

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065933.D
 Acq On : 07 Jul 2020 20:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 08 09:51:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	399061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	622663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	577053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277482	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	169989	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.92	113	181851	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	10.34	98	654396	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.63	95	230699	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	143266	40.383	ug/l	94
3) Chloromethane	2.21	50	146754	41.728	ug/l	95
4) Vinyl Chloride	2.35	62	135971	42.107	ug/l	94
5) Bromomethane	2.77	94	90213	44.104	ug/l	99
6) Chloroethane	2.92	64	85410	44.247	ug/l	95
7) Trichlorofluoromethane	3.27	101	306146	44.235	ug/l	99
8) Diethyl Ether	3.71	74	94763	49.910	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	185822	44.887	ug/l	99
10) Methyl Iodide	4.30	142	200943	46.281	ug/l	98
11) Tert butyl alcohol	5.22	59	61902	281.635	ug/l	97
12) 1,1-Dichloroethene	4.07	96	177768	45.965	ug/l	94
13) Acrolein	3.92	56	40045	222.745	ug/l	99
14) Allyl chloride	4.71	41	316871	48.348	ug/l	99
15) Acrylonitrile	5.42	53	219140	263.608	ug/l	99
16) Acetone	4.16	43	174298	210.294	ug/l	98
17) Carbon Disulfide	4.41	76	564251	45.789	ug/l	99
18) Methyl Acetate	4.72	43	96119	49.473	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	428916	52.384	ug/l	99
20) Methylene Chloride	4.97	84	232825	51.221	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	212285	48.787	ug/l	95
22) Diisopropyl ether	6.36	45	635166	51.569	ug/l	98
23) Vinyl Acetate	6.31	43	1835820	261.128	ug/l	100
24) 1,1-Dichloroethane	6.27	63	360420	49.075	ug/l	99
25) 2-Butanone	7.21	43	266564	243.389	ug/l	94
26) 2,2-Dichloropropane	7.21	77	286233	44.550	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	231061	49.422	ug/l	98
28) Bromochloromethane	7.55	49	127905	46.101	ug/l	99
29) Tetrahydrofuran	7.56	42	179175	257.277	ug/l	100
30) Chloroform	7.71	83	362693	48.713	ug/l	100
31) Cyclohexane	7.98	56	318260	44.043	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	322859	47.516	ug/l	100
36) 1,1-Dichloropropene	8.11	75	279982	45.528	ug/l	99
37) Ethyl Acetate	7.29	43	124588	48.351	ug/l	97
38) Carbon Tetrachloride	8.10	117	297482	45.131	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	338899	44.887	ug/l	98
40) Benzene	8.35	78	818941	48.203	ug/l	99
41) Methacrylonitrile	7.53	41	87093	58.216	ug/l	93
42) 1,2-Dichloroethane	8.43	62	231526	48.105	ug/l	98
43) Isopropyl Acetate	8.46	43	240957	50.239	ug/l	98
44) Trichloroethene	9.11	130	227721	45.619	ug/l	94
45) 1,2-Dichloropropane	9.39	63	205751	48.794	ug/l	98
46) Dibromomethane	9.48	93	107727	49.071	ug/l	98
47) Bromodichloromethane	9.66	83	288902	49.059	ug/l	99
48) Methyl methacrylate	9.46	41	127133	52.654	ug/l	98
49) 1,4-Dioxane	9.46	88	26695	1023.395	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	614342	253.357	ug/l	99
52) Toluene	10.41	92	519417	48.056	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	271112	48.963	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	324576	48.512	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	150424	49.732	ug/l	98
56) Ethyl methacrylate	10.66	69	192317	52.057	ug/l	99
57) 1,3-Dichloropropane	10.95	76	262066	49.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	432084	241.500	ug/l	99
59) 2-Hexanone	10.98	43	414261	248.413	ug/l	99
60) Dibromochloromethane	11.14	129	206440	49.955	ug/l	100
61) 1,2-Dibromoethane	11.25	107	146901	48.711	ug/l	99
64) Tetrachloroethene	10.88	164	194042	46.239	ug/l	97
65) Chlorobenzene	11.67	112	564585	48.551	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	211088	48.532	ug/l	100
67) Ethyl Benzene	11.74	91	980064	47.441	ug/l	99
68) m/p-Xylenes	11.86	106	756609	96.398	ug/l	99
69) o-Xylene	12.18	106	354015	49.514	ug/l	100
70) Styrene	12.20	104	611566	49.550	ug/l	100
71) Bromoform	12.36	173	119571	48.584	ug/l #	98
73) Isopropylbenzene	12.48	105	940889	48.585	ug/l	99
74) N-amyl acetate	12.29	43	223450	51.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	160828	50.023	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	208897	89.744	ug/l #	100
77) Bromobenzene	12.76	156	234651	49.958	ug/l	99
78) n-propylbenzene	12.82	91	1093991	48.184	ug/l	100
79) 2-Chlorotoluene	12.91	91	634616	49.270	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	779935	49.239	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	55024	50.793	ug/l	96
82) 4-Chlorotoluene	13.01	91	647196	47.892	ug/l	99
83) tert-Butylbenzene	13.23	119	666458	49.385	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	770045	48.838	ug/l	98
85) sec-Butylbenzene	13.40	105	931003	48.680	ug/l	99
86) p-Isopropyltoluene	13.52	119	852910	48.758	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	431911	49.141	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	426609	48.653	ug/l	99
89) n-Butylbenzene	13.84	91	782587	47.641	ug/l	99
90) Hexachloroethane	14.11	117	169715	48.112	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	379469	49.398	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25639	47.691	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

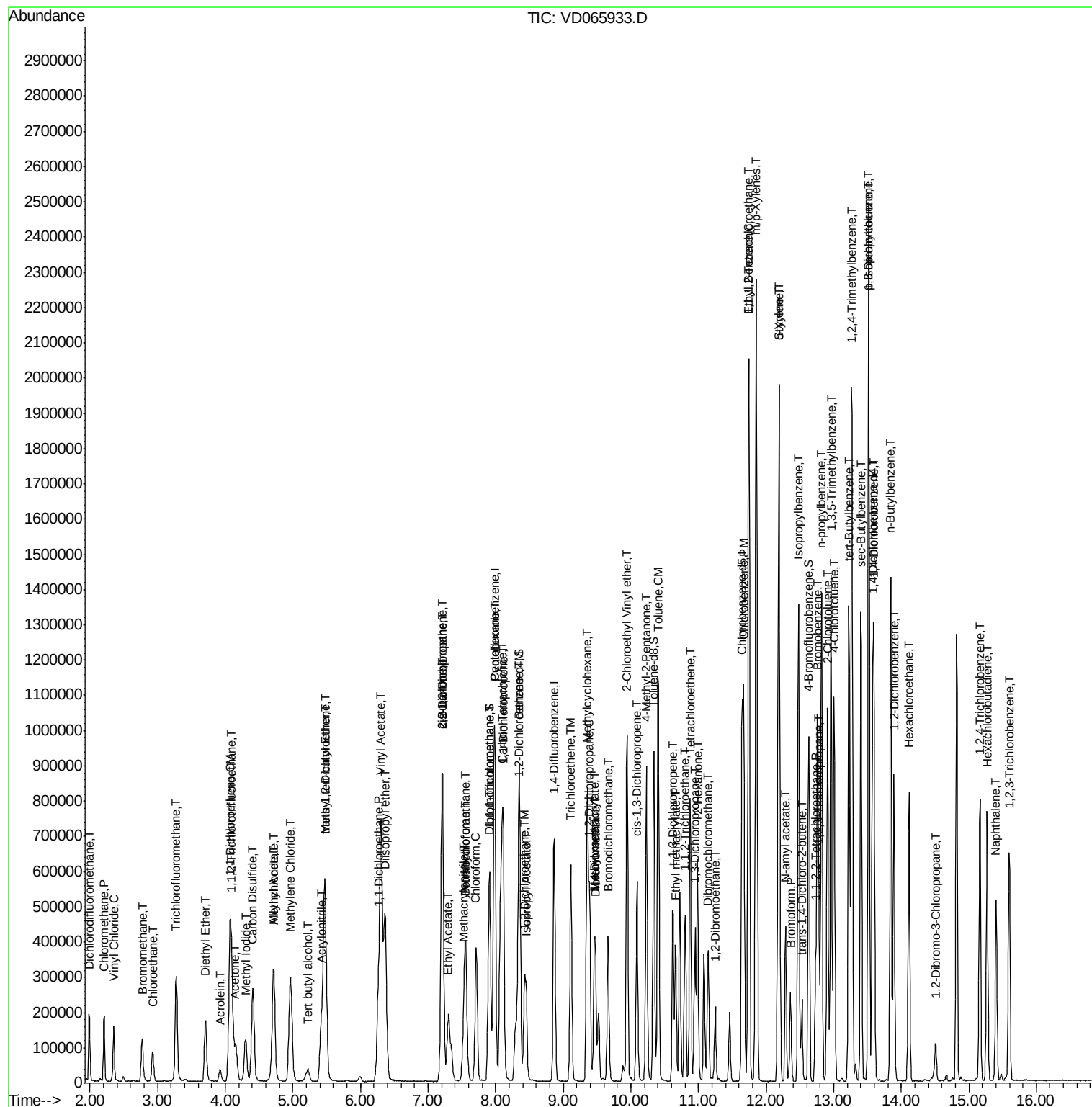
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	264563	48.323	ug/l	100
94) Hexachlorobutadiene	15.27	225	155640	46.996	ug/l	99
95) Naphthalene	15.40	128	471502	51.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	233276	49.398	ug/l	99

