

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
 Data File : VD066070.D
 Acq On : 27 Jul 2020 16:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 27 17:57:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	240141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	357574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	344802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	192410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	118549	60.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.34%	
35) Dibromofluoromethane	7.91	113	123284	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.34	98	452981	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	
62) 4-Bromofluorobenzene	12.64	95	161146	57.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73115	40.119	ug/l	96
3) Chloromethane	2.20	50	66301	44.580	ug/l	99
4) Vinyl Chloride	2.34	62	61910	43.713	ug/l	100
5) Bromomethane	2.77	94	49344	49.489	ug/l	99
6) Chloroethane	2.92	64	40531	47.940	ug/l	91
7) Trichlorofluoromethane	3.27	101	165479	48.036	ug/l	100
8) Diethyl Ether	3.70	74	50661	53.204	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	94422	45.394	ug/l	94
10) Methyl Iodide	4.29	142	118912	55.431	ug/l	94
11) Tert butyl alcohol	5.23	59	34783	286.954	ug/l	98
12) 1,1-Dichloroethene	4.07	96	93116	46.898	ug/l	98
13) Acrolein	3.92	56	37124	225.501	ug/l	99
14) Allyl chloride	4.71	41	148160	47.737	ug/l	92
15) Acrylonitrile	5.42	53	109194	268.422	ug/l	98
16) Acetone	4.16	43	92509	233.893	ug/l	94
17) Carbon Disulfide	4.41	76	282731	43.899	ug/l	100
18) Methyl Acetate	4.72	43	47521	51.648	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	243073	59.585	ug/l	99
20) Methylene Chloride	4.97	84	120424	55.383	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	113898	50.756	ug/l	98
22) Diisopropyl ether	6.36	45	314072	53.264	ug/l	95
23) Vinyl Acetate	6.30	43	925451	278.295	ug/l	95
24) 1,1-Dichloroethane	6.27	63	192004	53.741	ug/l	97
25) 2-Butanone	7.21	43	135321	257.843	ug/l	93
26) 2,2-Dichloropropane	7.21	77	162665	50.630	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	125928	53.001	ug/l	99
28) Bromochloromethane	7.55	49	85495	56.381	ug/l	89
29) Tetrahydrofuran	7.56	42	87370	269.814	ug/l	94
30) Chloroform	7.71	83	207310	55.472	ug/l	96
31) Cyclohexane	7.99	56	150869	42.923	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	184689	53.426	ug/l	99
36) 1,1-Dichloropropene	8.11	75	148328	48.605	ug/l	100
37) Ethyl Acetate	7.30	43	62746	53.838	ug/l	98
38) Carbon Tetrachloride	8.10	117	173856	52.505	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	170535	46.145	ug/l	96
40) Benzene	8.35	78	438572	51.369	ug/l	99
41) Methacrylonitrile	7.53	41	37946	56.836	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	138710	59.290	ug/l	99
43) Isopropyl Acetate	8.45	43	122580	53.851	ug/l	99
44) Trichloroethene	9.11	130	133170	51.544	ug/l	99
45) 1,2-Dichloropropane	9.39	63	107038	51.765	ug/l	99
46) Dibromomethane	9.48	93	61474	55.226	ug/l	96
47) Bromodichloromethane	9.66	83	162393	55.175	ug/l	97
48) Methyl methacrylate	9.46	41	58351	50.819	ug/l #	86
49) 1,4-Dioxane	9.46	88	13873	1075.735	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	321496	280.311	ug/l	100
52) Toluene	10.41	92	300197	53.917	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	155931	56.866	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	180369	54.265	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	87871	55.660	ug/l	95
56) Ethyl methacrylate	10.67	69	107707	58.680	ug/l	95
57) 1,3-Dichloropropane	10.95	76	142611	54.568	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	243825	278.078	ug/l	96
59) 2-Hexanone	10.99	43	218313	274.675	ug/l	95
60) Dibromochloromethane	11.14	129	125018	58.733	ug/l	100
61) 1,2-Dibromoethane	11.25	107	88652	58.241	ug/l	100
64) Tetrachloroethene	10.88	164	117192	50.076	ug/l	95
65) Chlorobenzene	11.67	112	331558	52.519	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.74	131	131506	56.414	ug/l	99
67) Ethyl Benzene	11.75	91	572868	52.729	ug/l	98
68) m/p-Xylenes	11.86	106	450536	107.891	ug/l	99
69) o-Xylene	12.18	106	206150	54.278	ug/l	96
70) Styrene	12.20	104	371325	56.902	ug/l	99
71) Bromoform	12.37	173	78853	57.749	ug/l #	100
73) Isopropylbenzene	12.48	105	569999	48.958	ug/l	100
74) N-amyl acetate	12.30	43	122433	50.718	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	95441	49.602	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	125203	86.421	ug/l #	100
77) Bromobenzene	12.77	156	152693	51.317	ug/l	94
78) n-propylbenzene	12.83	91	656175	48.569	ug/l	98
79) 2-Chlorotoluene	12.91	91	382352	49.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	489544	51.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	31653	50.135	ug/l	96
82) 4-Chlorotoluene	13.01	91	396678	48.690	ug/l	97
83) tert-Butylbenzene	13.23	119	421606	50.369	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	491004	52.030	ug/l	98
85) sec-Butylbenzene	13.41	105	566766	49.159	ug/l	98
86) p-Isopropyltoluene	13.53	119	539005	51.460	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	279697	50.630	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	274350	49.126	ug/l	98
89) n-Butylbenzene	13.85	91	466263	47.874	ug/l	99
90) Hexachloroethane	14.12	117	106013	48.892	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	252242	52.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	15696	49.774	ug/l	94

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QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

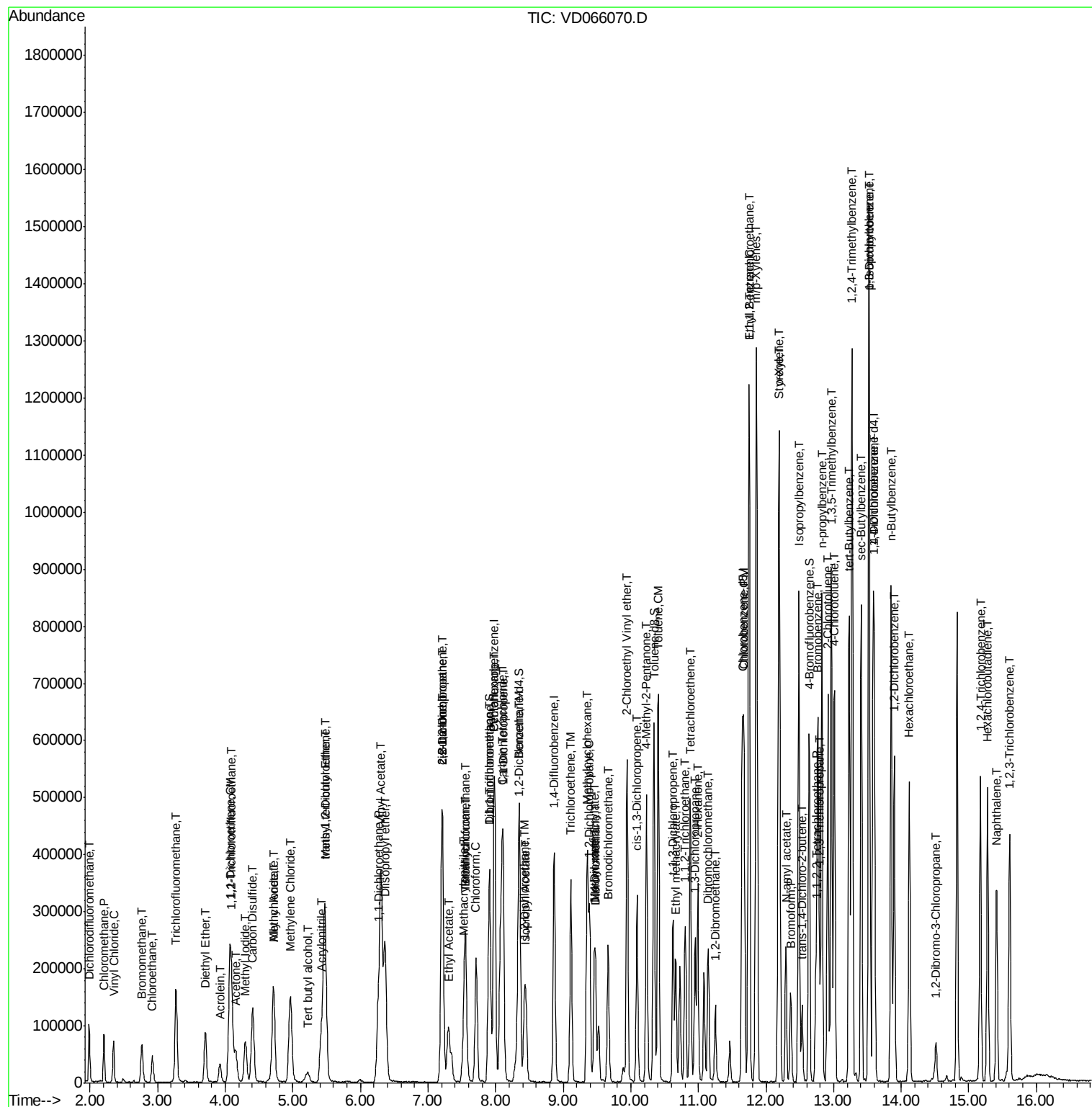
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	185565	54.005	ug/l	99
94) Hexachlorobutadiene	15.27	225	104479	49.183	ug/l	97
95) Naphthalene	15.41	128	307301	50.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	167508	56.077	ug/l	99

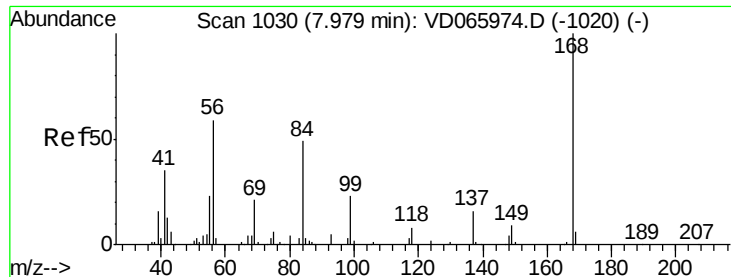
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

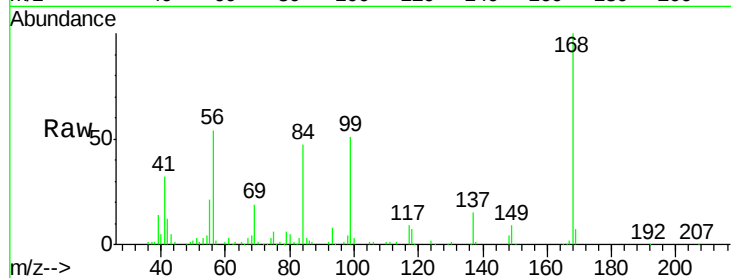
VSTDCCC050EC

Tgt Ion:168 Resp: 240141

Ion Ratio Lower Upper

168 100

99 50.2 40.8 61.2

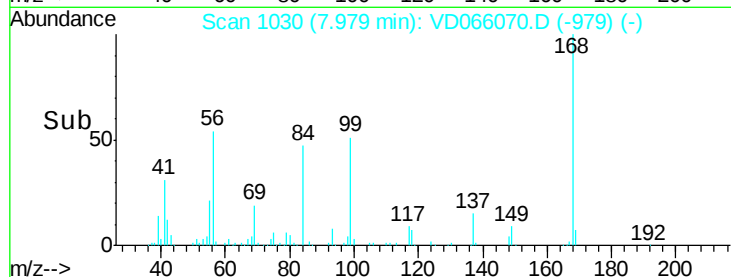


Abundance Ion 167.90 (167.60 to 168.60): V

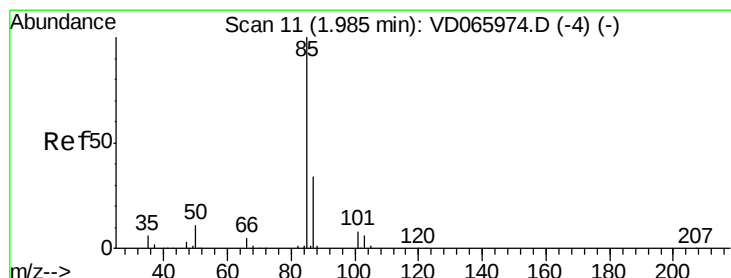
Ion 98.90 (98.60 to 99.60): VDC

7.98

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 40.119 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066070.D

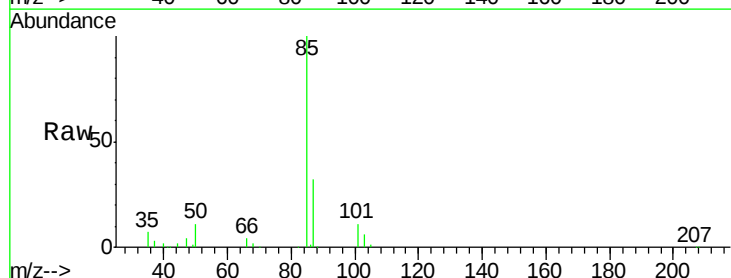
Acq: 27 Jul 2020 16:41

Tgt Ion: 85 Resp: 73115

Ion Ratio Lower Upper

85 100

87 32.0 17.3 51.7

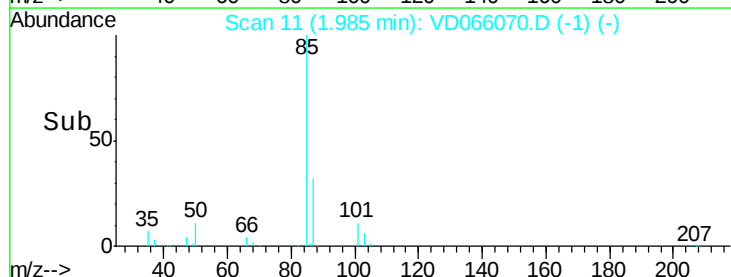


Abundance Ion 84.90 (84.60 to 85.60): VDC

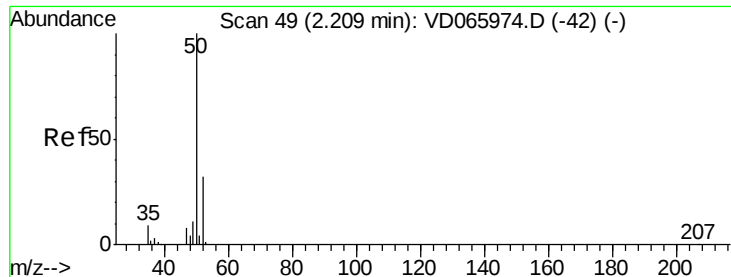
Ion 86.90 (86.60 to 87.60): VDC

1.99

Time-->



Time-->



#3

Chloromethane

Concen: 44.580 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

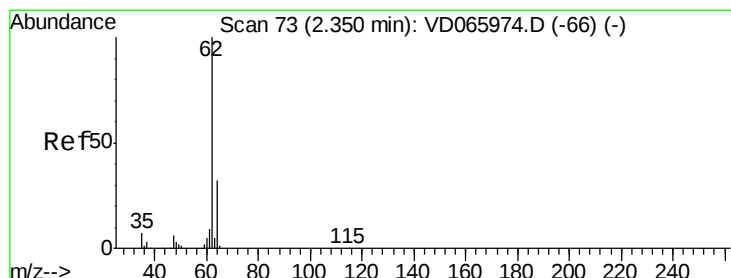
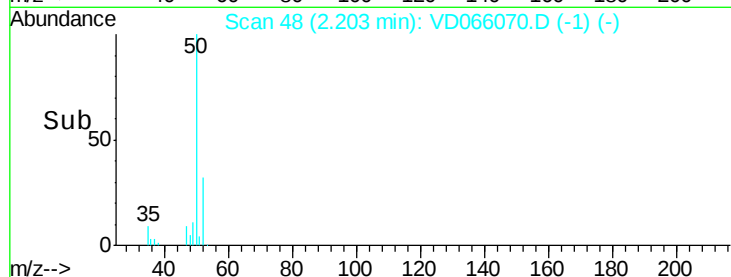
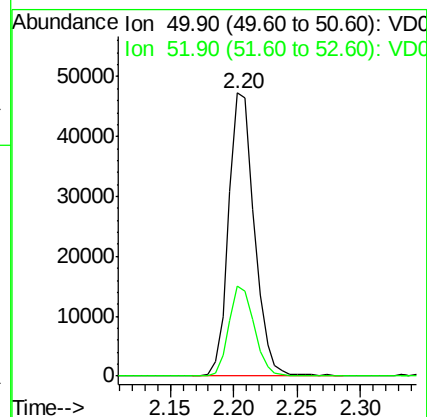
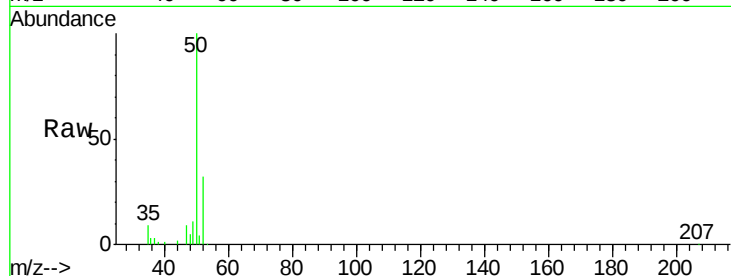
VSTDCCC050EC

Tgt Ion: 50 Resp: 66301

Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.8



#4

Vinyl Chloride

Concen: 43.713 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066070.D

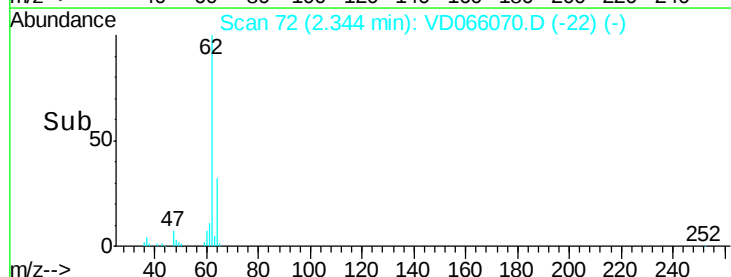
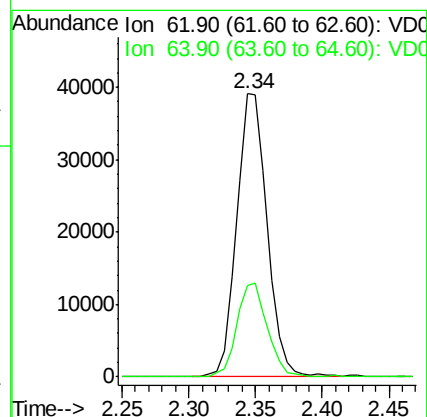
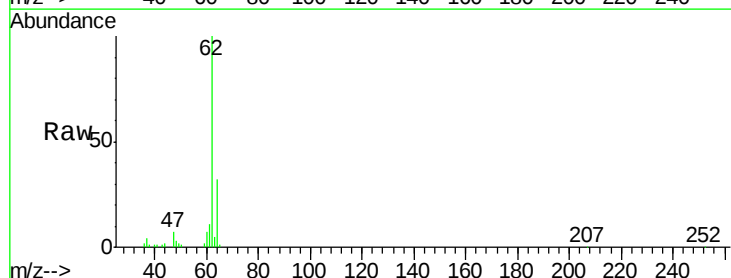
Acq: 27 Jul 2020 16:41

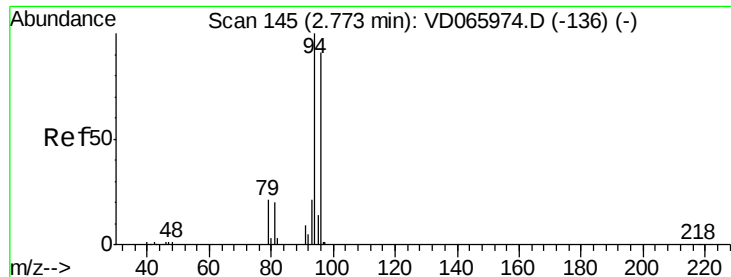
Tgt Ion: 62 Resp: 61910

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 49.489 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

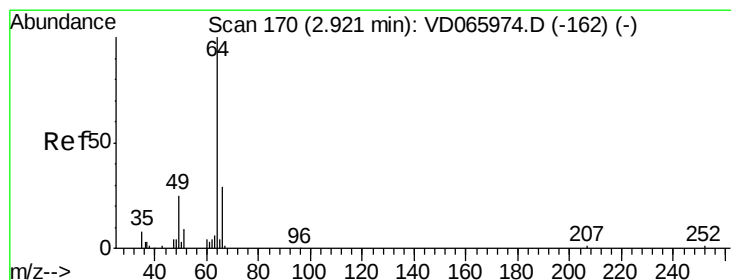
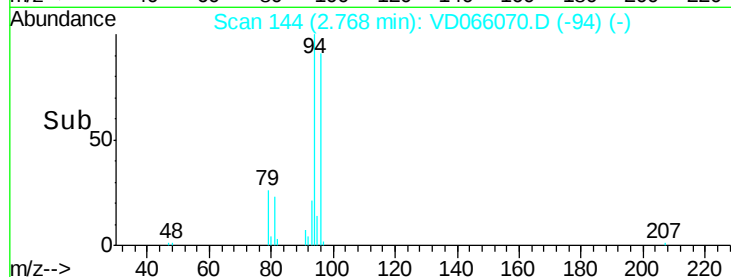
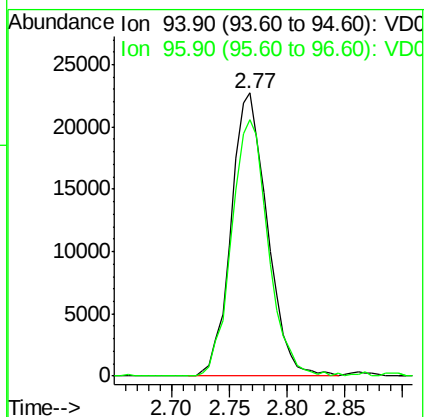
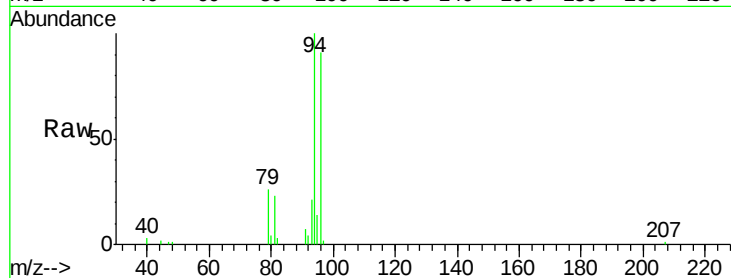
VSTDCCC050EC

Tgt Ion: 94 Resp: 49344

Ion Ratio Lower Upper

94 100

96 90.5 73.0 109.4



#6

Chloroethane

Concen: 47.940 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066070.D

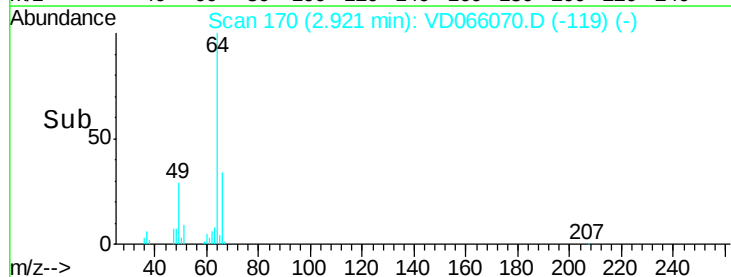
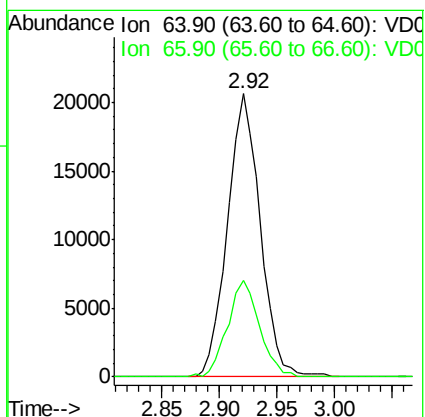
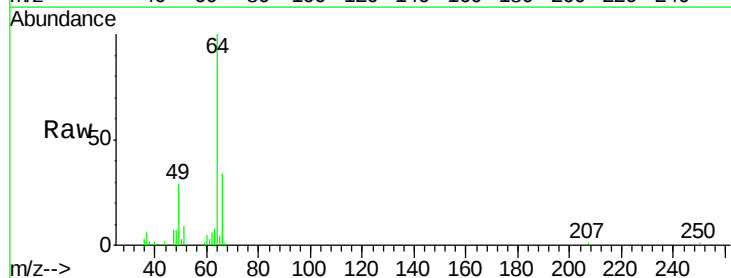
Acq: 27 Jul 2020 16:41

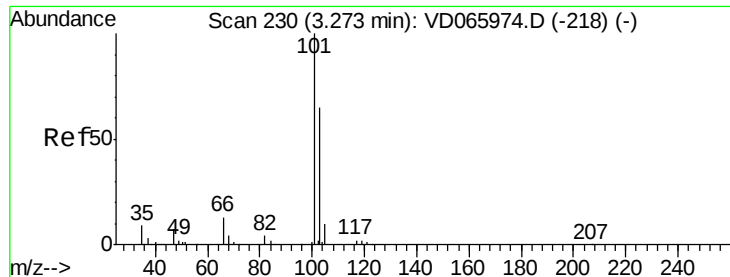
Tgt Ion: 64 Resp: 40531

Ion Ratio Lower Upper

64 100

66 34.2 23.4 35.0



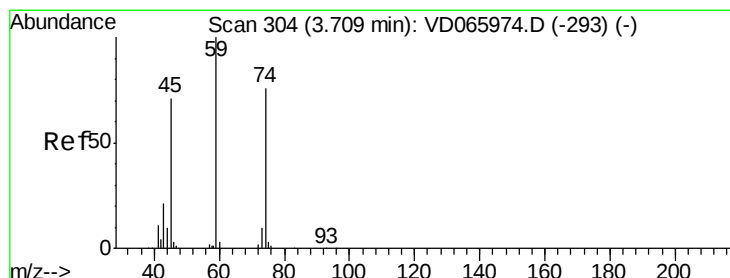
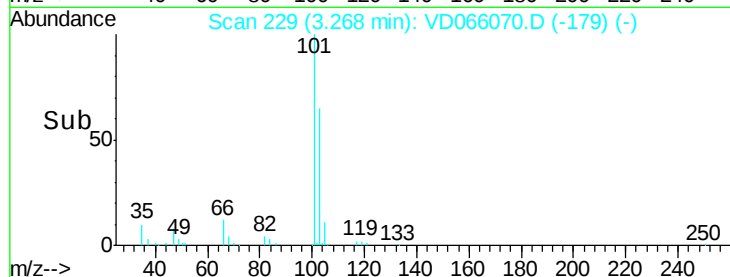
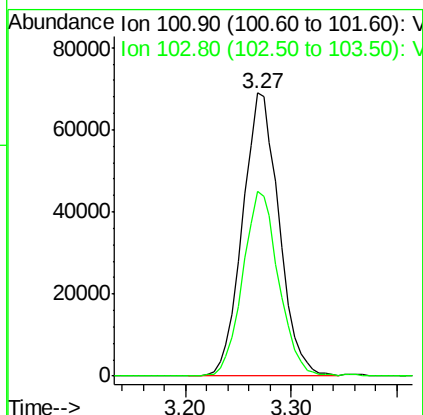
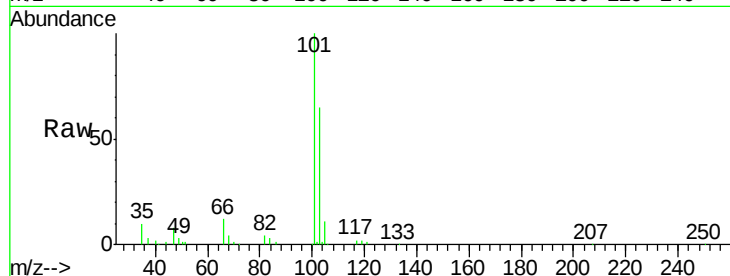


#7

Trichlorofluoromethane
 Concen: 48.036 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066070.D
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Instrument :
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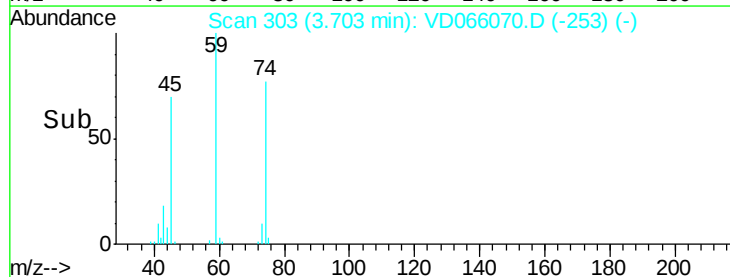
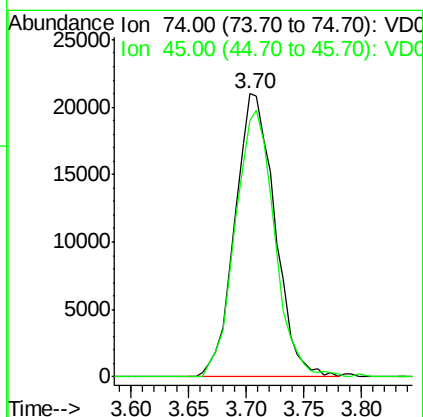
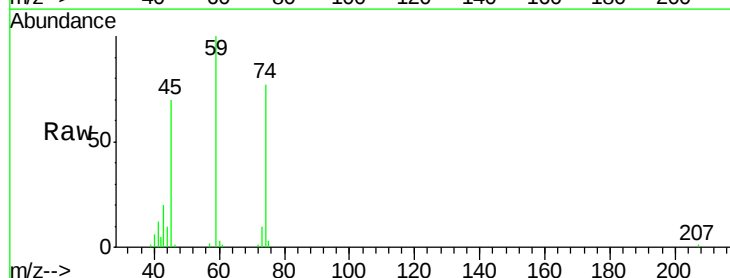
Tgt Ion: 101 Resp: 165479
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.1 78.1

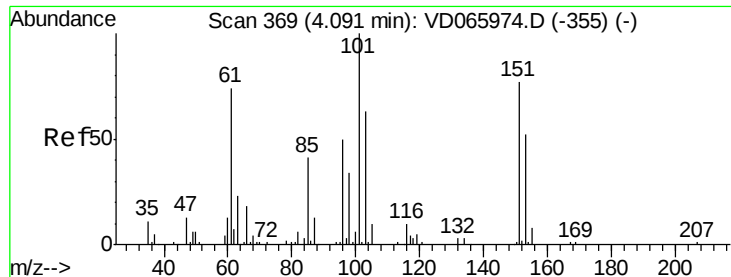


#8

Diethyl Ether
 Concen: 53.204 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion: 74 Resp: 50661
 Ion Ratio Lower Upper
 74 100
 45 92.6 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.394 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

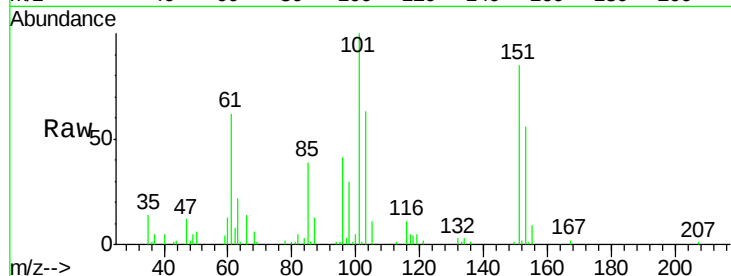
Tgt Ion:101 Resp: 94422

Ion Ratio Lower Upper

101 100

85 43.1 33.6 50.4

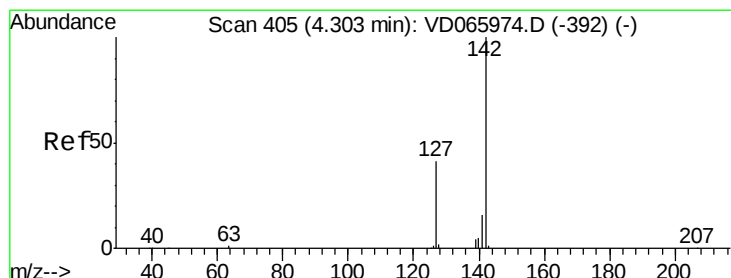
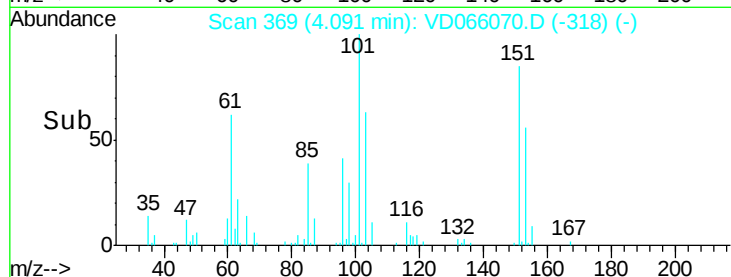
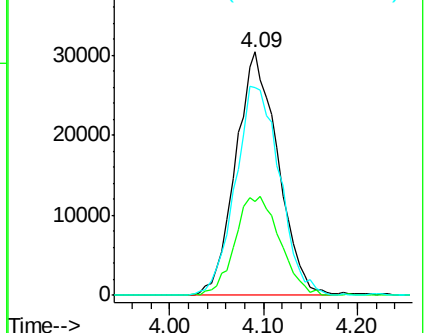
151 90.4 66.6 99.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.431 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

