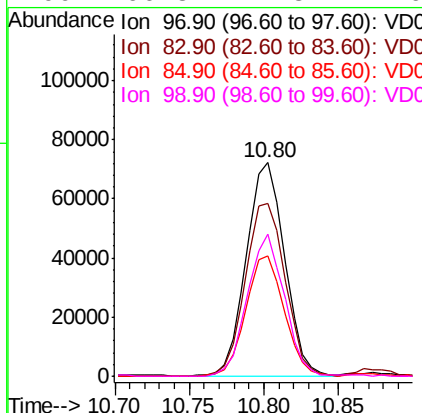
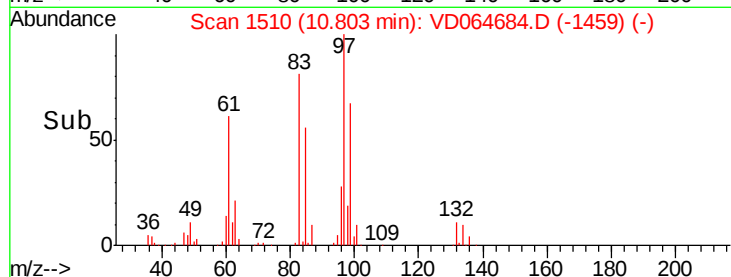
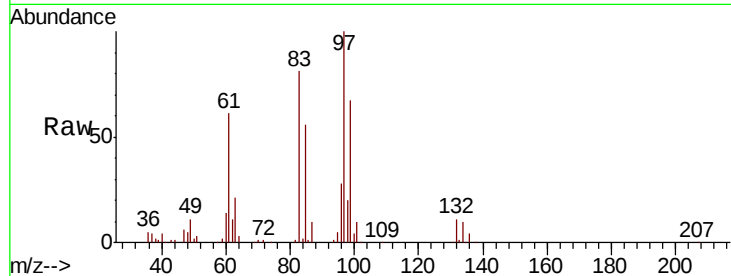
#55
 1,1,2-Trichloroethane
 Concen: 47.624 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	128767		
83	81.1	70.2	105.4	
85	56.1	44.0	66.0	
99	66.8	47.8	71.6	

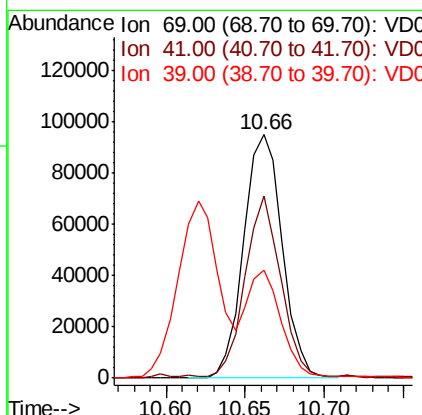
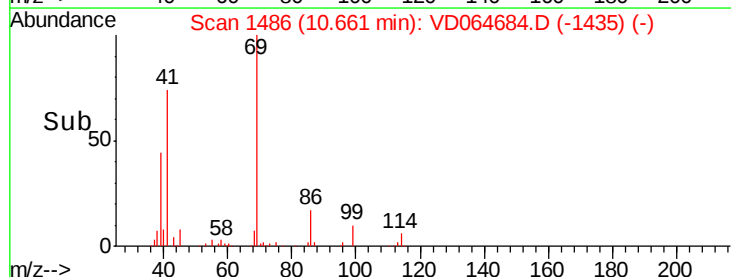
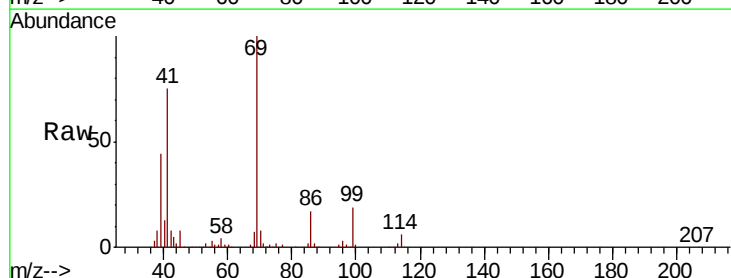
Manual Integrations
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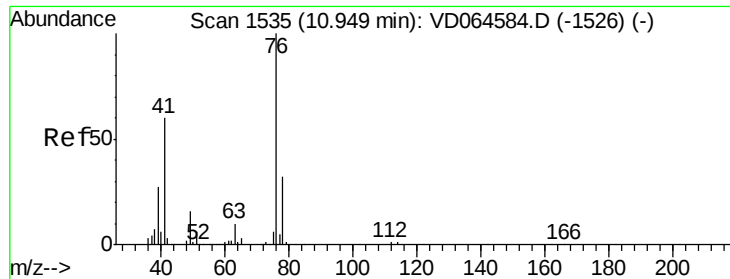
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#56
 Ethyl methacrylate
 Concen: 47.697 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	161061		
41	68.5	55.3	82.9	
39	39.6	33.8	50.8	





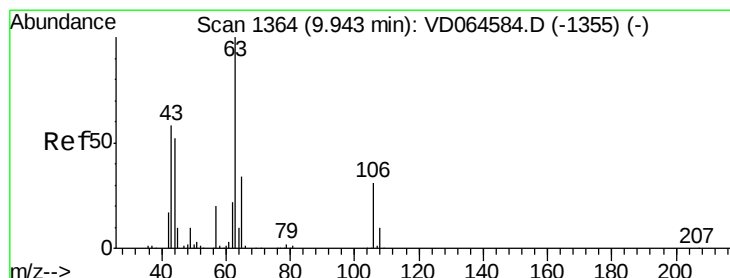
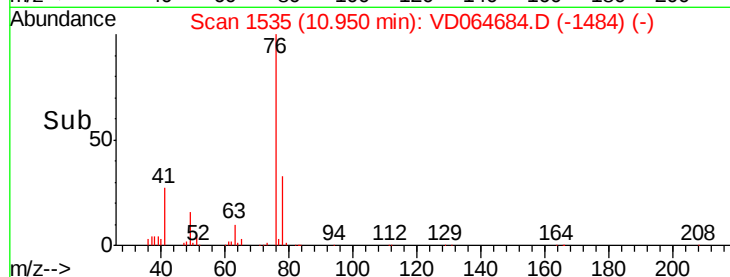
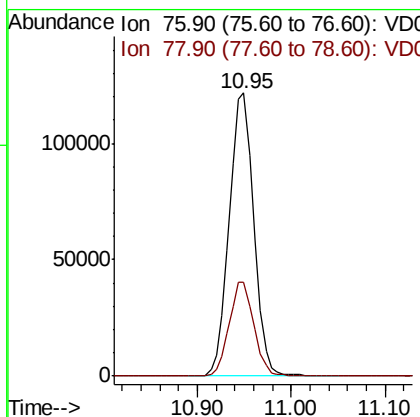
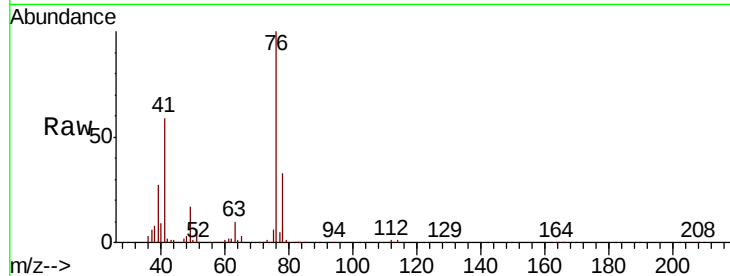
#57
 1,3-Dichloropropane
 Concen: 47.532 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 221280
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.2 39.4

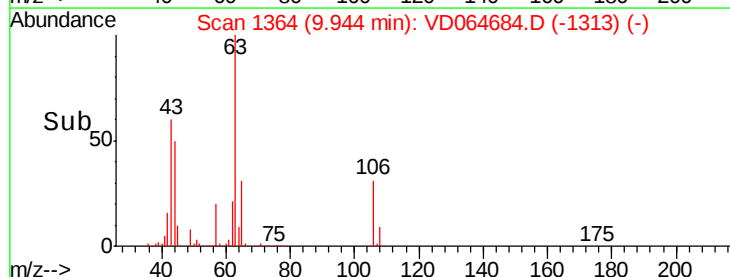
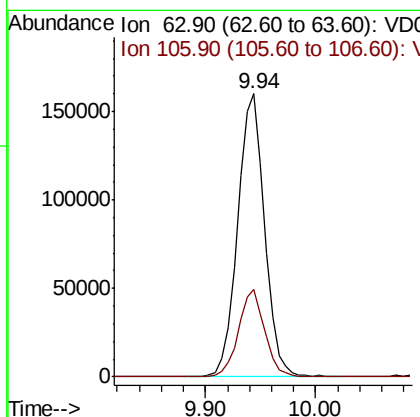
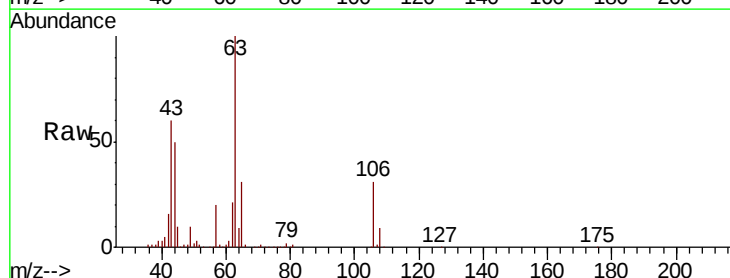
Manual Integrations
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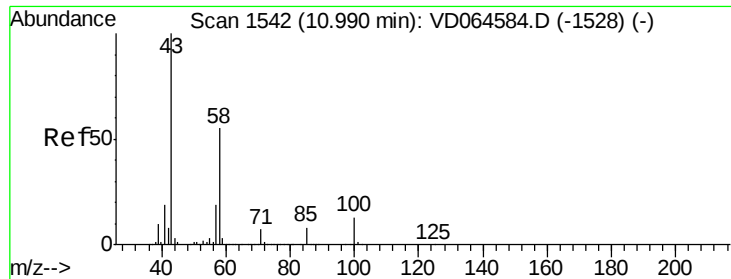
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 213.126 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion: 63 Resp: 274186
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.8 35.8





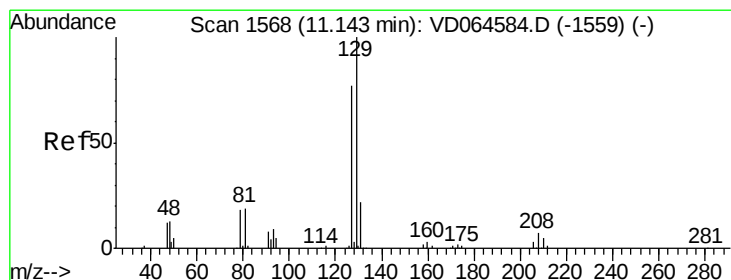
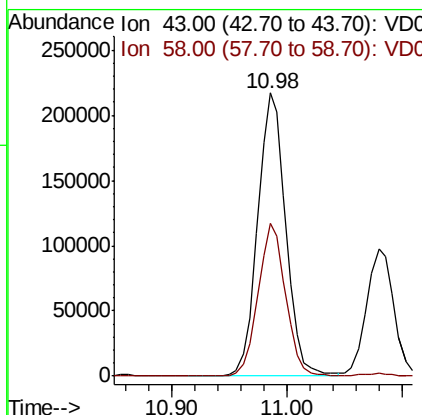
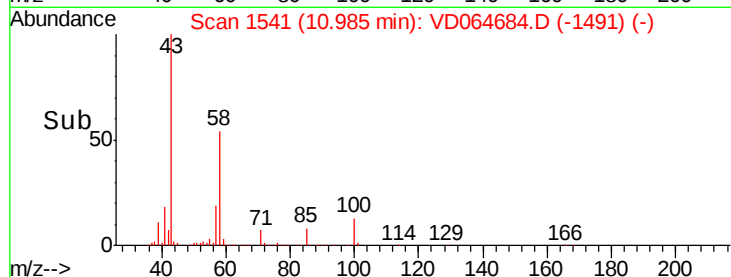
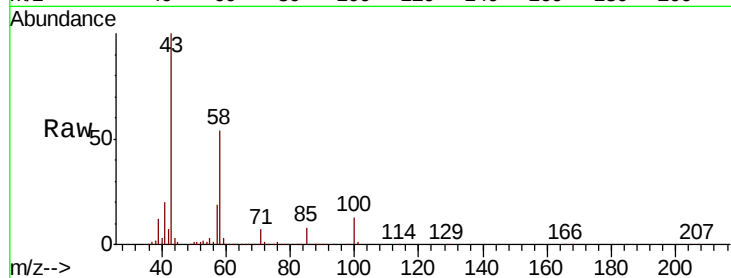
#59
2-Hexanone
Concen: 254.400 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 368435
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0