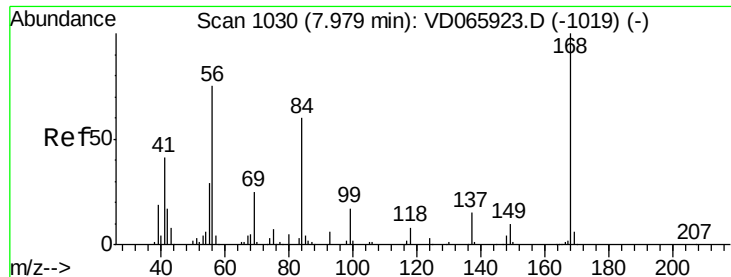
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

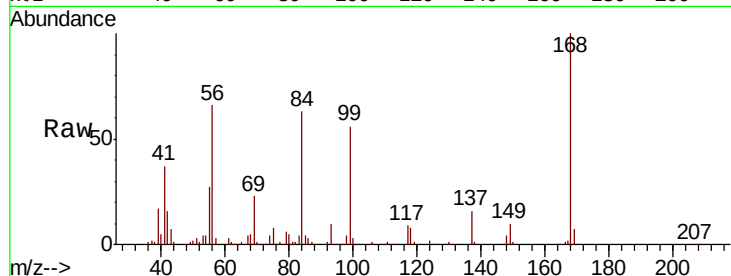
VSTDCCC050EC

Tot Ion:168 Resp: 399061

Ion Ratio Lower Upper

168 100

99 55.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

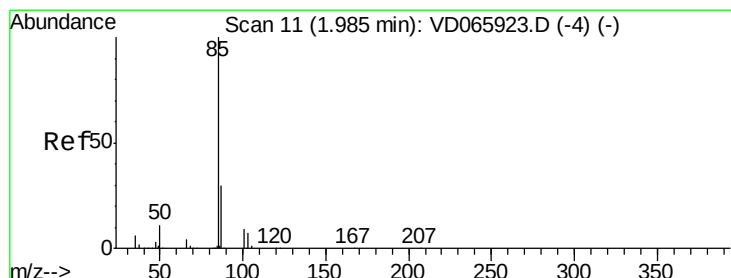
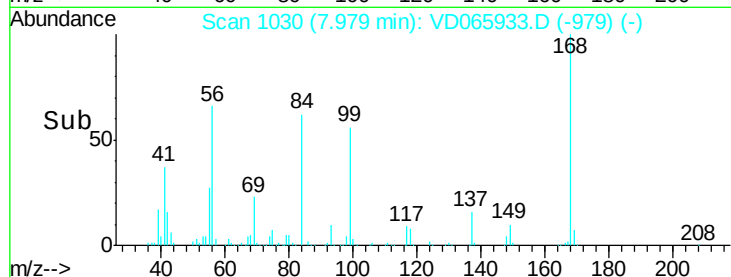
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.383 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065933.D

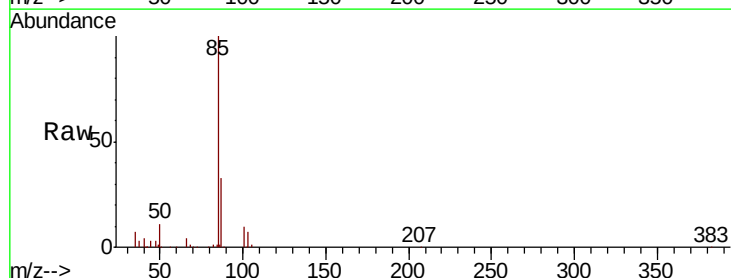
Acq: 07 Jul 2020 20:53

Tgt Ion: 85 Resp: 143266

Ion Ratio Lower Upper

85 100

87 33.1 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

120000

100000

80000

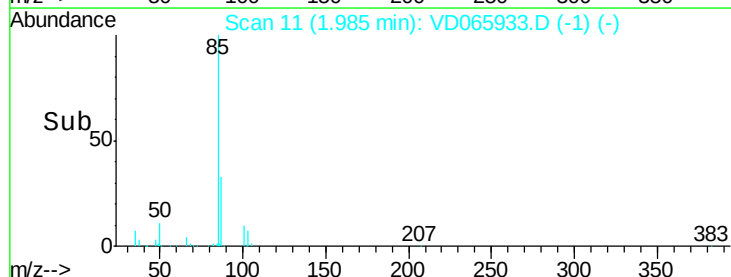
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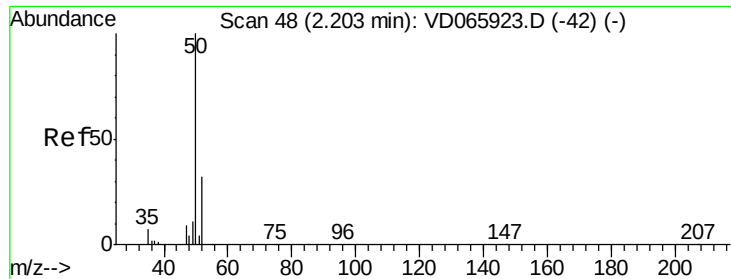
40000