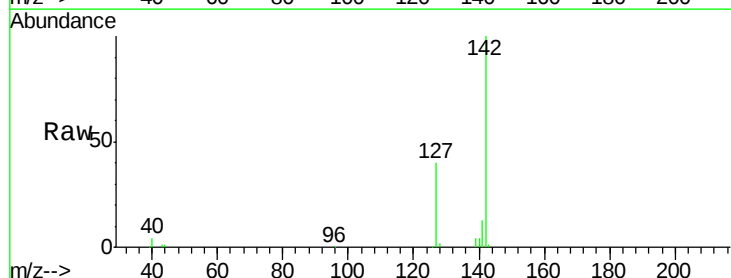
Tgt Ion:142 Resp: 118912

Ion Ratio Lower Upper

142 100

127 46.0 32.9 49.3

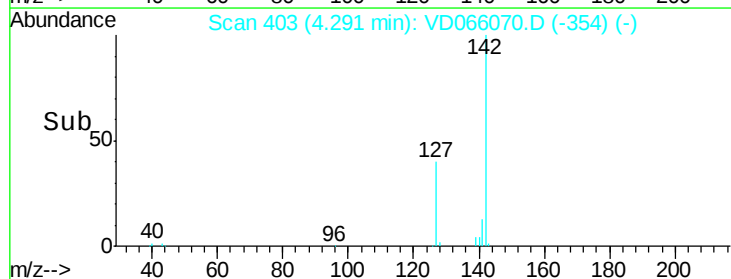
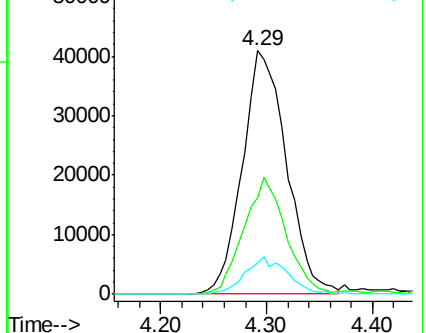
141 14.4 11.8 17.6

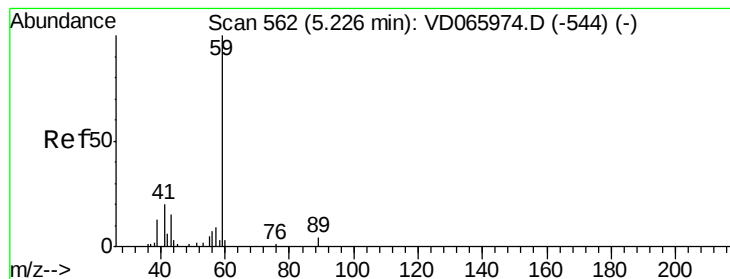


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



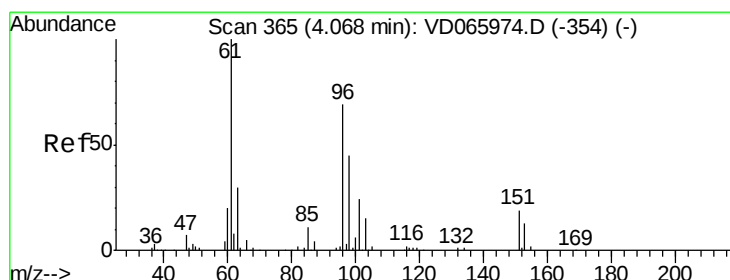
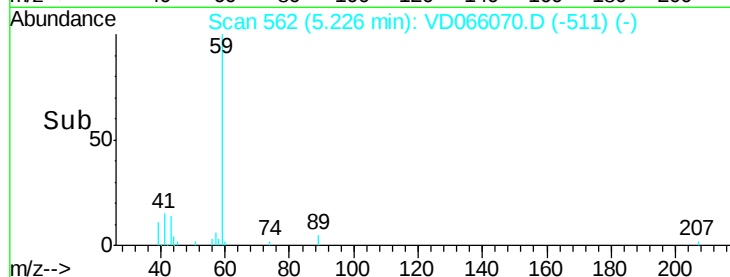
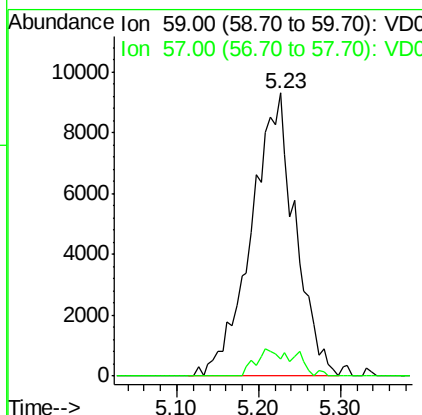
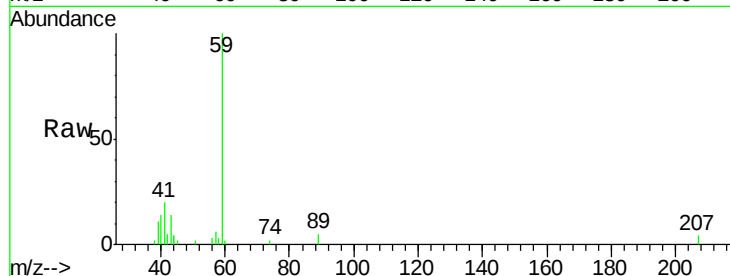


#11

Tert butyl alcohol
 Concen: 286.954 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

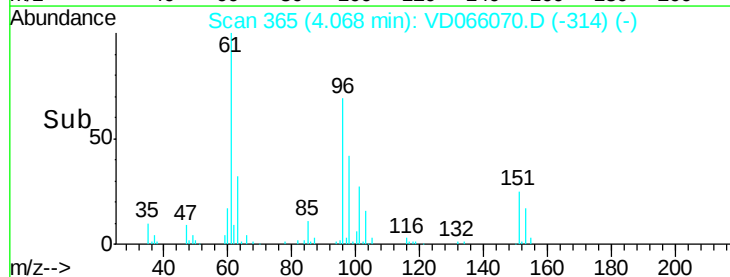
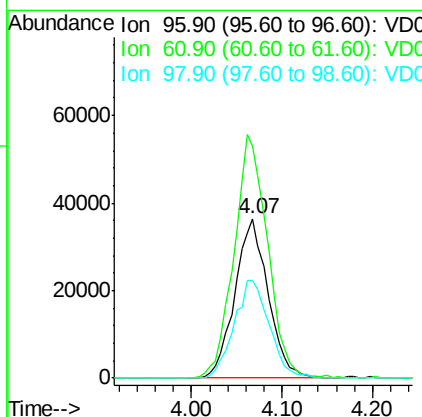
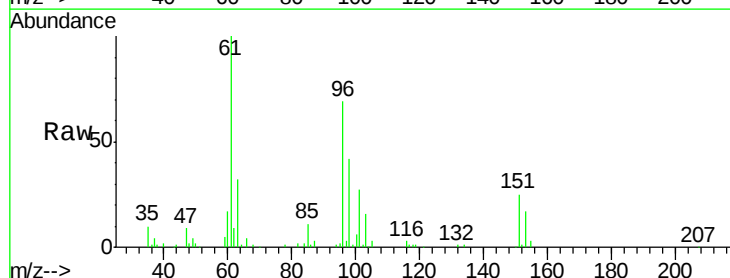
Tgt Ion: 59 Resp: 34783
 Ion Ratio Lower Upper
 59 100
 57 6.2 4.5 6.7

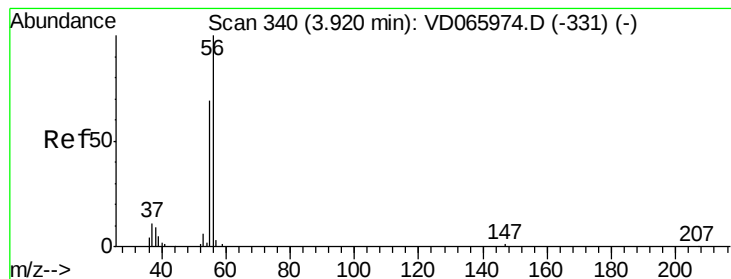


#12

1,1-Dichloroethene
 Concen: 46.898 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion: 96 Resp: 93116
 Ion Ratio Lower Upper
 96 100
 61 145.7 115.4 173.0
 98 61.5 51.5 77.3





#13

Acrolein

Concen: 225.501 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

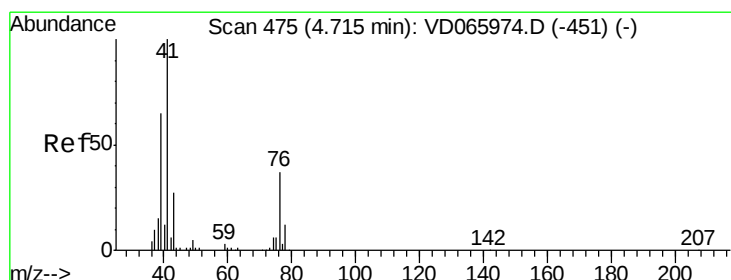
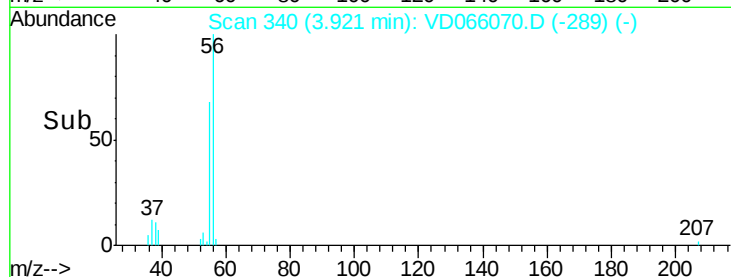
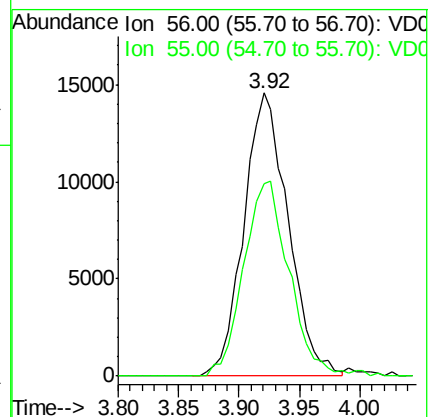
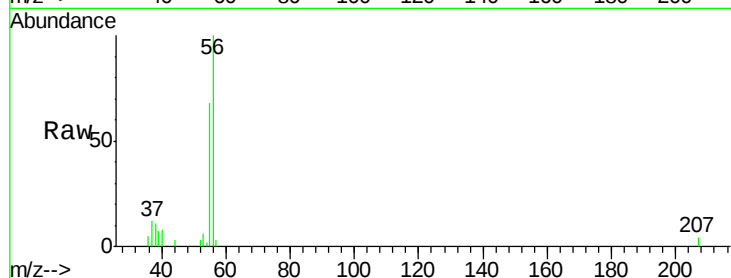
VSTDCCC050EC

Tgt Ion: 56 Resp: 37124

Ion Ratio Lower Upper

56 100

55 70.8 55.8 83.8



#14

Allyl chloride

Concen: 47.737 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

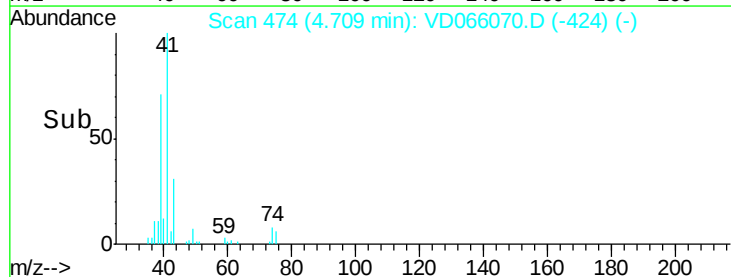
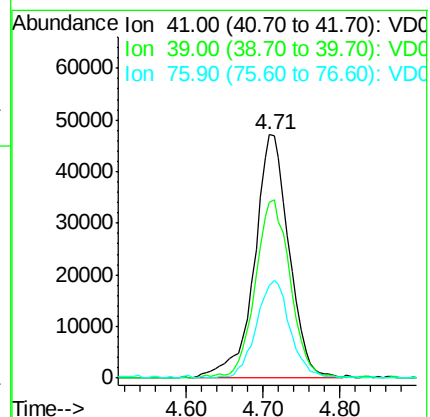
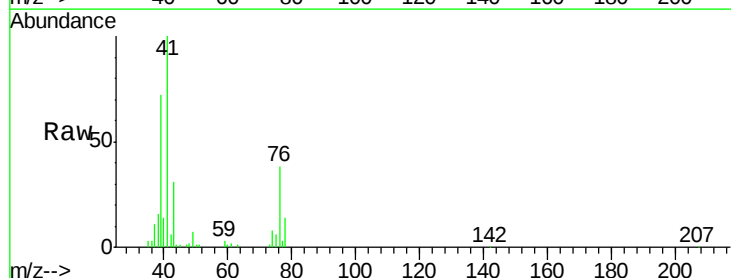
Tgt Ion: 41 Resp: 148160

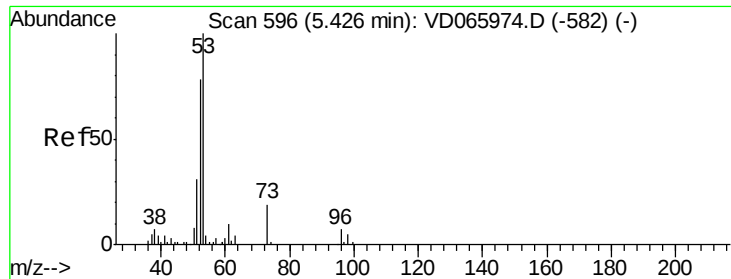
Ion Ratio Lower Upper

41 100

39 73.9 53.4 80.2

76 39.4 29.1 43.7





#15

Acrylonitrile

Concen: 268.422 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

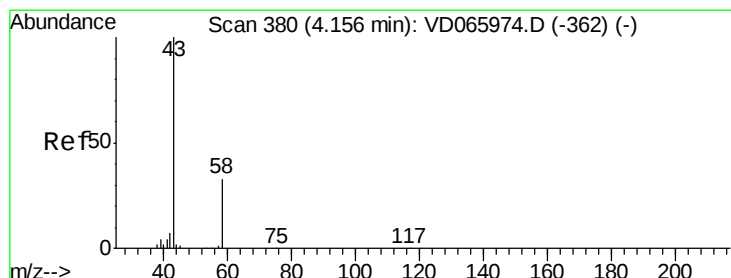
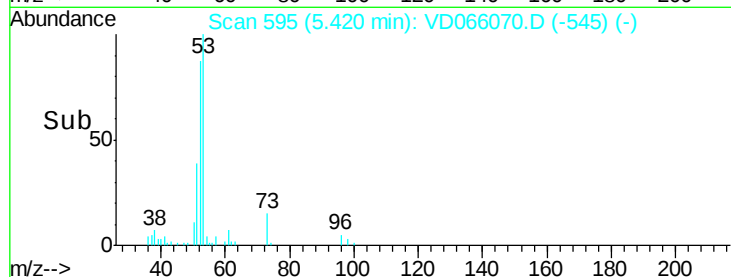
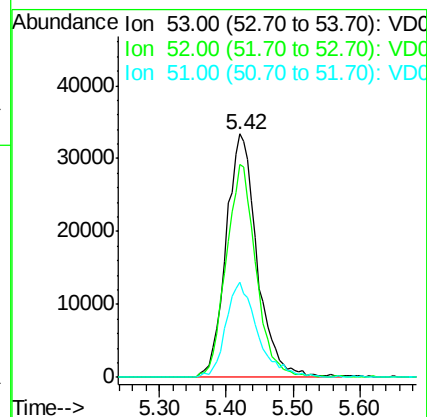
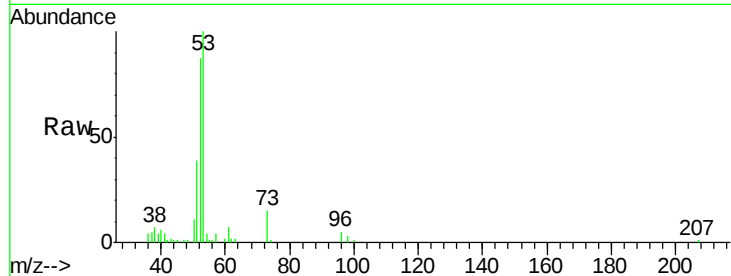
Tgt Ion: 53 Resp: 109194

Ion Ratio Lower Upper

53 100

52 83.9 67.1 100.7

51 39.8 28.7 43.1



#16

Acetone

Concen: 233.893 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066070.D

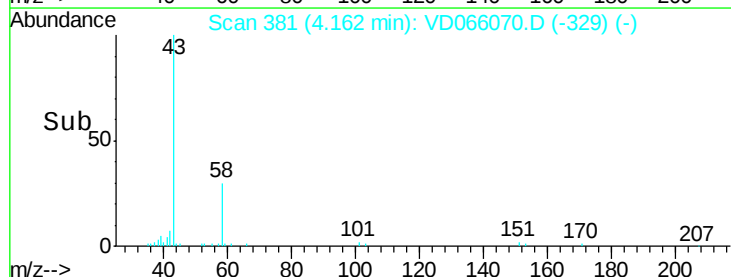
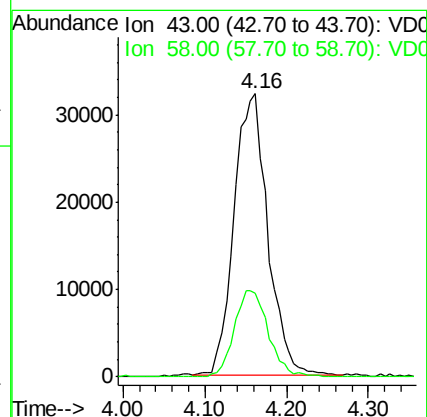
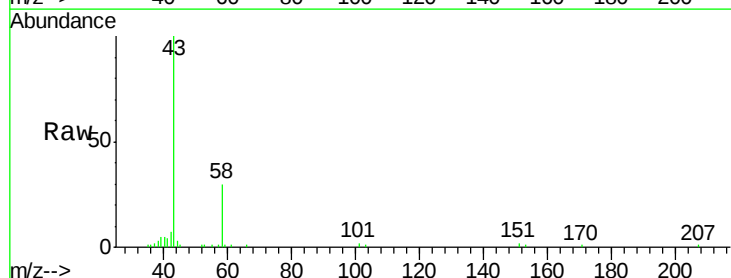
Acq: 27 Jul 2020 16:41

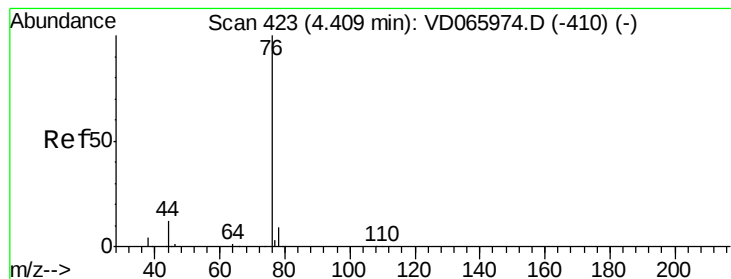
Tgt Ion: 43 Resp: 92509

Ion Ratio Lower Upper

43 100

58 29.7 26.3 39.5





#17

Carbon Disulfide

Concen: 43.899 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

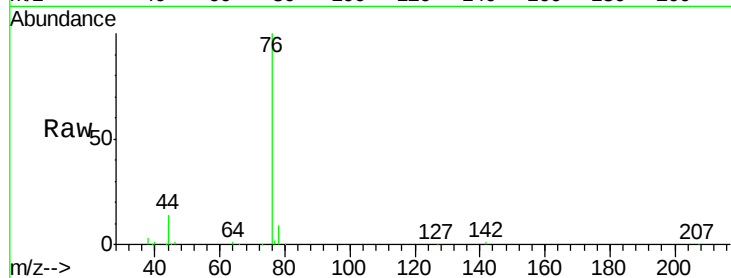
VSTDCCC050EC

Tgt Ion: 76 Resp: 282731

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

100000

80000

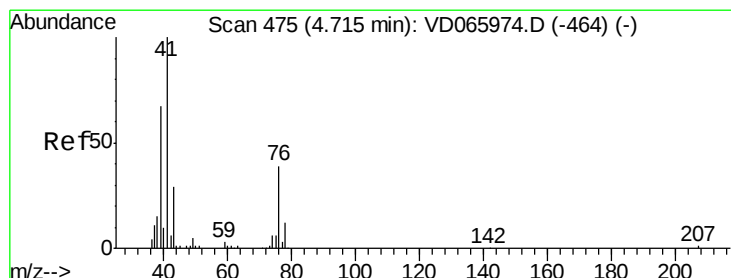
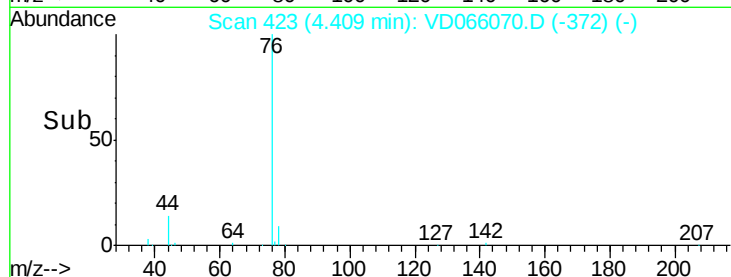
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 51.648 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066070.D

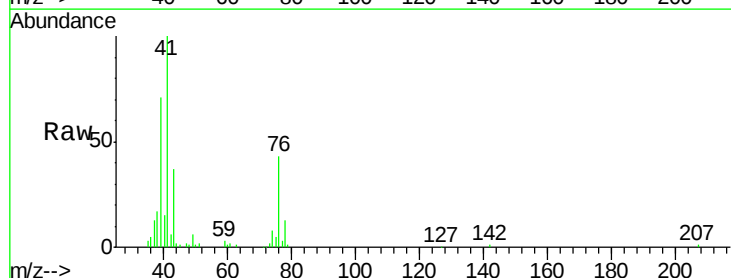
Acq: 27 Jul 2020 16:41

Tgt Ion: 43 Resp: 47521

Ion Ratio Lower Upper

43 100

74 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

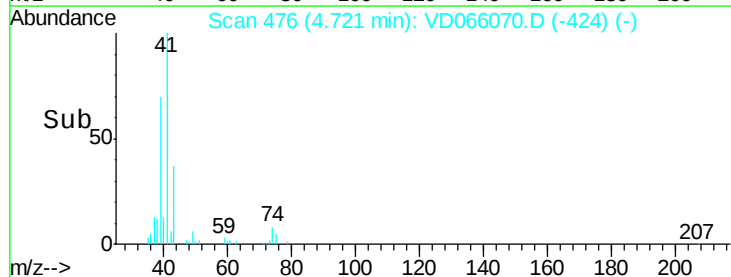
15000

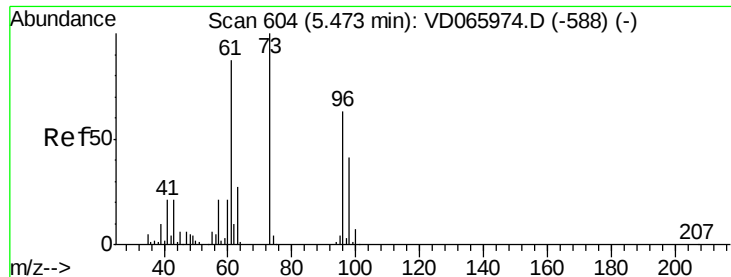
10000

5000

0

Time-->

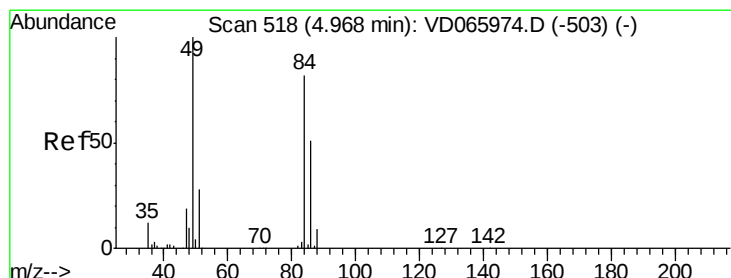
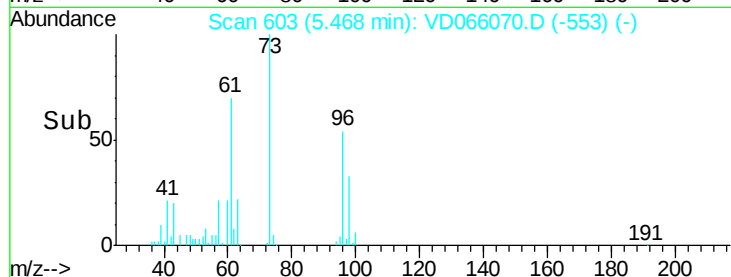
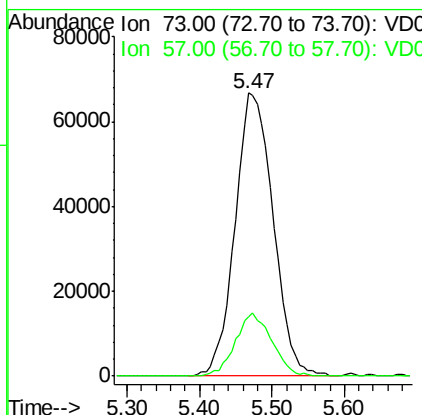
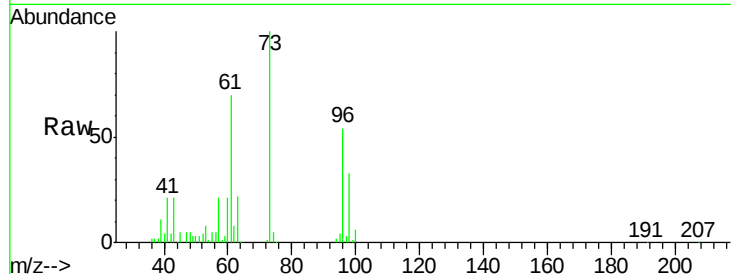




#19
Methyl tert-butyl Ether
Concen: 59.585 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

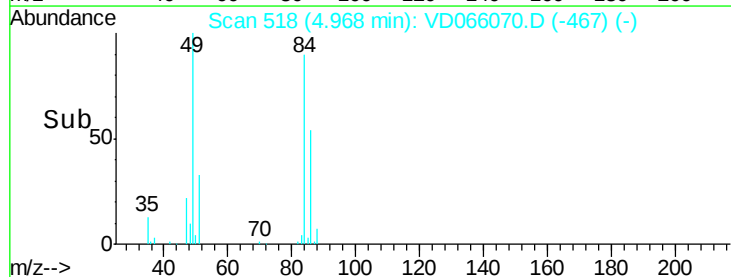
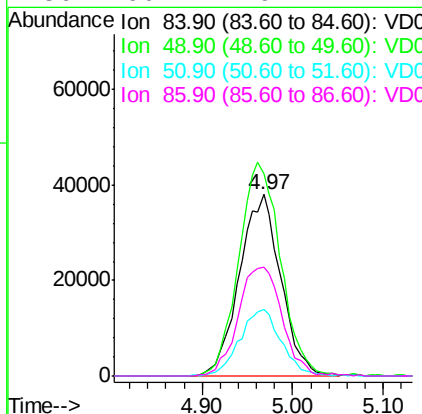
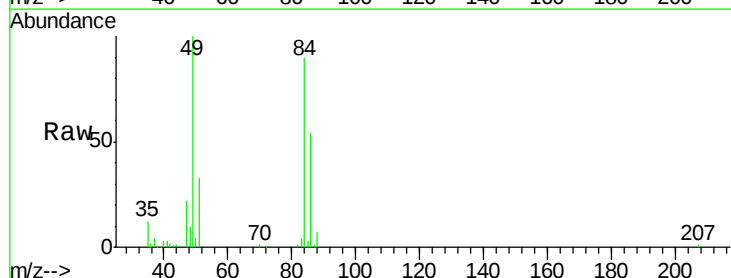
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

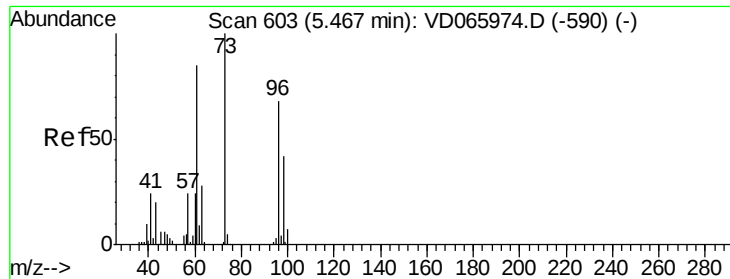
Tgt Ion: 73 Resp: 243073
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.4



#20
Methylene Chloride
Concen: 55.383 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion: 84 Resp: 120424
Ion Ratio Lower Upper
84 100
49 111.5 97.7 146.5
51 36.4 27.4 41.2
86 60.2 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 50.756 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

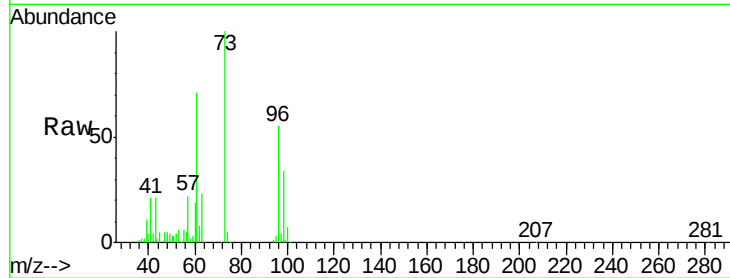
Tgt Ion: 96 Resp: 113898

Ion Ratio Lower Upper

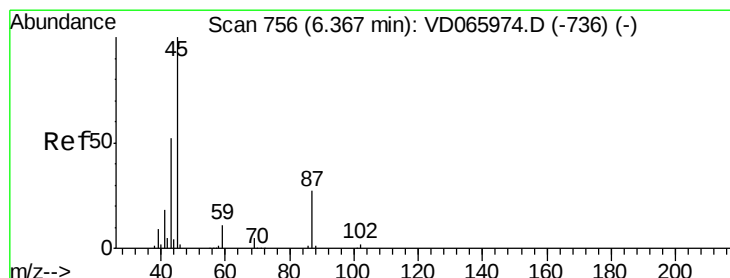
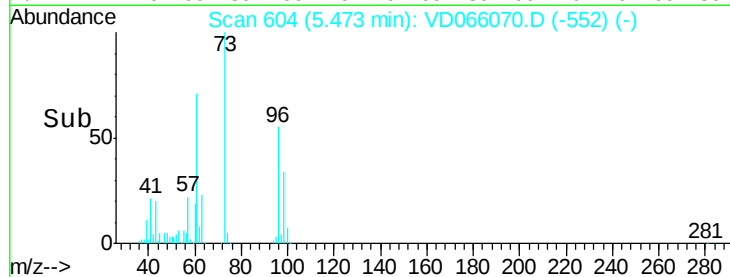
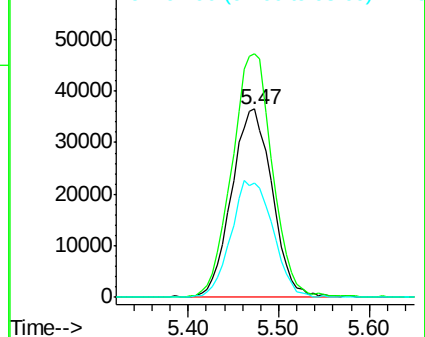
96 100

61 128.9 100.5 150.7

98 61.2 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 53.264 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Tgt Ion: 45 Resp: 314072