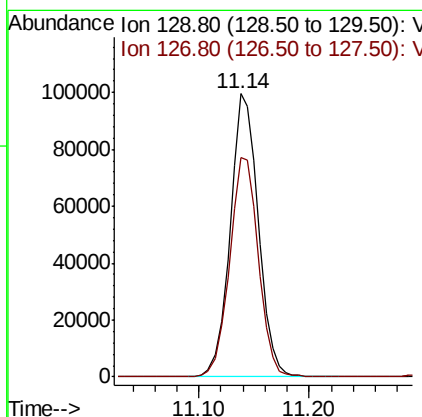
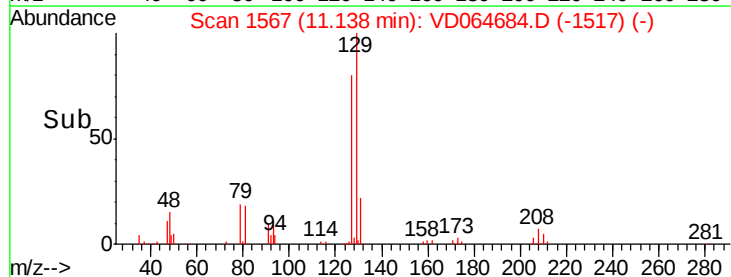
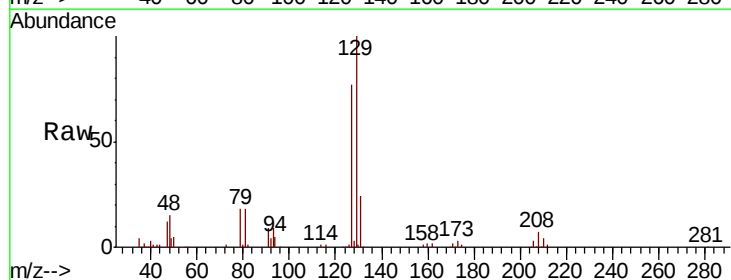
Manual Integrations
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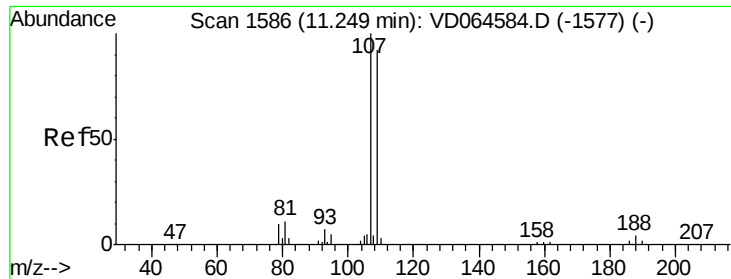
apatel
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#60
Dibromochloromethane
Concen: 47.566 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion: 129 Resp: 177849
Ion Ratio Lower Upper
129 100
127 79.4 38.4 115.2





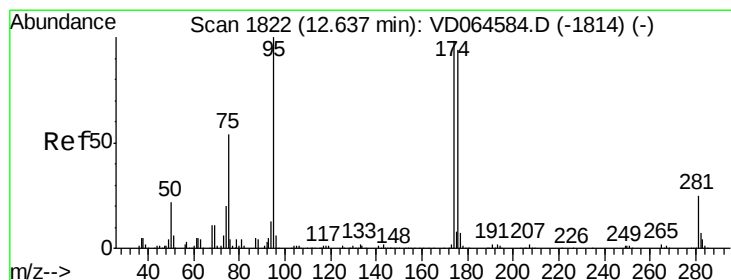
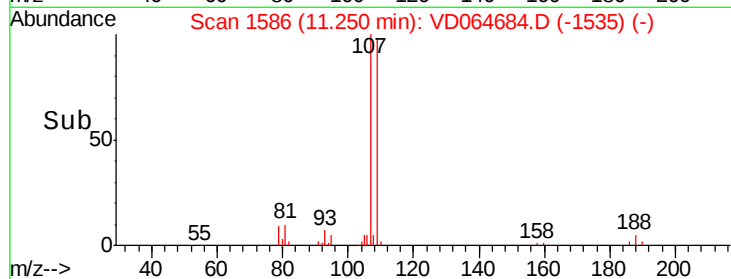
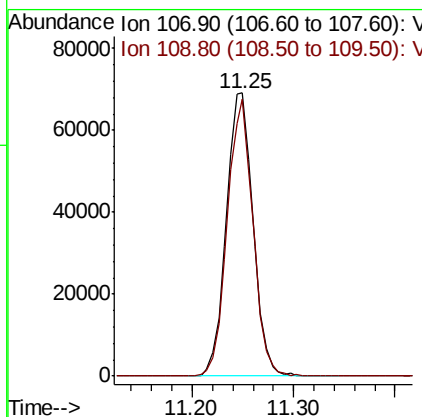
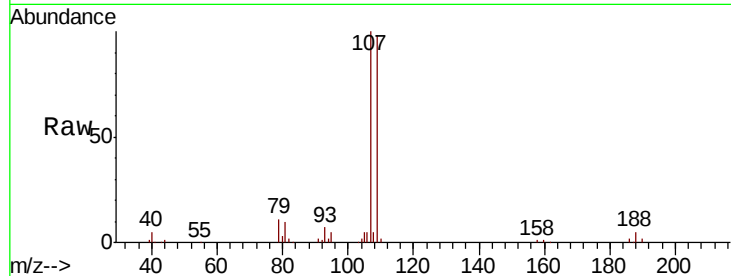
#61
 1,2-Dibromoethane
 Concen: 47.332 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.6	113.4

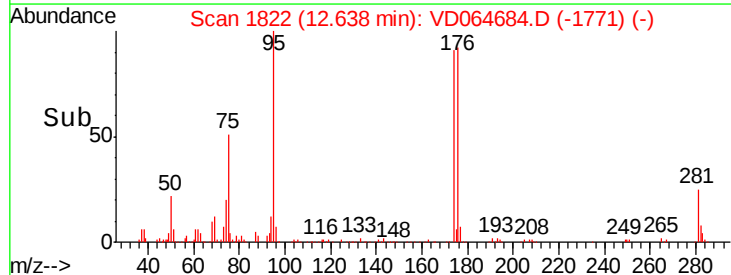
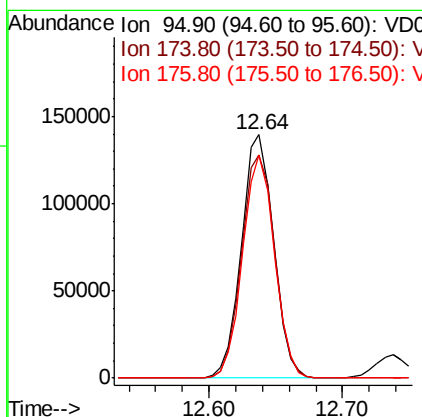
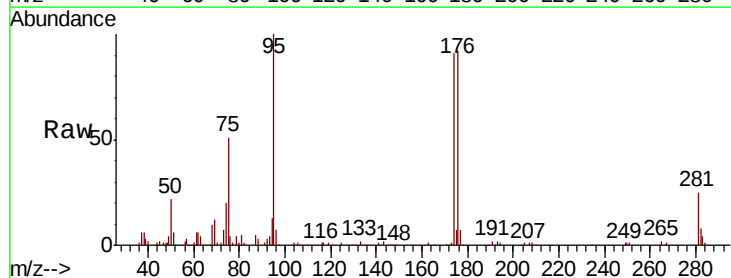
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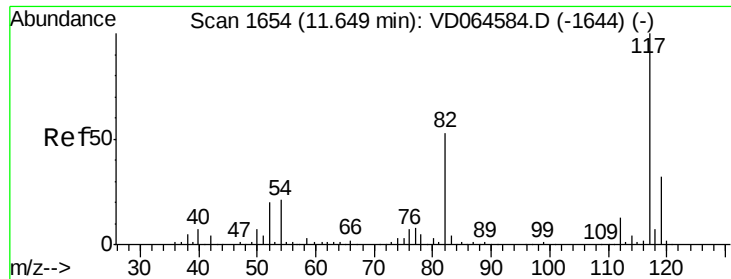
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#62
 4-Bromofluorobenzene
 Concen: 54.325 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	193.2
176	91.0	0.0	184.2





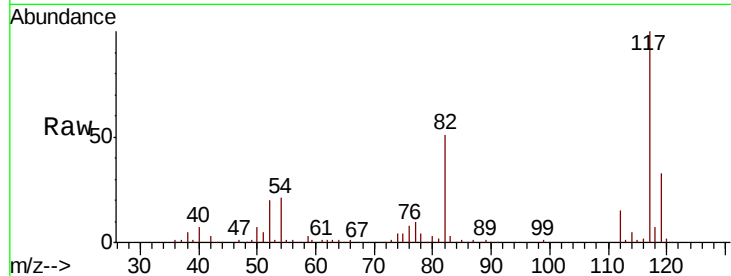
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.2	63.4
119	32.6	26.0	39.0

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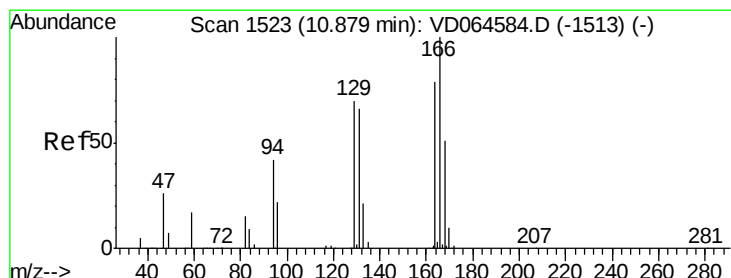
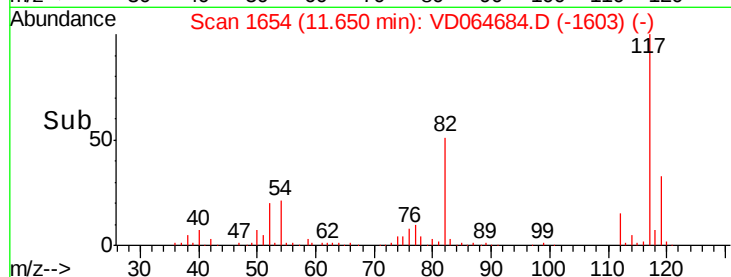
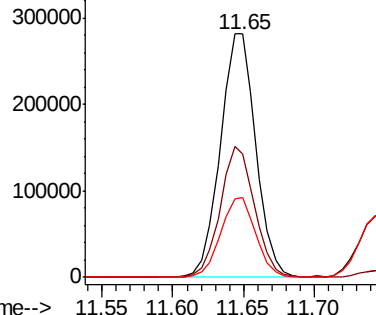


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.224 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.3	151.9
129	86.7	70.5	105.7
131	83.5	66.6	99.8

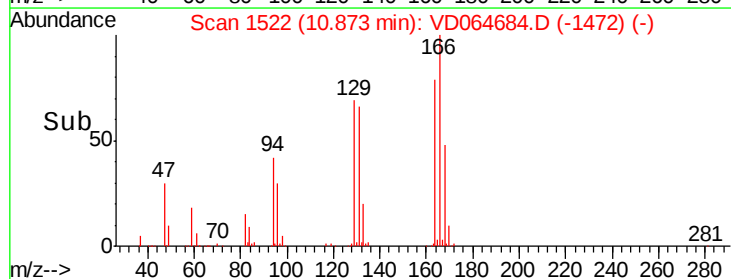
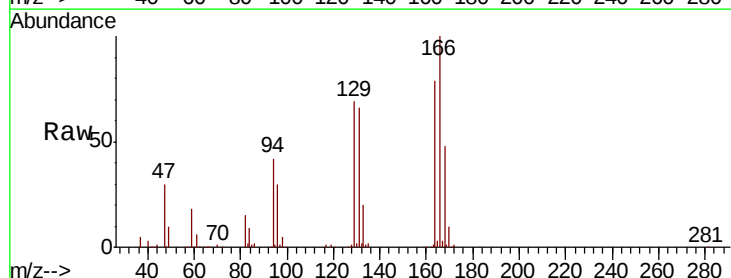
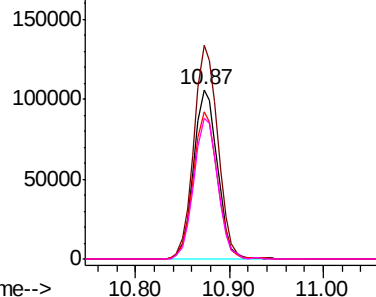
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





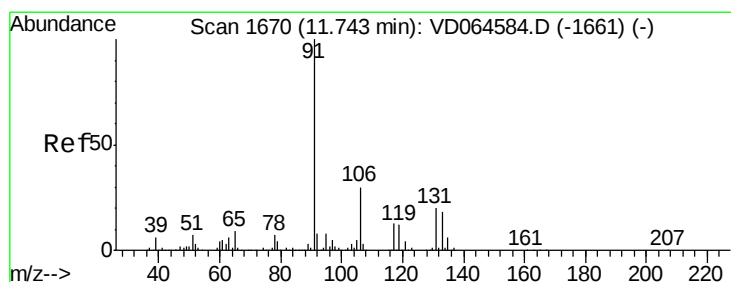
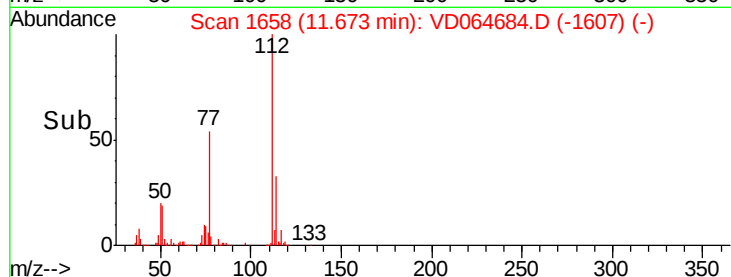
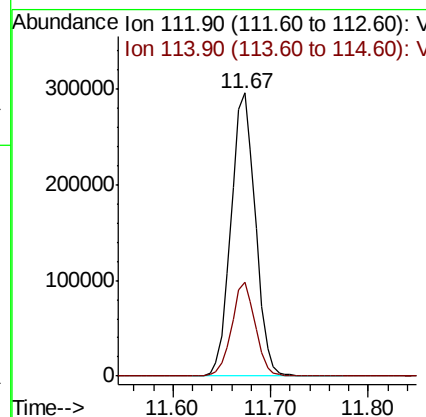
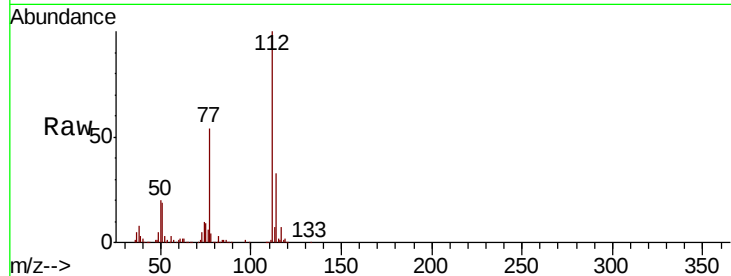
#65
Chlorobenzene
Concen: 49.748 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	24.8	37.2