20000

0

Time-->





#3

Chloromethane

Concen: 41.728 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

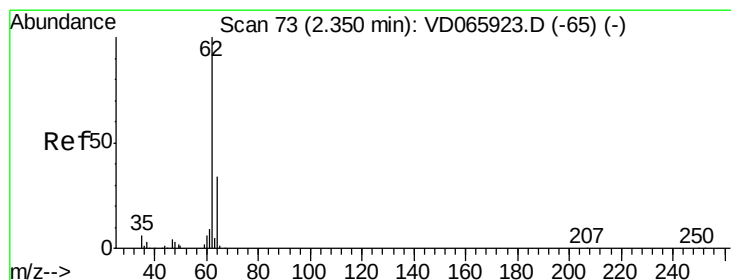
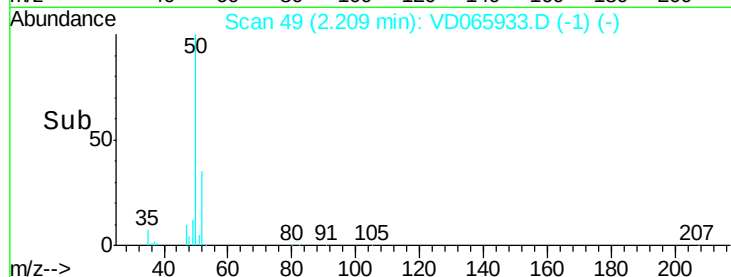
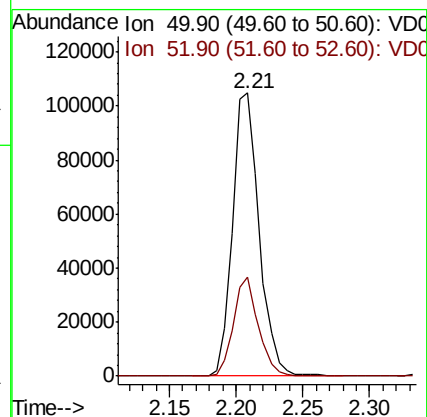
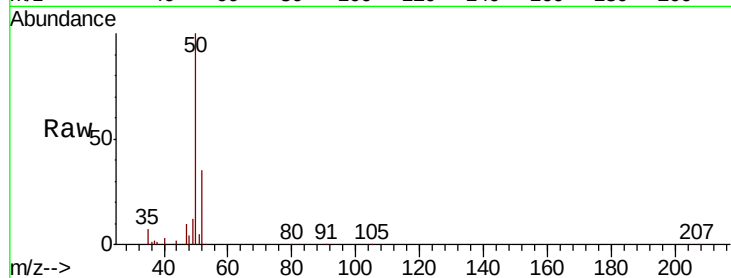
VSTDCCC050EC

Tot Ion: 50 Resp: 146754

Ion Ratio Lower Upper

50 100

52 35.0 25.6 38.4



#4

Vinyl Chloride

Concen: 42.107 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065933.D

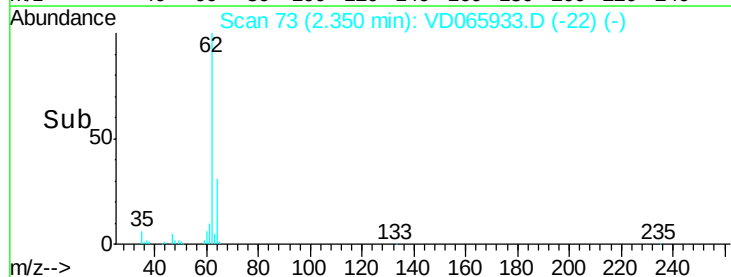
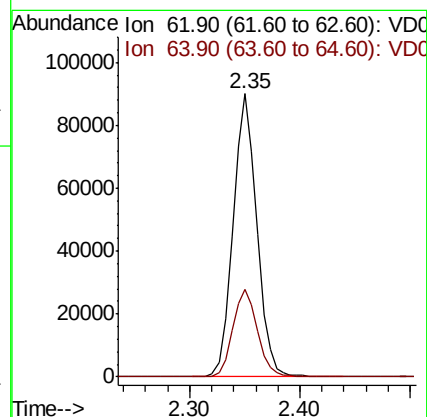
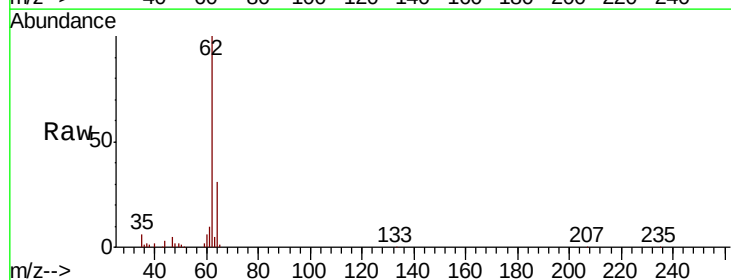
Acq: 07 Jul 2020 20:53

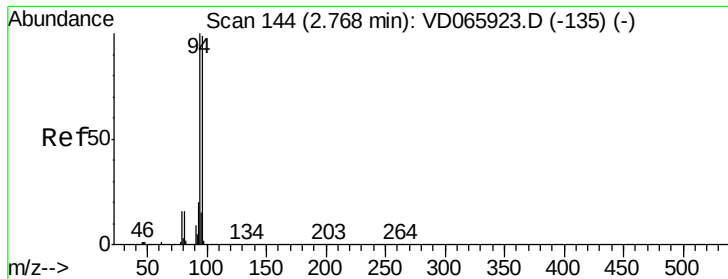
Tgt Ion: 62 Resp: 135971

Ion Ratio Lower Upper

62 100

64 30.8 27.2 40.8





#5

Bromomethane

Concen: 44.104 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

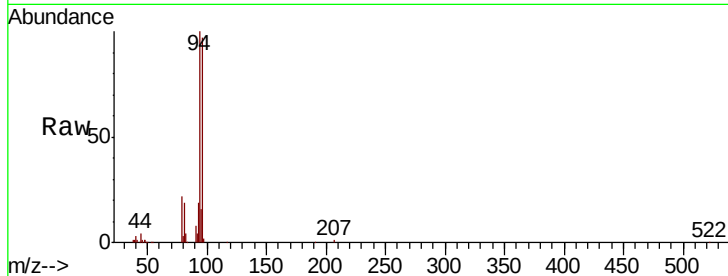
VSTDCCC050EC

Tot Ion: 94 Resp: 90213

Ion Ratio Lower Upper

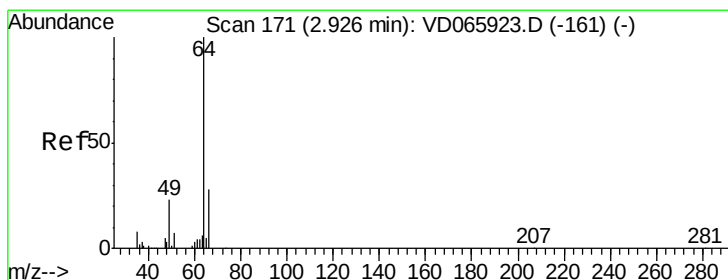
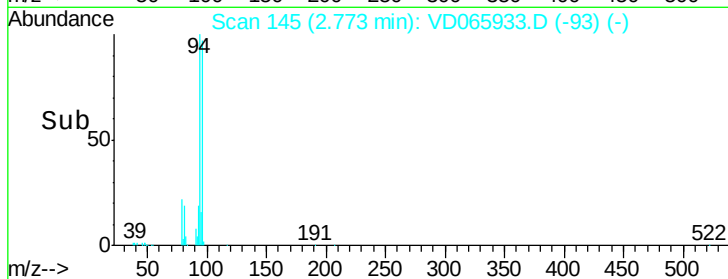
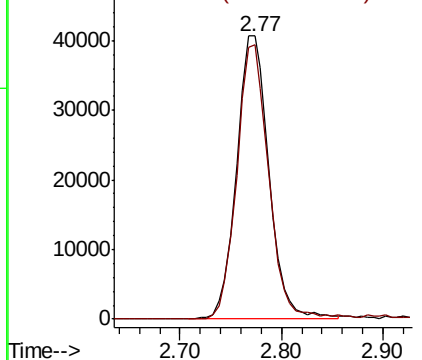
94 100

96 97.1 78.8 118.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.247 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065933.D