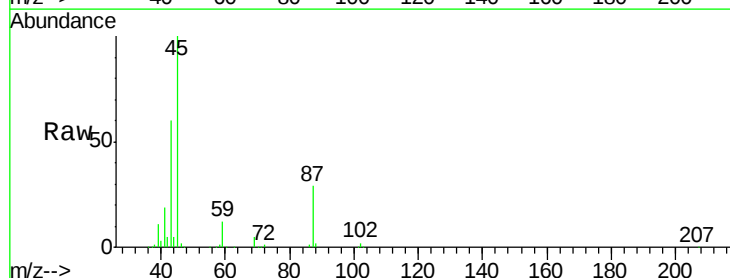
Ion Ratio Lower Upper

45 100

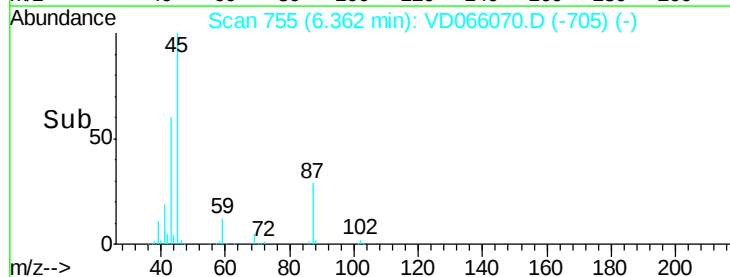
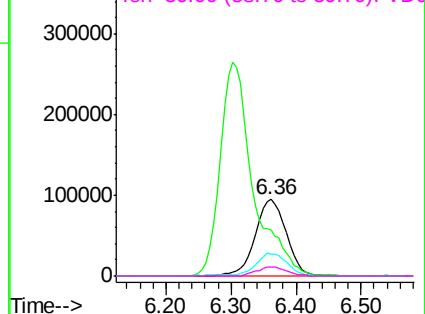
43 59.2 43.0 64.4

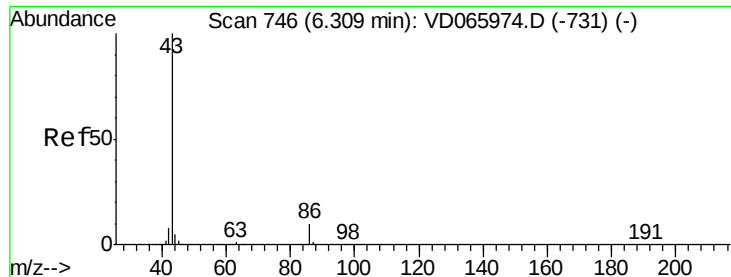
87 28.5 22.0 33.0

59 12.2 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 278.295 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

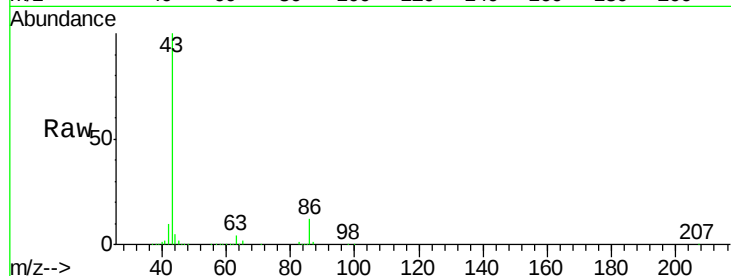
VSTDCCC050EC

Tgt Ion: 43 Resp: 925451

Ion Ratio Lower Upper

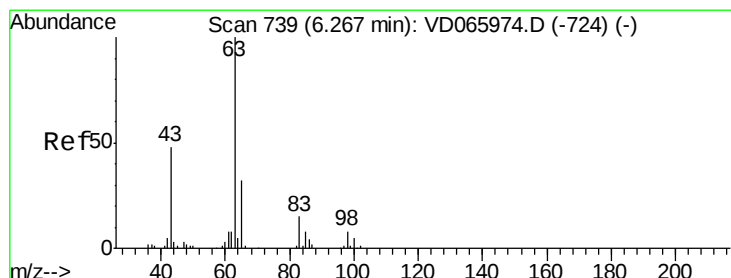
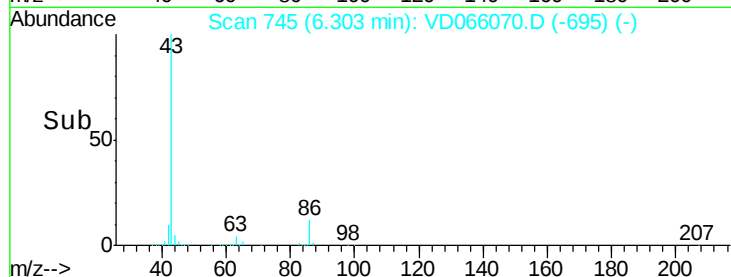
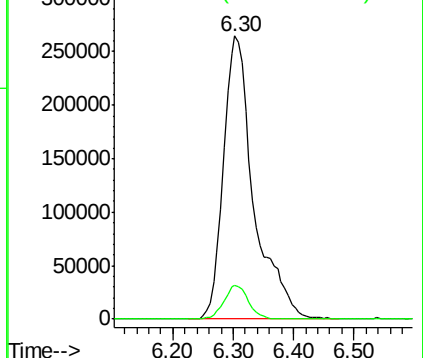
43 100

86 11.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.741 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

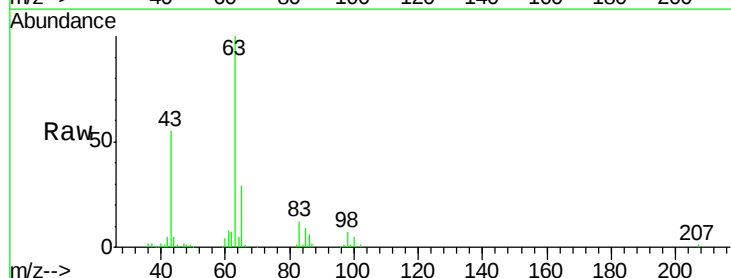
Tgt Ion: 63 Resp: 192004

Ion Ratio Lower Upper

63 100

98 7.1 4.3 12.8

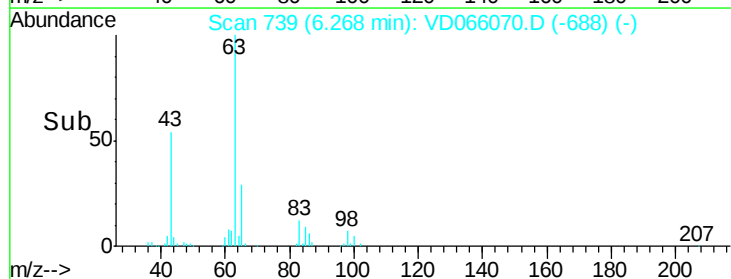
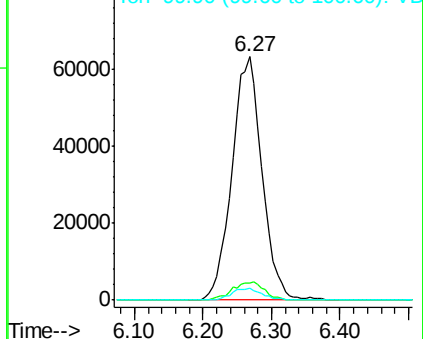
100 4.7 2.5 7.5

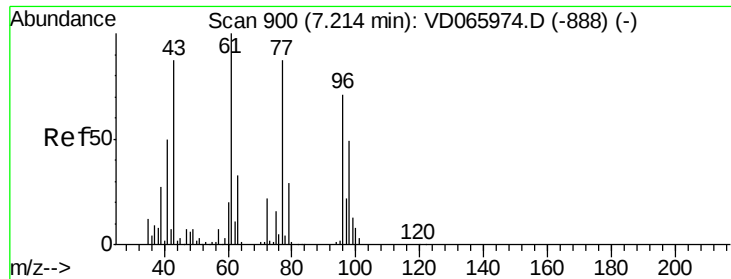


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

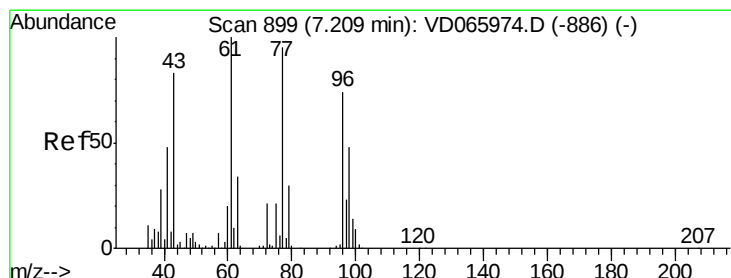
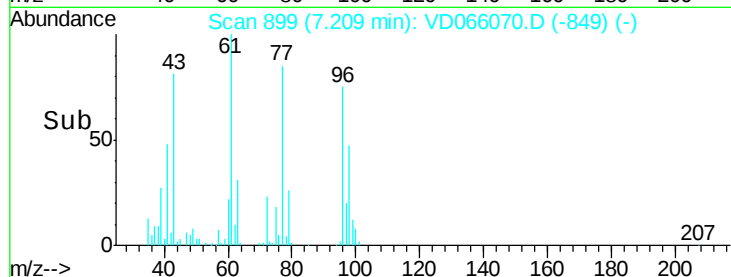
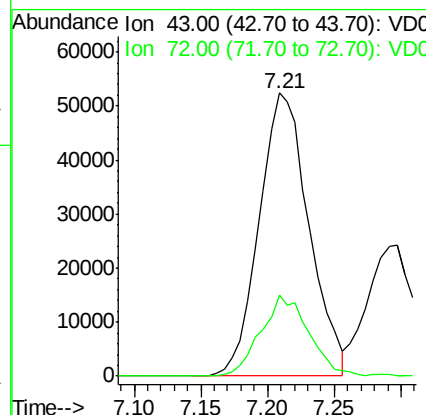
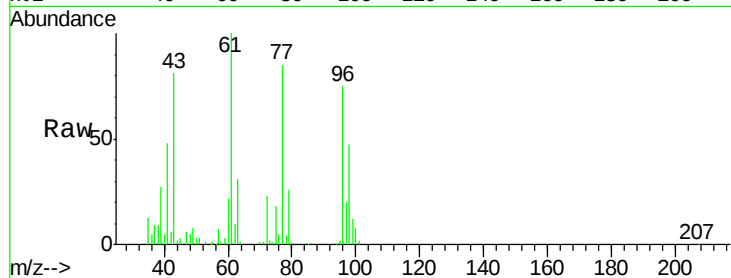




#25
 2-Butanone
 Concen: 257.843 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

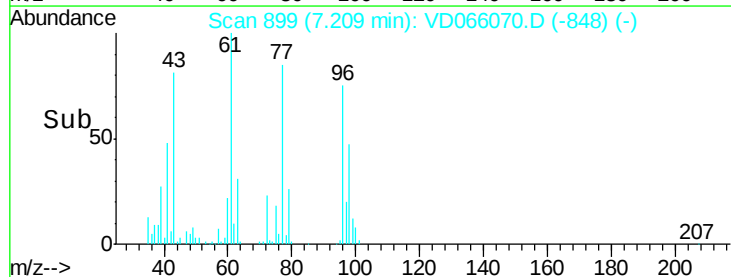
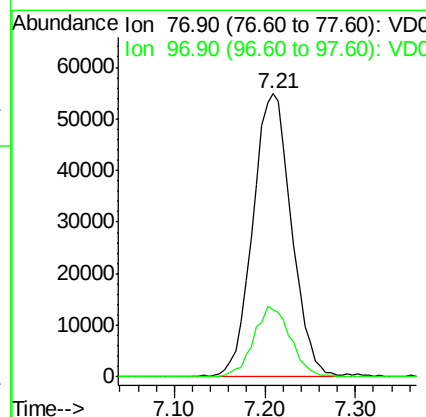
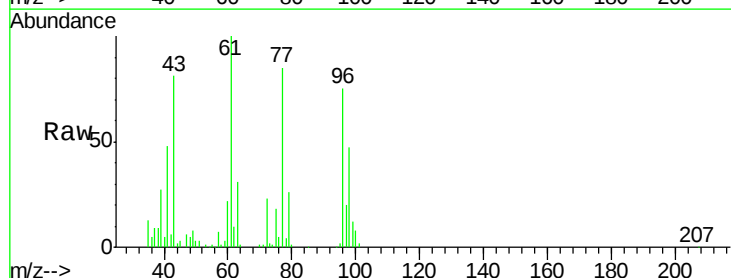
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

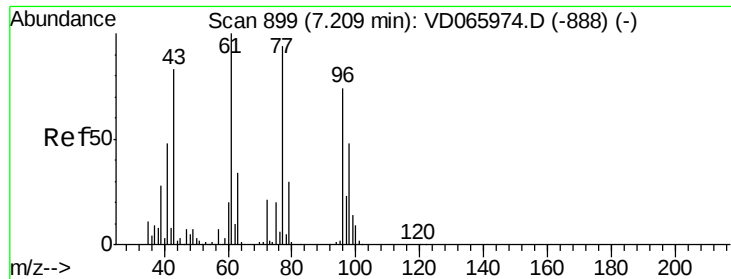
Tgt Ion: 43 Resp: 135321
 Ion Ratio Lower Upper
 43 100
 72 28.5 20.2 30.2



#26
 2,2-Dichloropropane
 Concen: 50.630 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion: 77 Resp: 162665
 Ion Ratio Lower Upper
 77 100
 97 23.6 11.6 34.7



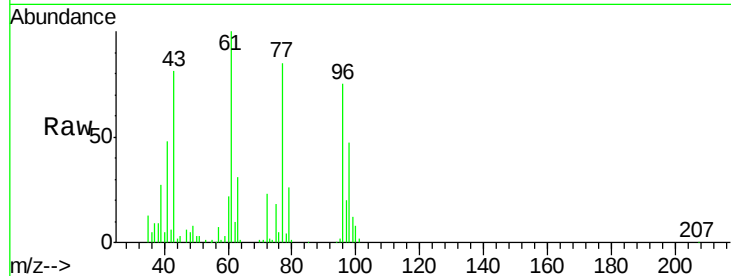


#27

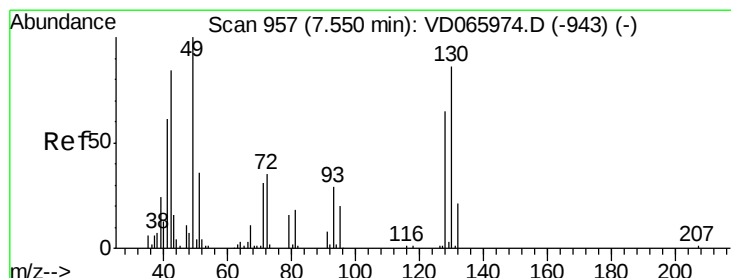
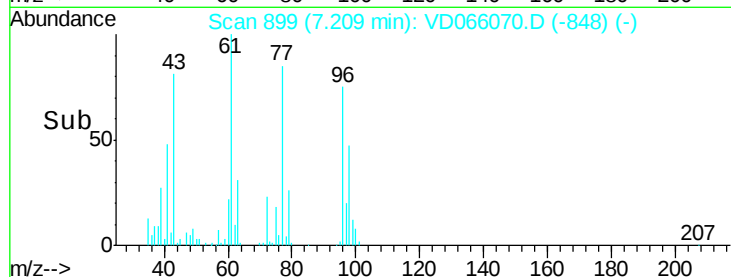
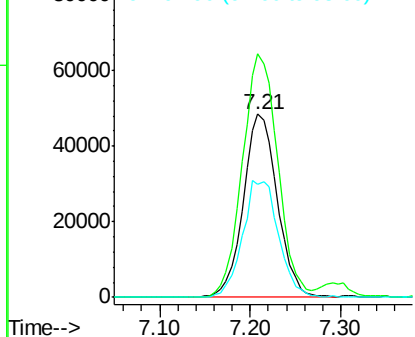
cis-1,2-Dichloroethene
Concen: 53.001 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 125928
Ion Ratio Lower Upper
96 100
61 138.6 0.0 276.6
98 67.1 0.0 130.8



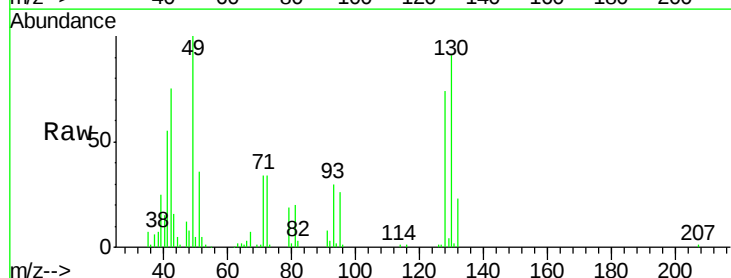
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



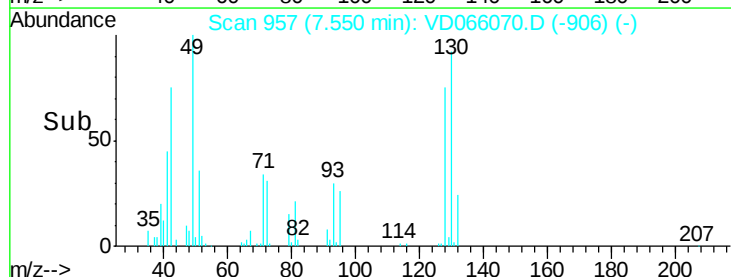
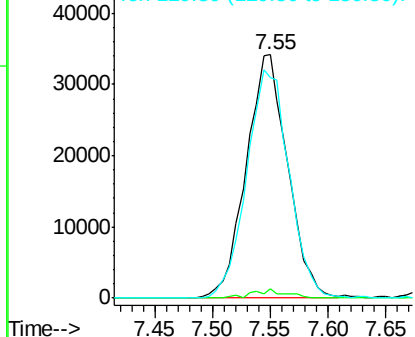
#28

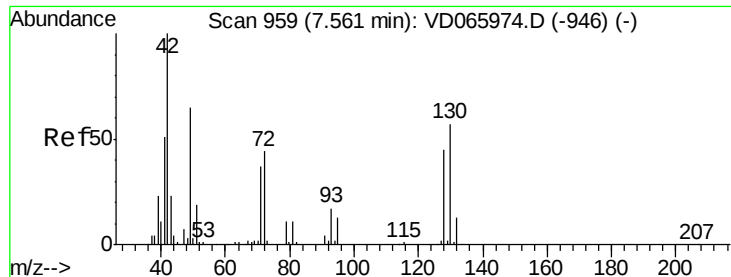
Bromochloromethane
Concen: 56.381 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion: 49 Resp: 85495
Ion Ratio Lower Upper
49 100
129 2.9 0.0 4.8
130 96.0 68.4 102.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

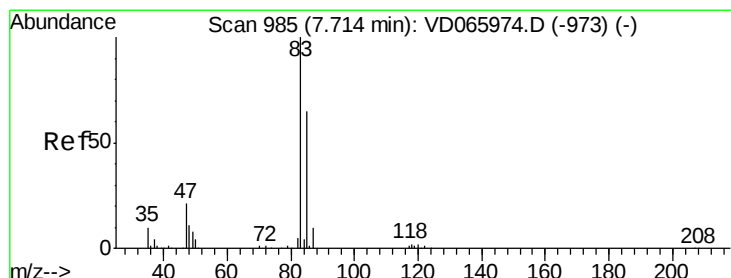
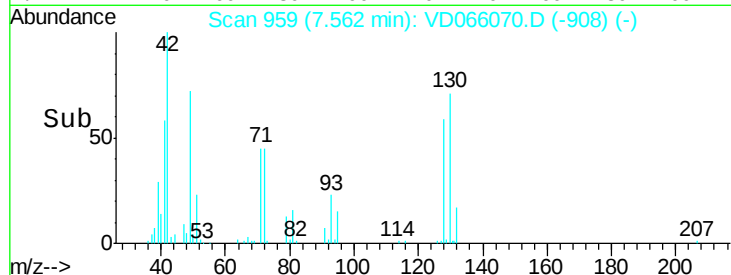
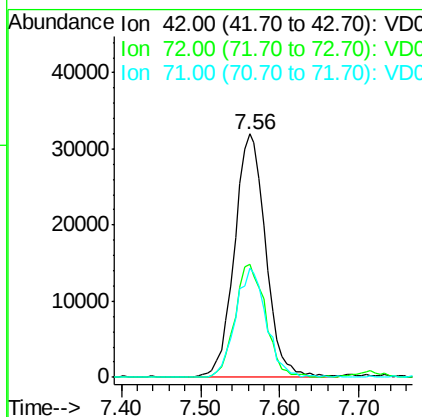
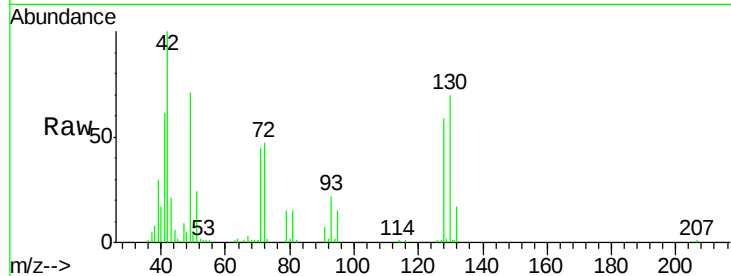




#29
Tetrahydrofuran
Concen: 269.814 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

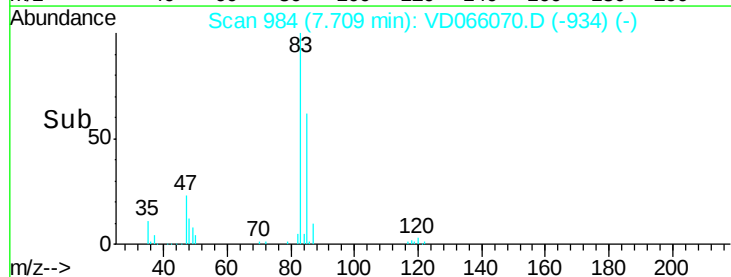
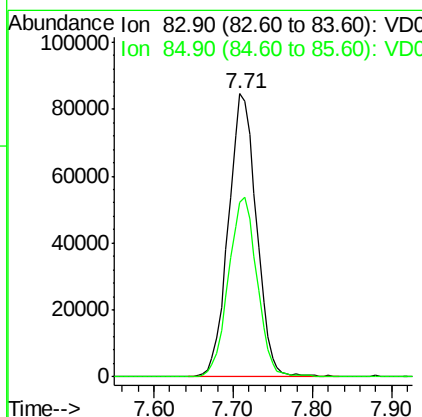
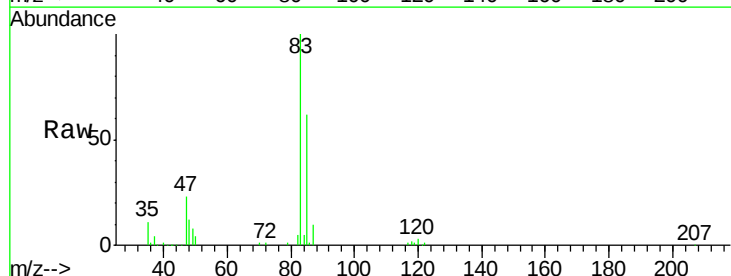
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

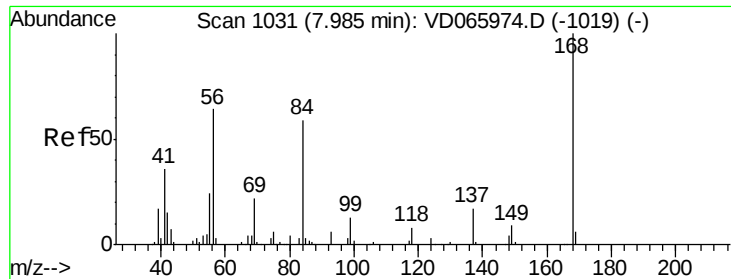
Tgt Ion: 42 Resp: 87370
Ion Ratio Lower Upper
42 100
72 45.2 34.2 51.2
71 43.9 31.4 47.2



#30
Chloroform
Concen: 55.472 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion: 83 Resp: 207310
Ion Ratio Lower Upper
83 100
85 61.8 52.1 78.1

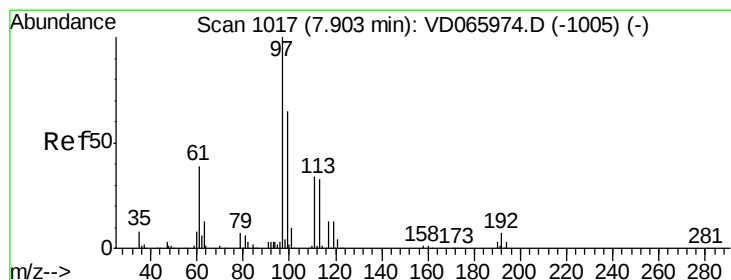
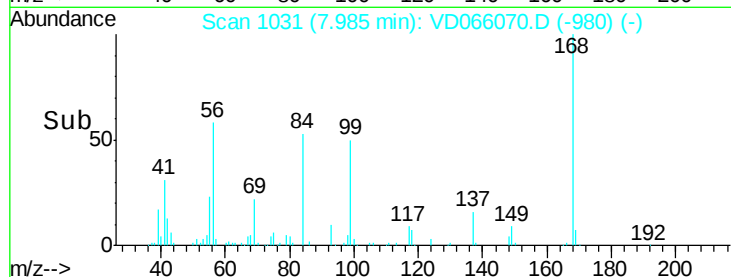
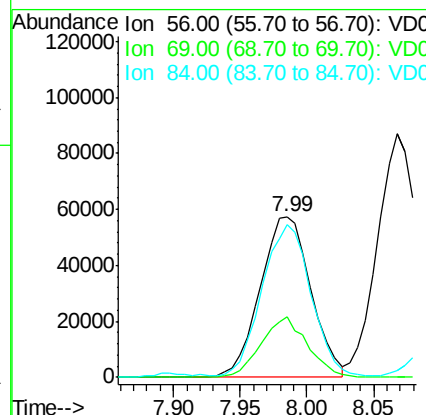
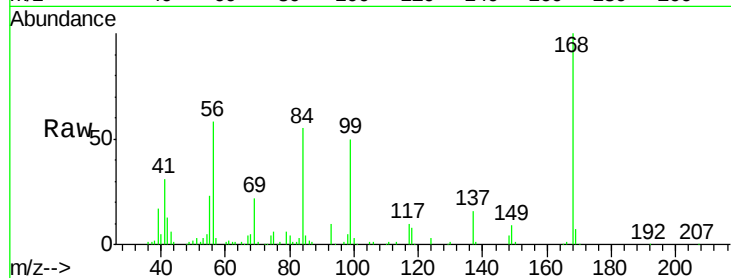




#31
Cyclohexane
Concen: 42.923 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

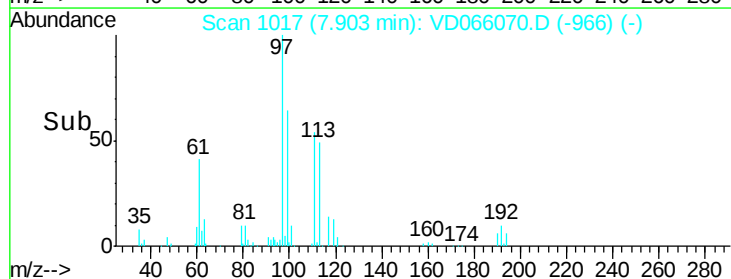
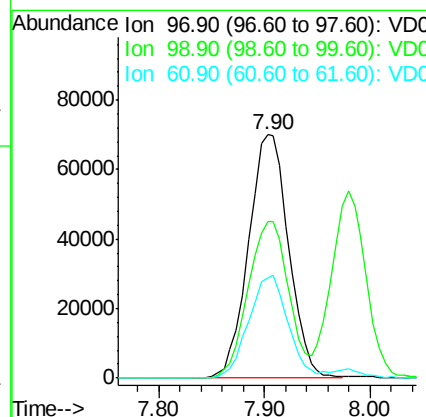
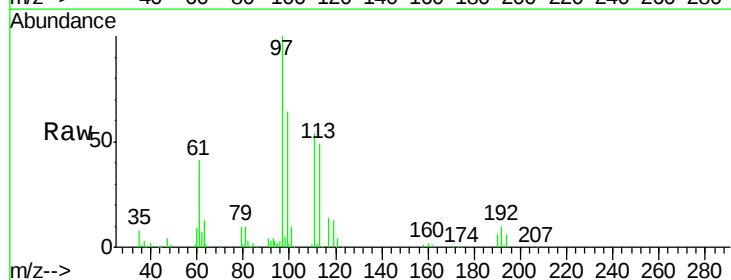
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

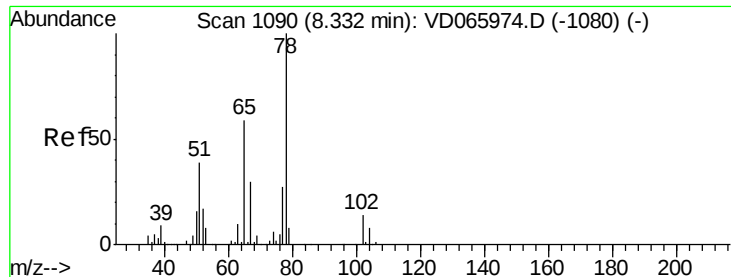
Tgt Ion: 56 Resp: 150869
Ion Ratio Lower Upper
56 100
69 37.4 28.0 42.0
84 93.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 53.426 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion: 97 Resp: 184689
Ion Ratio Lower Upper
97 100
99 65.7 51.8 77.6
61 41.1 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 60.670 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

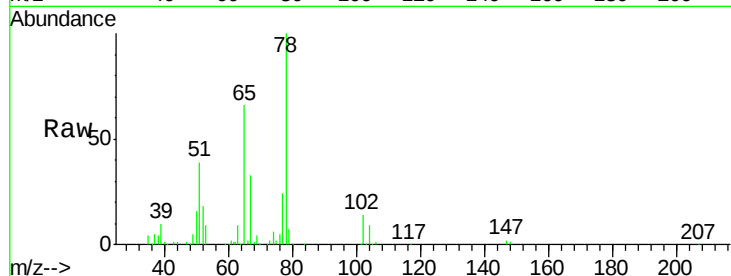
VSTDCCC050EC

Tgt Ion: 65 Resp: 118549

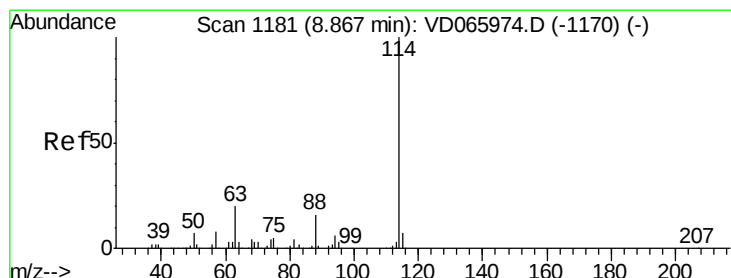
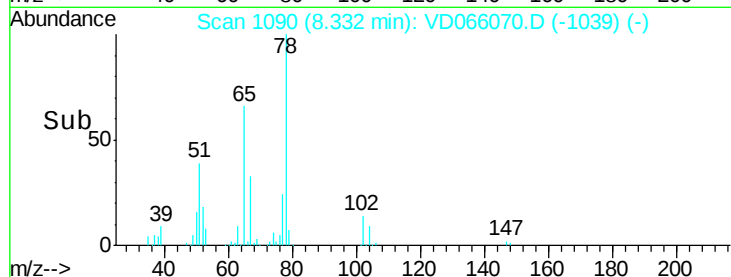
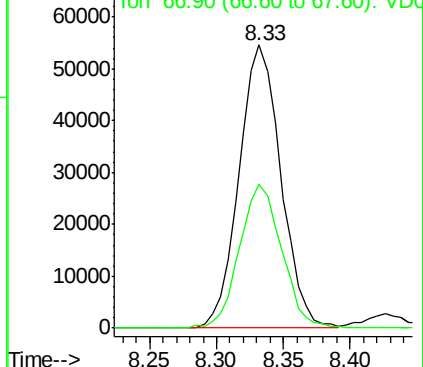
Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VD066070.D (-1039) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

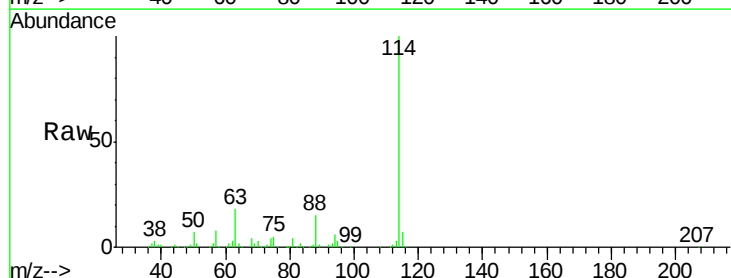
Tgt Ion: 114 Resp: 357574

Ion Ratio Lower Upper

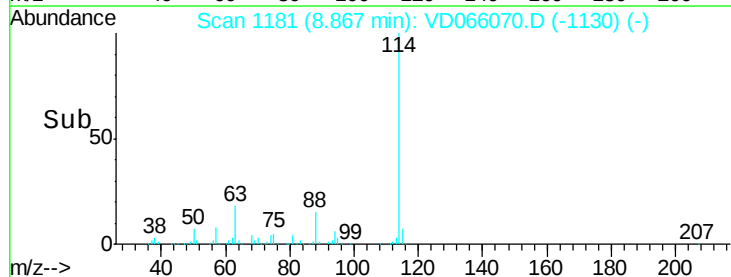
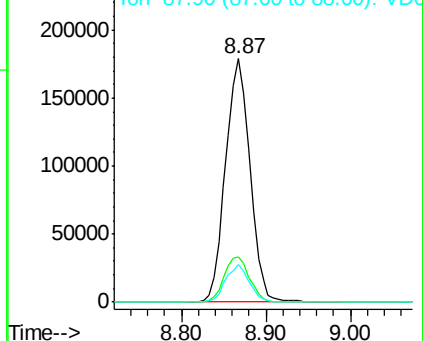
114 100