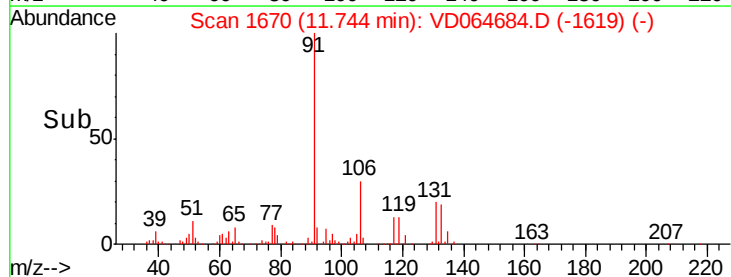
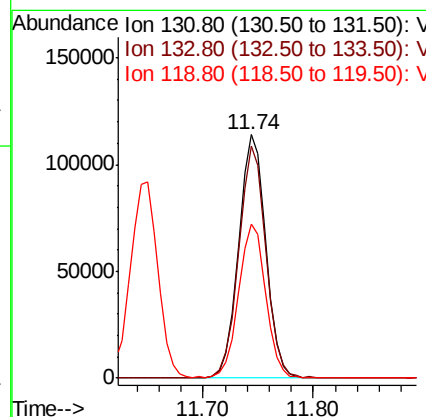
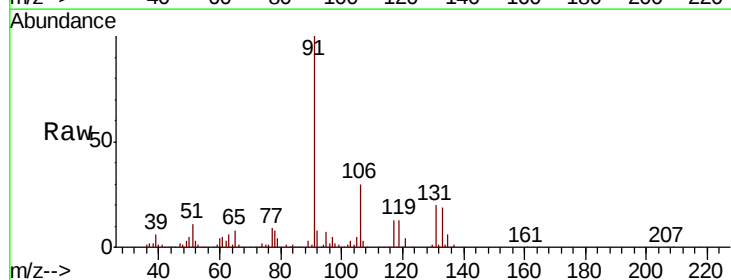
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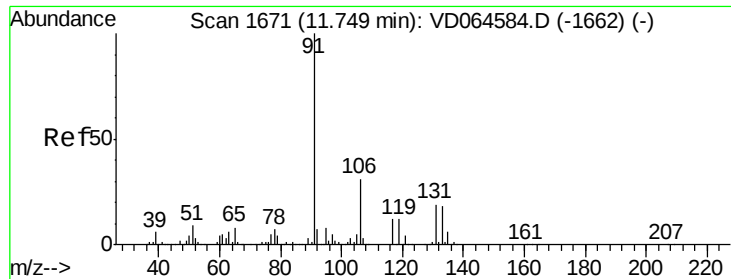
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.727 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.3	144.8
119	63.4	32.1	96.3





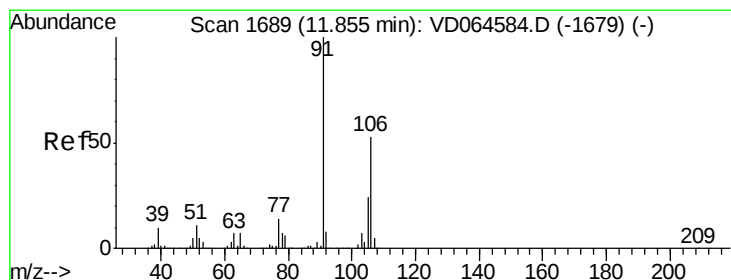
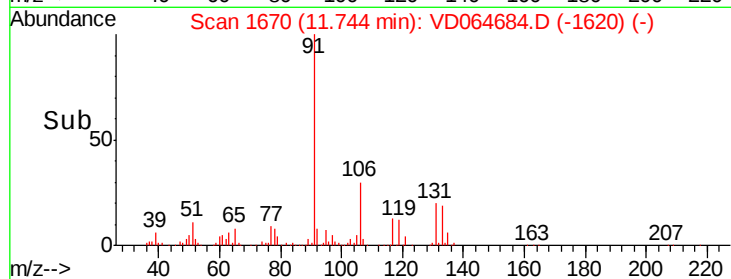
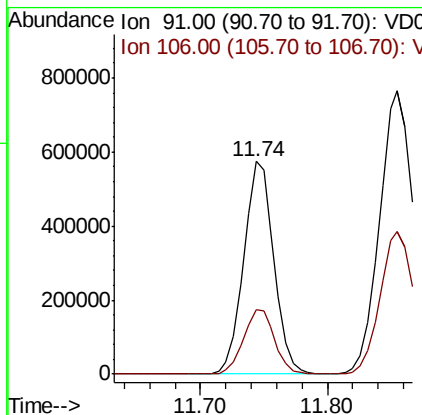
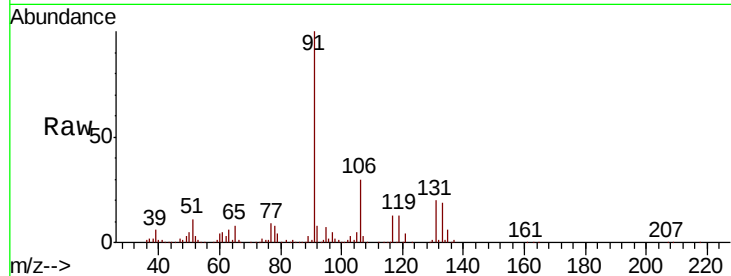
#67
Ethyl Benzene
Concen: 50.516 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 945260
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

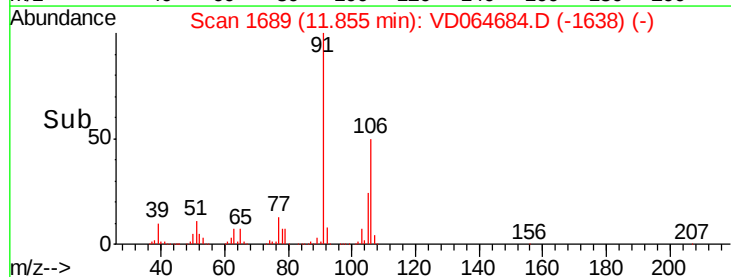
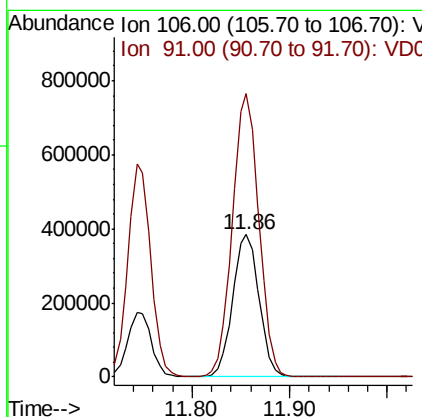
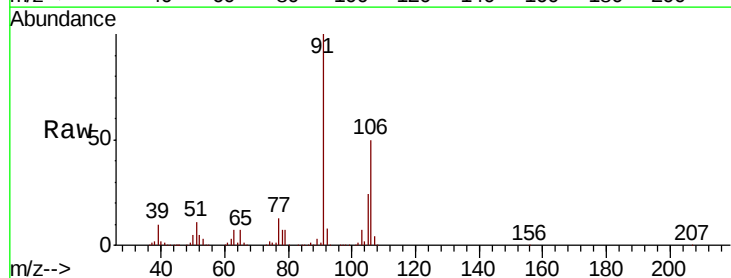
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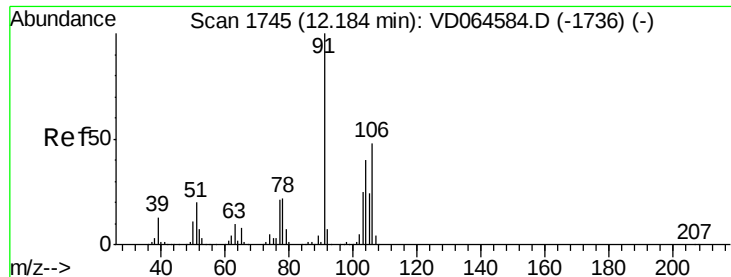
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#68
m/p-Xylenes
Concen: 99.393 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion: 106 Resp: 717860
Ion Ratio Lower Upper
106 100
91 200.5 156.3 234.5





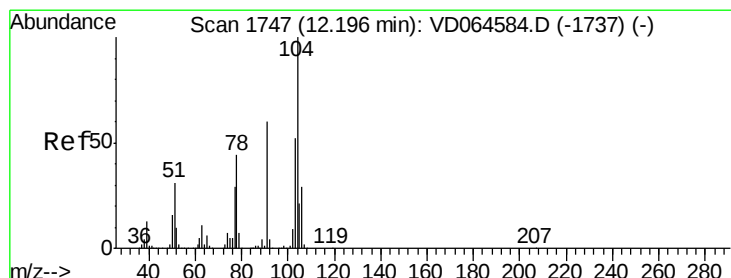
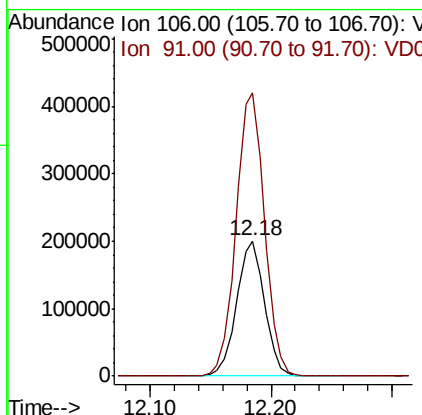
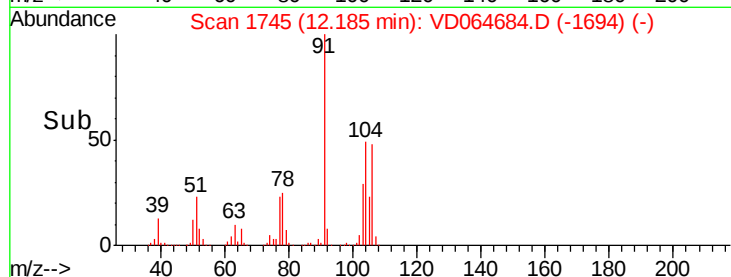
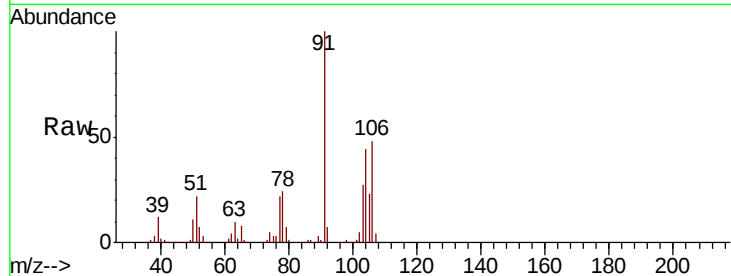
#69
o-Xylene
Concen: 49.616 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.9	104.8	314.4

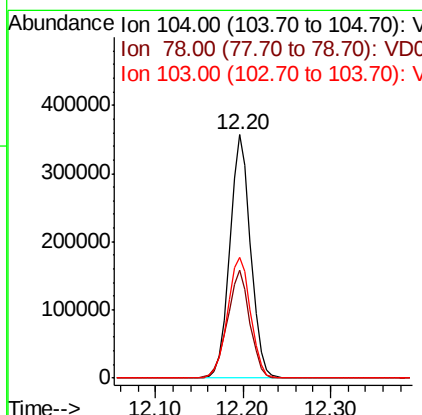
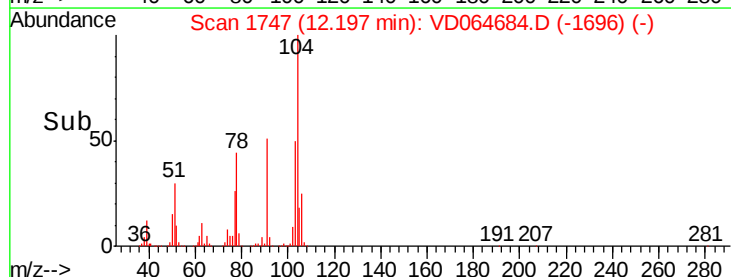
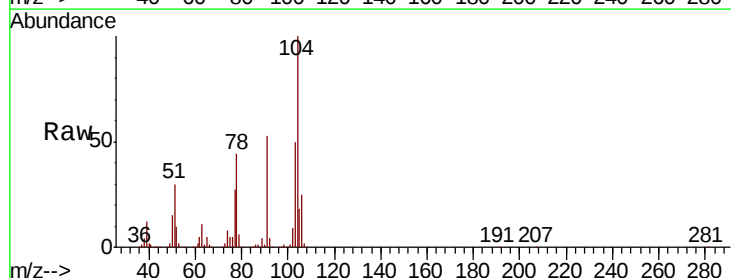
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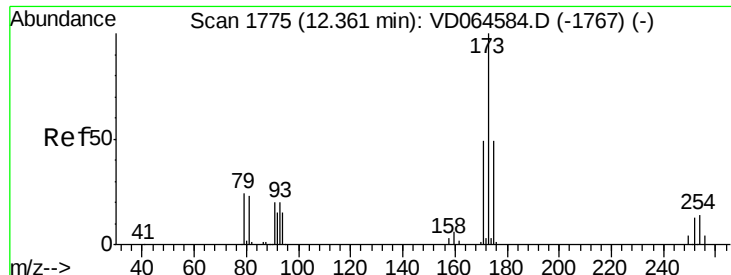
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#70
Styrene
Concen: 50.294 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.2	57.2
103	55.2	44.6	67.0