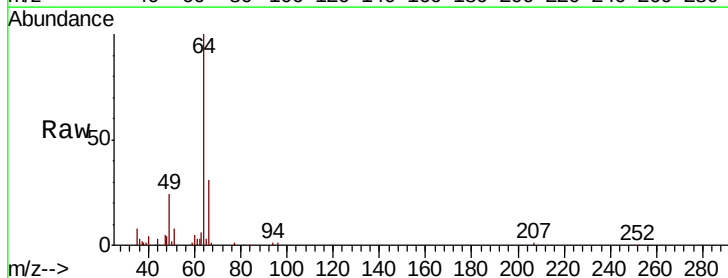
Acq: 07 Jul 2020 20:53

Tgt Ion: 64 Resp: 85410

Ion Ratio Lower Upper

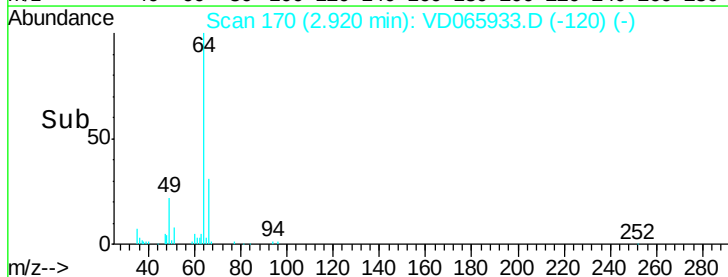
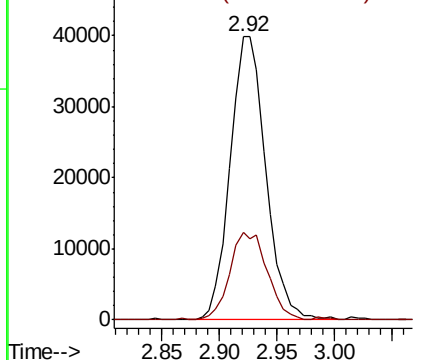
64 100

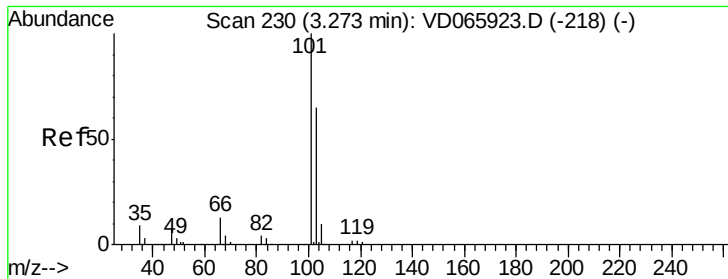
66 31.0 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



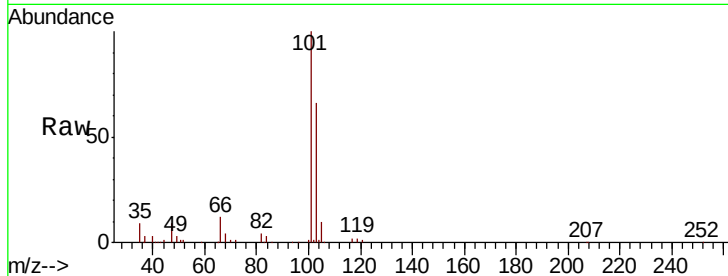


#7

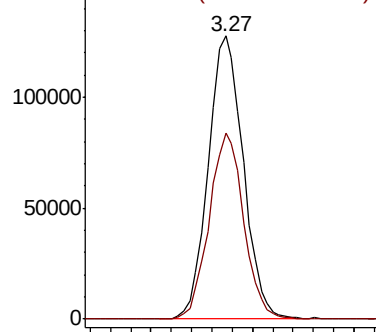
Trichlorofluoromethane
 Concen: 44.235 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

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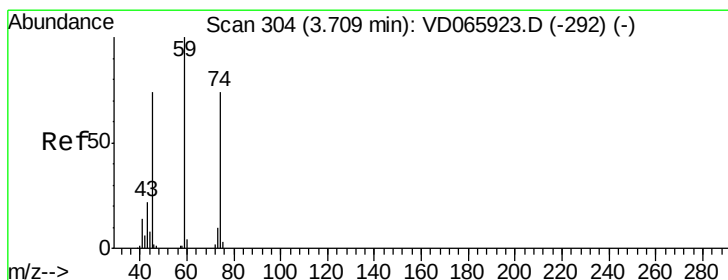
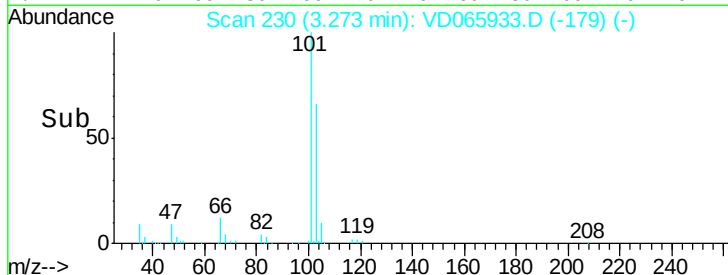
Tot Ion:101 Resp: 306146
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V
 150000 Ion 102.80 (102.50 to 103.50): V



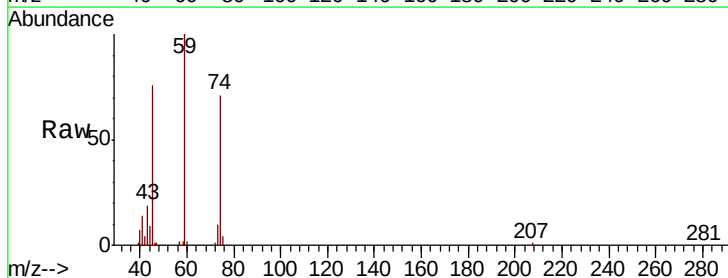
Time-->



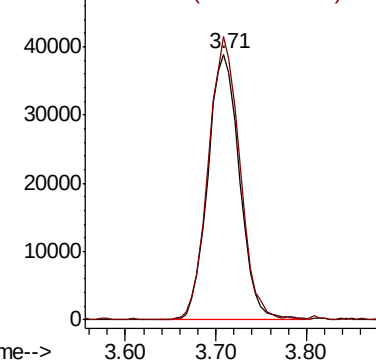
#8

Diethyl Ether
 Concen: 49.910 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

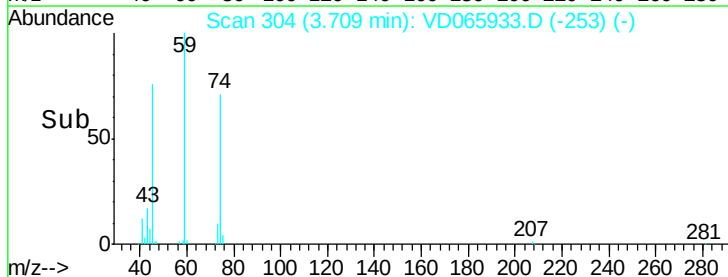
Tgt Ion: 74 Resp: 94763
 Ion Ratio Lower Upper
 74 100
 45 105.8 51.1 153.3

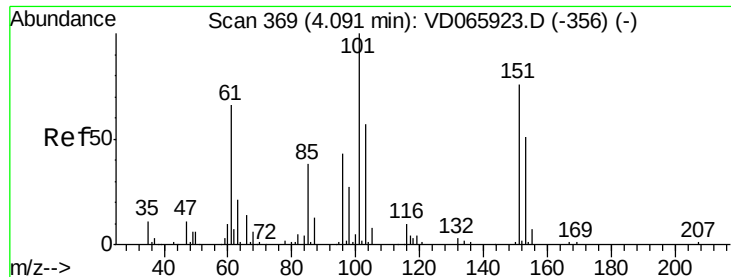


Abundance Ion 74.00 (73.70 to 74.70): VDC
 40000 Ion 45.00 (44.70 to 45.70): VDC



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.887 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065933.D

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Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