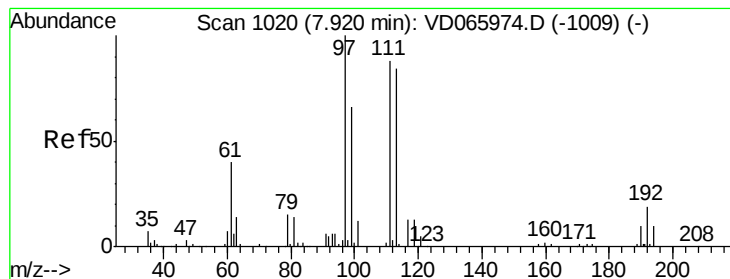
63 18.5 0.0 39.6

88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VD066070.D (-1130) (-)





#35

Dibromofluoromethane

Concen: 56.844 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

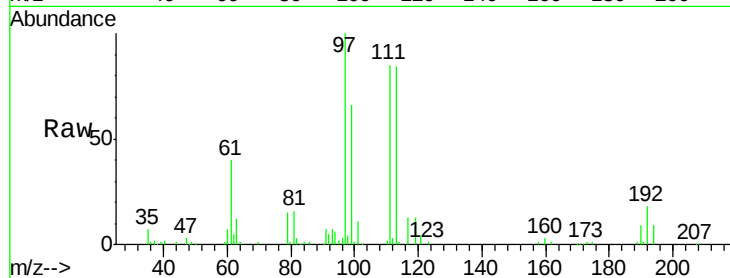
Tgt Ion: 113 Resp: 123284

Ion Ratio Lower Upper

113 100

111 100.5 83.2 124.8

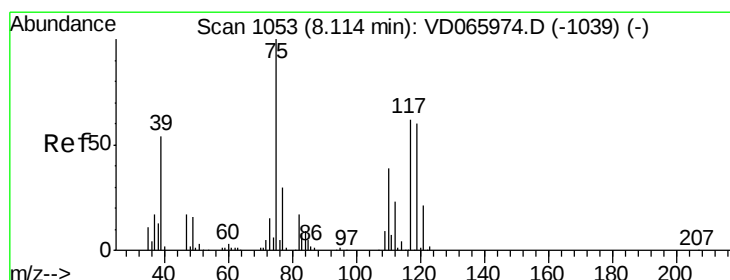
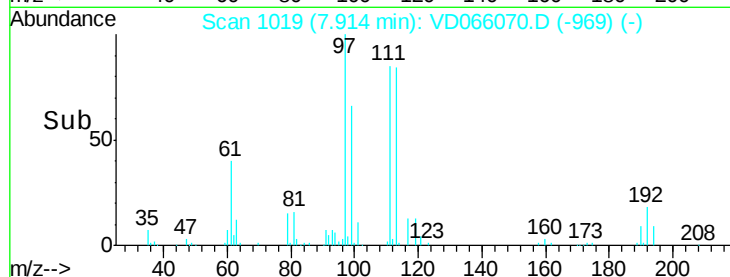
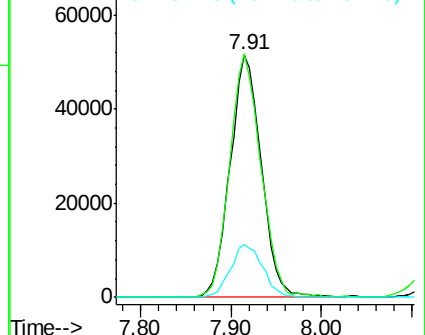
192 22.3 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.605 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

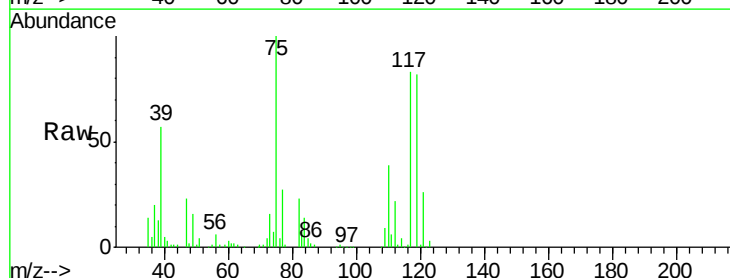
Tgt Ion: 75 Resp: 148328

Ion Ratio Lower Upper

75 100

110 38.7 19.5 58.5

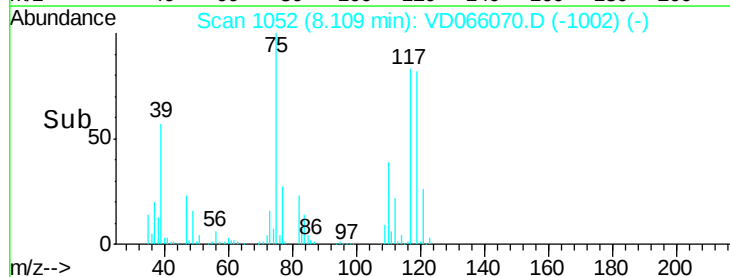
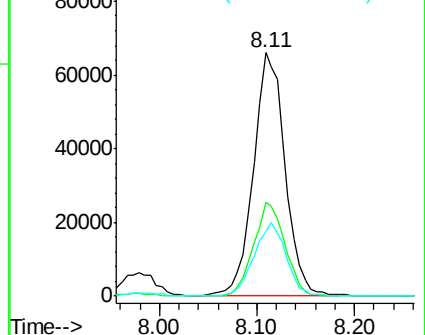
77 30.9 24.7 37.1

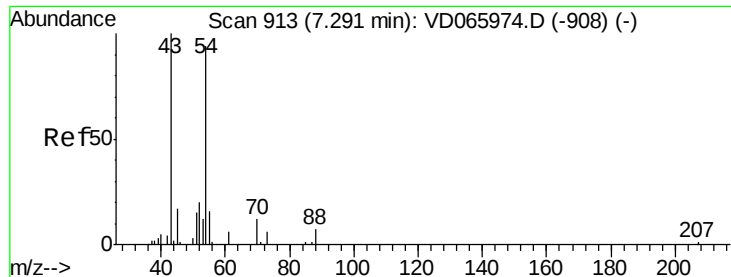


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

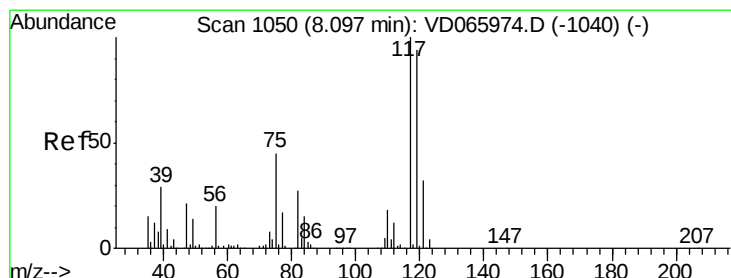
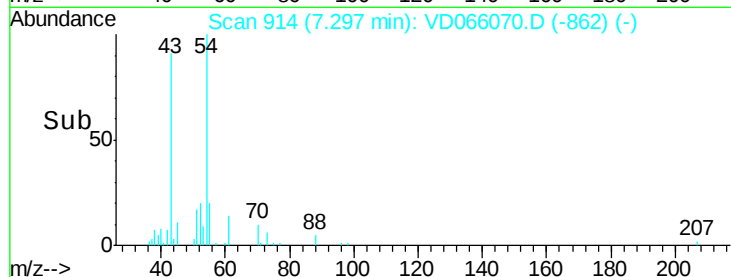
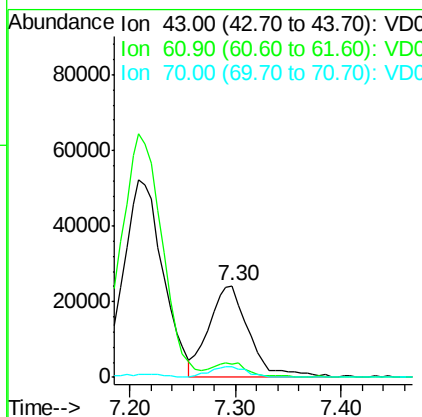
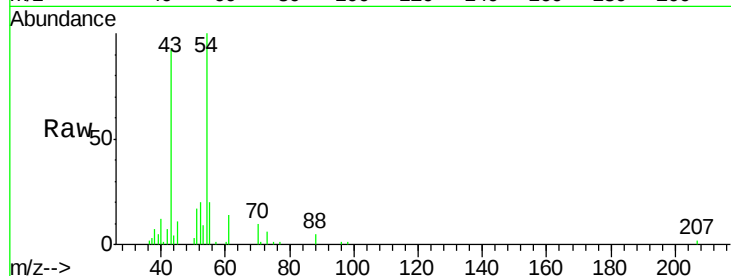




#37
Ethyl Acetate
Concen: 53.838 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

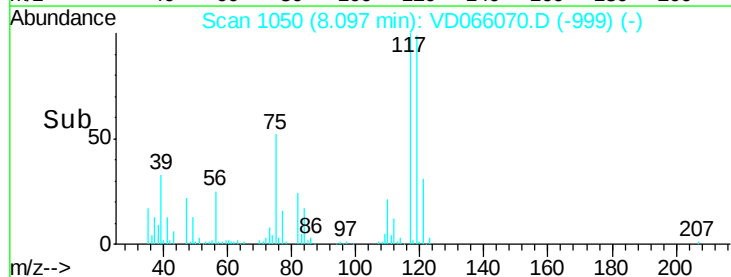
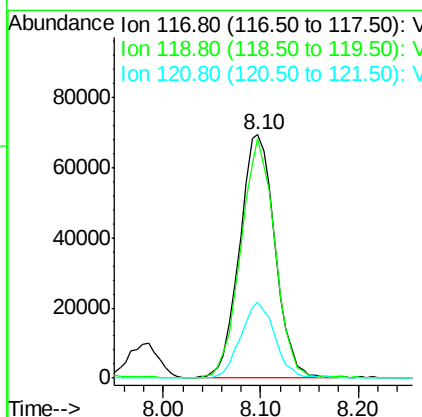
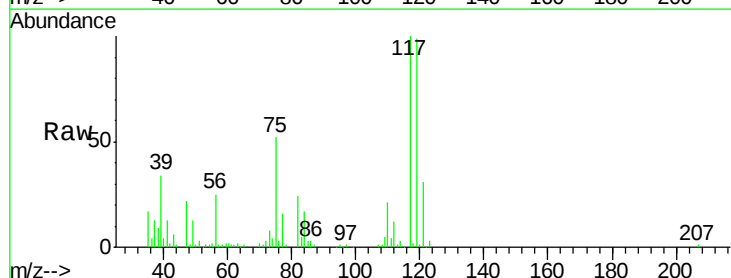
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

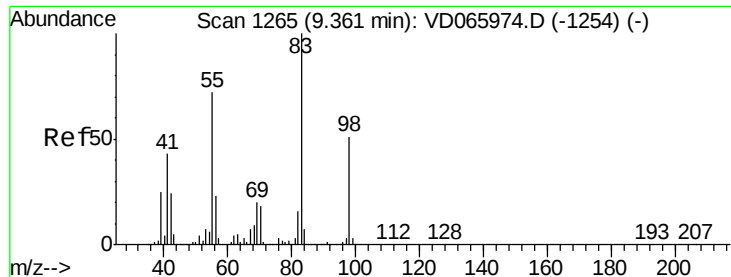
Tgt Ion: 43 Resp: 62746
Ion Ratio Lower Upper
43 100
61 15.3 11.4 17.0
70 10.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 52.505 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion: 117 Resp: 173856
Ion Ratio Lower Upper
117 100
119 99.0 75.0 112.6
121 31.5 25.5 38.3

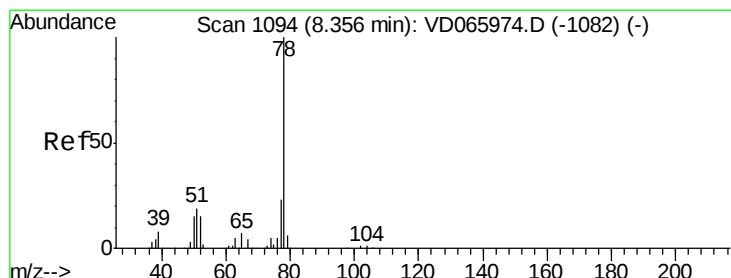
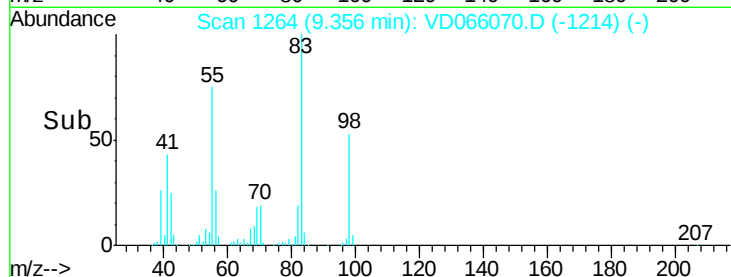
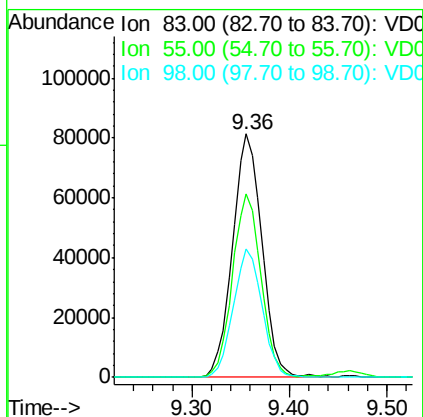
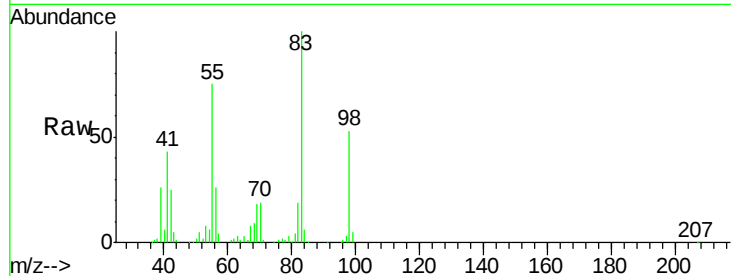




#39
Methylcyclohexane
Concen: 46.145 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

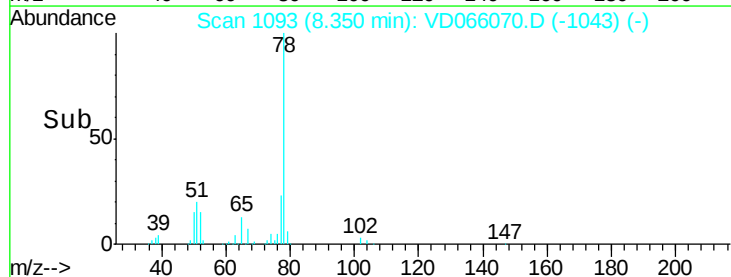
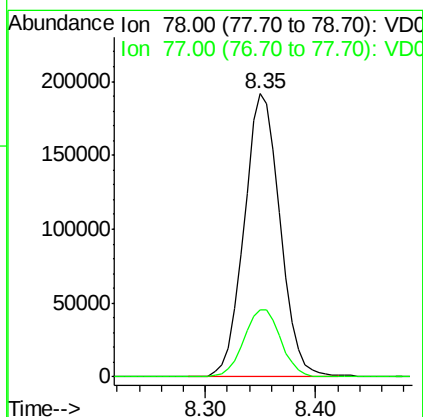
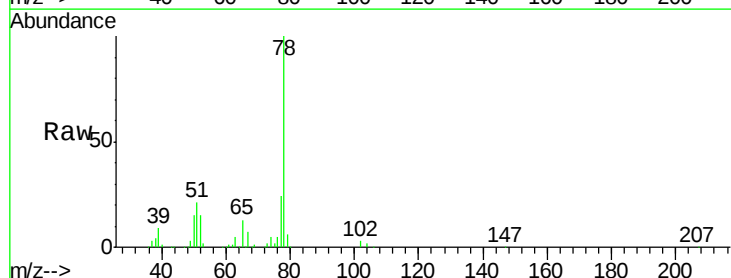
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

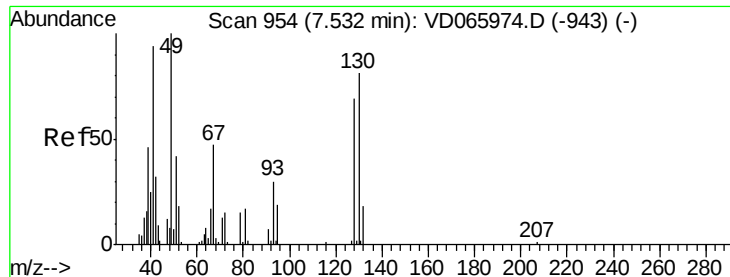
Tgt Ion: 83 Resp: 170535
Ion Ratio Lower Upper
83 100
55 75.4 57.3 85.9
98 52.7 41.0 61.6



#40
Benzene
Concen: 51.369 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion: 78 Resp: 438572
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41

Methacrylonitrile

Concen: 56.836 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 37946

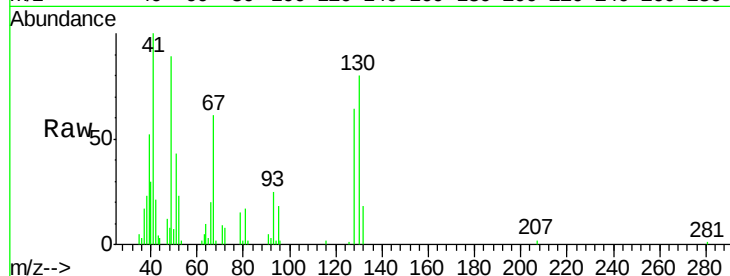
Ion Ratio Lower Upper

41 100

39 62.9 0.0 0.0#

67 70.4 0.0 0.0#

52 31.2 0.0 0.0#

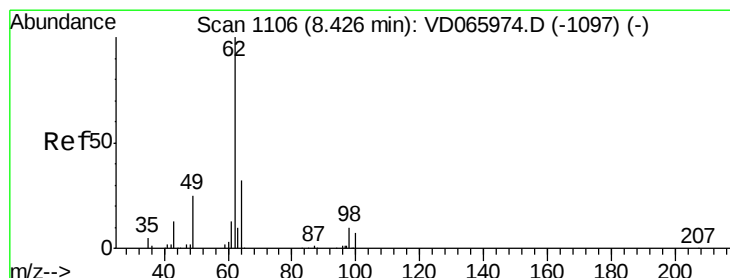
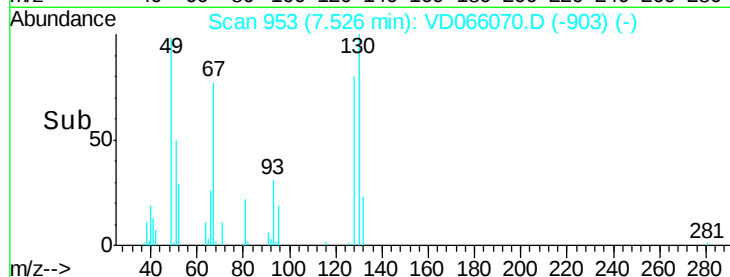
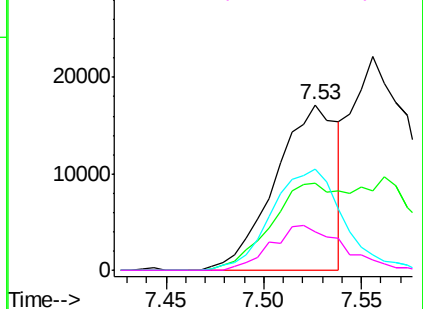


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 59.290 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD066070.D

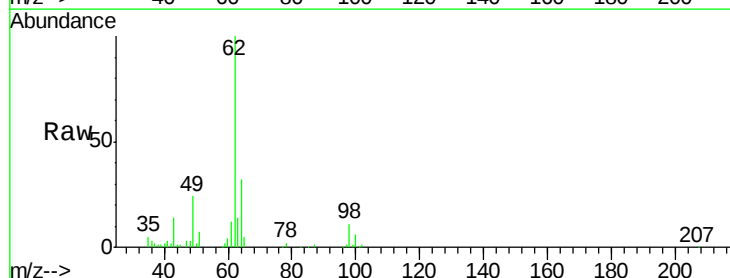
Acq: 27 Jul 2020 16:41

Tgt Ion: 62 Resp: 138710

Ion Ratio Lower Upper

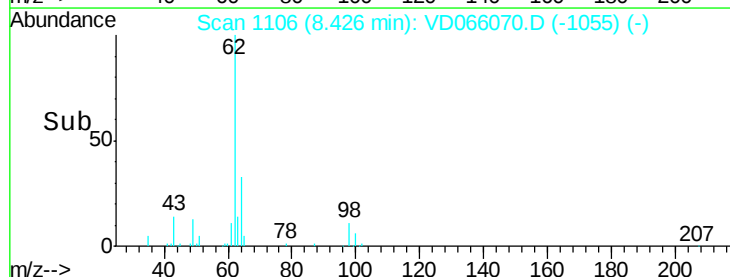
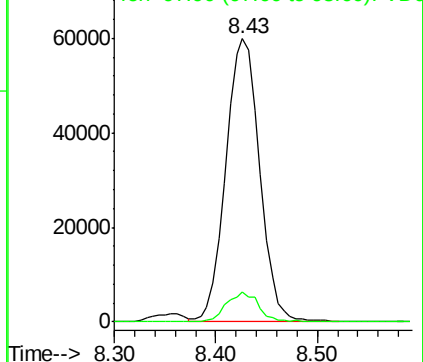
62 100

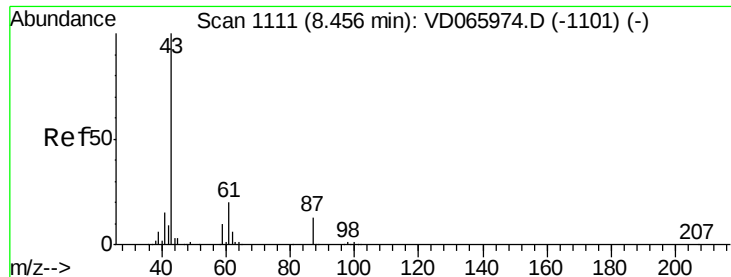
98 10.0 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 53.851 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

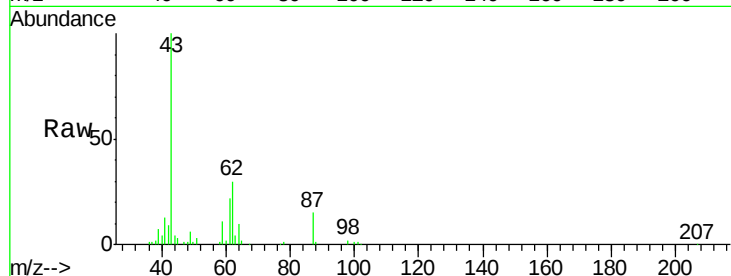
Tgt Ion: 43 Resp: 122580

Ion Ratio Lower Upper

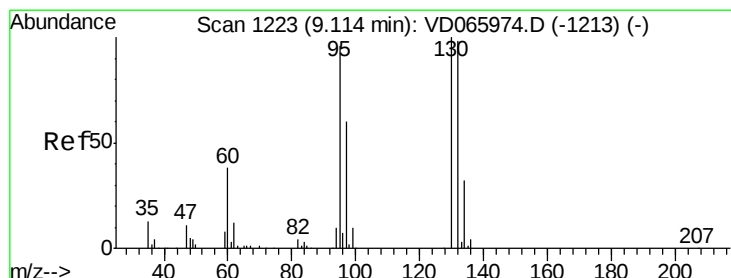
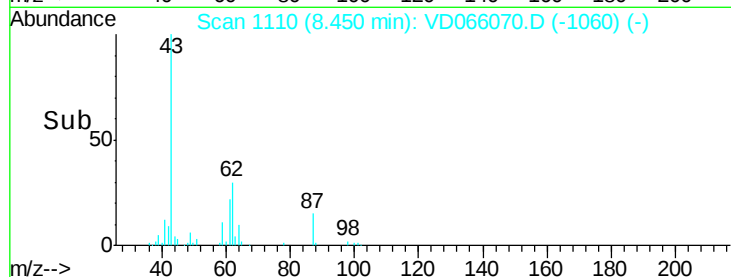
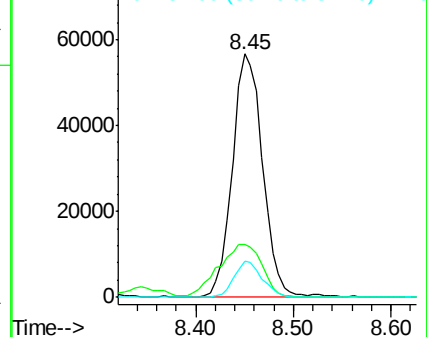
43 100

61 31.5 25.8 38.8

87 13.9 10.9 16.3



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



#44

Trichloroethene

Concen: 51.544 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD066070.D

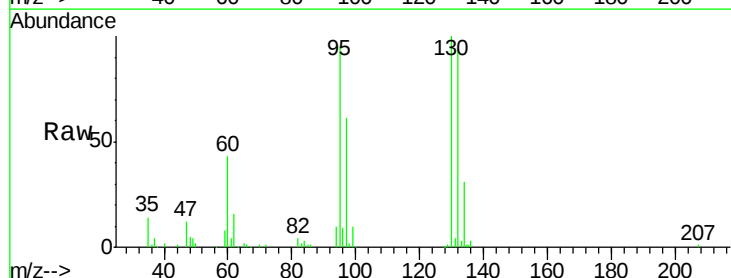
Acq: 27 Jul 2020 16:41

Tgt Ion: 130 Resp: 133170

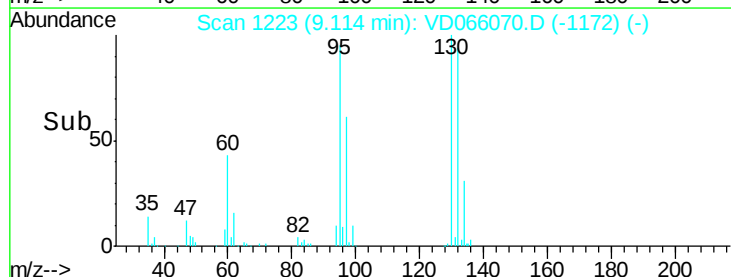
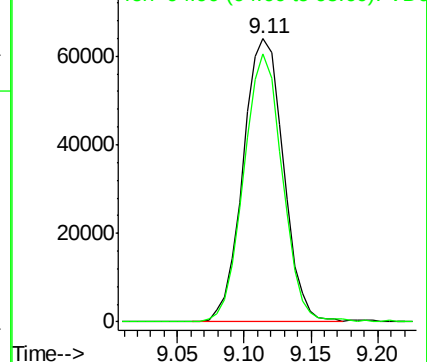
Ion Ratio Lower Upper

130 100

95 94.7 0.0 191.6



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

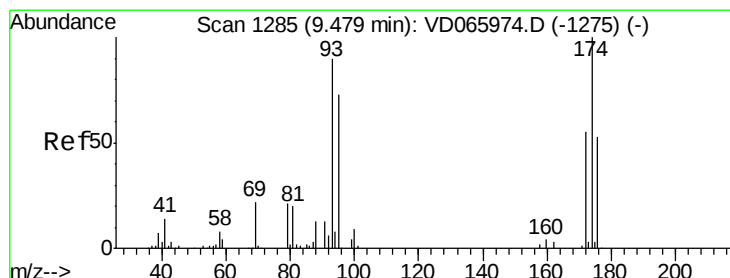
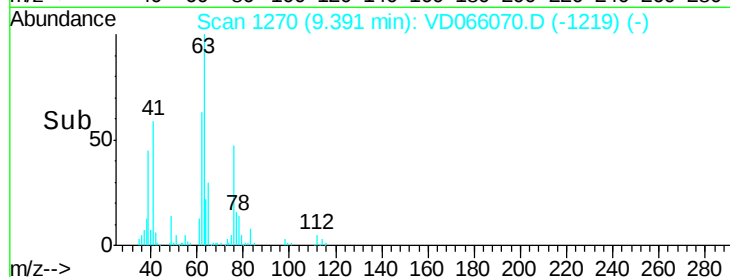
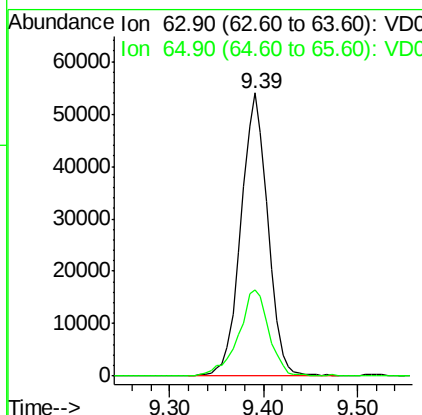
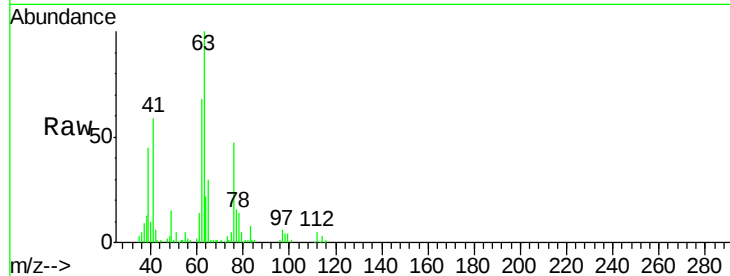




#45
 1,2-Dichloropropane
 Concen: 51.765 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

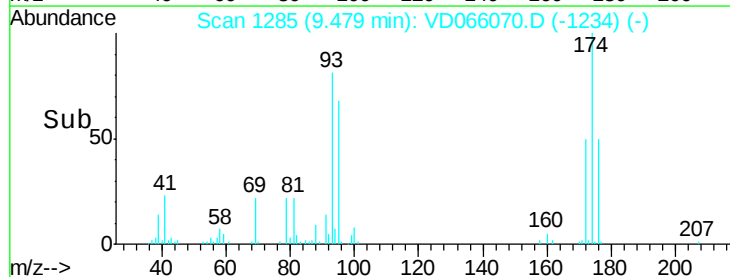
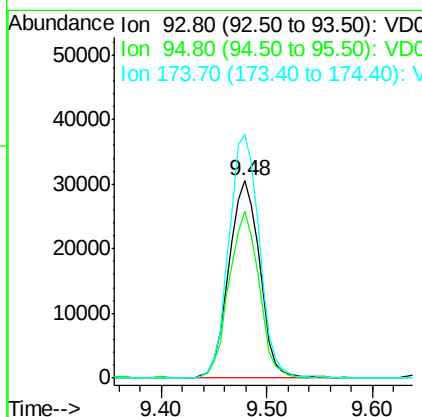
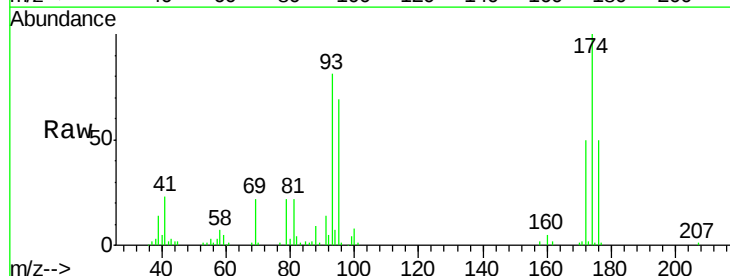
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

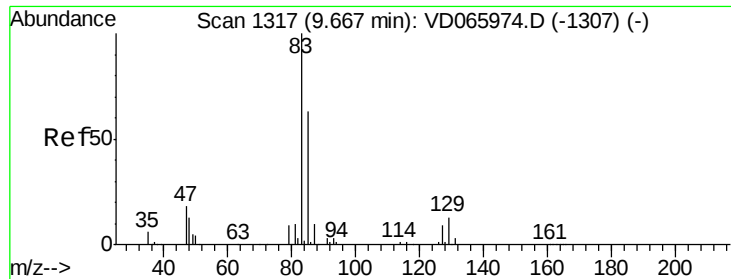
Tgt Ion: 63 Resp: 107038
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.0 36.0