#71

Bromoform

Concen: 47.445 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

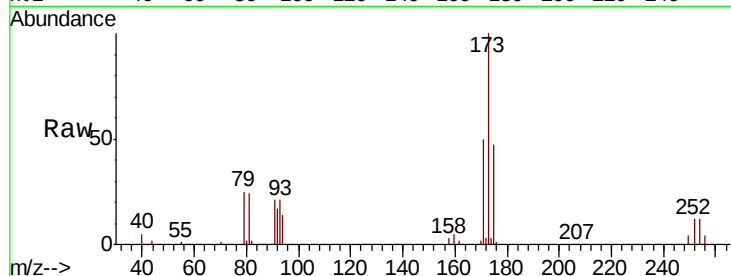
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	73.8
254	0.1	0.1	0.1#

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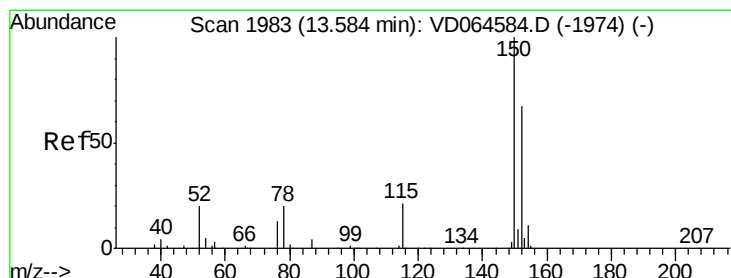
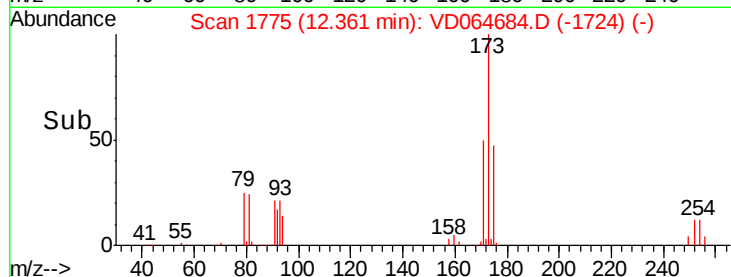
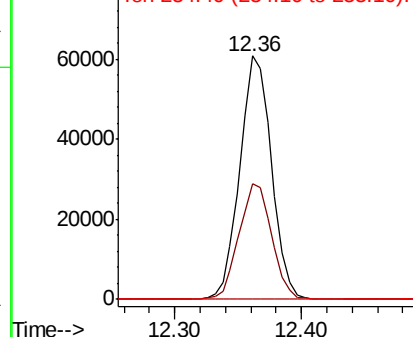


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

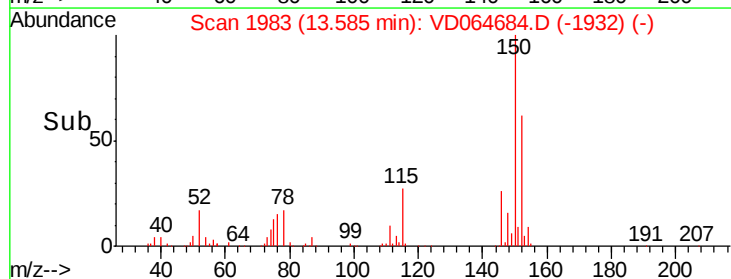
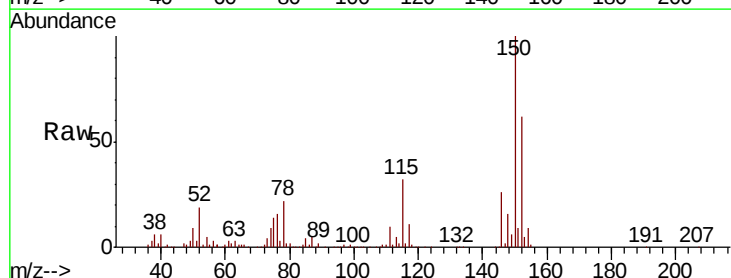
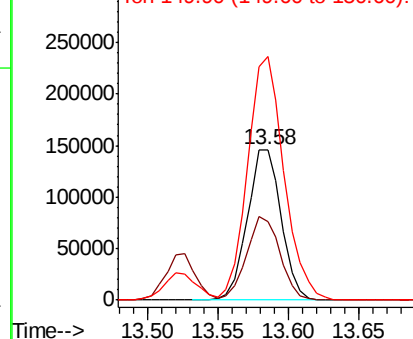
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.4
150	174.1	0.0	351.4

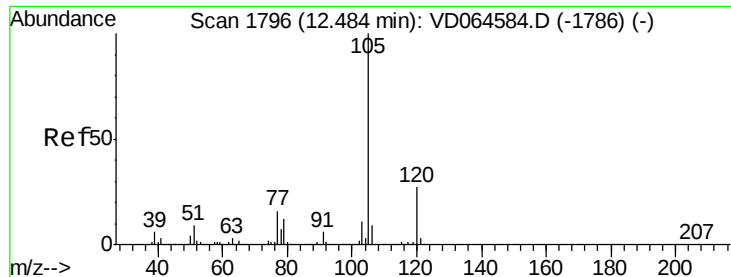
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.237 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 896595

Ion Ratio Lower Upper

105 100

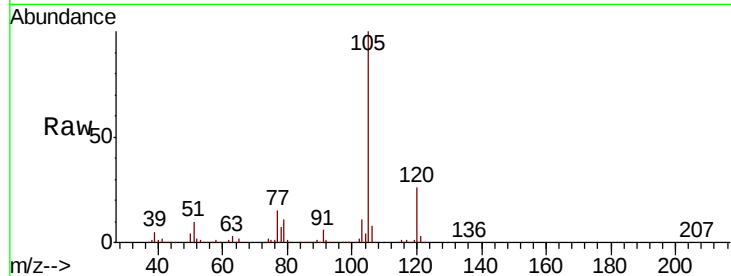
120 26.7 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

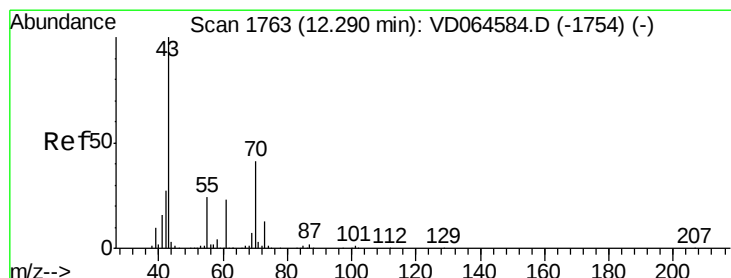
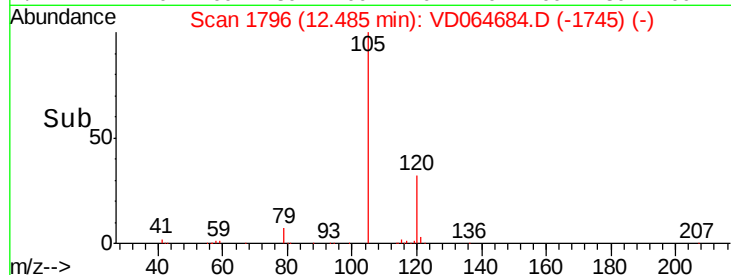
400000

200000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 48.859 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Tgt Ion: 43 Resp: 182764

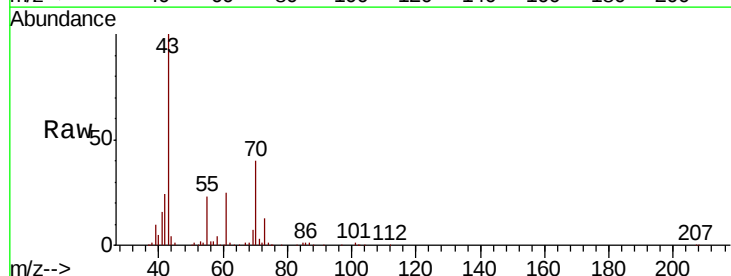
Ion Ratio Lower Upper

43 100

70 40.2 33.4 50.0

55 23.3 19.4 29.0

61 22.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

150000

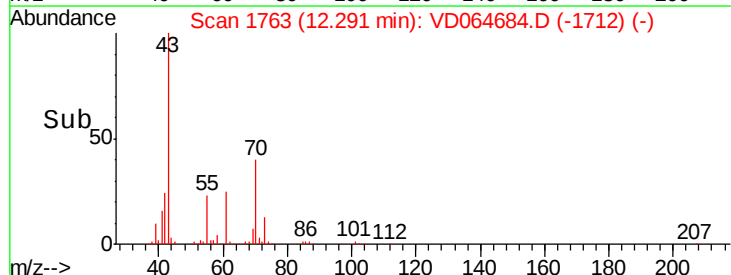
100000

50000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.120 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

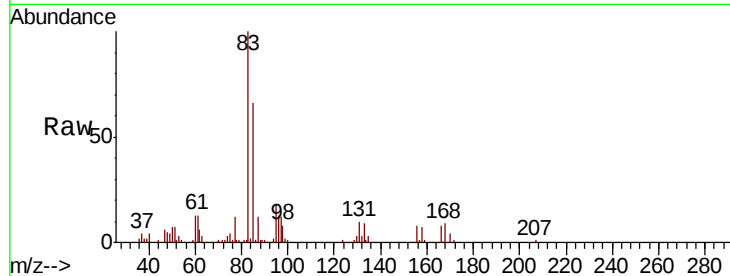
ClientSampleId :

VSTDCCC050

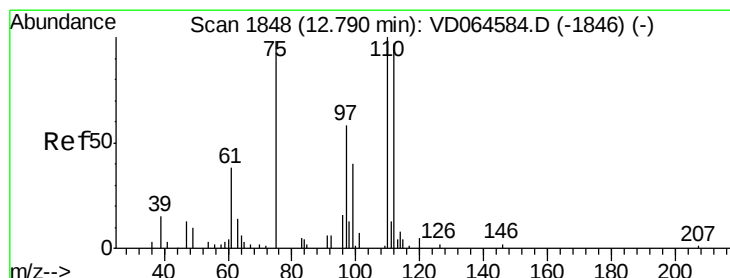
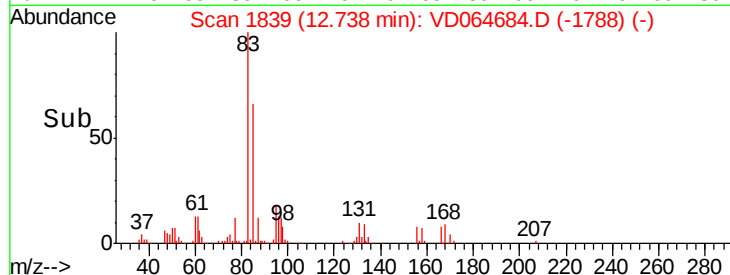
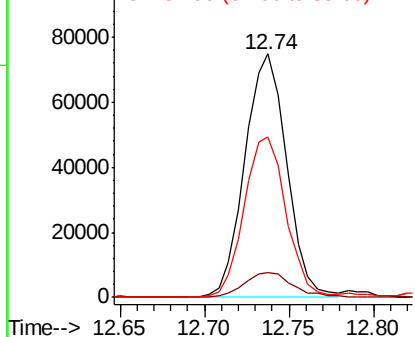
Tot Ion:	83	Resp:	129530
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.4
85	65.9	32.3	96.9

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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: 41.247 ug/l m

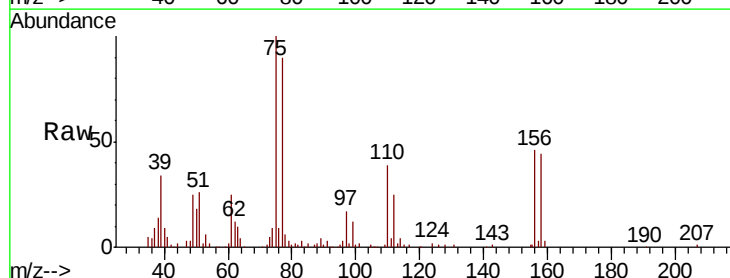
RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