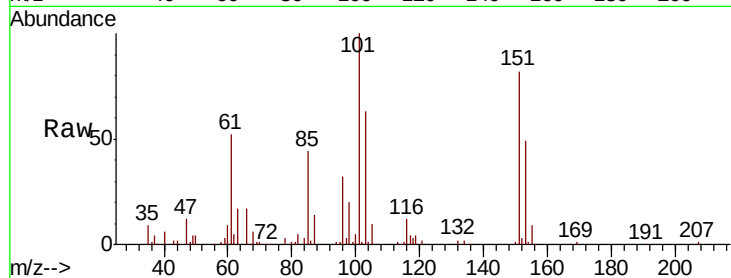
Tot Ion:101 Resp: 185822

Ion Ratio Lower Upper

101 100

85 42.0 33.8 50.8

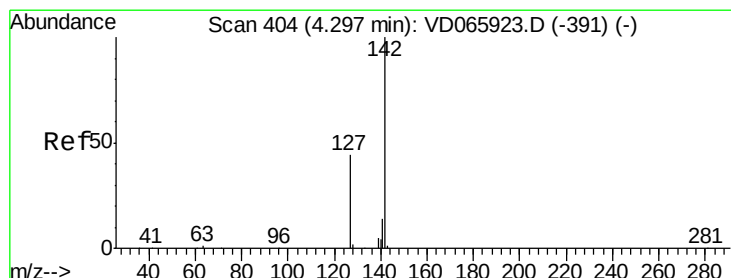
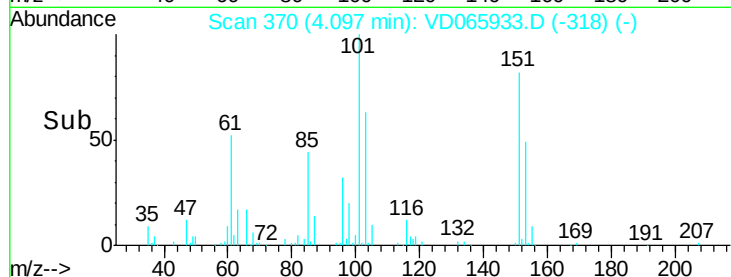
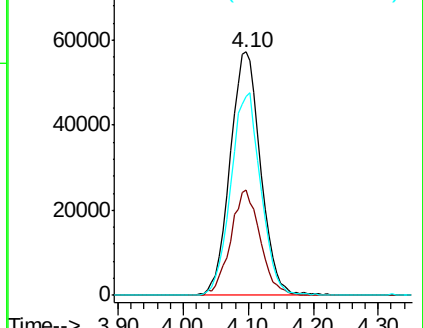
151 81.9 64.1 96.1



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: 46.281 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

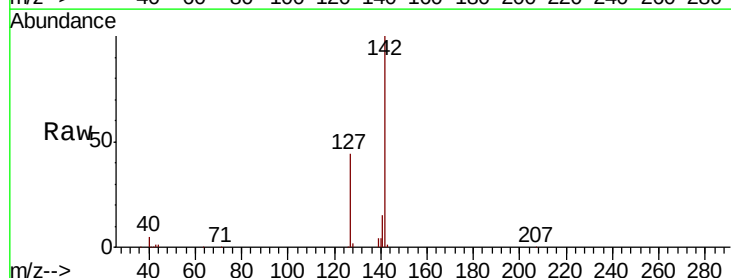
Tgt Ion:142 Resp: 200943

Ion Ratio Lower Upper

142 100

127 44.7 34.6 51.8

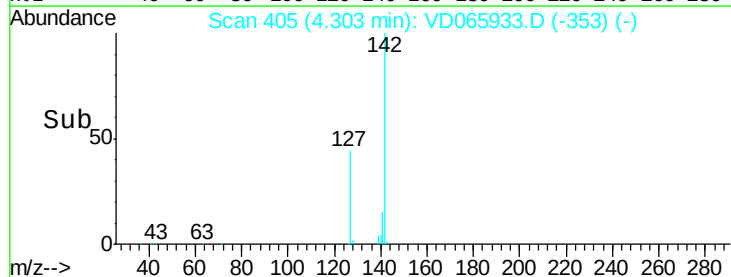
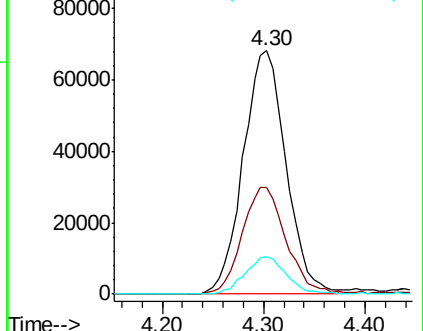
141 14.9 11.6 17.4

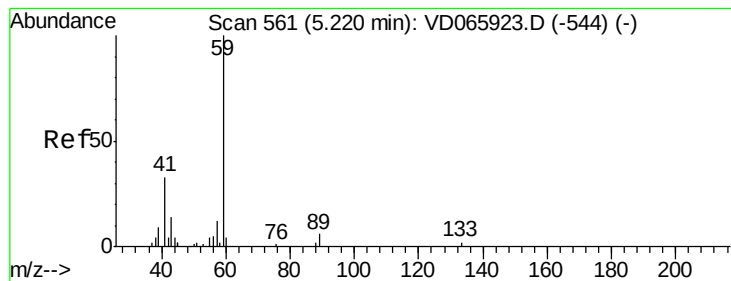


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



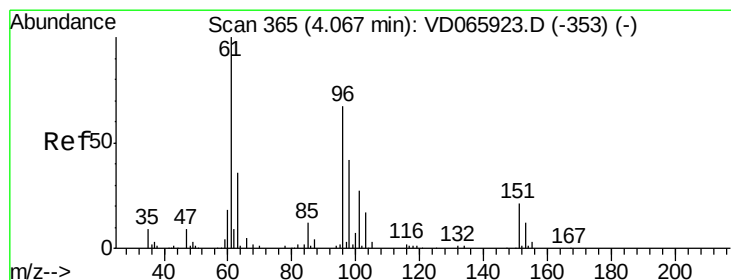
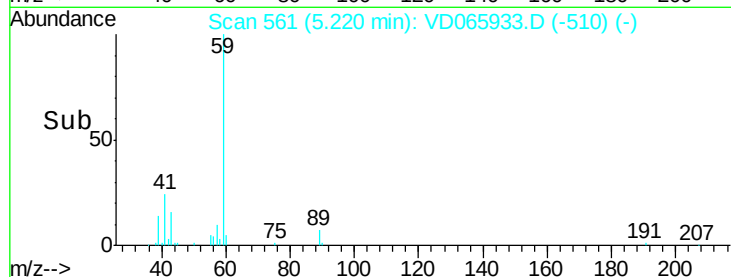
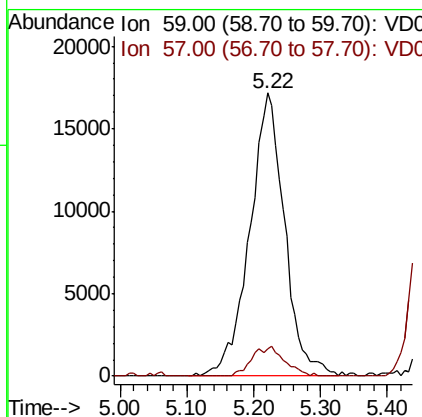
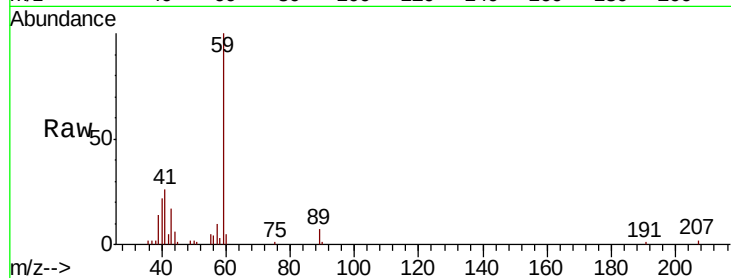


#11

Tert butyl alcohol
 Concen: 281.635 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