#46
 Dibromomethane
 Concen: 55.226 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion: 93 Resp: 61474
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.4
 174 121.5 91.5 137.3

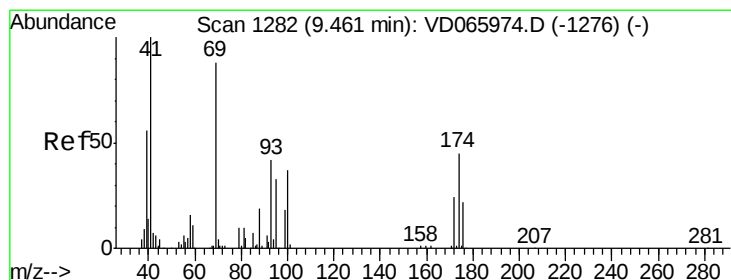
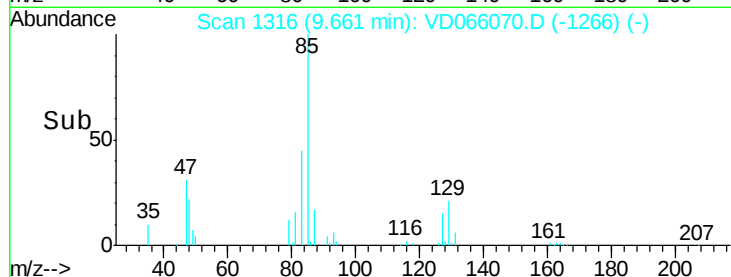
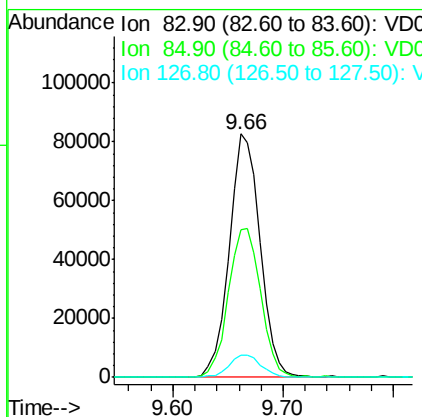
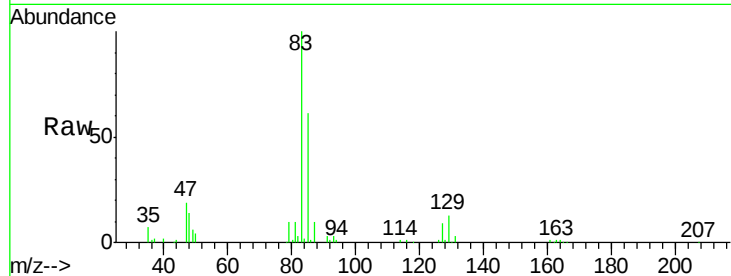




#47
Bromodichloromethane
Concen: 55.175 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

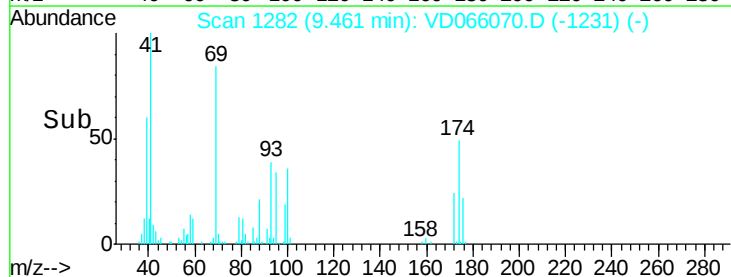
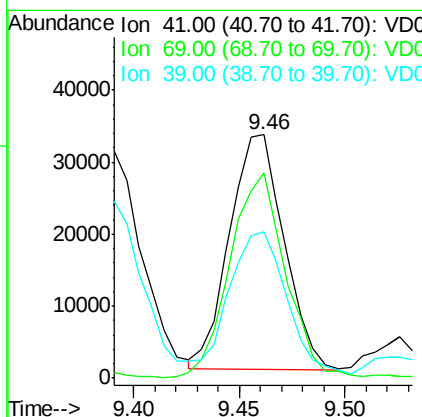
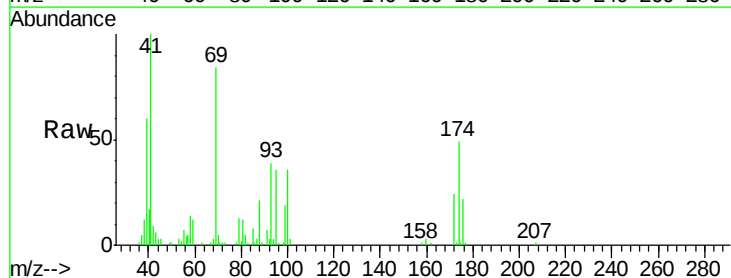
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

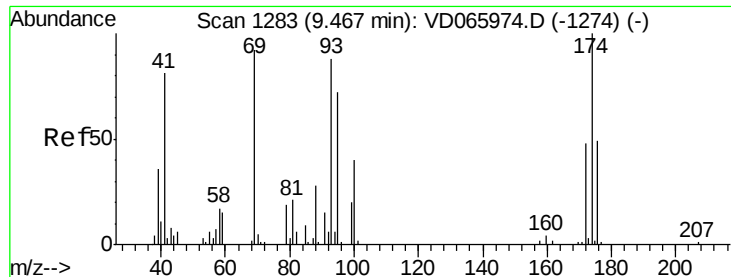
Tgt Ion: 83 Resp: 162393
Ion Ratio Lower Upper
83 100
85 60.8 50.6 75.8
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 50.819 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion: 41 Resp: 58351
Ion Ratio Lower Upper
41 100
69 89.2 65.1 97.7
39 68.1 41.5 62.3#





#49

1,4-Dioxane

Concen: 1075.735 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

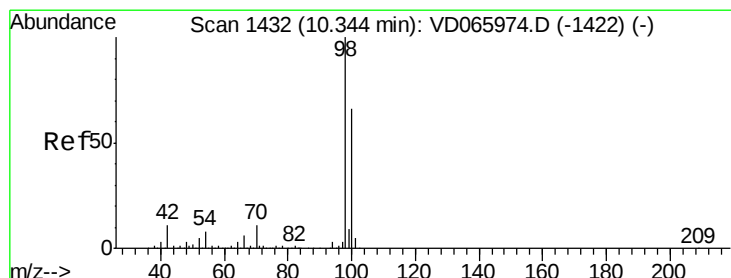
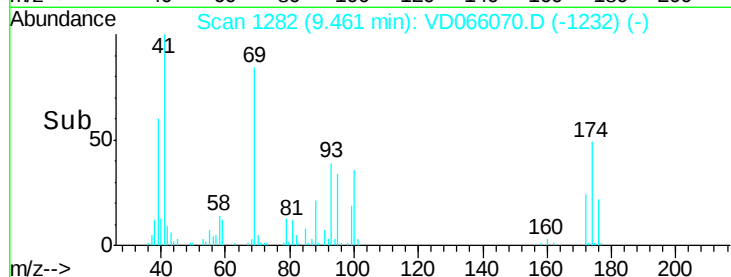
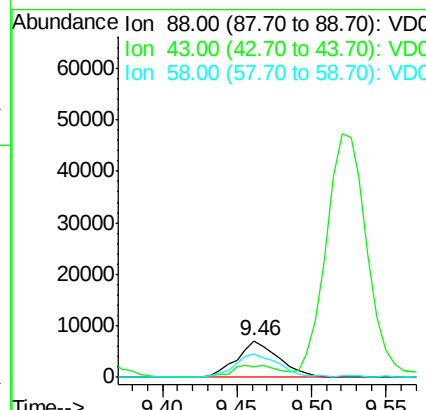
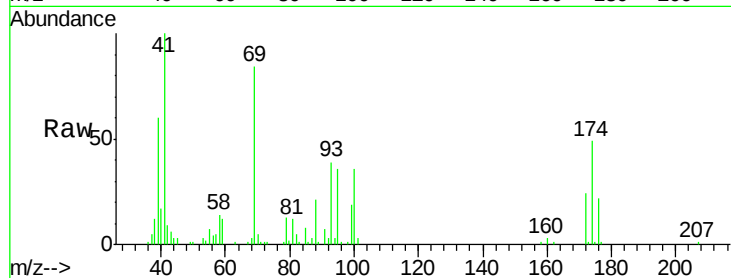
Tgt Ion: 88 Resp: 13873

Ion Ratio Lower Upper

88 100

43 36.9 29.0 43.6

58 68.6 57.0 85.4



#50

Toluene-d8

Concen: 56.067 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD066070.D

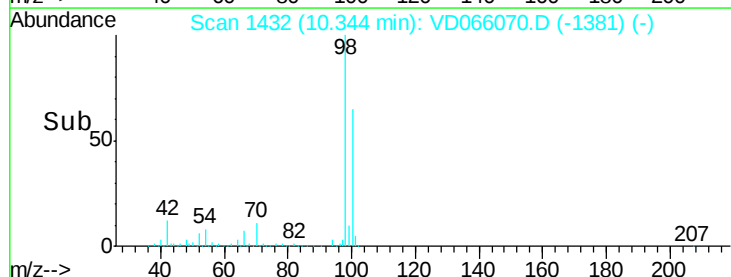
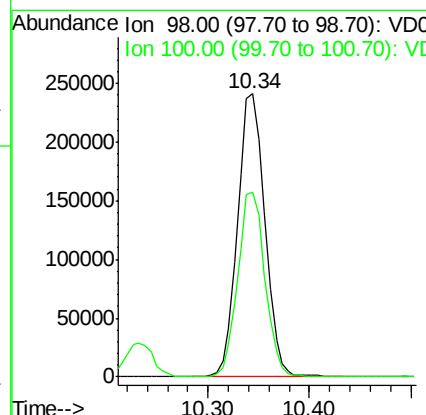
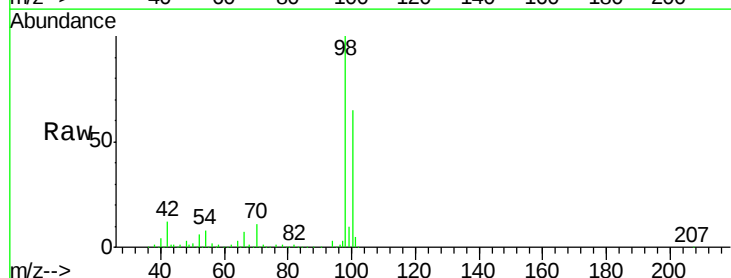
Acq: 27 Jul 2020 16:41

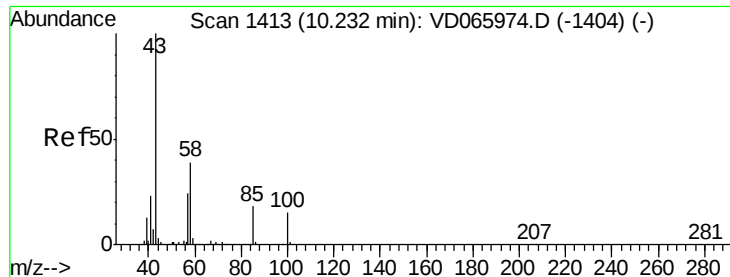
Tgt Ion: 98 Resp: 452981

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1

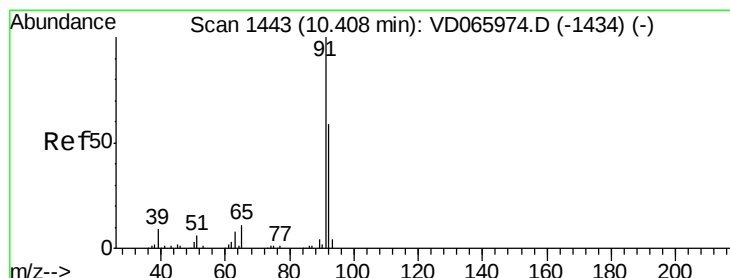
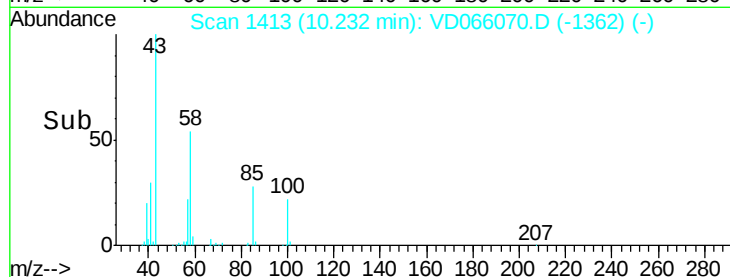
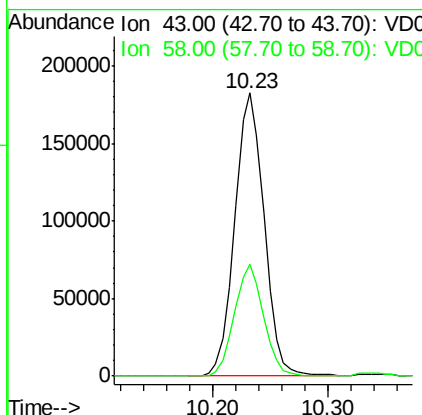
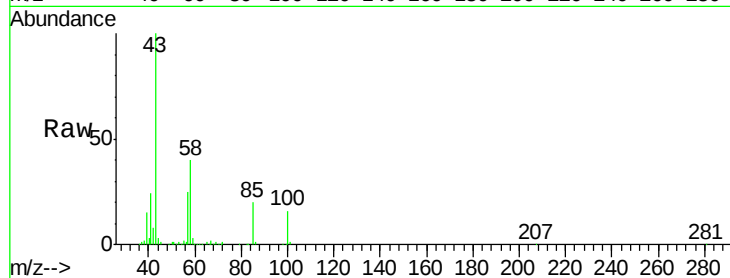




#51
 4-Methyl-2-Pentanone
 Concen: 280.311 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

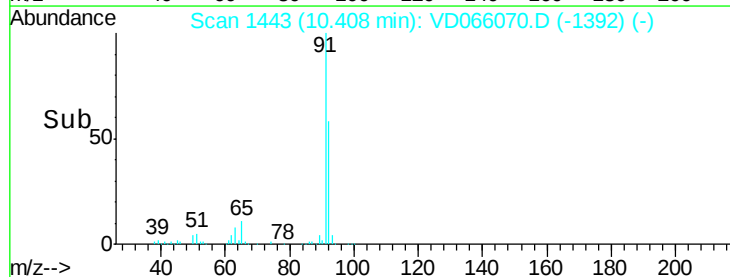
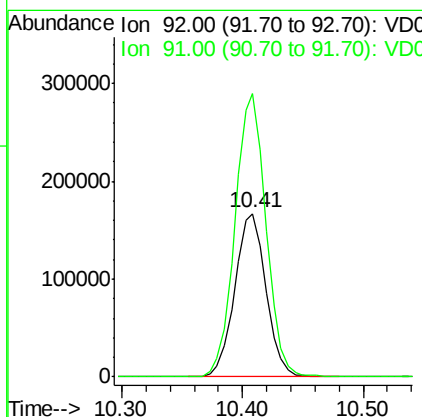
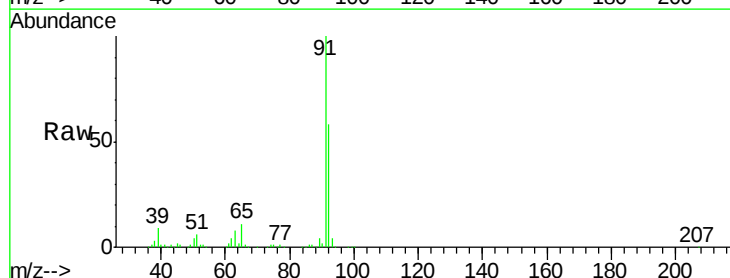
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

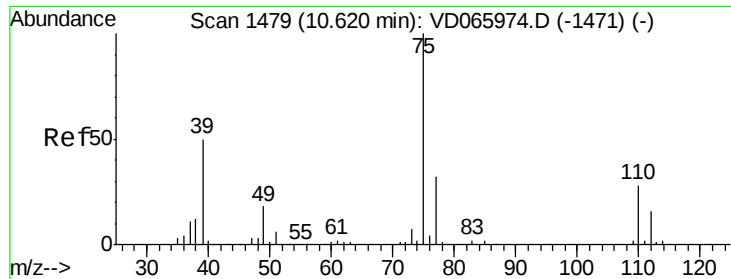
Tgt Ion: 43 Resp: 321496
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.3 46.9



#52
 Toluene
 Concen: 53.917 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion: 92 Resp: 300197
 Ion Ratio Lower Upper
 92 100
 91 172.5 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 56.866 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

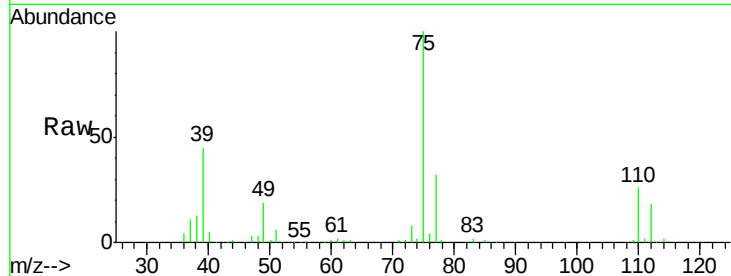
VSTDCCC050EC

Tgt Ion: 75 Resp: 155931

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

80000

60000

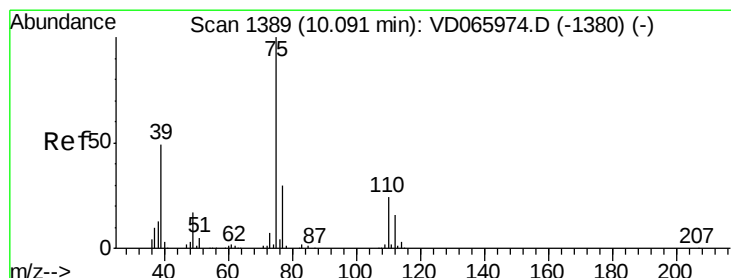
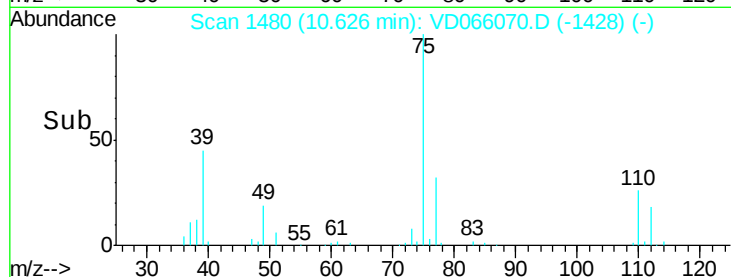
40000

20000

0

10.60 10.63 10.66

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.265 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

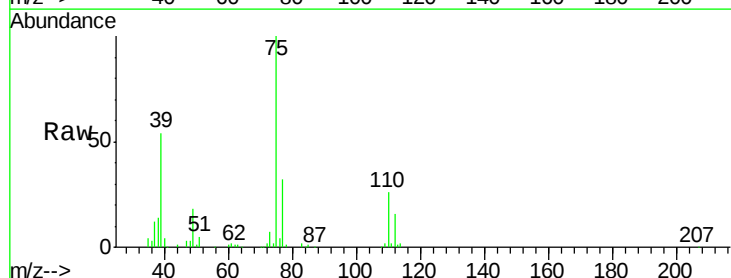
Tgt Ion: 75 Resp: 180369

Ion Ratio Lower Upper

75 100

77 31.9 23.8 35.8

39 53.9 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.09

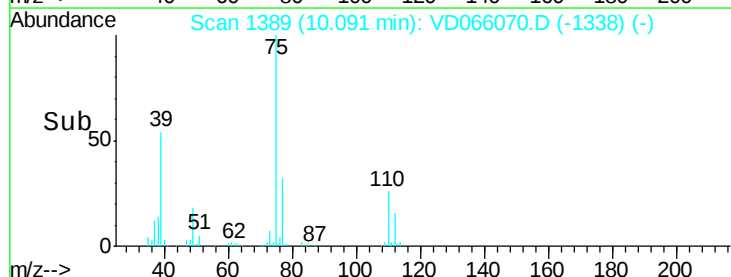
100000

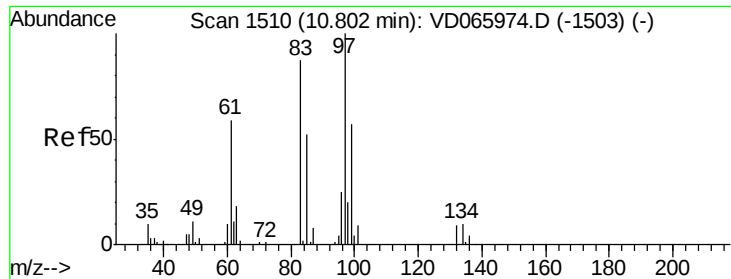
50000

0

10.00 10.09 10.18

Time-->





#55

1,1,2-Trichloroethane

Concen: 55.660 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 87871

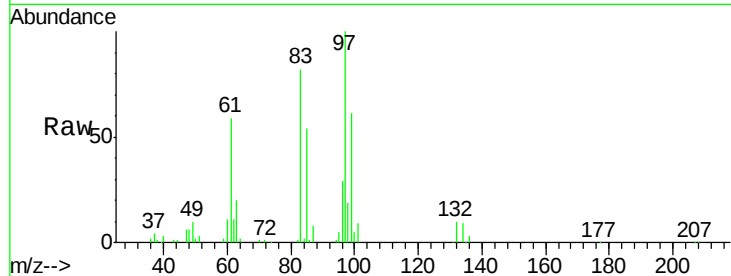
Ion Ratio Lower Upper

97 100

83 82.1 69.7 104.5

85 54.0 41.6 62.4

99 61.3 45.9 68.9

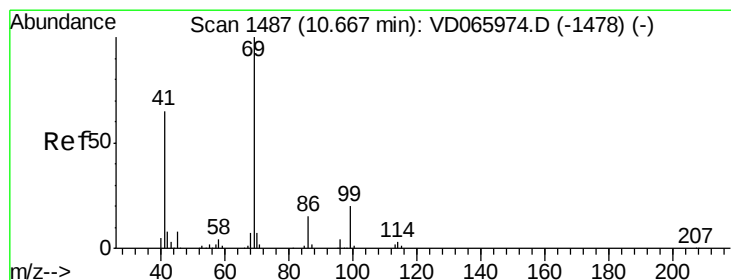
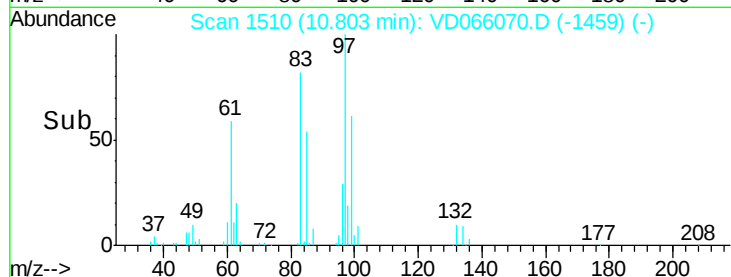
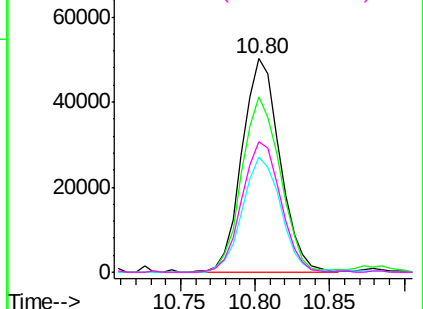


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 58.680 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

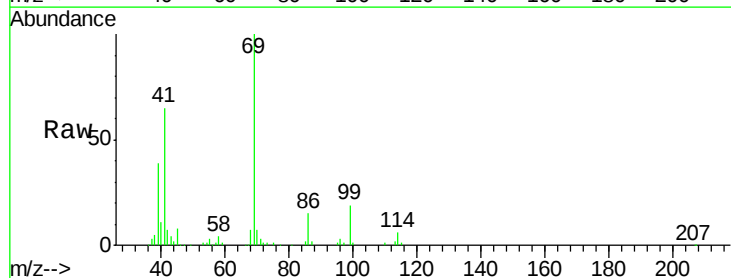
Tgt Ion: 69 Resp: 107707

Ion Ratio Lower Upper

69 100

41 69.4 52.3 78.5

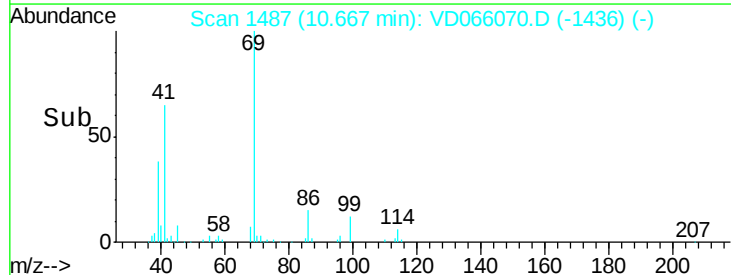
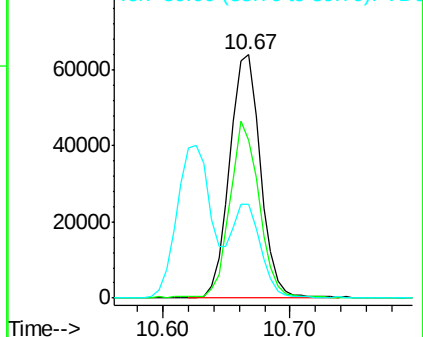
39 34.5 25.2 37.8

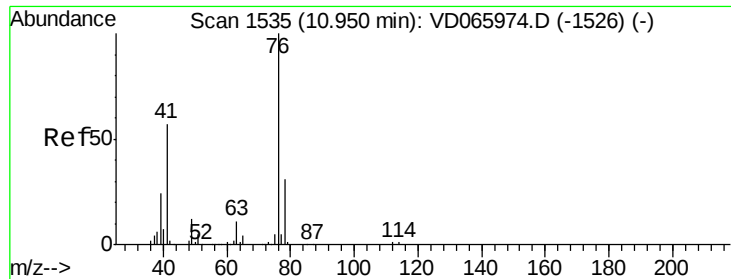


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

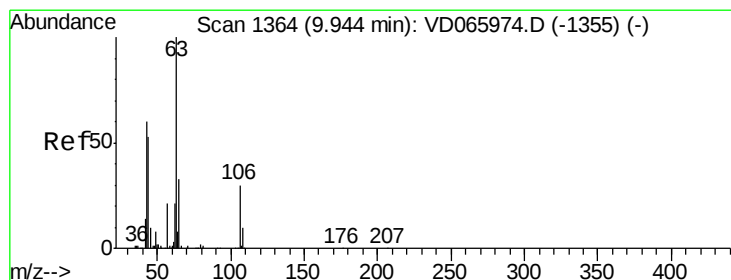
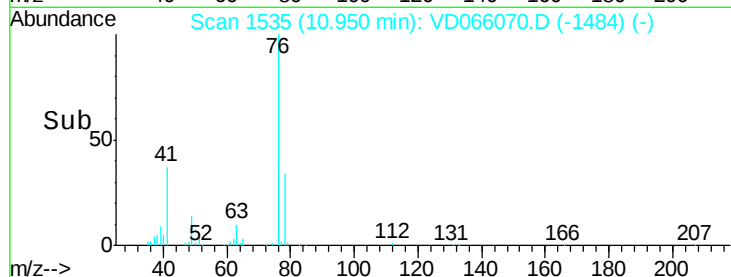
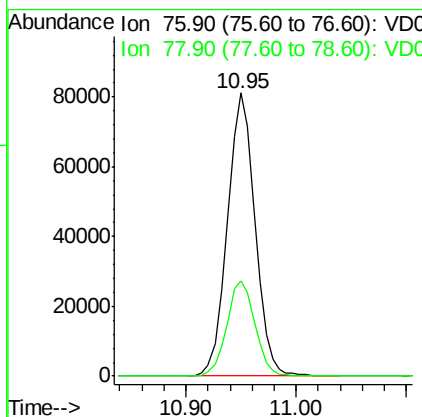
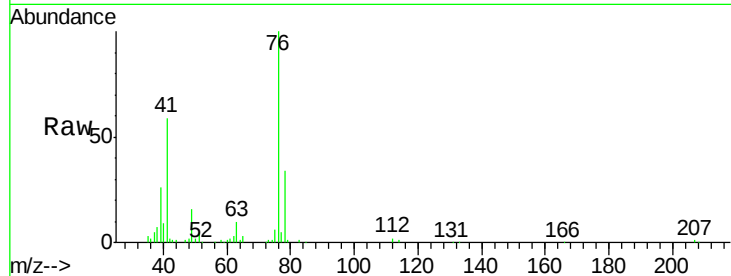




#57
 1,3-Dichloropropane
 Concen: 54.568 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

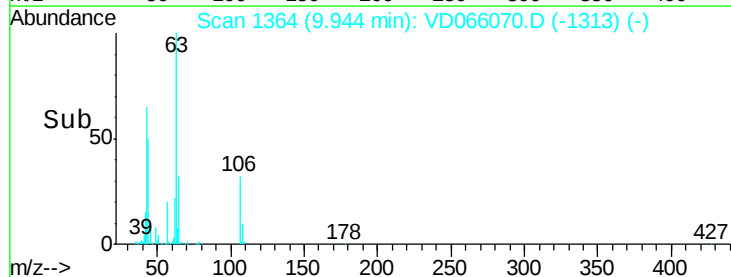
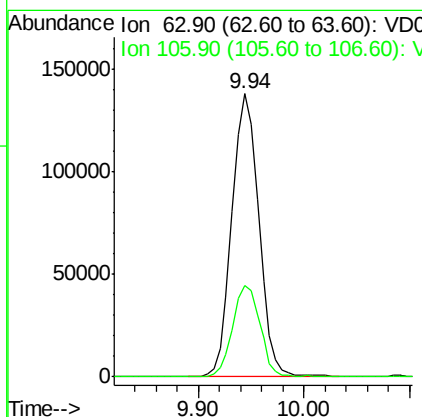
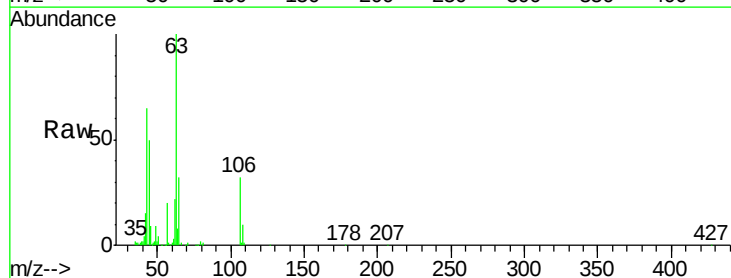
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

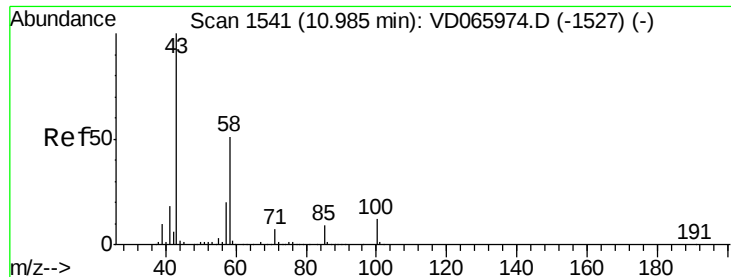
Tgt Ion: 76 Resp: 142611
 Ion Ratio Lower Upper
 76 100
 78 34.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.078 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion: 63 Resp: 243825
 Ion Ratio Lower Upper
 63 100
 106 32.6 24.4 36.6