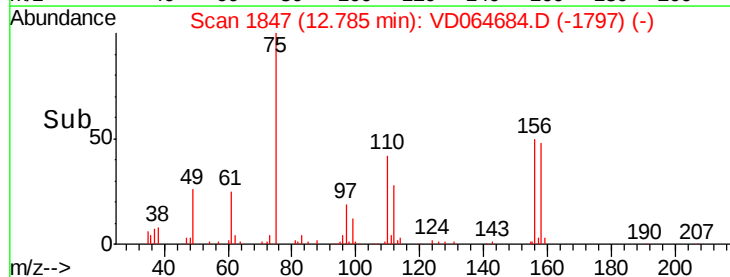
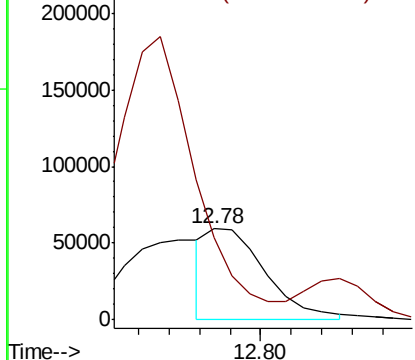
Lab File: VD064684.D

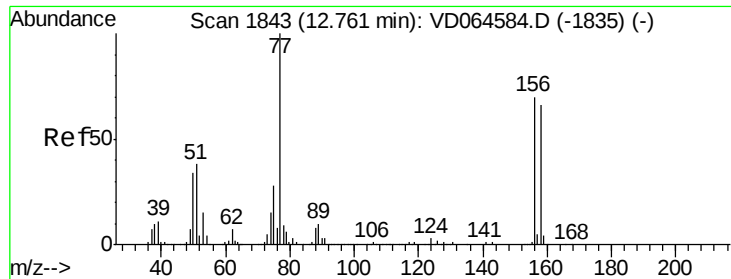
Acq: 31 Dec 2019 09:39

Tgt Ion:	75	Resp:	79758
Ion Ratio	Lower	Upper	
75	100		
77	429.8	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





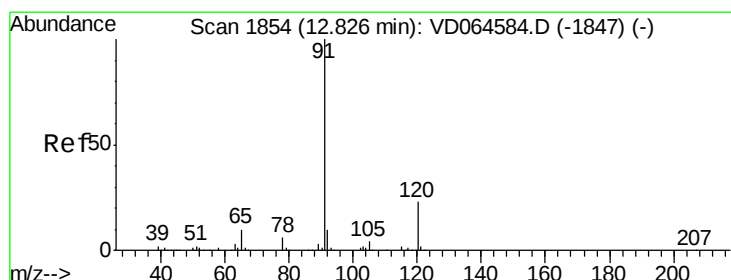
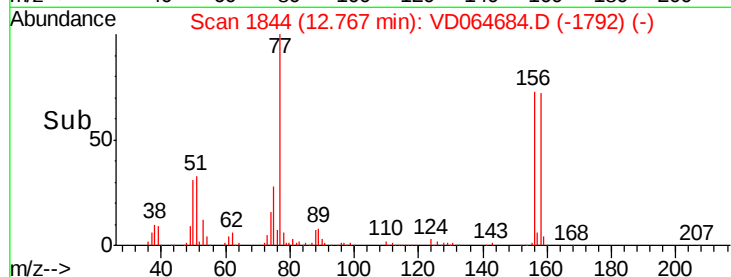
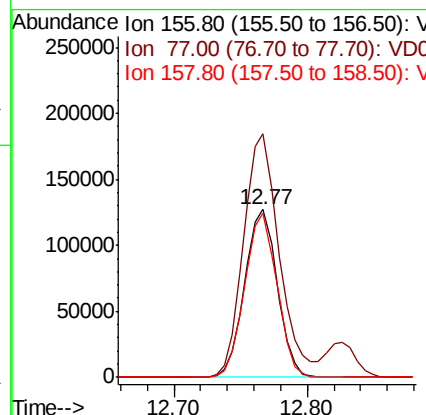
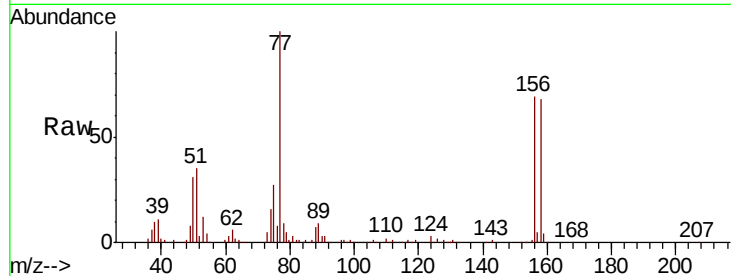
#77
Bromobenzene
Concen: 49.711 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.4	80.9	242.7
158	96.9	48.0	144.2

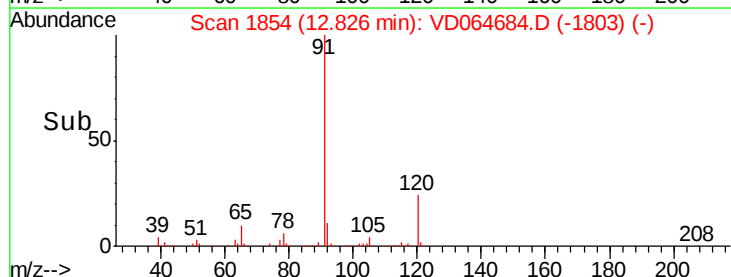
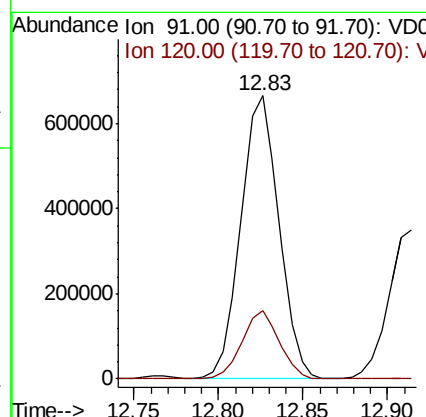
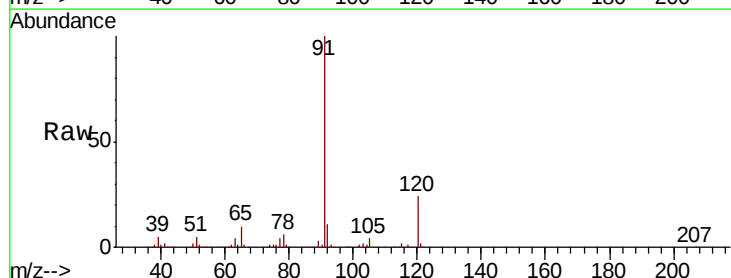
Manual Integrations
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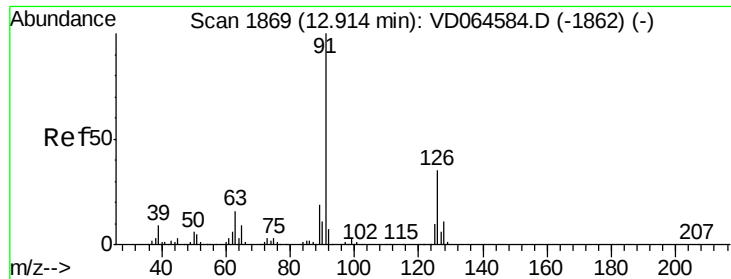
apatel
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#78
n-propylbenzene
Concen: 51.057 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.9





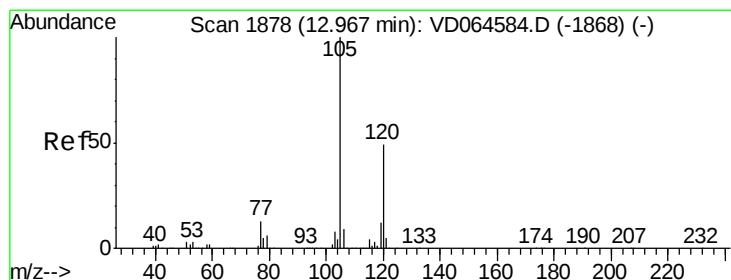
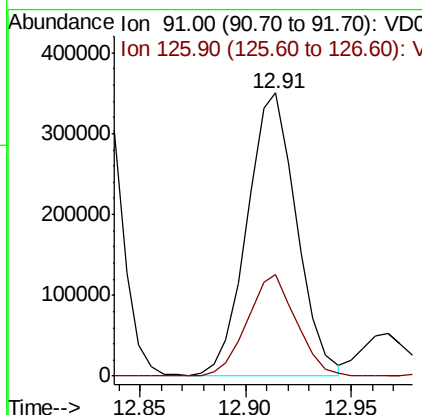
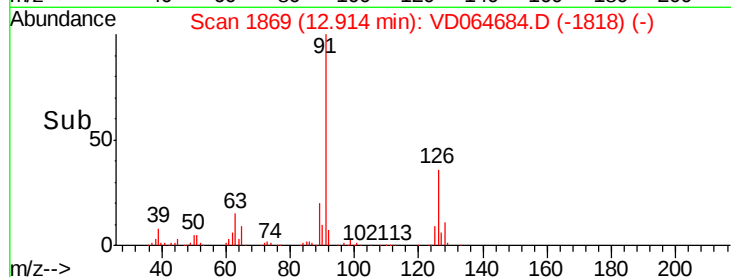
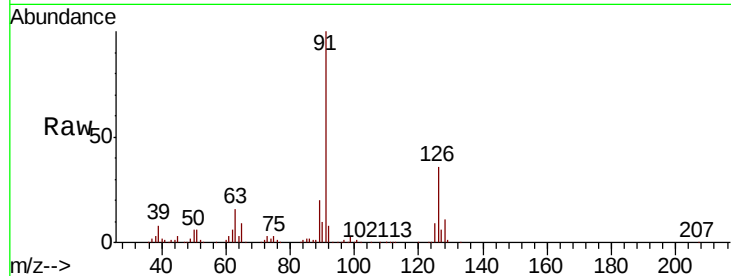
#79
 2-Chlorotoluene
 Concen: 50.717 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 568770
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.8 53.5

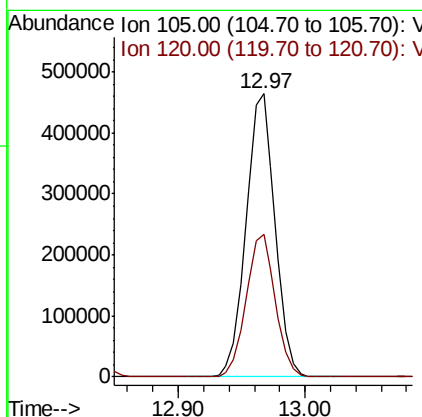
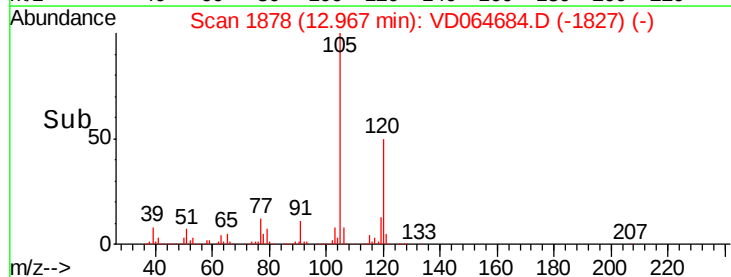
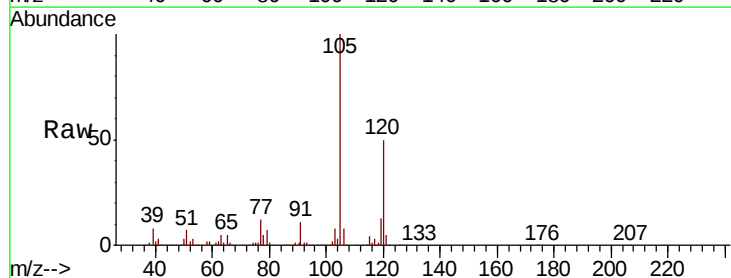
Manual Integrations
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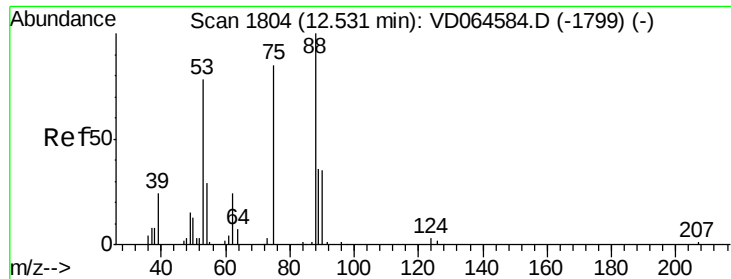
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.163 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion: 105 Resp: 735454
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.626 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