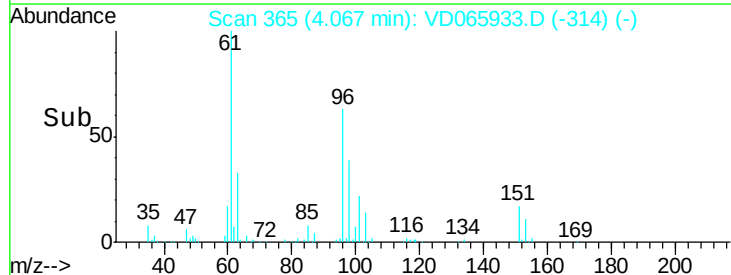
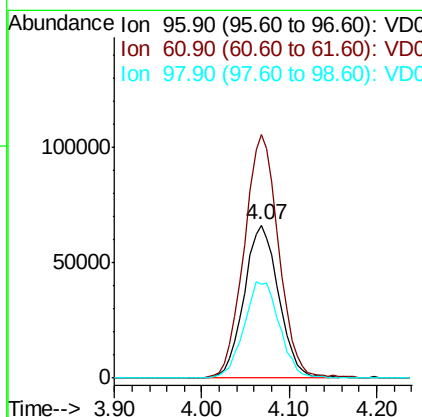
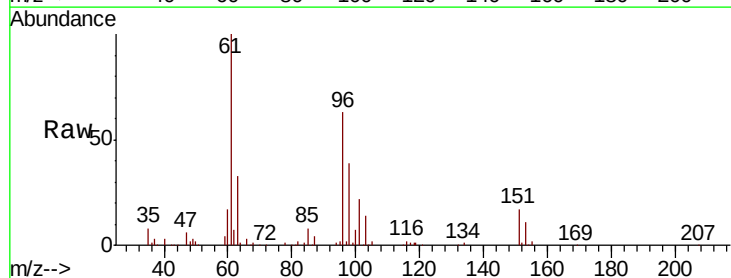
Tot Ion: 59 Resp: 61902
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.7 13.1

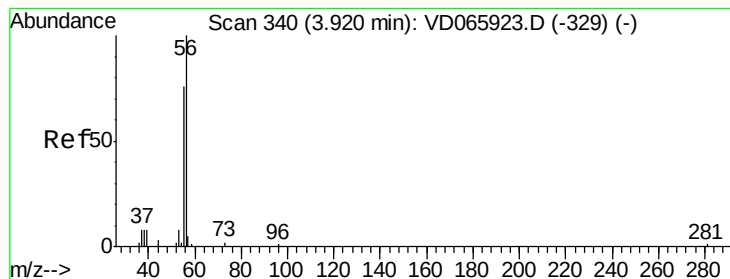


#12

1,1-Dichloroethene
 Concen: 45.965 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion: 96 Resp: 177768
 Ion Ratio Lower Upper
 96 100
 61 159.1 120.2 180.2
 98 61.6 50.6 76.0





#13

Acrolein

Concen: 222.745 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

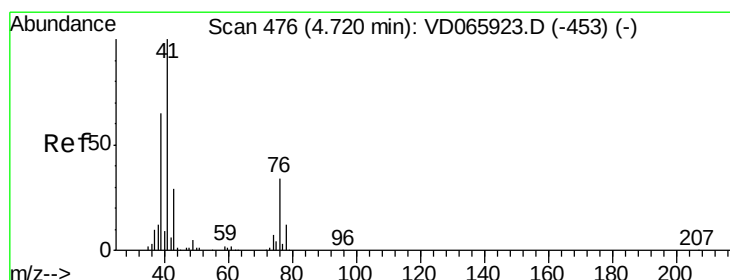
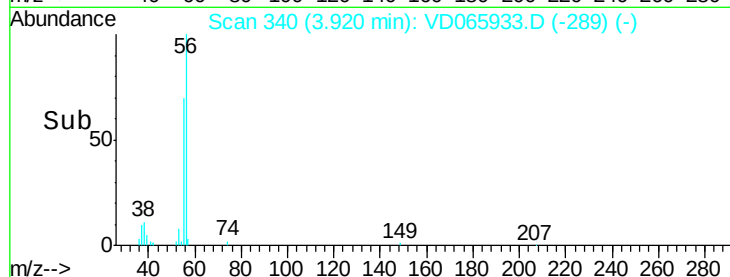
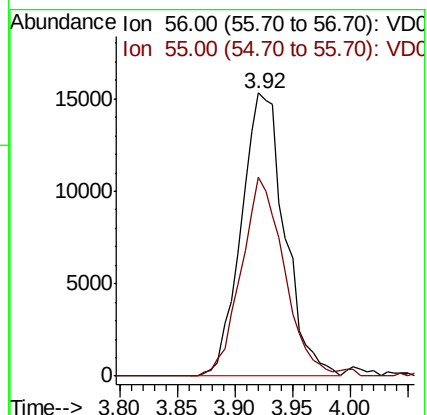
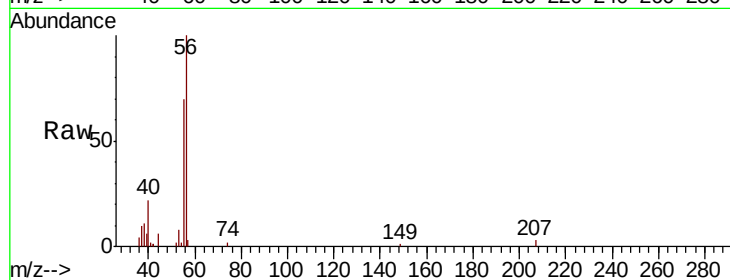
VSTDCCC050EC

Tot Ion: 56 Resp: 40045

Ion Ratio Lower Upper

56 100

55 69.5 55.0 82.6



#14

Allyl chloride

Concen: 48.348 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

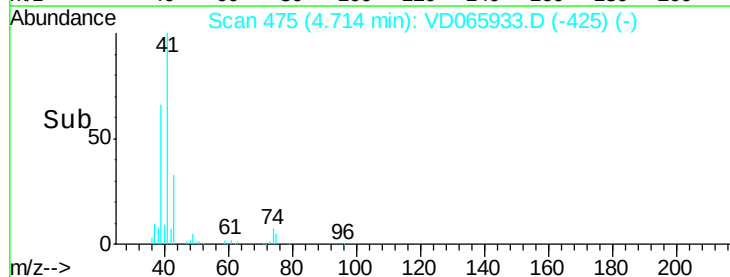
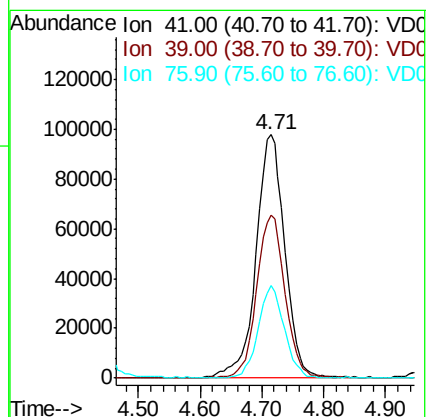
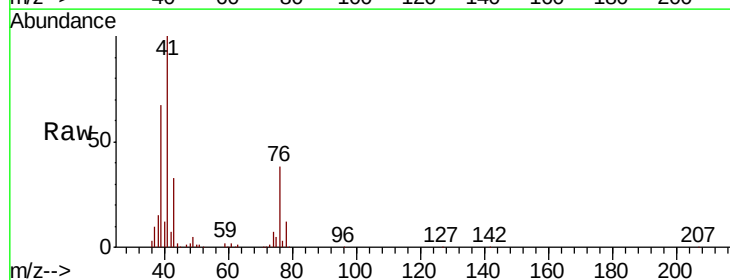
Tgt Ion: 41 Resp: 316871