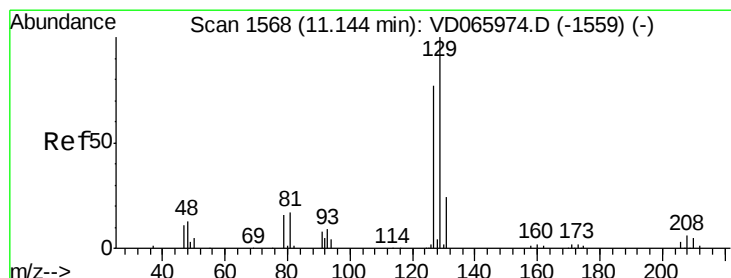
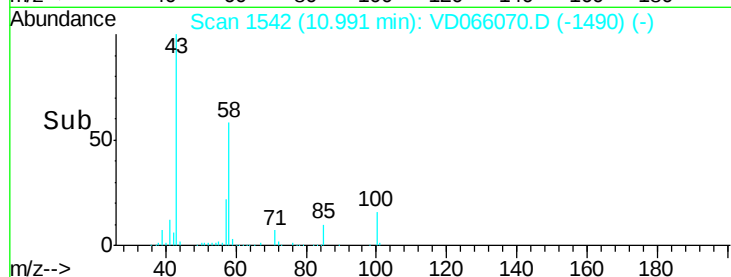
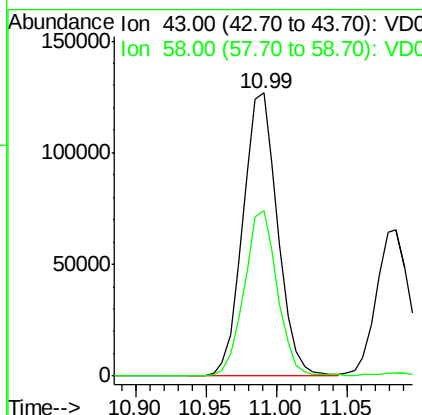
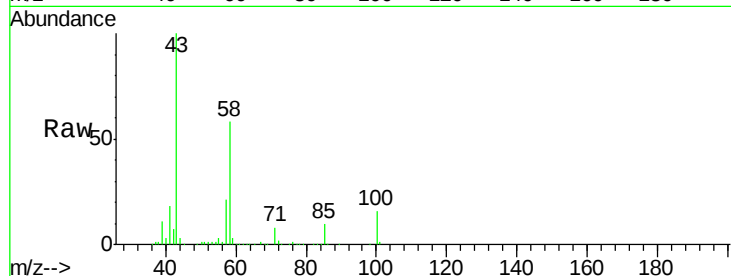




#59
2-Hexanone
Concen: 274.675 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

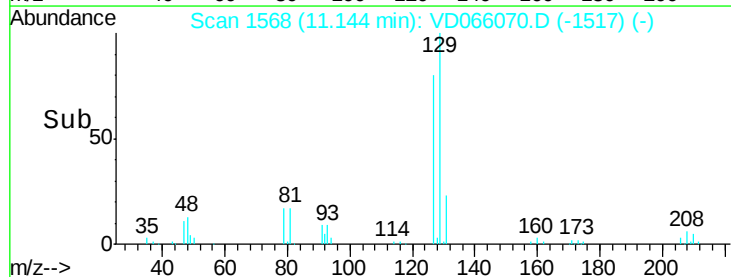
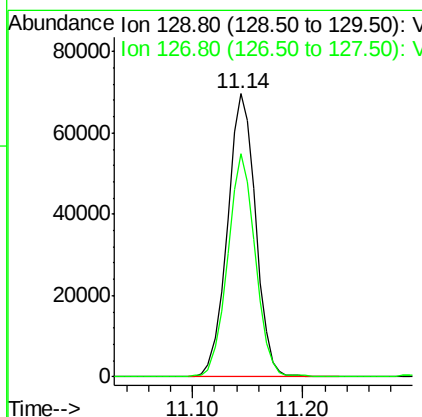
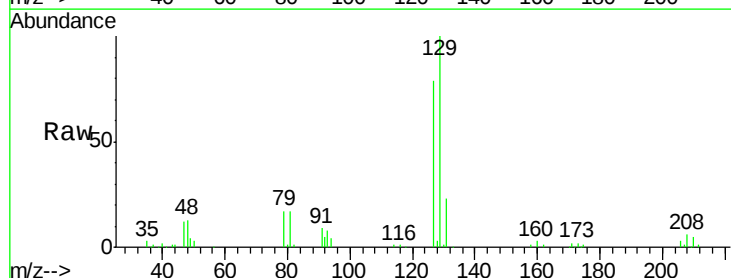
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

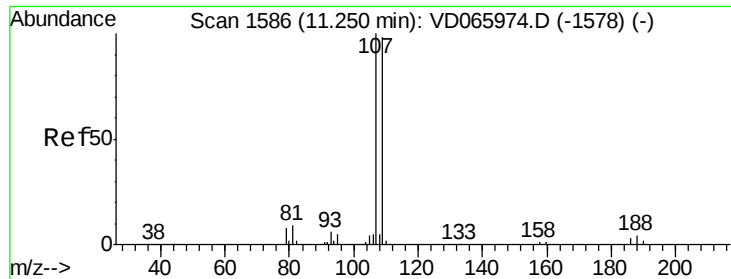
Tgt Ion: 43 Resp: 218313
Ion Ratio Lower Upper
43 100
58 55.9 26.2 78.6



#60
Dibromochloromethane
Concen: 58.733 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion: 129 Resp: 125018
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

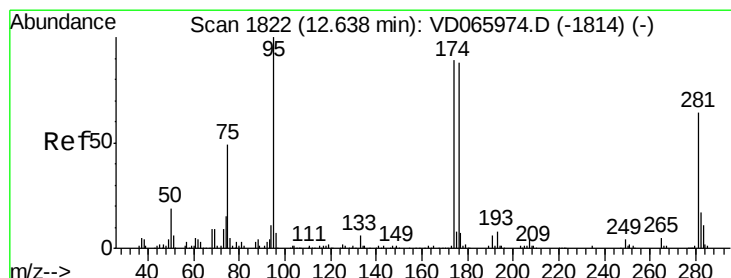
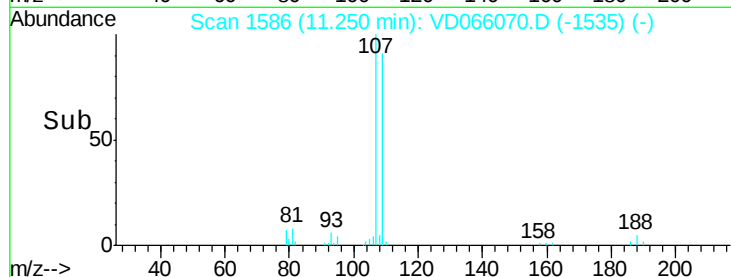
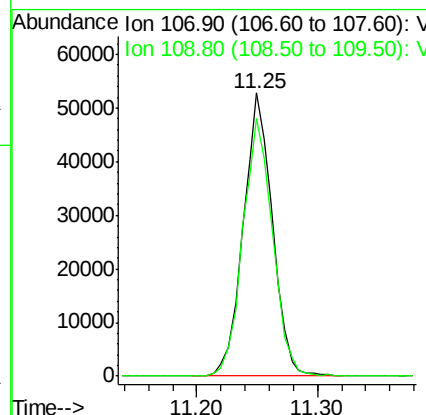
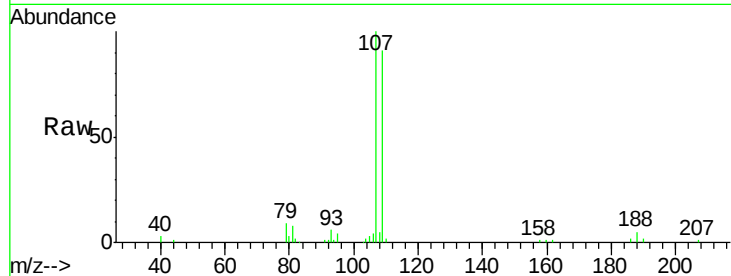




#61
 1,2-Dibromoethane
 Concen: 58.241 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

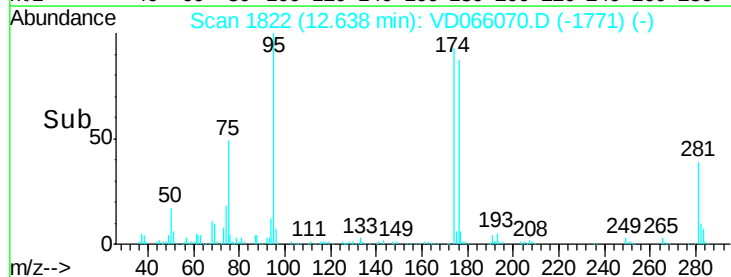
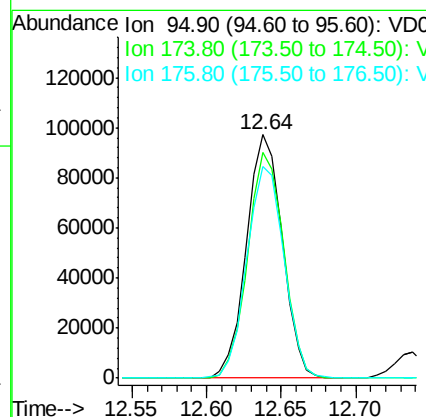
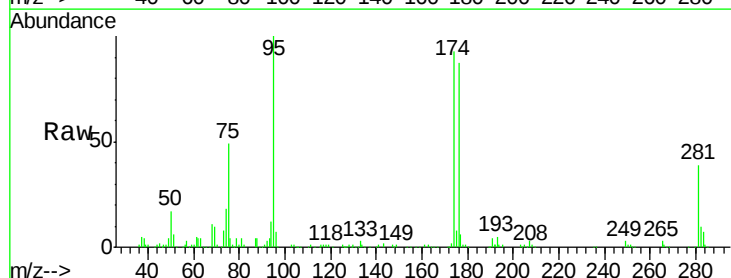
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

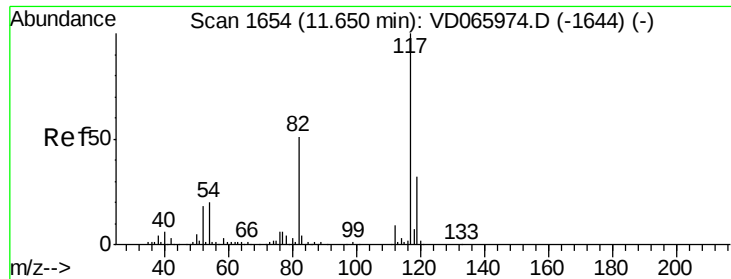
Tgt Ion: 107 Resp: 88652
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 57.523 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion: 95 Resp: 161146
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 178.8
 176 90.2 0.0 172.6

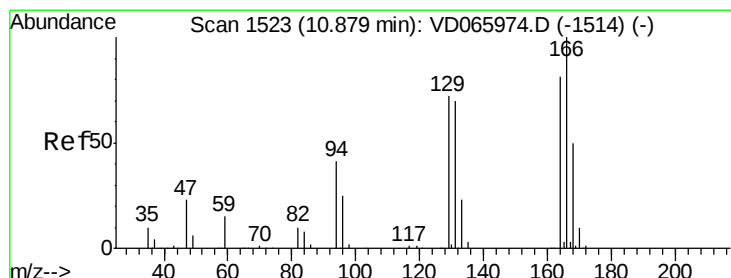
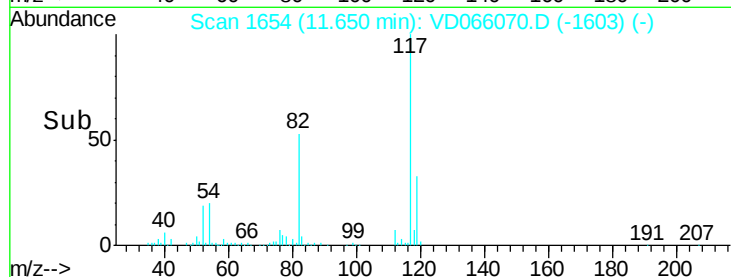
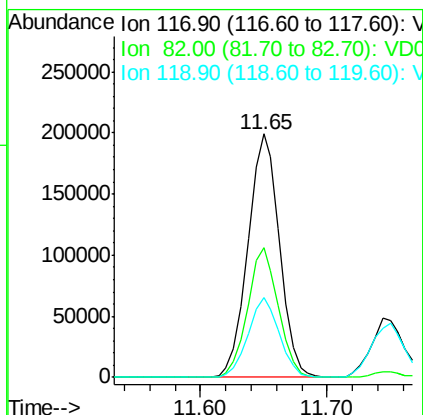
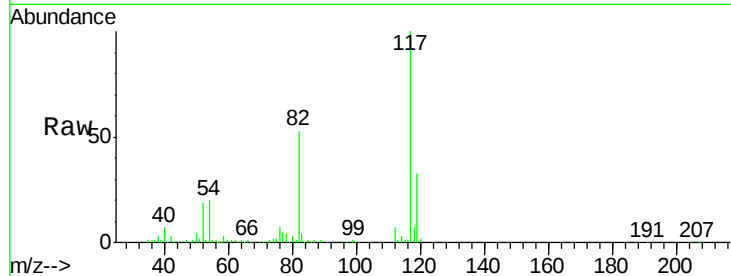




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

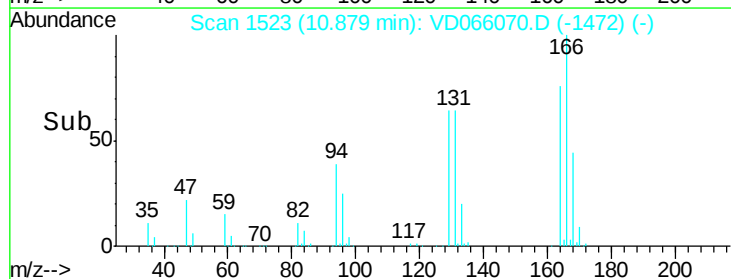
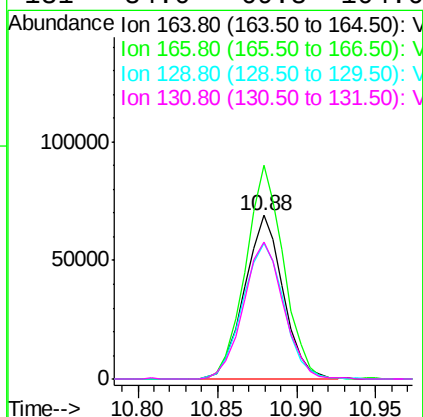
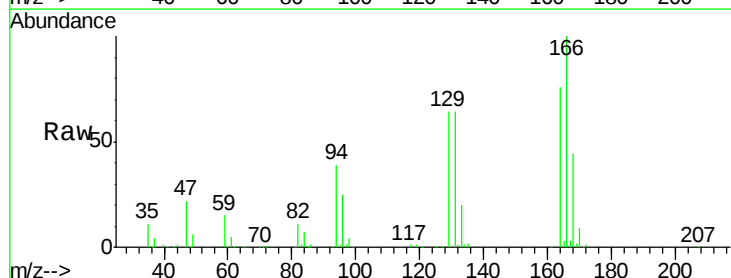
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

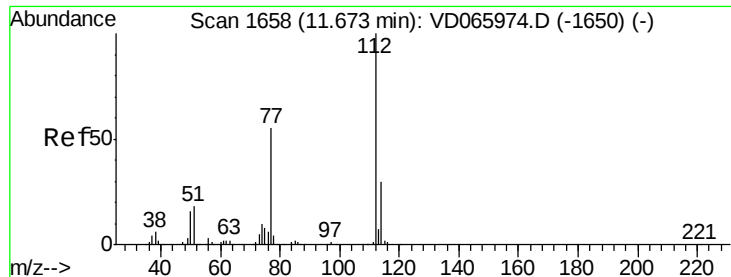
Tgt Ion:117 Resp: 344802
Ion Ratio Lower Upper
117 100
82 53.1 41.1 61.7
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 50.076 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion:164 Resp: 117192
Ion Ratio Lower Upper
164 100
166 130.8 99.1 148.7
129 83.3 71.5 107.3
131 84.0 69.8 104.6

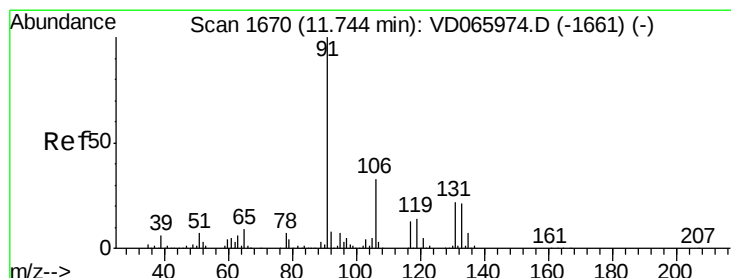
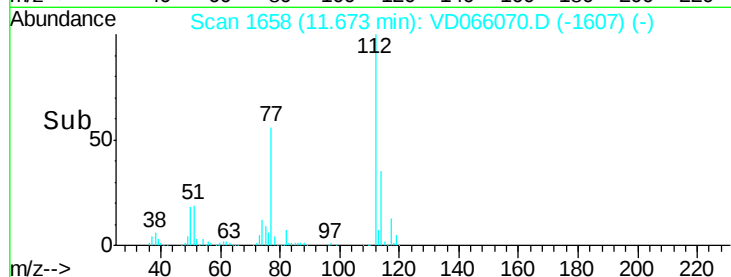
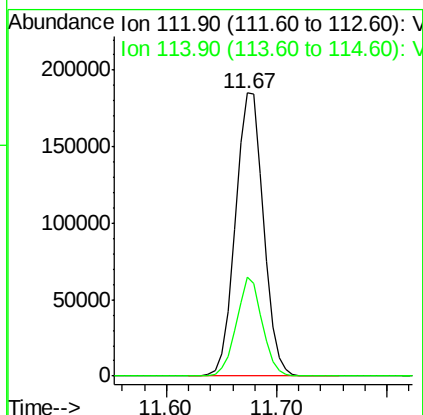
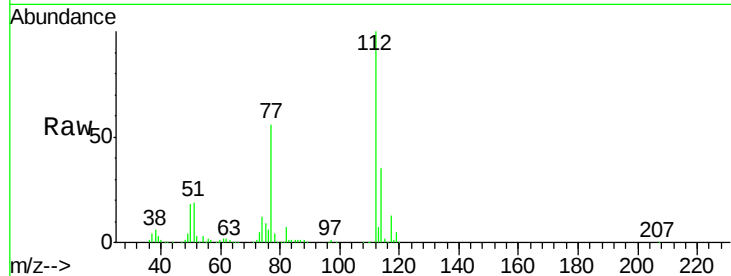




#65
Chlorobenzene
Concen: 52.519 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

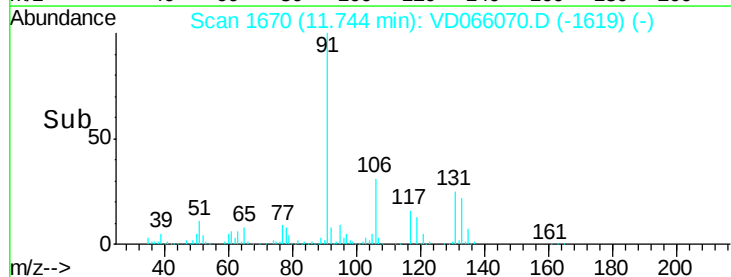
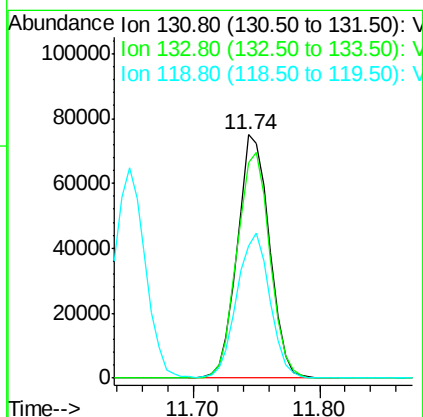
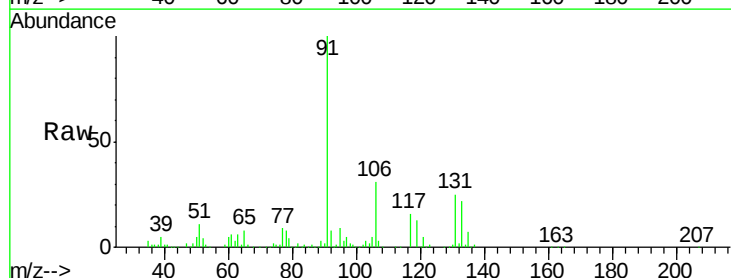
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

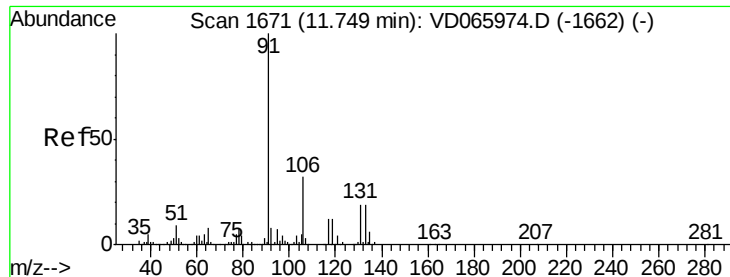
Tgt Ion:112 Resp: 331558
Ion Ratio Lower Upper
112 100
114 35.2 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.414 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion:131 Resp: 131506
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 61.3 31.7 95.1





#67

Ethyl Benzene

Concen: 52.729 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

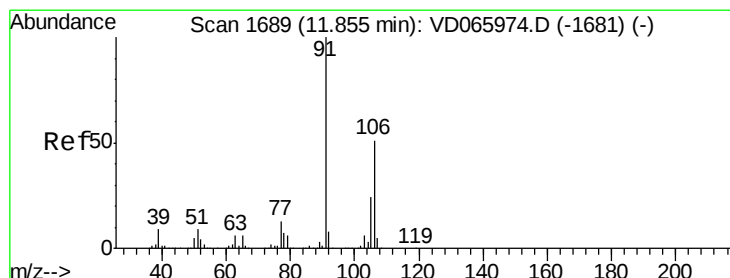
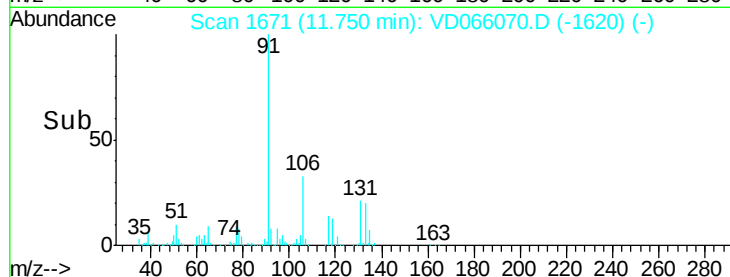
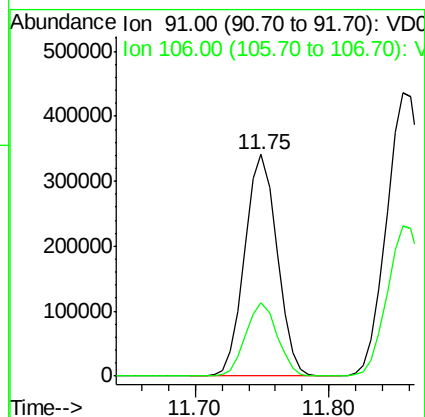
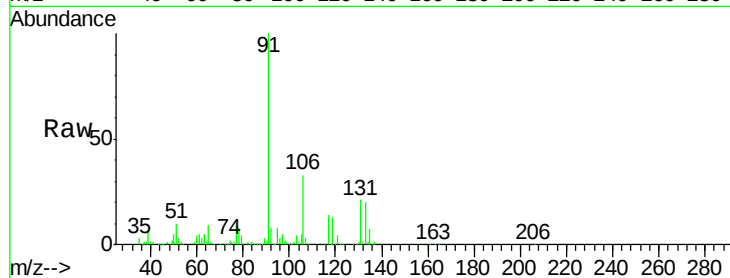
VSTDCCC050EC

Tgt Ion: 91 Resp: 572868

Ion Ratio Lower Upper

91 100

106 33.2 25.7 38.5



#68

m/p-Xylenes

Concen: 107.891 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066070.D

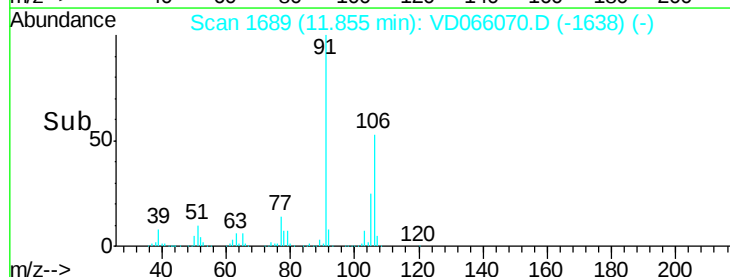
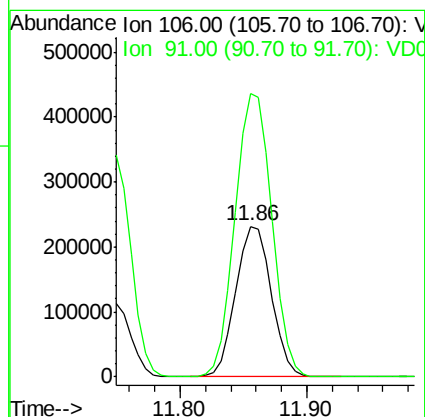
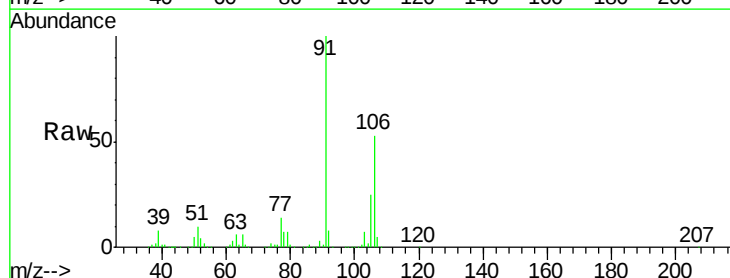
Acq: 27 Jul 2020 16:41

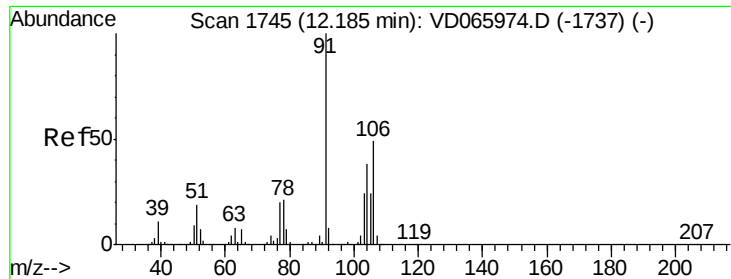
Tgt Ion: 106 Resp: 450536

Ion Ratio Lower Upper

106 100

91 194.3 157.0 235.6

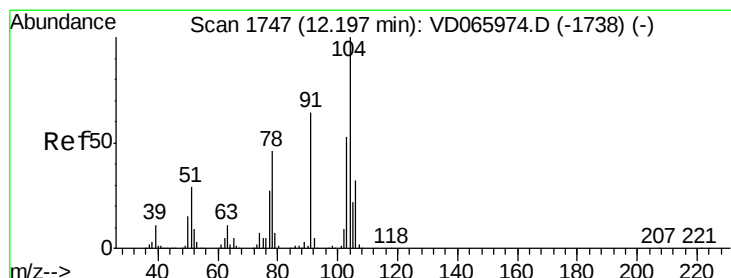
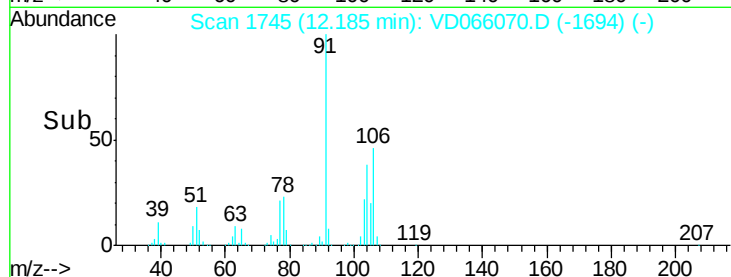
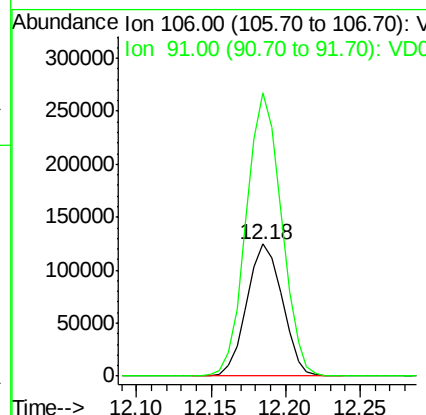
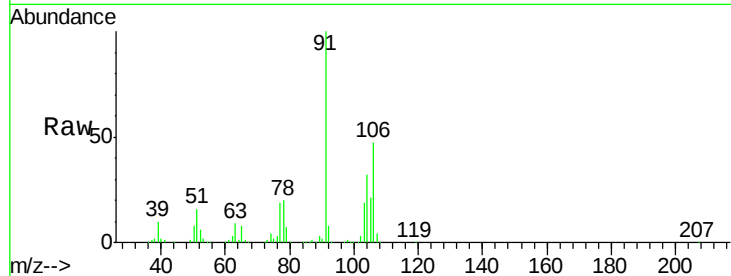




#69
o-Xylene
Concen: 54.278 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

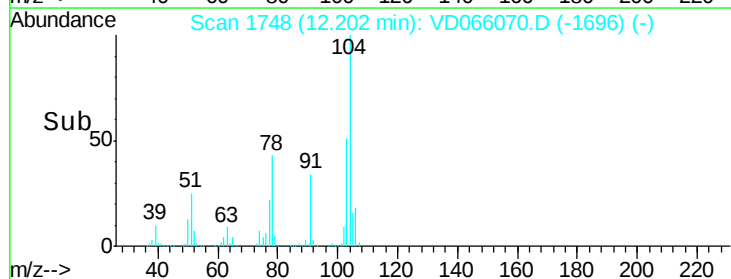
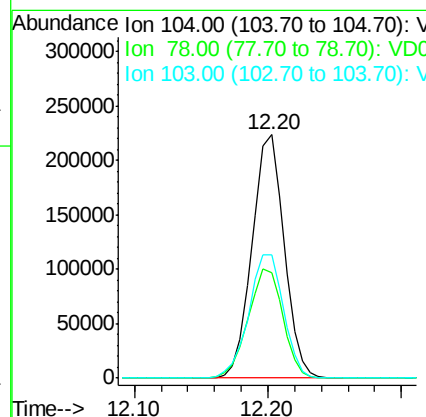
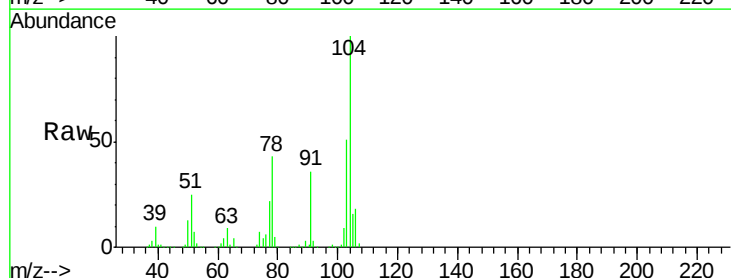
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

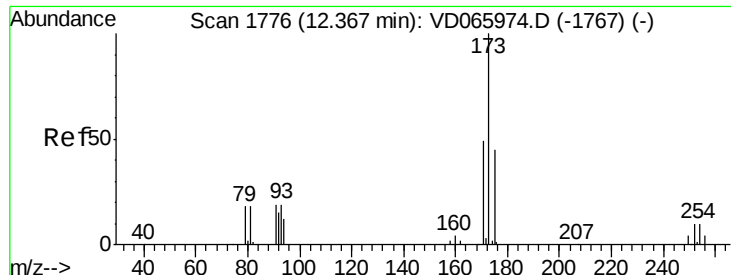
Tgt Ion:106 Resp: 206150
Ion Ratio Lower Upper
106 100
91 212.3 103.1 309.3



#70
Styrene
Concen: 56.902 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion:104 Resp: 371325
Ion Ratio Lower Upper
104 100
78 48.7 38.3 57.5
103 55.1 43.8 65.8





#71

Bromoform

Concen: 57.749 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

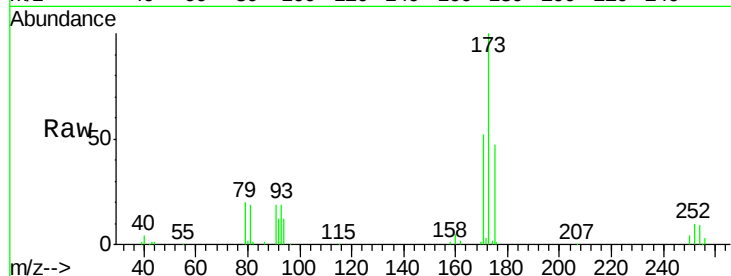
Tgt Ion:173 Resp: 78853

Ion Ratio Lower Upper

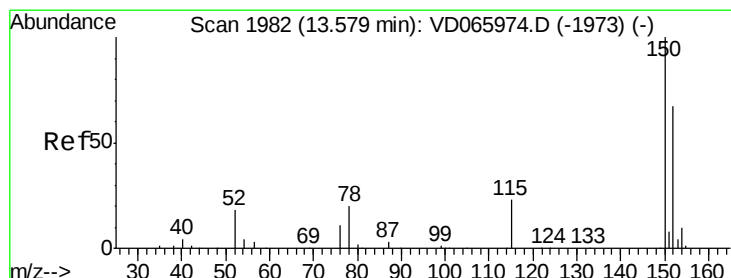
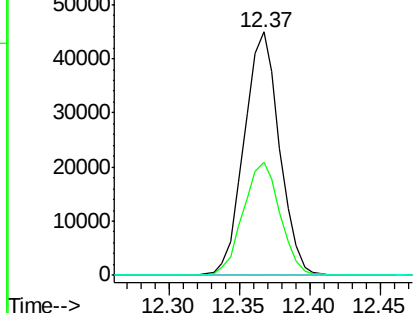
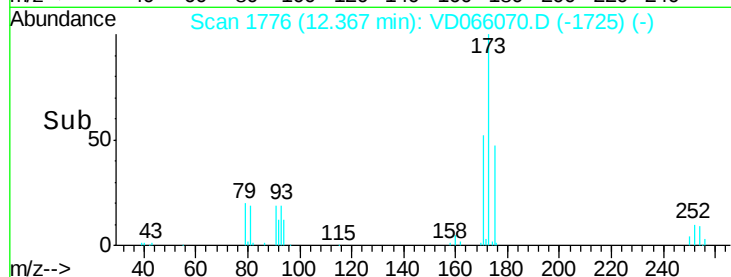
173 100