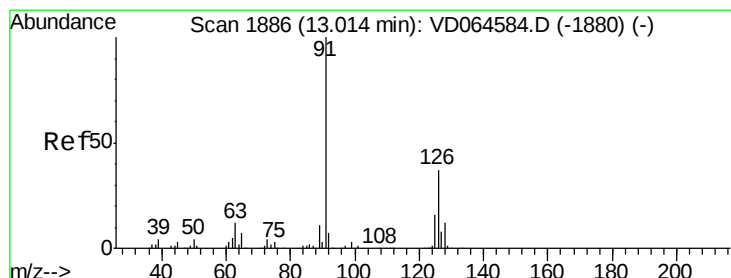
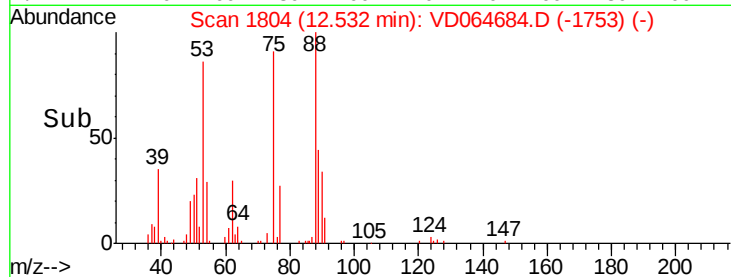
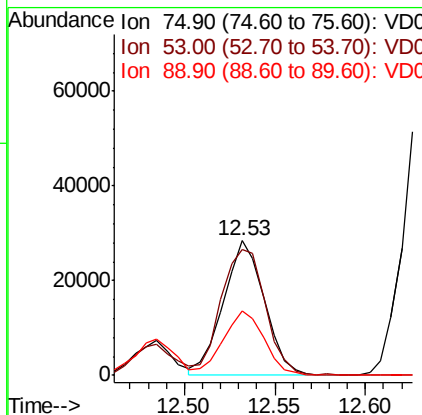
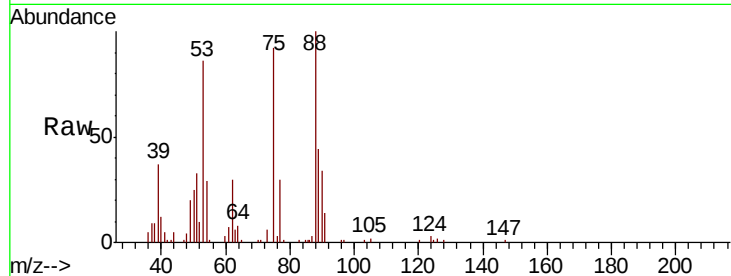
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	44957
Ion	Ratio	Lower	Upper
75	100		
53	101.5	78.8	118.2
89	48.0	38.3	57.5

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#82

4-Chlorotoluene

Concen: 50.121 ug/l

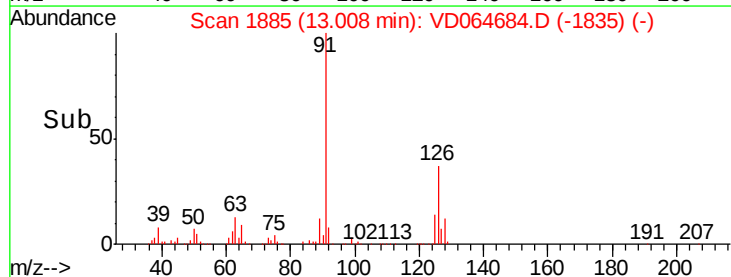
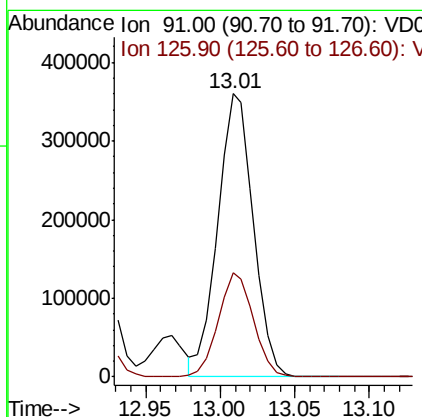
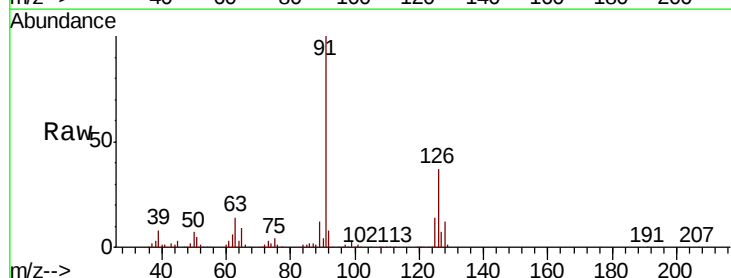
RT: 13.01 min Scan# 1885

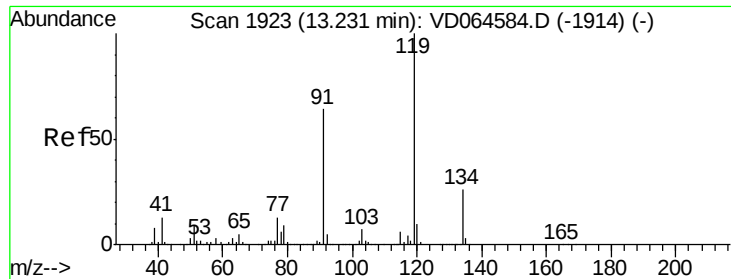
Delta R.T. -0.01 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Tgt Ion:	91	Resp:	598176
Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.8	53.5





#83

tert-Butylbenzene

Concen: 51.049 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Instrument :

MSVOA_D

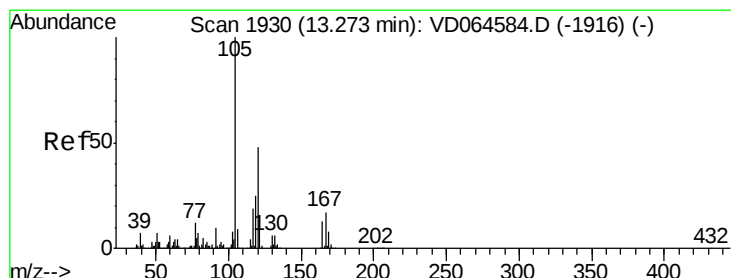
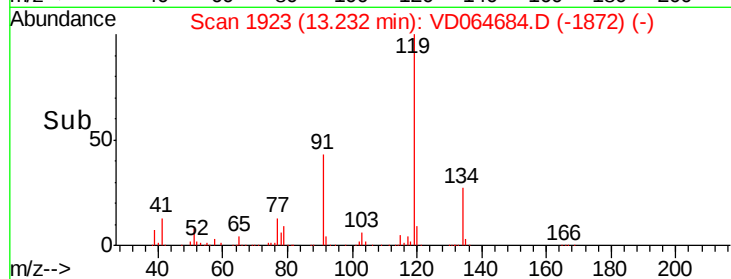
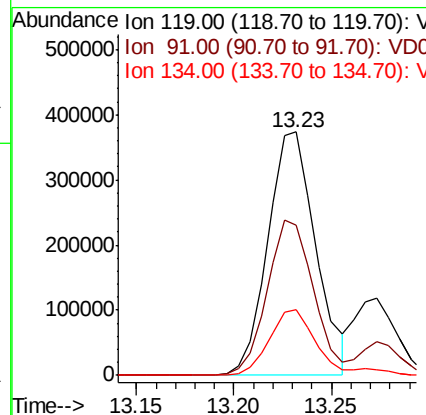
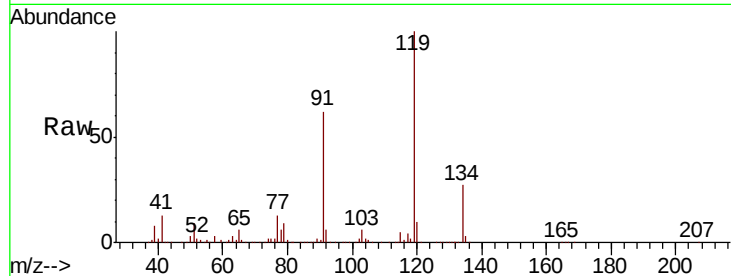
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	637124
Ion Ratio	Lower	Upper	
119	100		
91	61.4	30.8	92.4
134	25.8	12.8	38.3

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#84

1,2,4-Trimethylbenzene

Concen: 50.979 ug/l

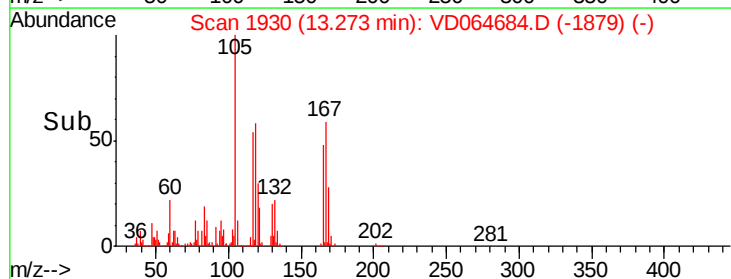
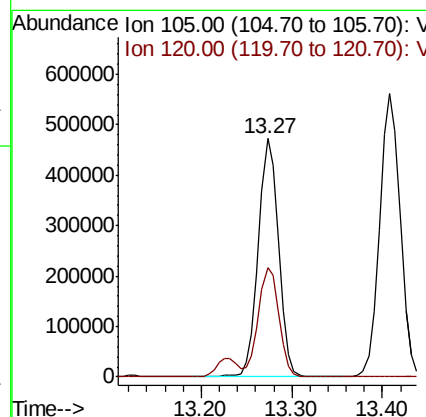
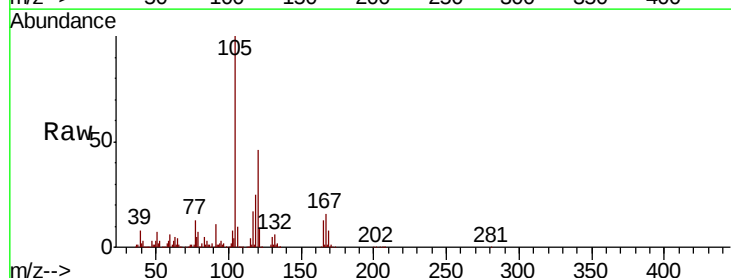
RT: 13.27 min Scan# 1930

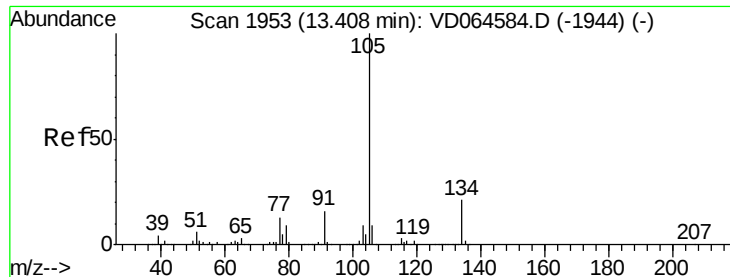
Delta R.T. 0.00 min

Lab File: VD064684.D

Acq: 31 Dec 2019 09:39

Tgt Ion:	105	Resp:	729825
Ion Ratio	Lower	Upper	
105	100		
120	47.0	23.8	71.2





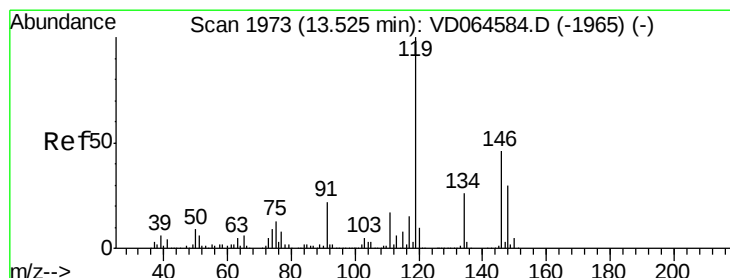
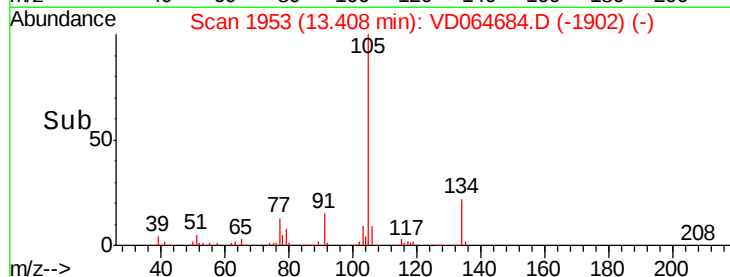
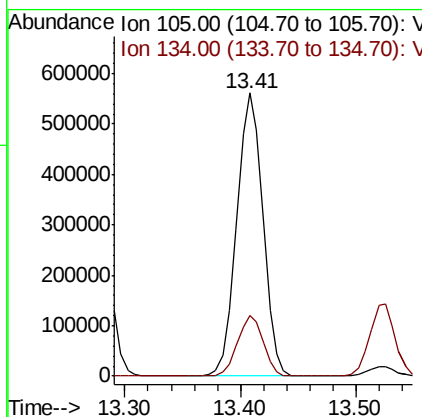
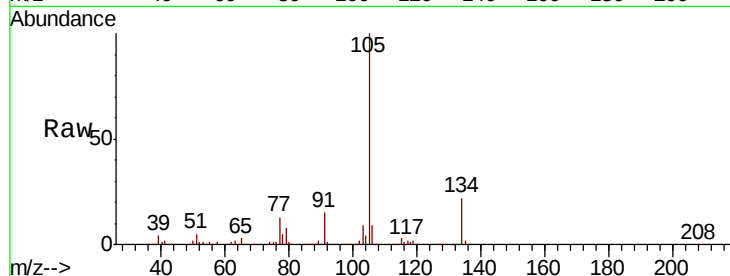
#85
 sec-Butylbenzene
 Concen: 51.444 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.6	31.8