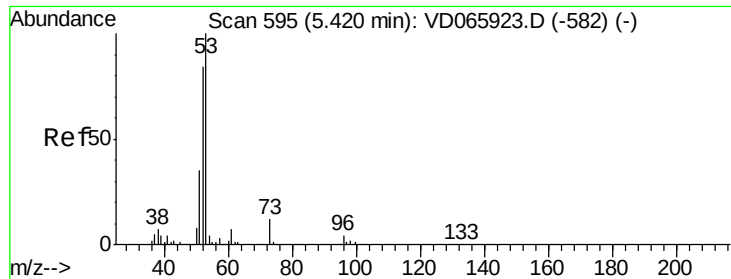
Ion Ratio Lower Upper

41 100

39 66.1 52.2 78.4

76 34.4 28.1 42.1





#15

Acrylonitrile

Concen: 263.608 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

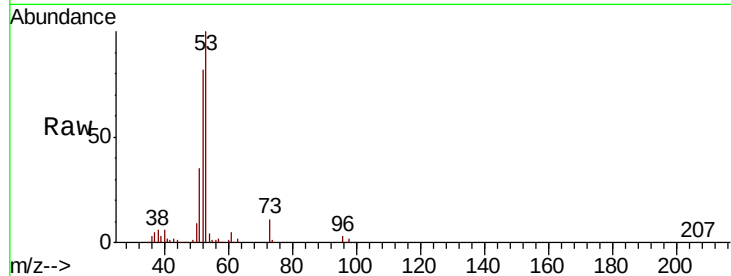
Tot Ion: 53 Resp: 219140

Ion Ratio Lower Upper

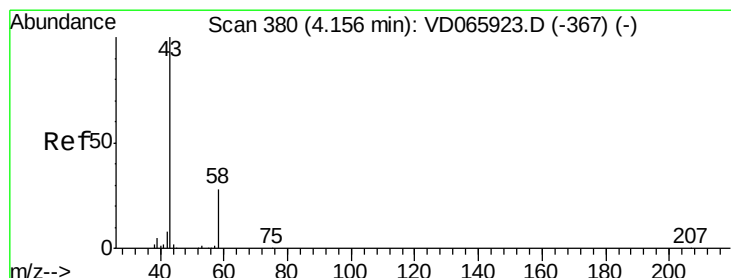
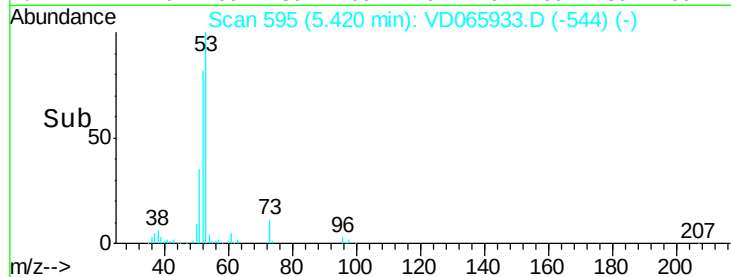
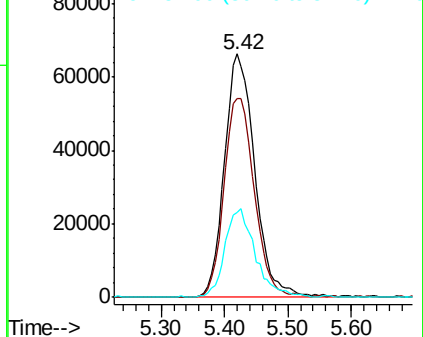
53 100

52 81.6 66.3 99.5

51 36.4 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 210.294 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065933.D

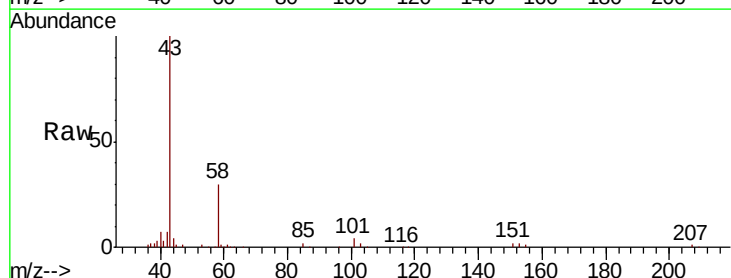
Acq: 07 Jul 2020 20:53

Tgt Ion: 43 Resp: 174298

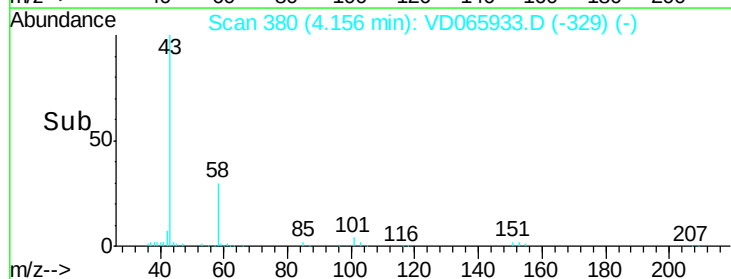
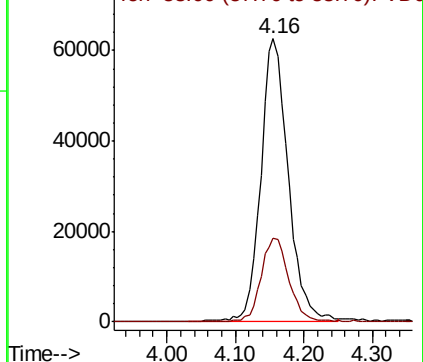
Ion Ratio Lower Upper

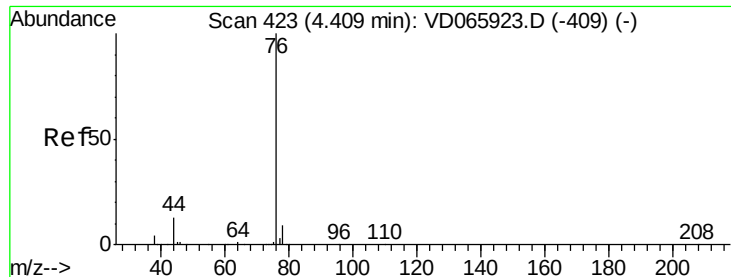
43 100

58 29.2 22.7 34.1



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

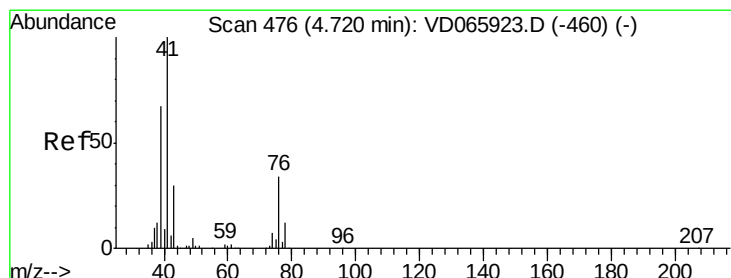
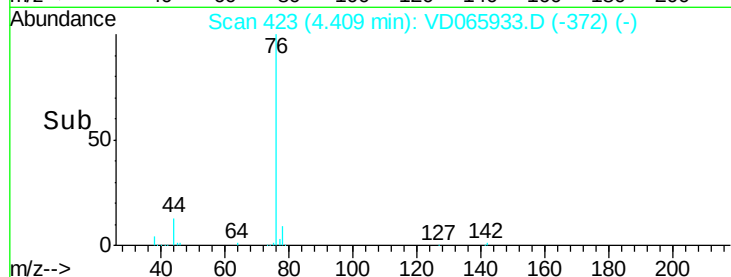
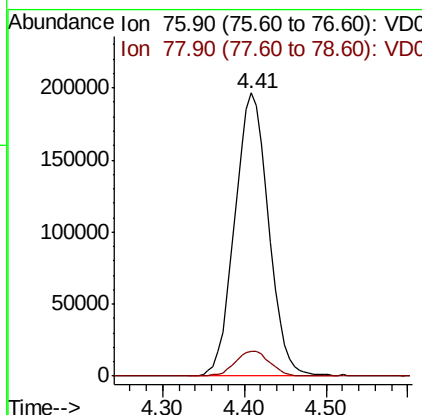
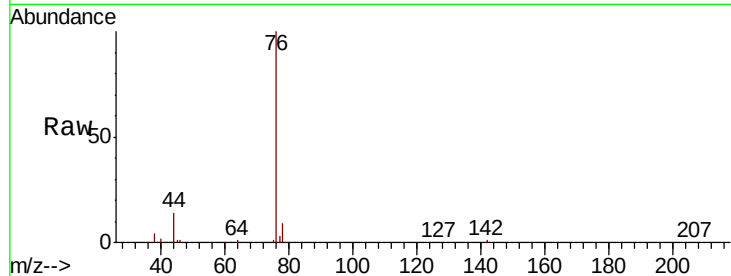