175 48.3 24.1 72.3

254 0.1 0.0 0.0#



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. 0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

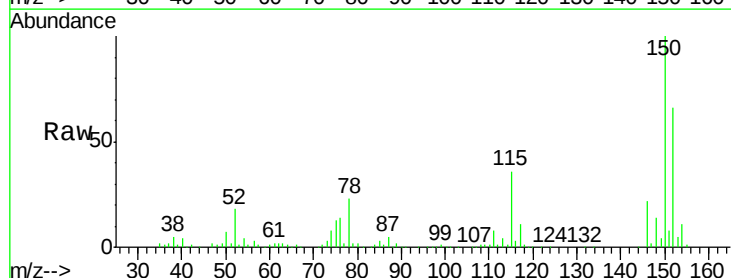
Tgt Ion:152 Resp: 192410

Ion Ratio Lower Upper

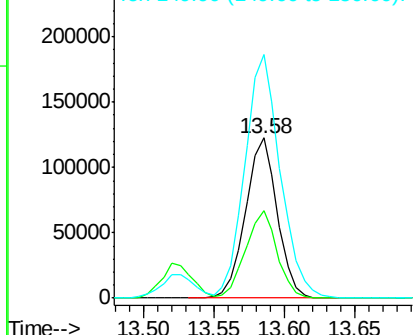
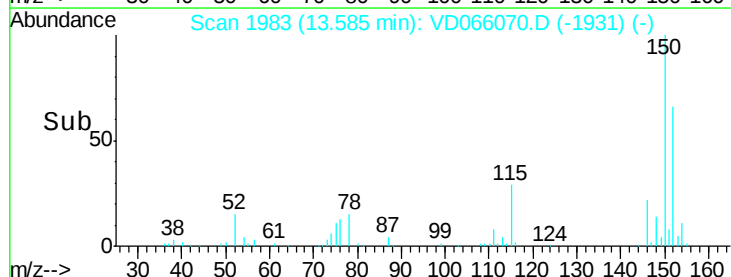
152 100

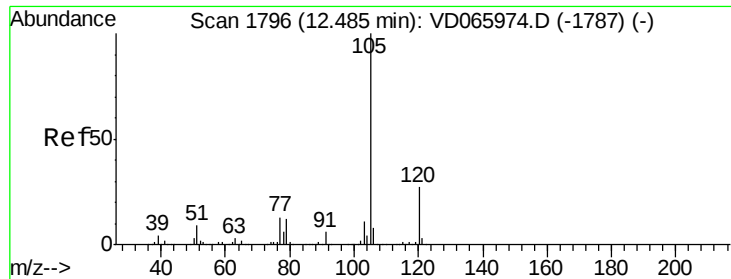
115 54.7 27.9 83.7

150 170.2 0.0 348.2



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: 48.958 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

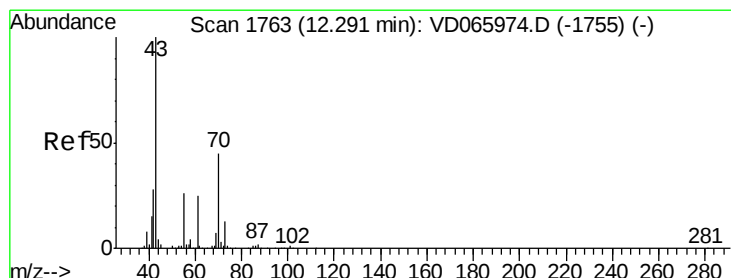
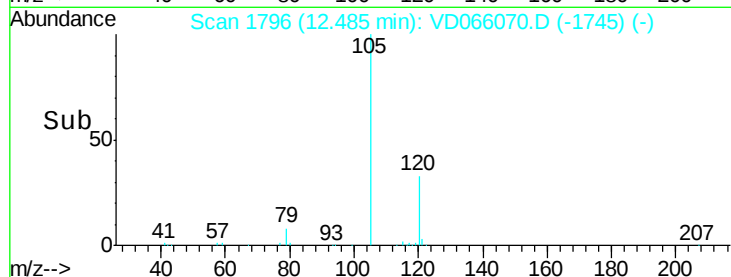
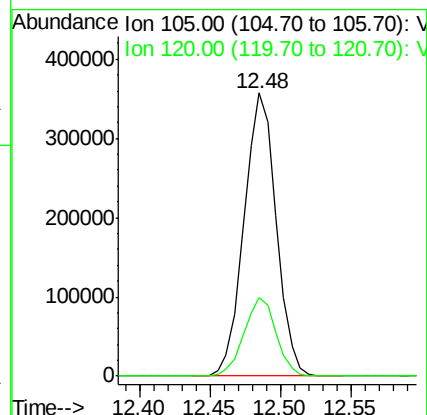
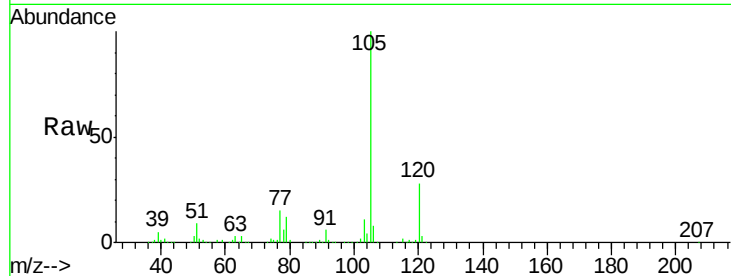
VSTDCCC050EC

Tgt Ion: 105 Resp: 569999

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.8



#74

N-ethyl acetate

Concen: 50.718 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Tgt Ion: 43 Resp: 122433

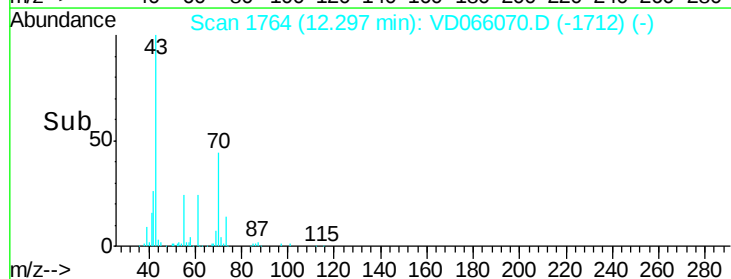
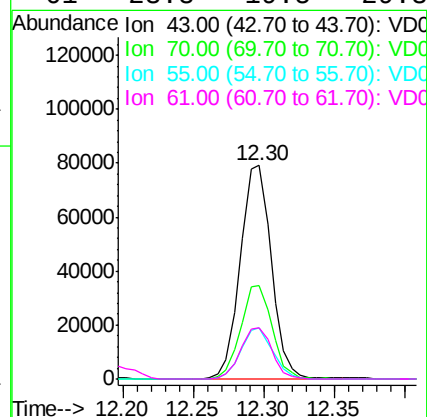
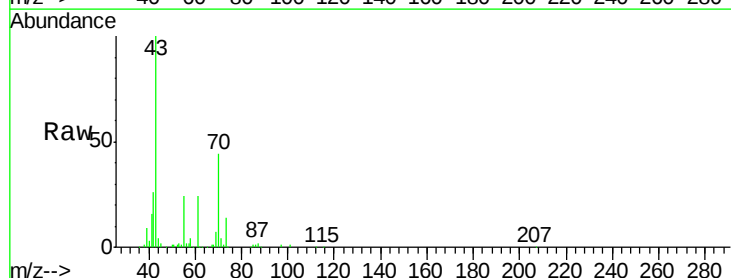
Ion Ratio Lower Upper

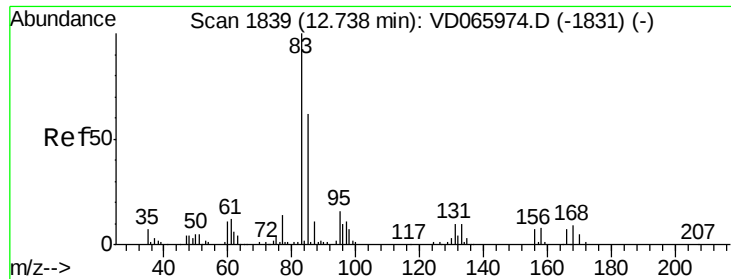
43 100

70 44.2 34.6 51.8

55 24.5 20.3 30.5

61 23.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.602 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

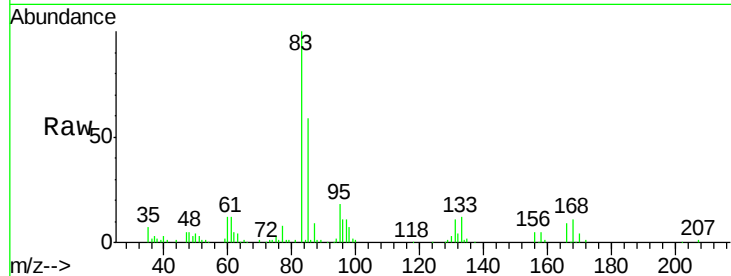
Tgt Ion: 83 Resp: 95441

Ion Ratio Lower Upper

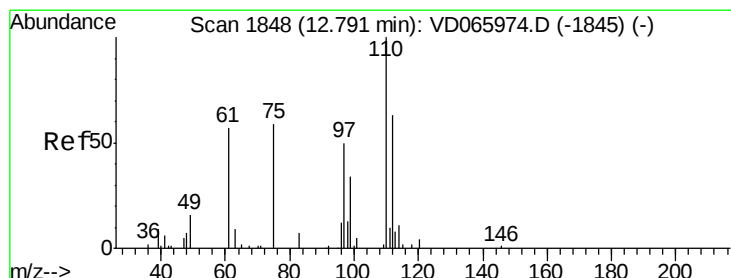
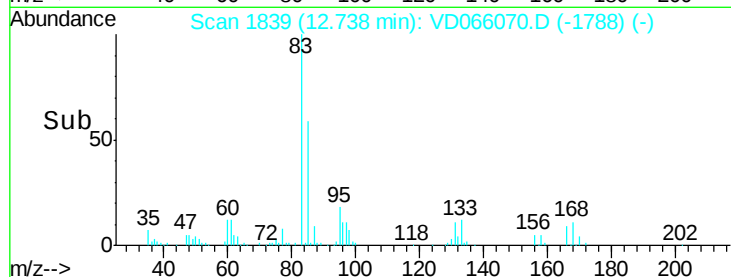
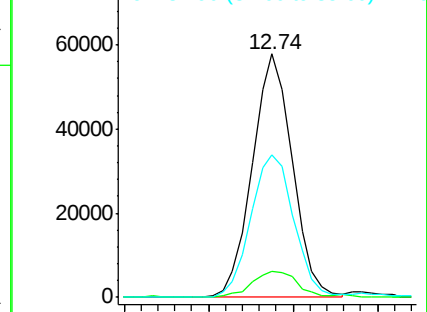
83 100

131 12.1 5.7 17.1

85 63.1 31.9 95.5



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: 86.421 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD066070.D

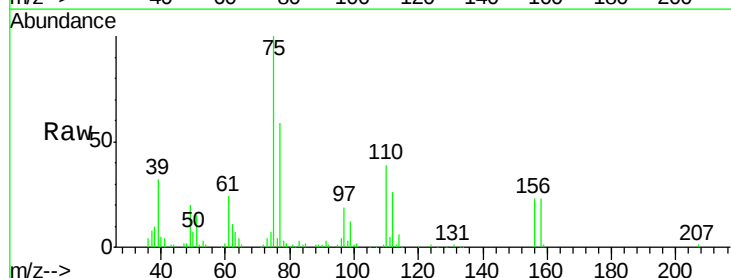
Acq: 27 Jul 2020 16:41

Tgt Ion: 75 Resp: 125203

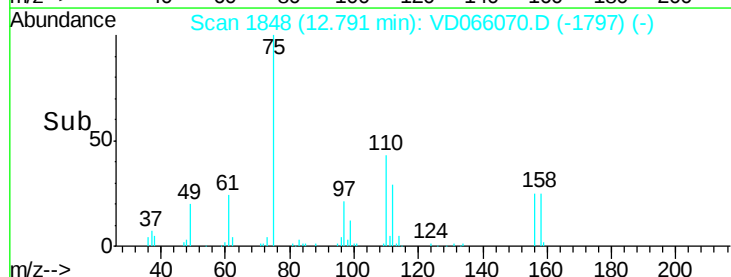
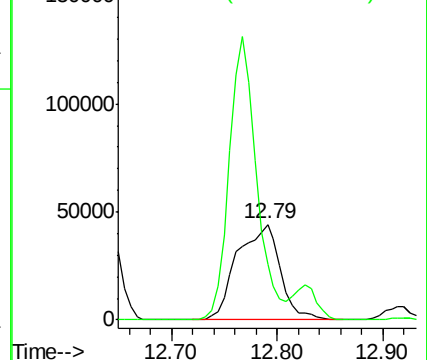
Ion Ratio Lower Upper

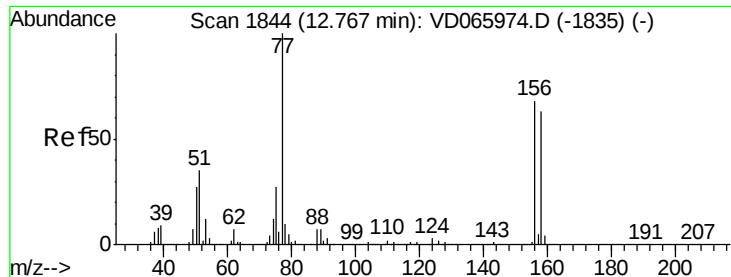
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.317 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

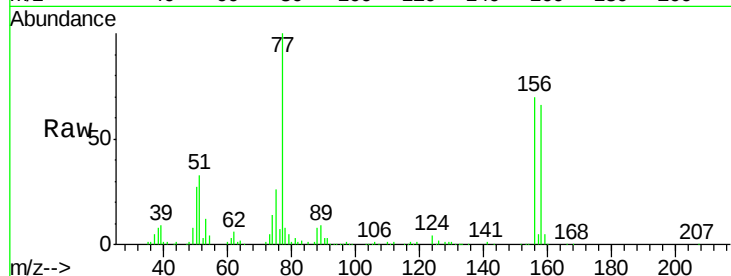
Tgt Ion:156 Resp: 152693

Ion Ratio Lower Upper

156 100

77 154.3 83.0 249.0

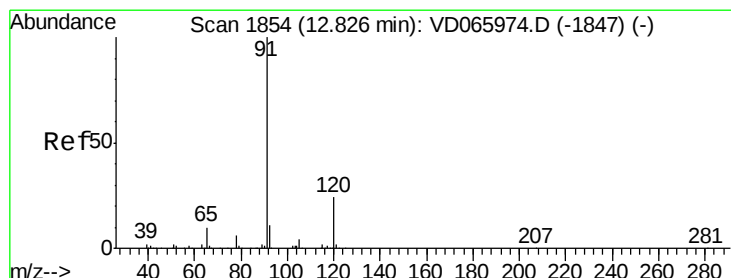
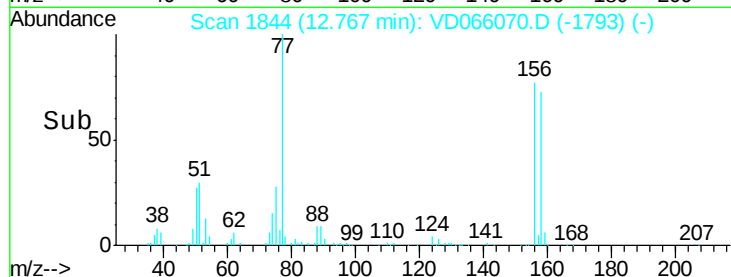
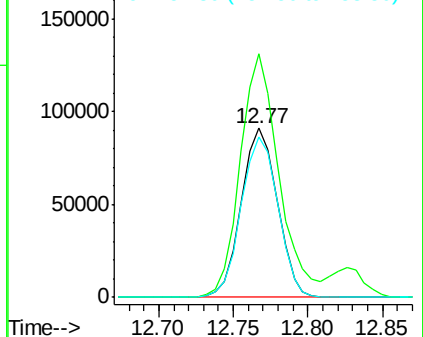
158 96.6 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.569 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD066070.D

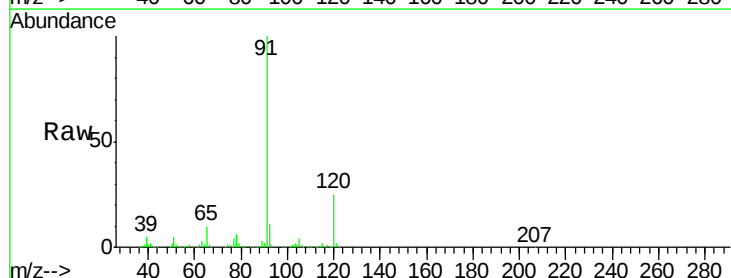
Acq: 27 Jul 2020 16:41

Tgt Ion: 91 Resp: 656175

Ion Ratio Lower Upper

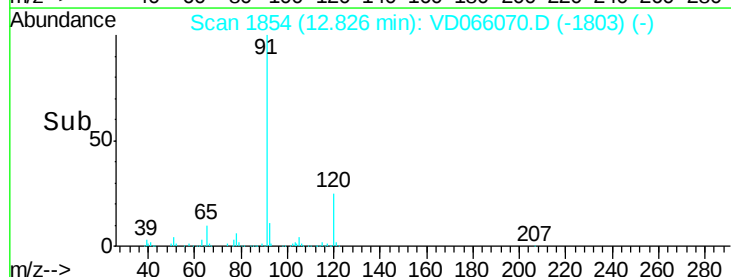
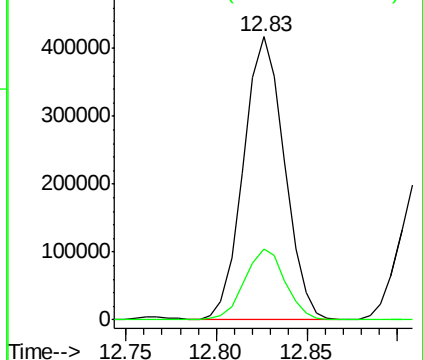
91 100

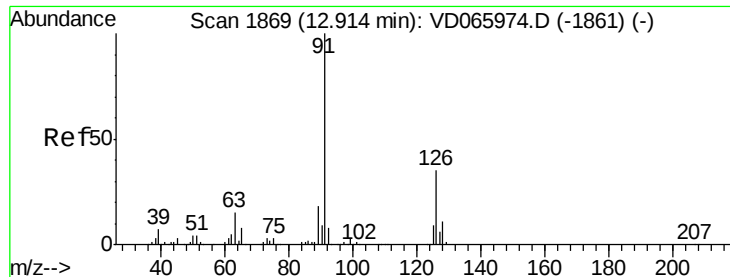
120 24.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.537 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

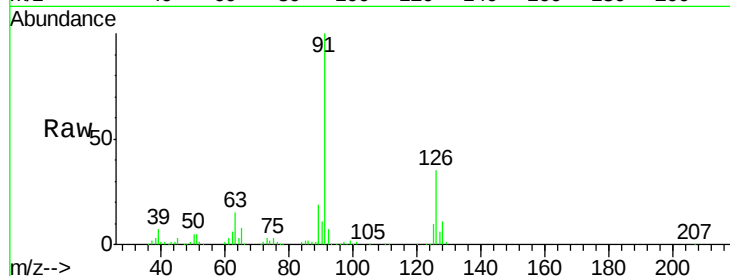
VSTDCCC050EC

Tgt Ion: 91 Resp: 382352

Ion Ratio Lower Upper

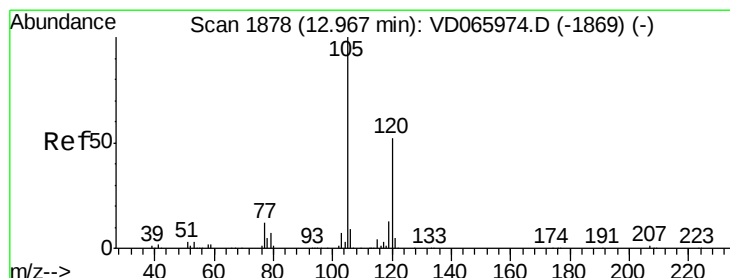
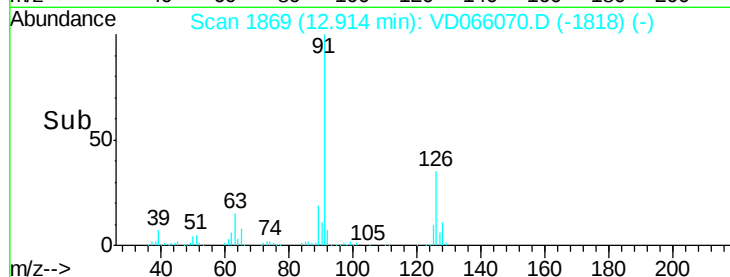
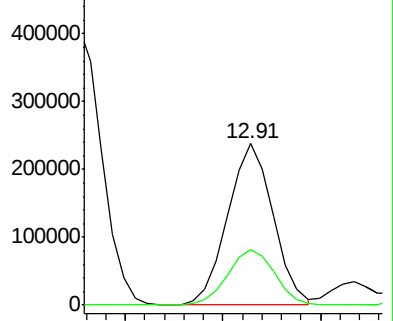
91 100

126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066070.D (-1818) (-)

Ion 125.90 (125.60 to 126.60): VD066070.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.179 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD066070.D

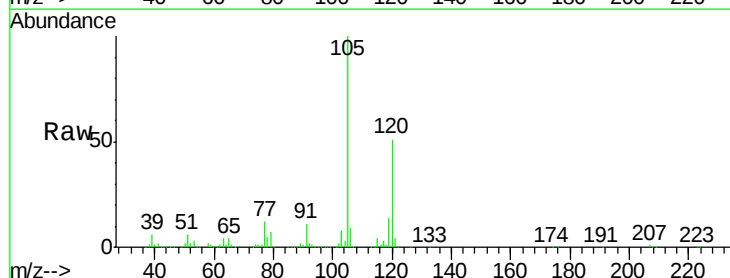
Acq: 27 Jul 2020 16:41

Tgt Ion: 105 Resp: 489544

Ion Ratio Lower Upper

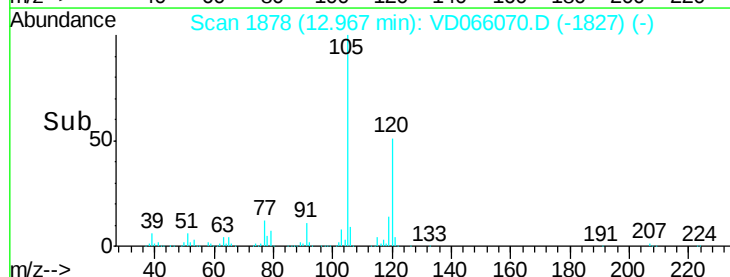
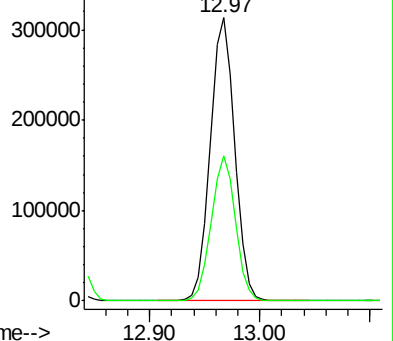
105 100

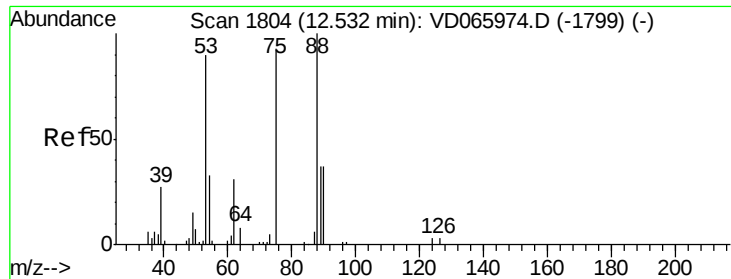
120 50.4 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD066070.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD066070.D (-1827) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.135 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

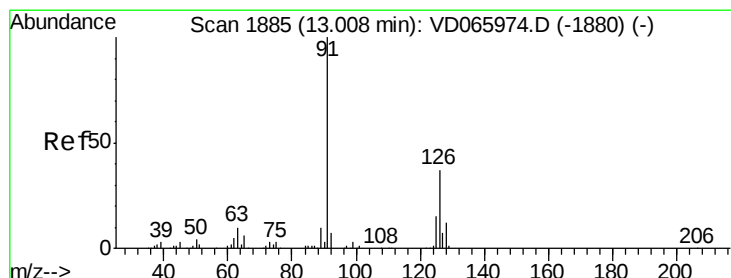
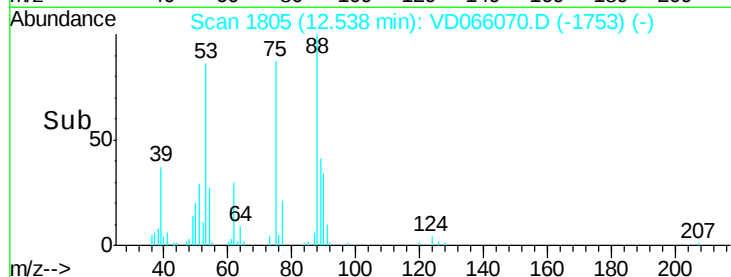
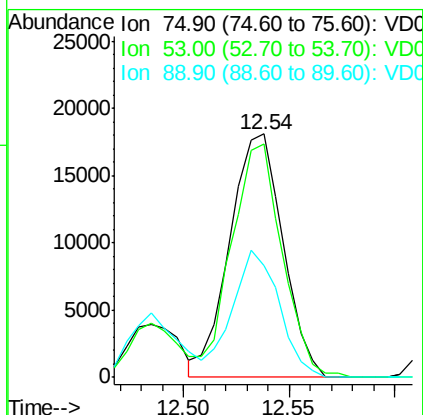
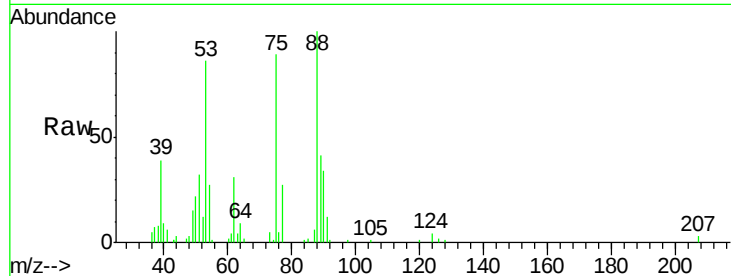
Tgt Ion: 75 Resp: 31653

Ion Ratio Lower Upper

75 100

53 90.6 76.8 115.2

89 46.0 37.0 55.4



#82

4-Chlorotoluene

Concen: 48.690 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD066070.D

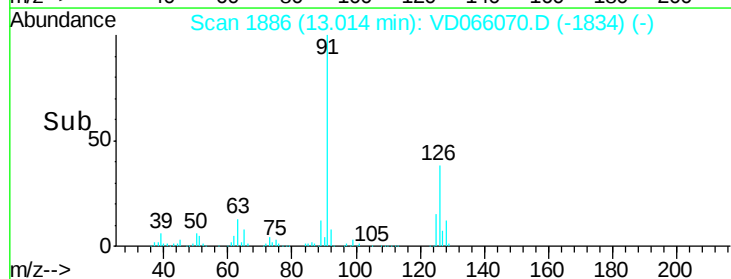
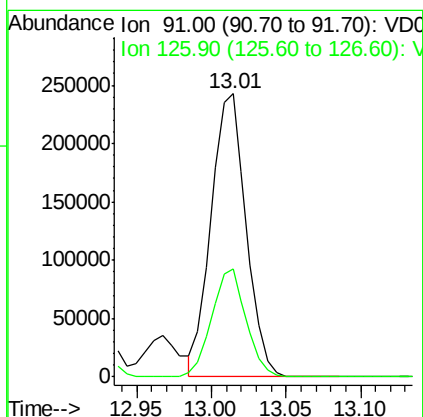
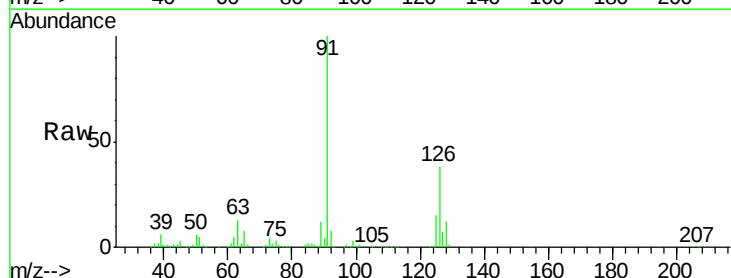
Acq: 27 Jul 2020 16:41

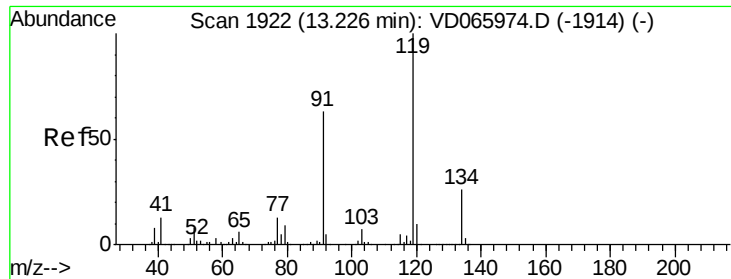
Tgt Ion: 91 Resp: 396678

Ion Ratio Lower Upper

91 100

126 37.4 17.8 53.5

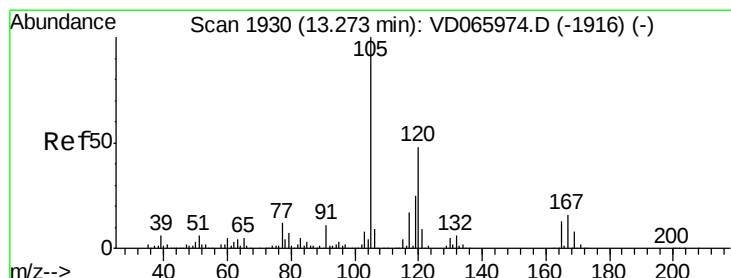
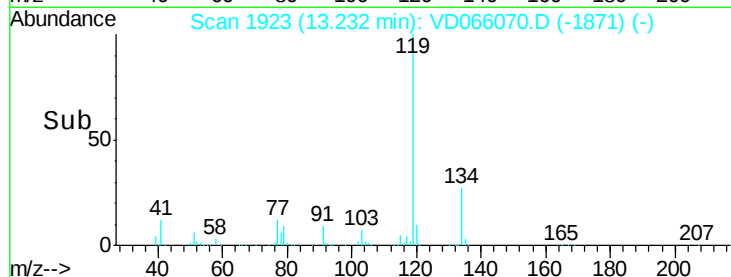
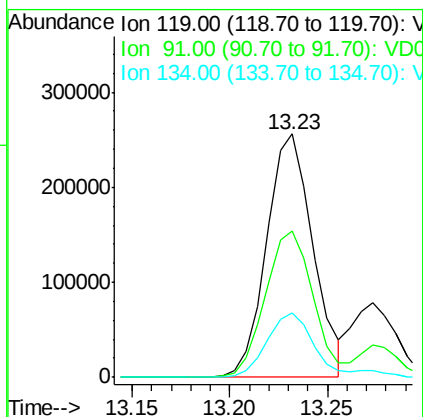
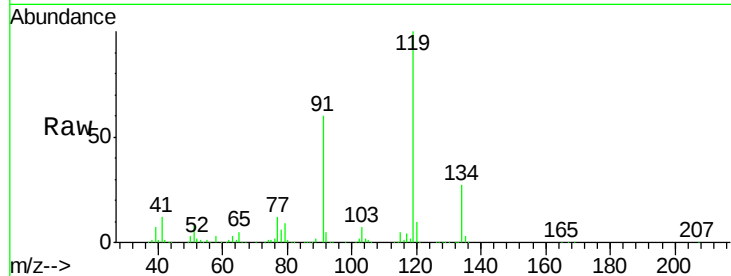