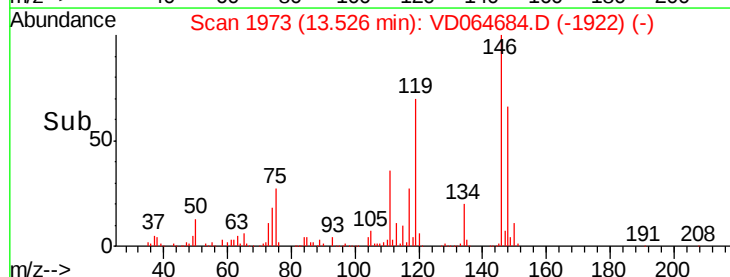
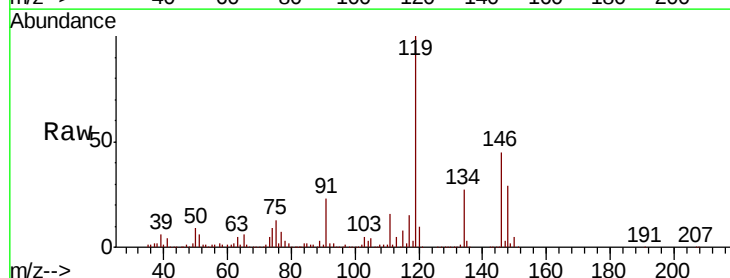
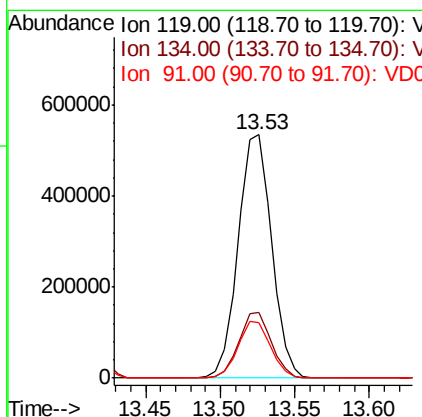
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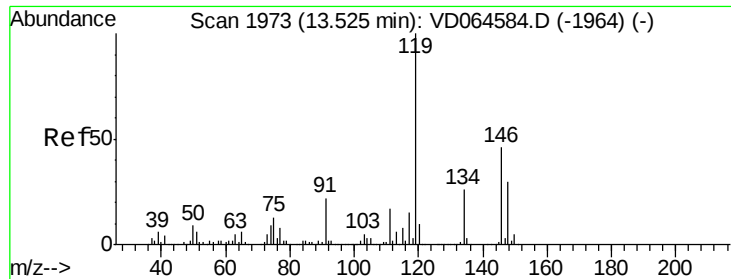
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#86
 p-Isopropyltoluene
 Concen: 50.824 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.1
91	22.9	11.2	33.6





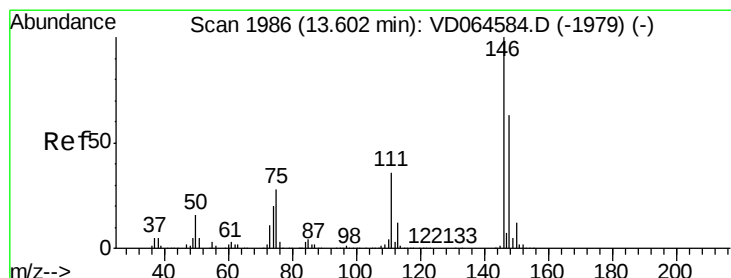
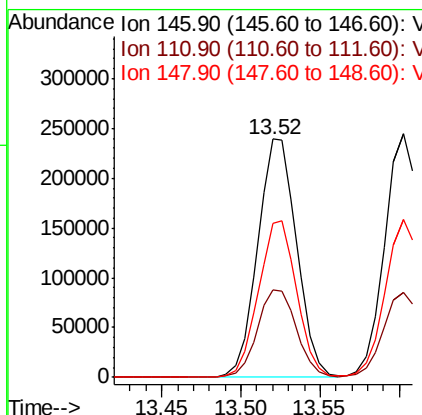
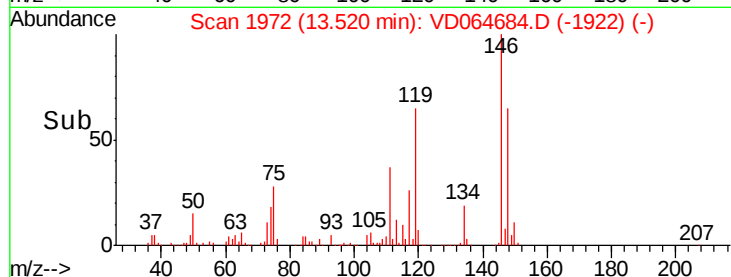
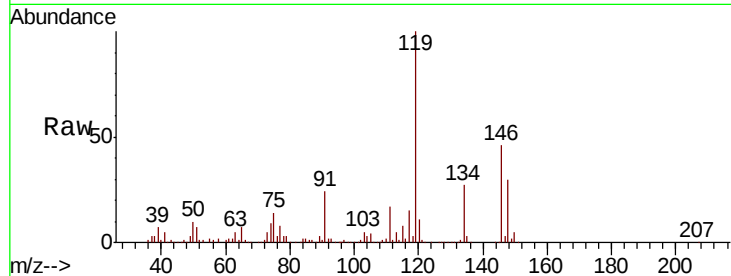
#87
 1,3-Dichlorobenzene
 Concen: 49.923 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	64.5	32.5	97.5

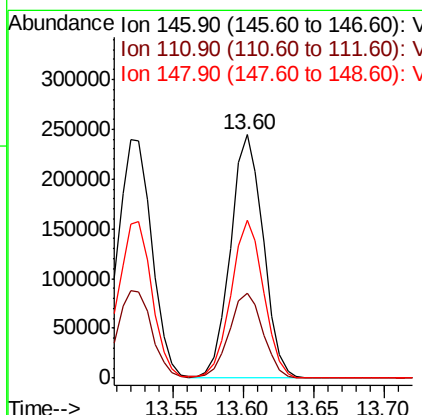
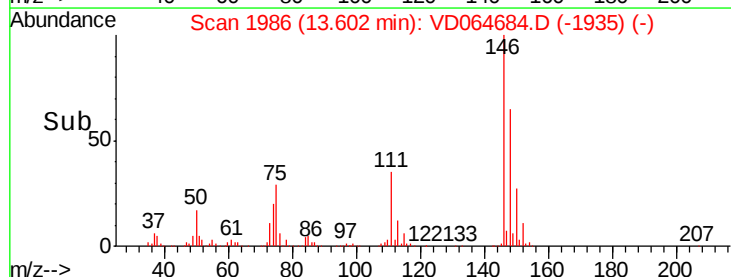
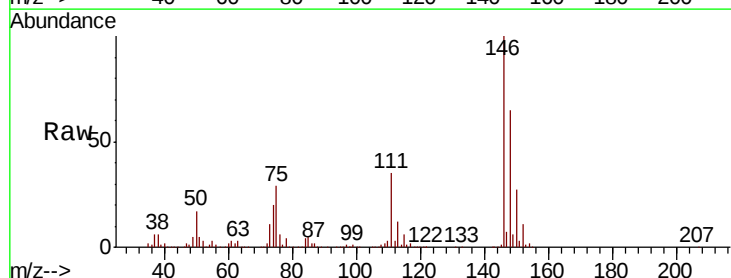
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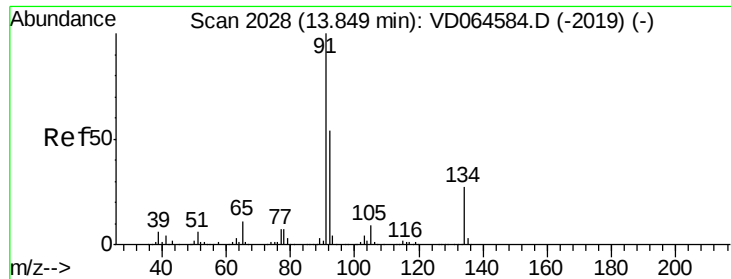
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#88
 1,4-Dichlorobenzene
 Concen: 49.051 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	64.5	32.3	96.9





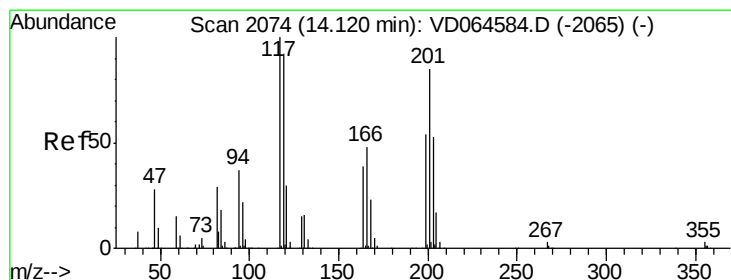
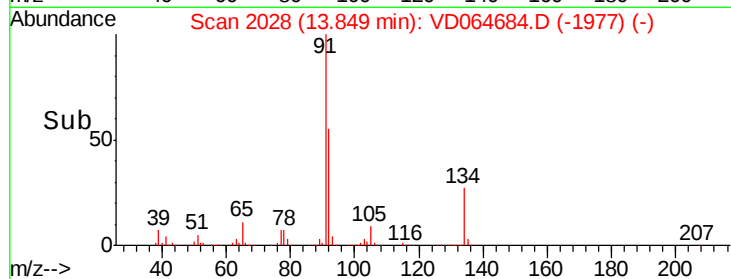
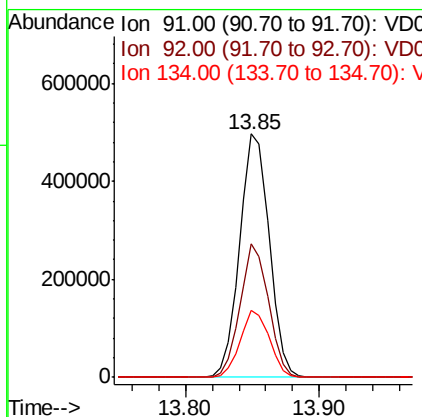
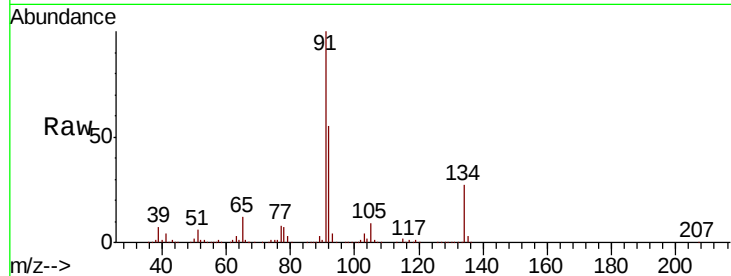
#89
n-Butylbenzene
Concen: 51.619 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.6	26.8	80.4	
134	27.1	14.0	41.9	

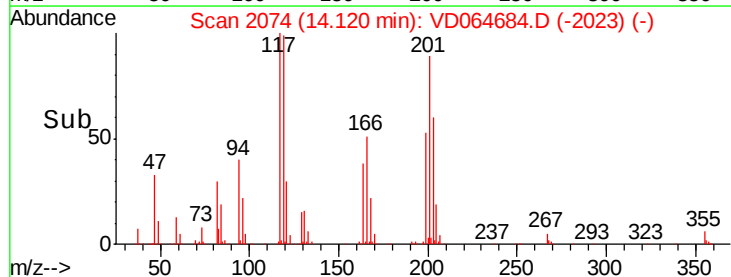
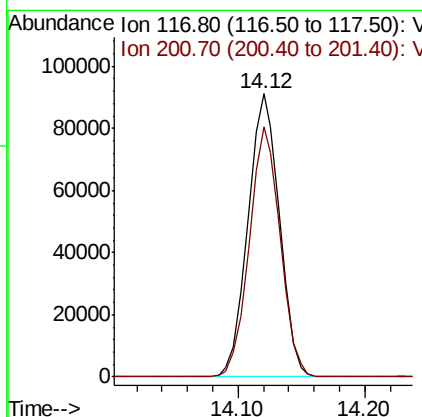
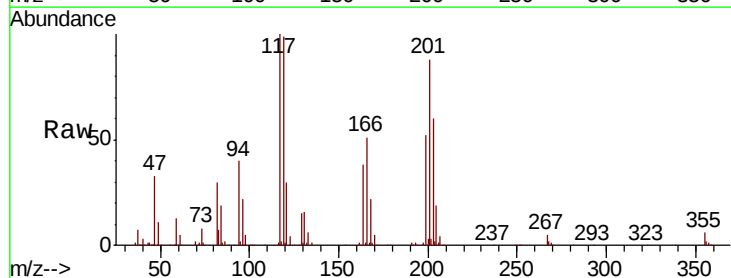
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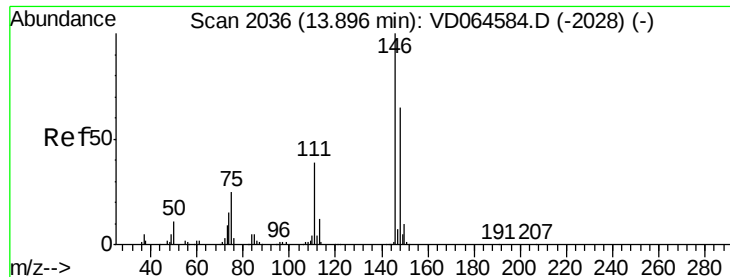
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#90
Hexachloroethane
Concen: 50.378 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.7	44.0	131.8	





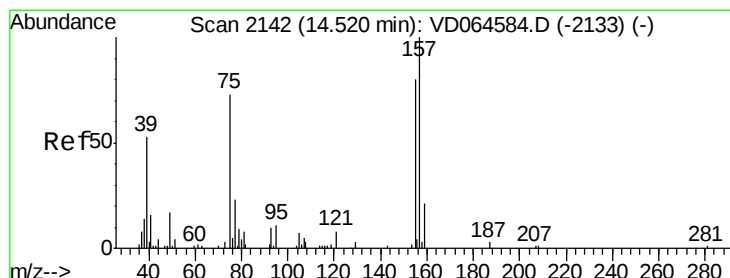
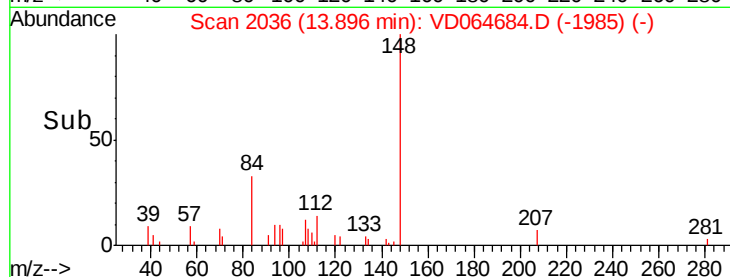
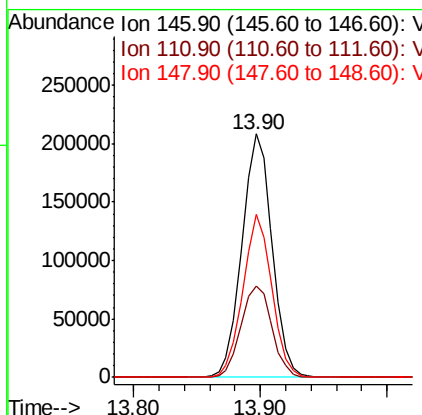
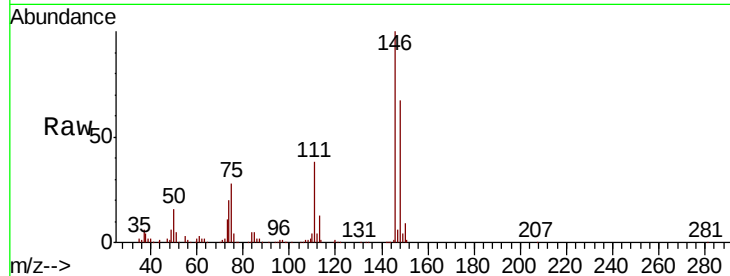
#91
 1,2-Dichlorobenzene
 Concen: 49.060 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.9
148	64.4	31.9	95.5

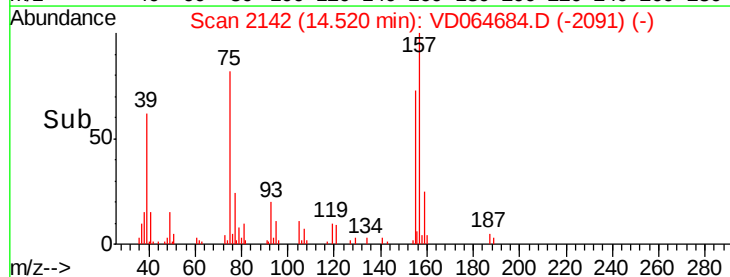
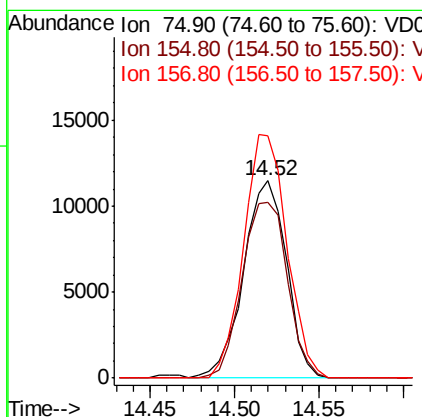
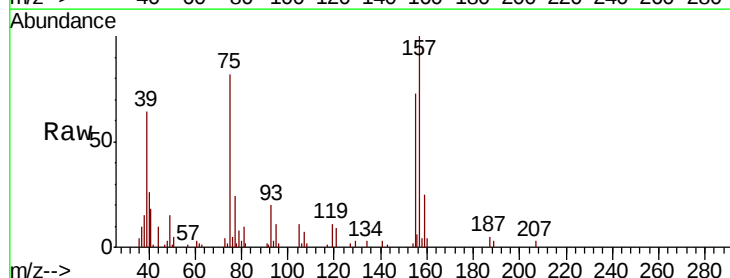
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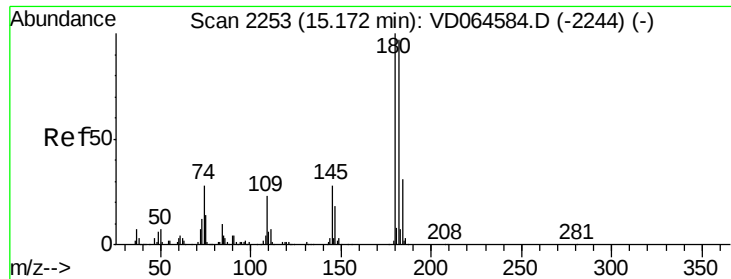
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.569 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	48.0	144.0
157	124.2	64.1	192.3





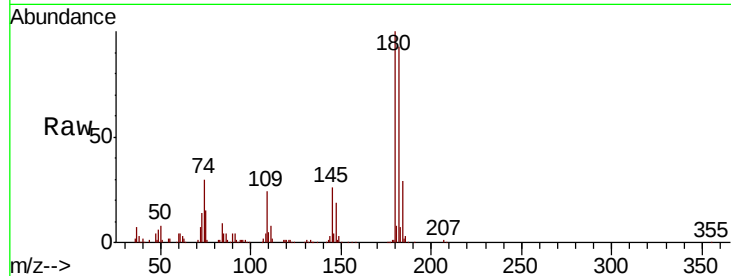
#93
 1,2,4-Trichlorobenzene
 Concen: 47.685 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	245410		
182	95.9	48.0	144.2	
145	28.0	13.8	41.4	

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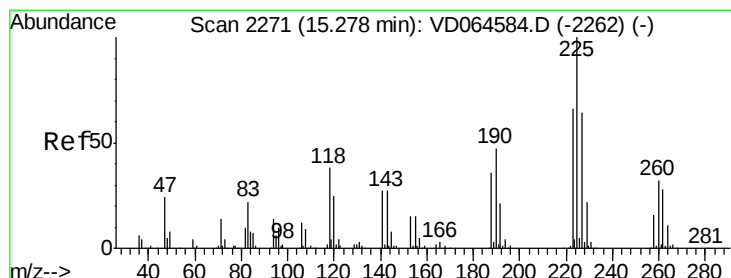
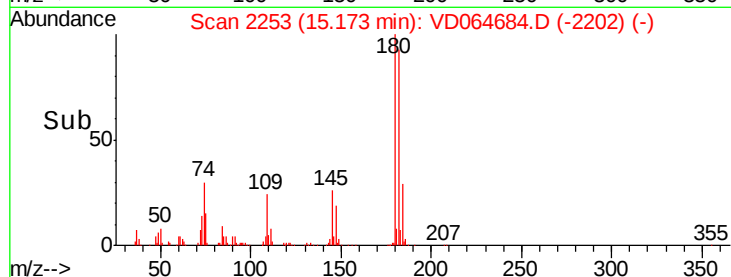
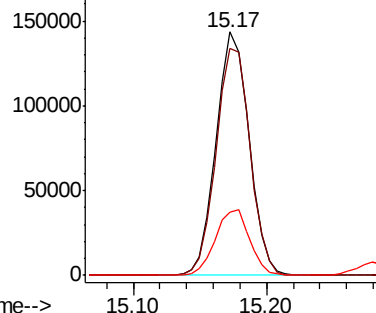


Abundance

Ion 179.80 (179.50 to 180.50): V

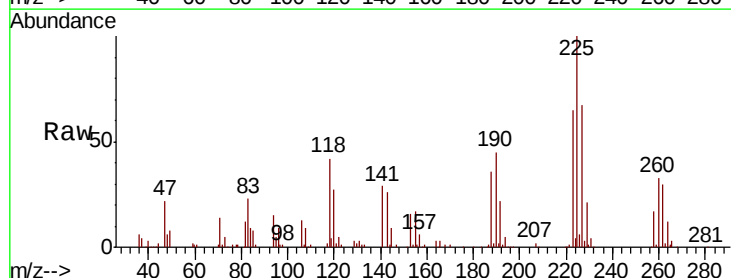
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.999 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064684.D
 Acq: 31 Dec 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155444		
223	63.0	31.1	93.2	
227	65.7	30.9	92.7	

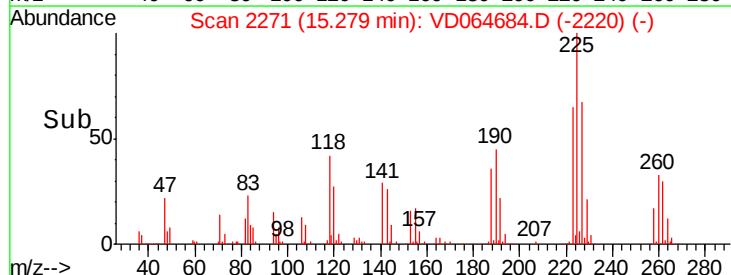
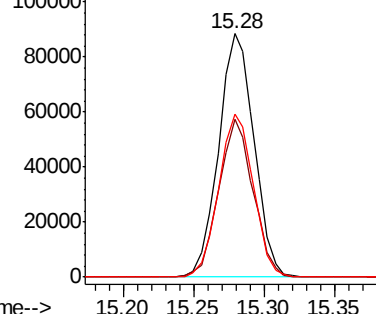


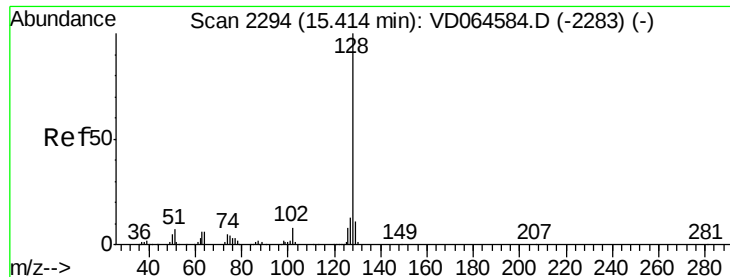
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





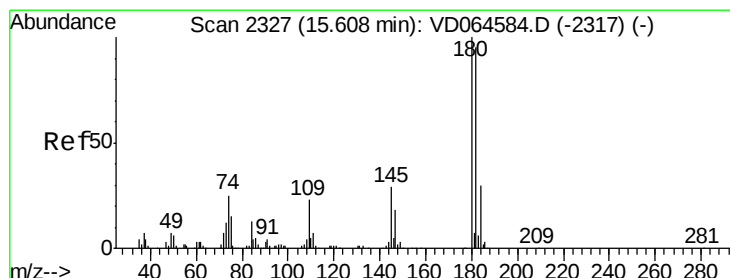
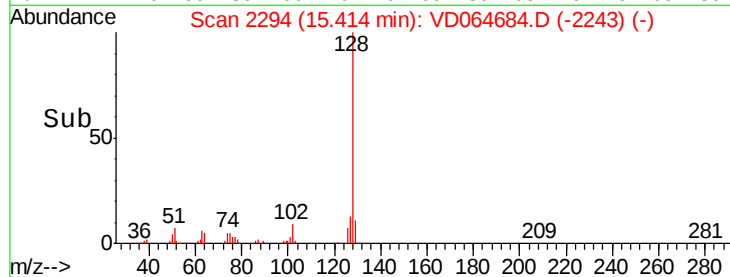
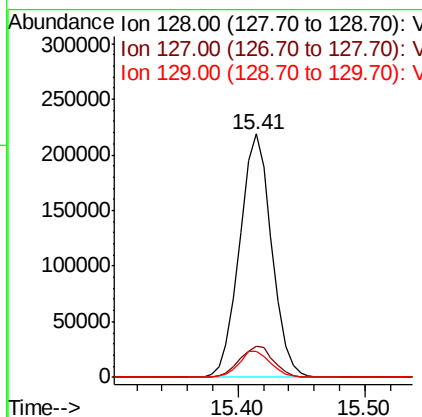
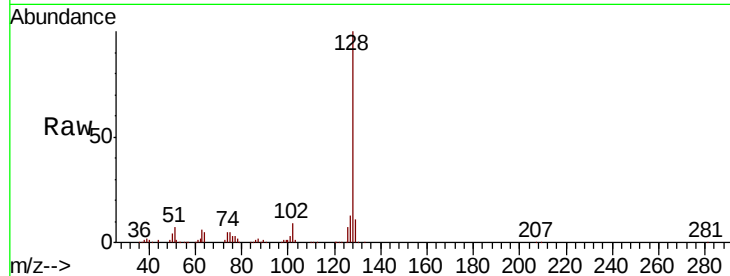
#95
Naphthalene
Concen: 47.082 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	383329
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	10.8	8.5	12.7

Manual Integrations
APPROVED

apatel
1/2/2020 10:42:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.212 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064684.D
Acq: 31 Dec 2019 09:39

Tgt Ion:	180	Resp:	207427
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.9	143.7
145	29.7	14.9	44.7