#83
 tert-Butylbenzene
 Concen: 50.369 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

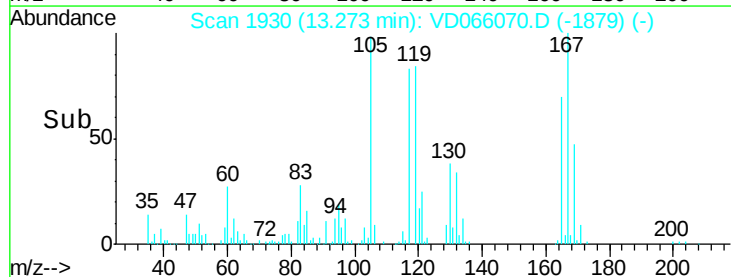
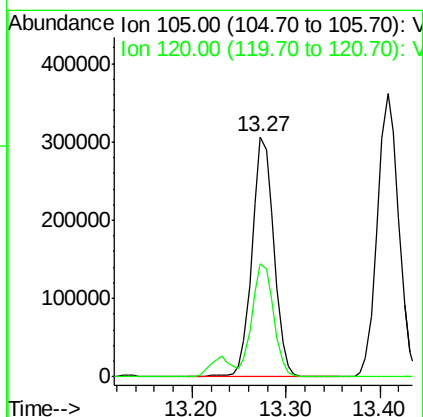
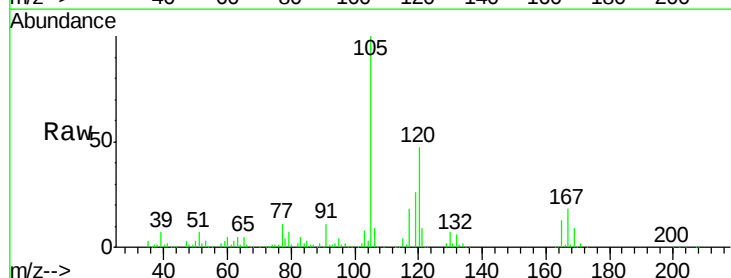
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

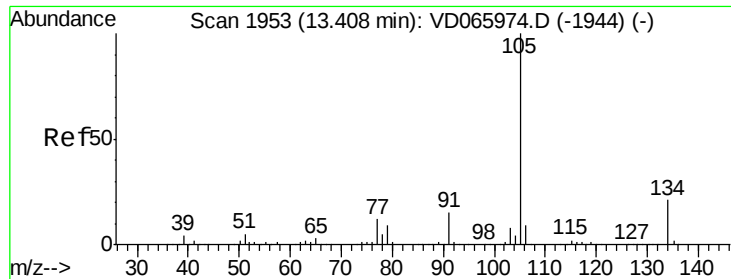
Tgt Ion:119 Resp: 421606
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.6 91.6
 134 26.4 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.030 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion:105 Resp: 491004
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.9 71.8

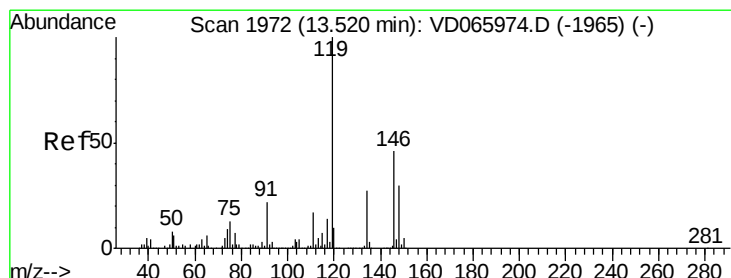
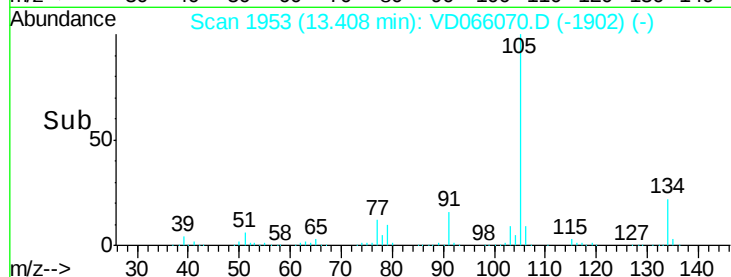
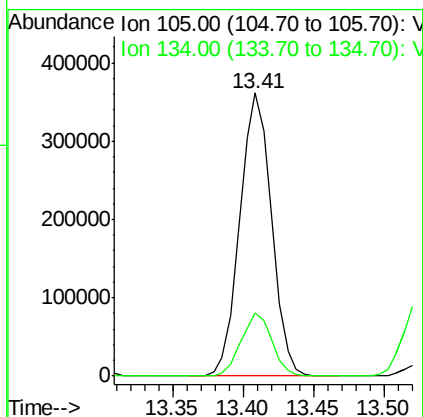
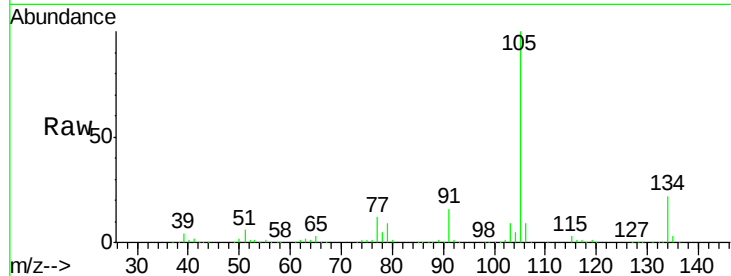




#85
 sec-Butylbenzene
 Concen: 49.159 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

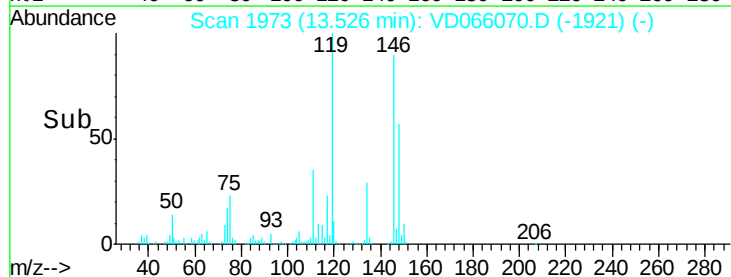
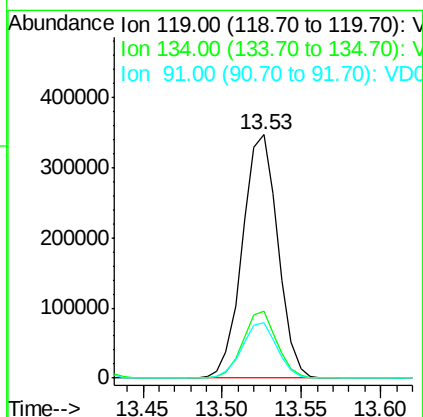
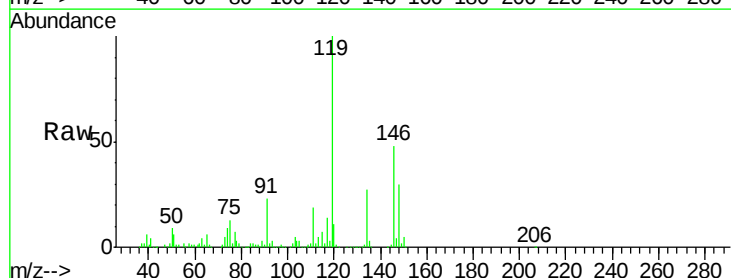
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

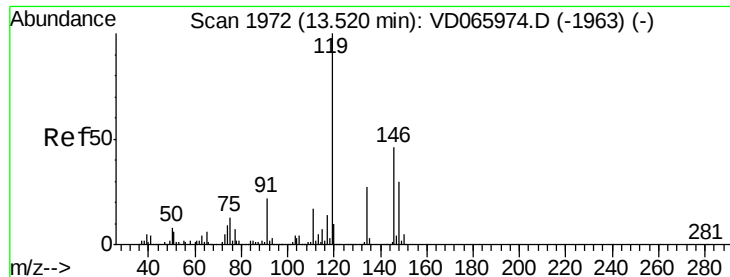
Tgt Ion:105 Resp: 566766
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 51.460 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion:119 Resp: 539005
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 22.4 11.1 33.3

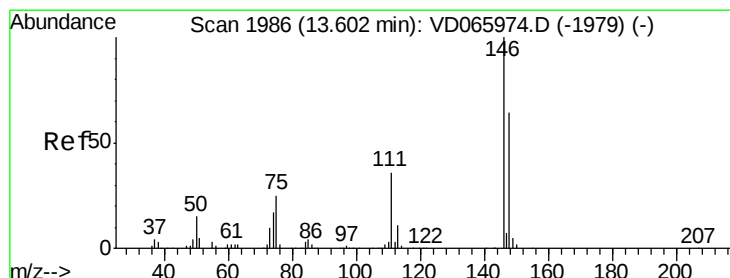
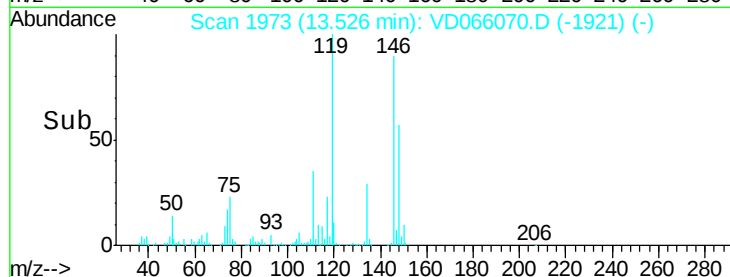
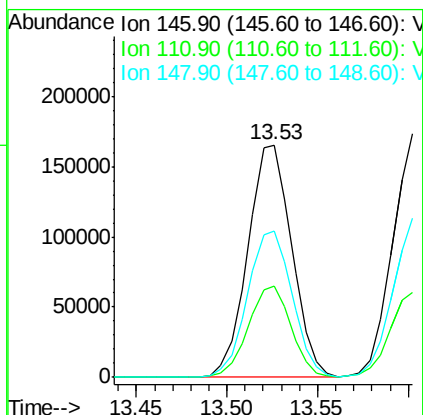
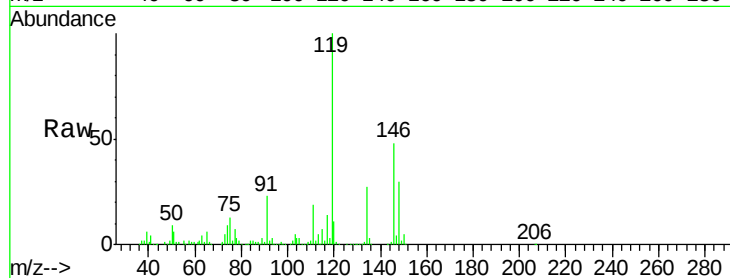




#87
 1,3-Dichlorobenzene
 Concen: 50.630 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

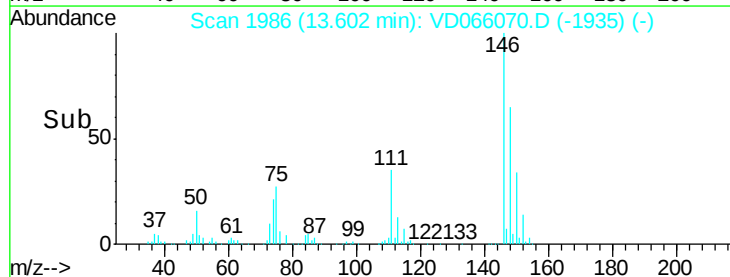
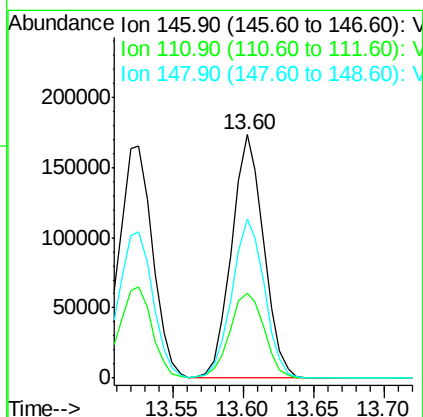
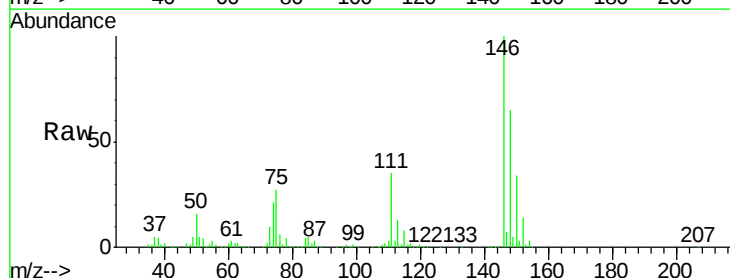
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

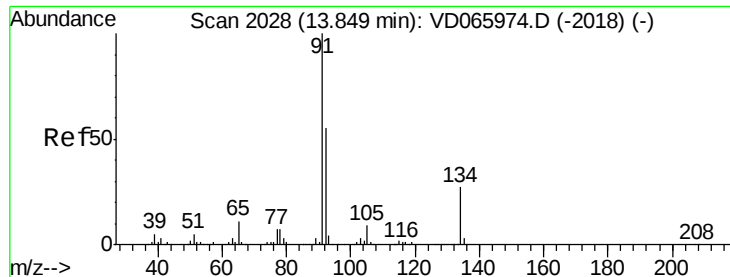
Tgt Ion:146 Resp: 279697
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 55.6
 148 63.9 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 49.126 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion:146 Resp: 274350
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.4
 148 66.3 32.2 96.6

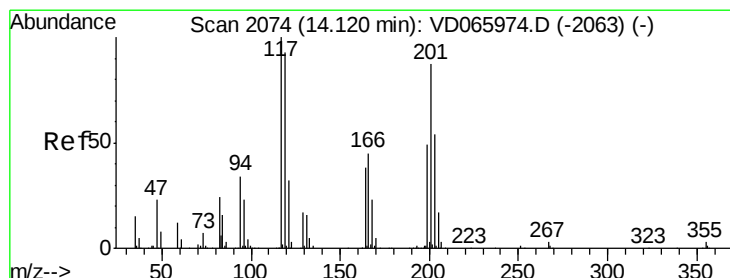
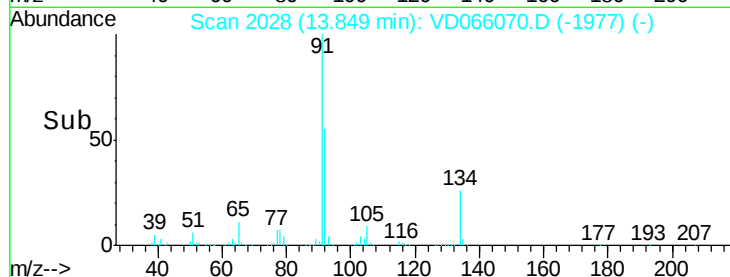
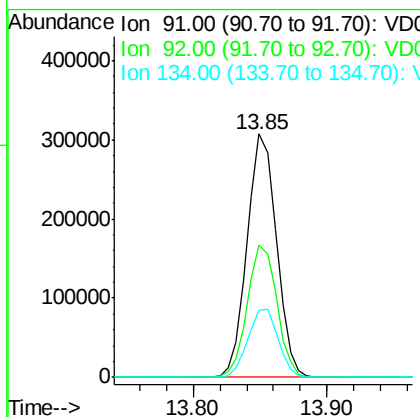
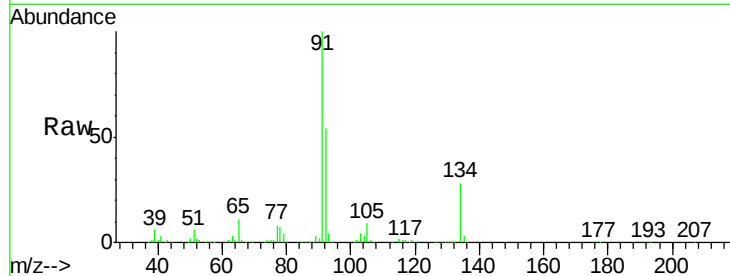




#89
n-Butylbenzene
Concen: 47.874 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

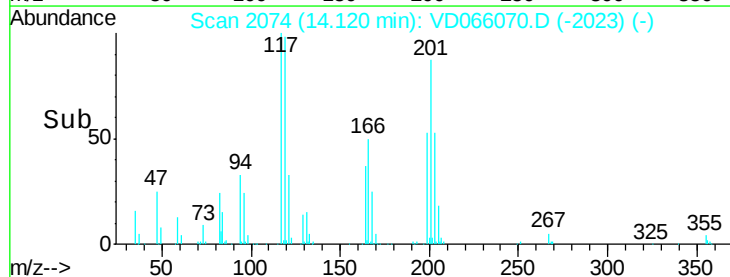
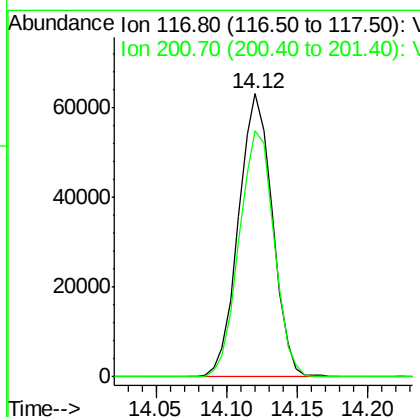
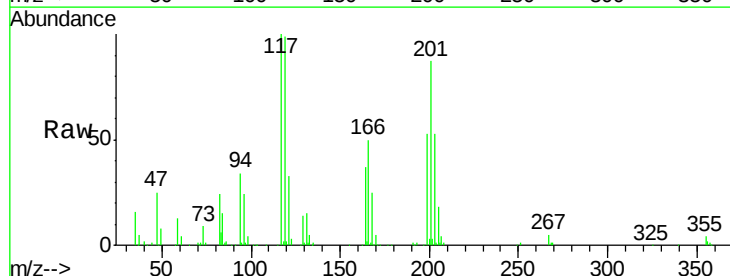
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

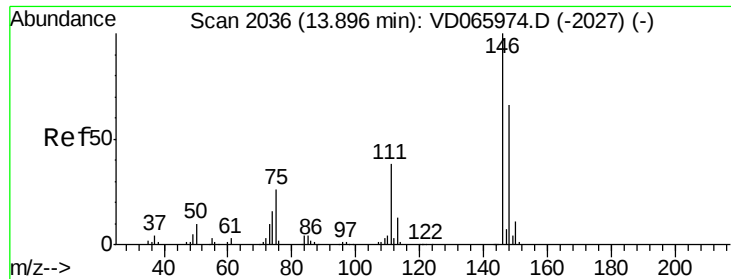
Tgt Ion: 91 Resp: 466263
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.6
134 28.9 13.8 41.4



#90
Hexachloroethane
Concen: 48.892 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066070.D
Acq: 27 Jul 2020 16:41

Tgt Ion: 117 Resp: 106013
Ion Ratio Lower Upper
117 100
201 89.4 42.0 126.1

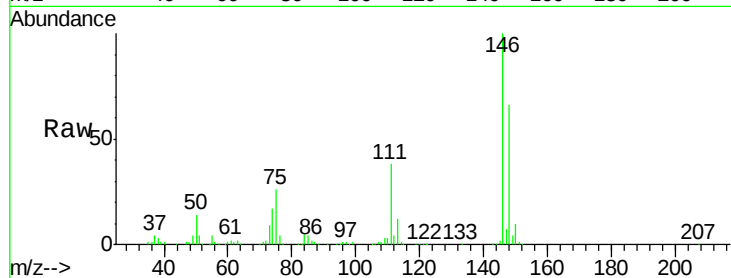




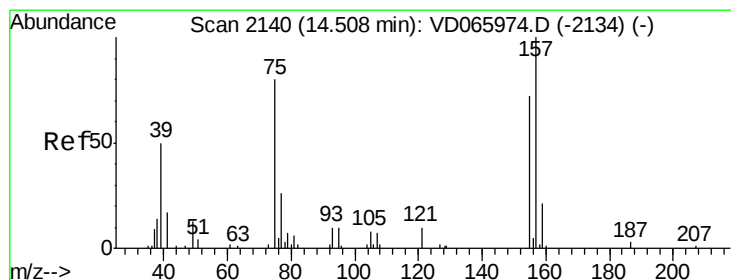
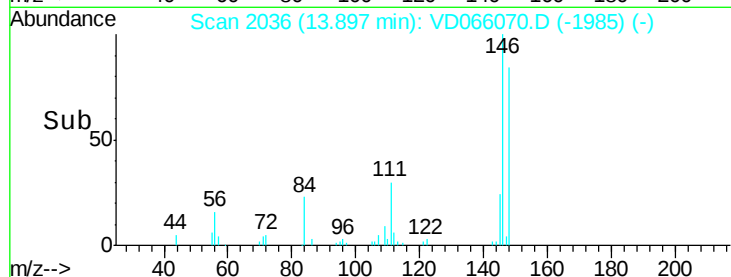
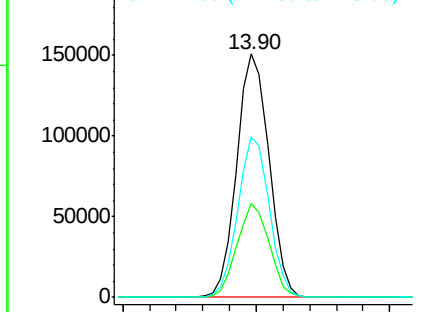
#91
 1,2-Dichlorobenzene
 Concen: 52.693 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 252242
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.9
 148 64.5 32.7 98.1

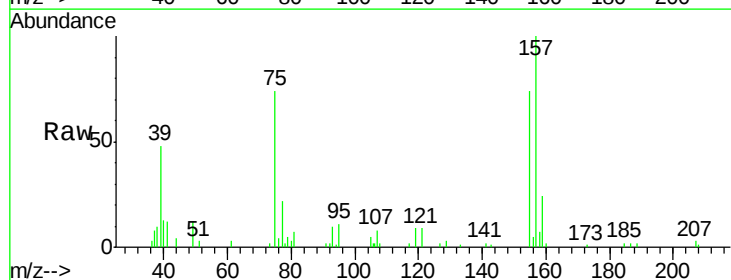


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

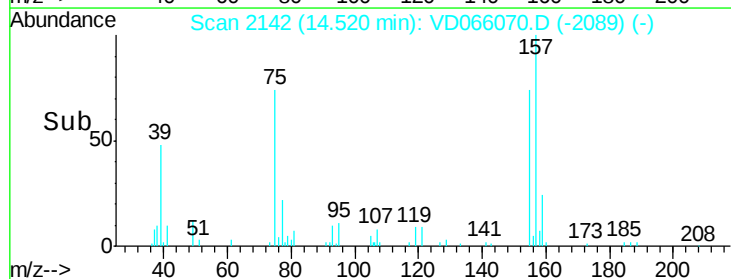
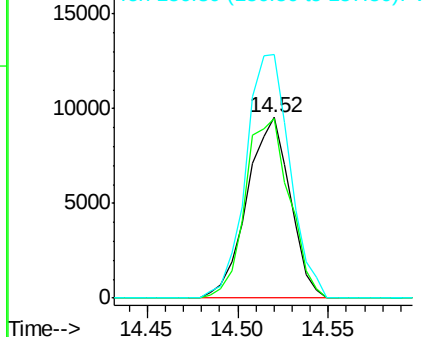


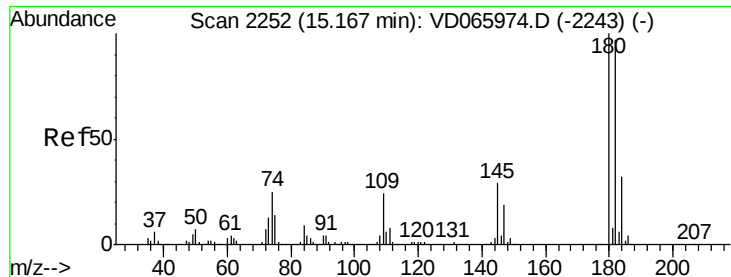
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.774 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion: 75 Resp: 15696
 Ion Ratio Lower Upper
 75 100
 155 102.3 48.5 145.5
 157 137.7 64.7 194.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

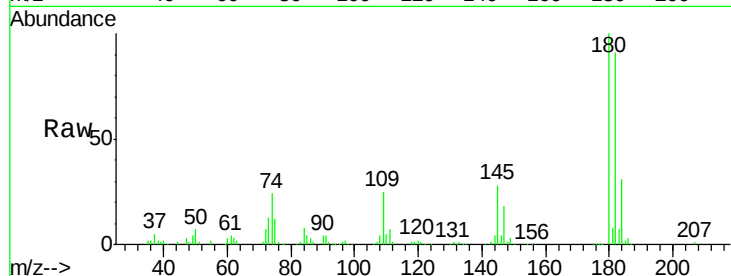




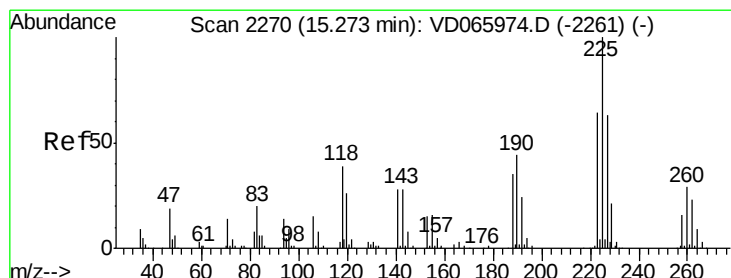
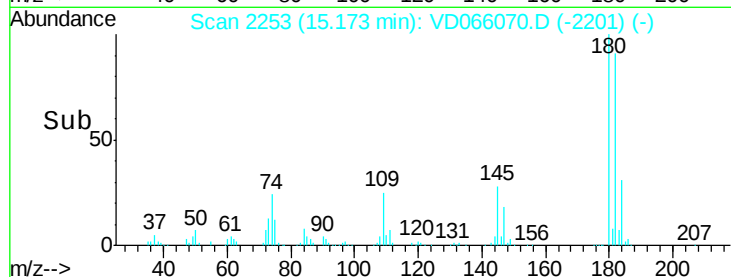
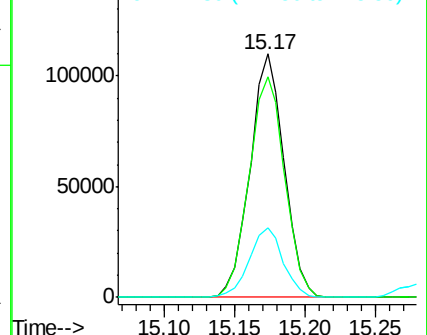
#93
 1,2,4-Trichlorobenzene
 Concen: 54.005 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 185565
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.1 144.3
 145 28.5 14.7 44.1

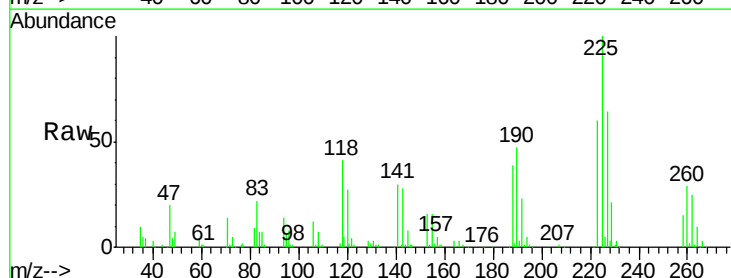


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

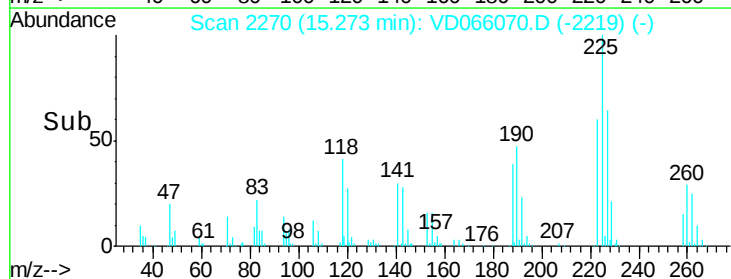
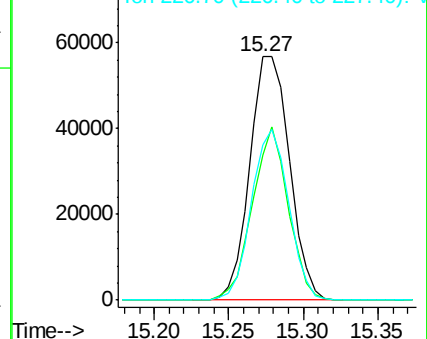


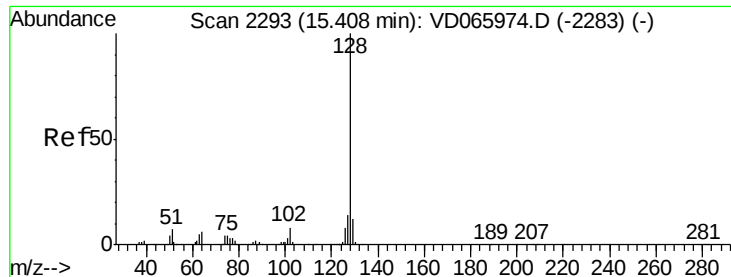
#94
 Hexachlorobutadiene
 Concen: 49.183 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066070.D
 Acq: 27 Jul 2020 16:41

Tgt Ion:225 Resp: 104479
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.2 93.6
 227 65.6 31.6 94.8



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: 50.270 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

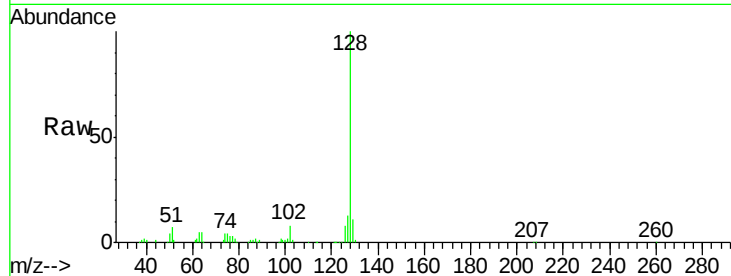
Tgt Ion:128 Resp: 307301

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

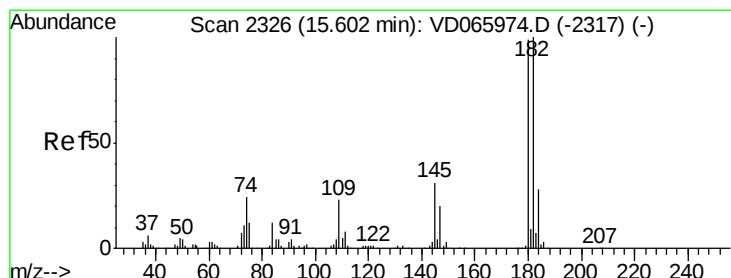
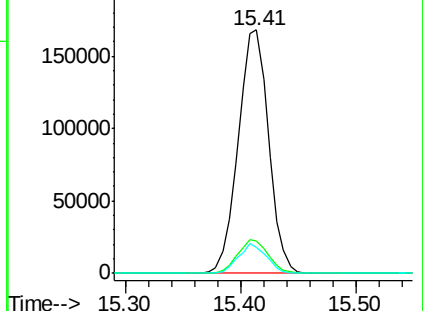
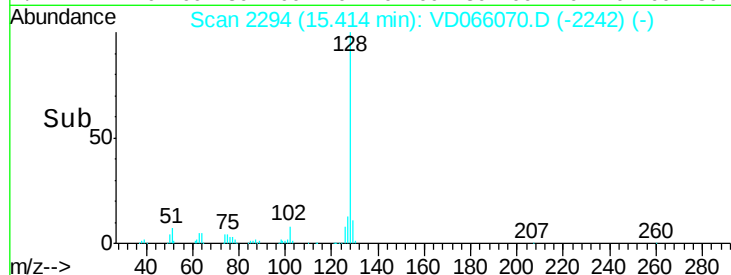
129 11.3 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.077 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066070.D

Acq: 27 Jul 2020 16:41

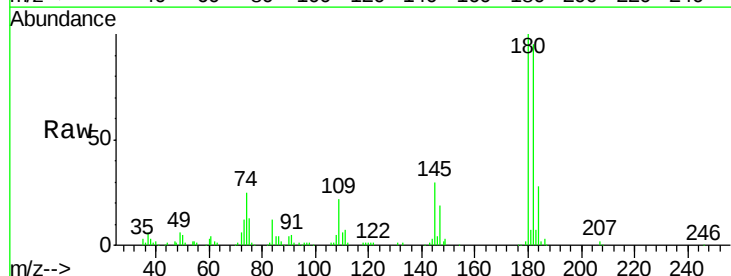
Tgt Ion:180 Resp: 167508

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.6

145 30.5 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