#17
Carbon Disulfide
Concen: 45.789 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

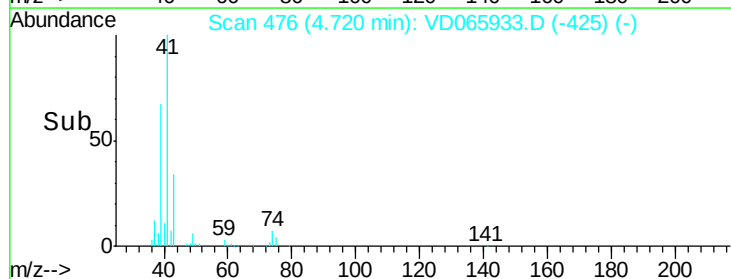
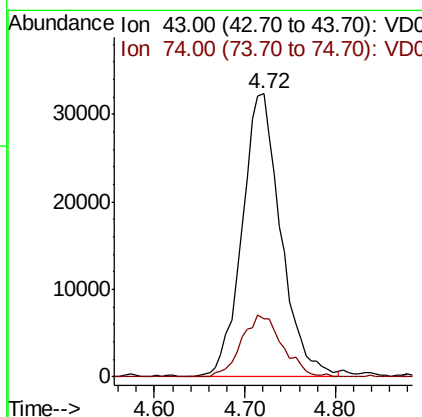
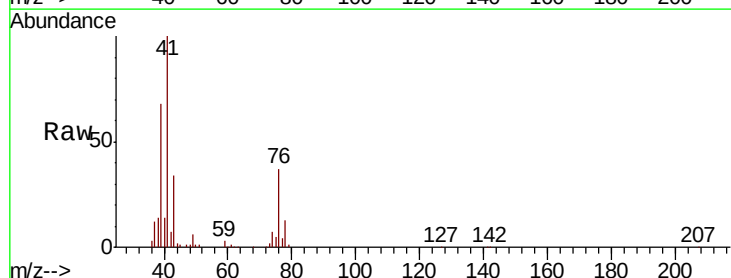
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

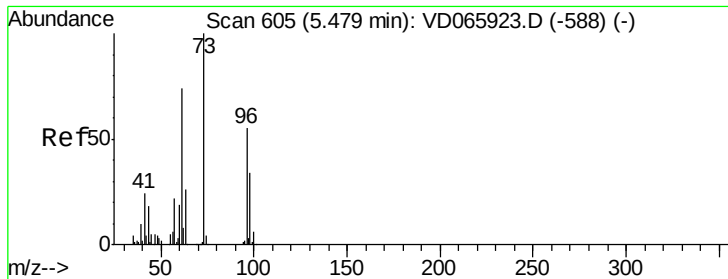
Tot Ion: 76 Resp: 564251
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 49.473 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 43 Resp: 96119
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.8

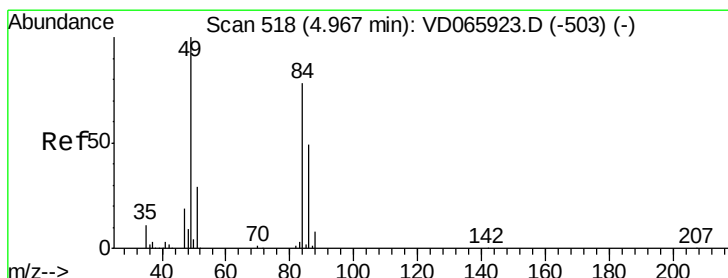
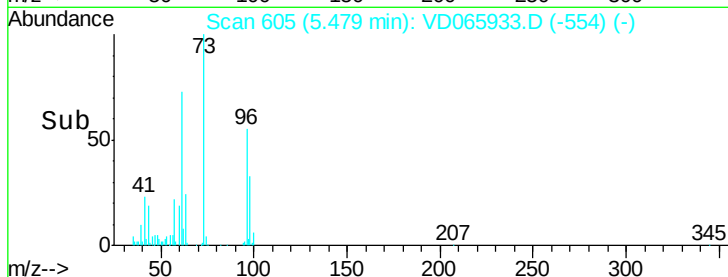
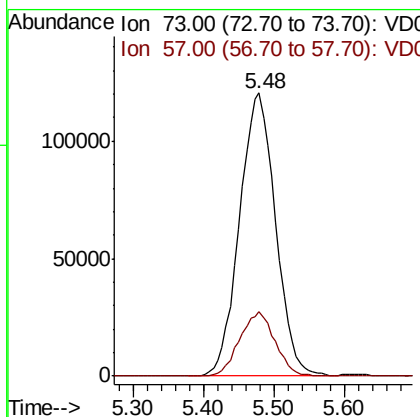
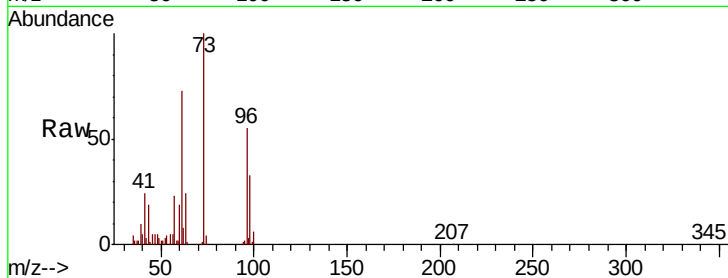




#19
Methyl tert-butyl Ether
Concen: 52.384 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

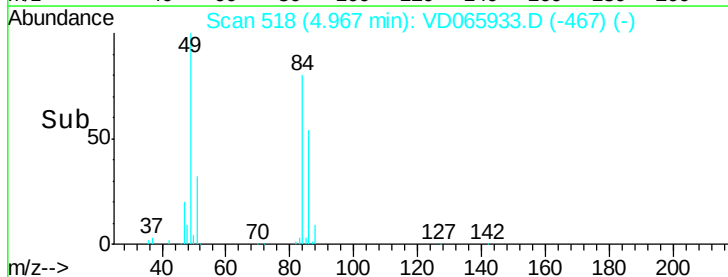
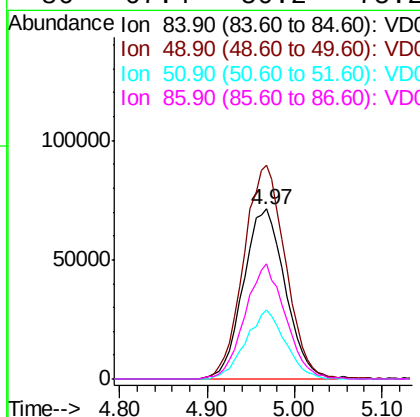
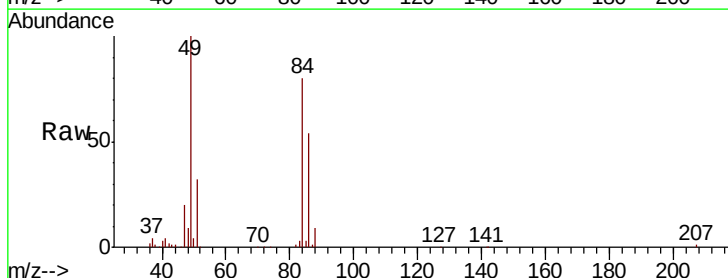
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

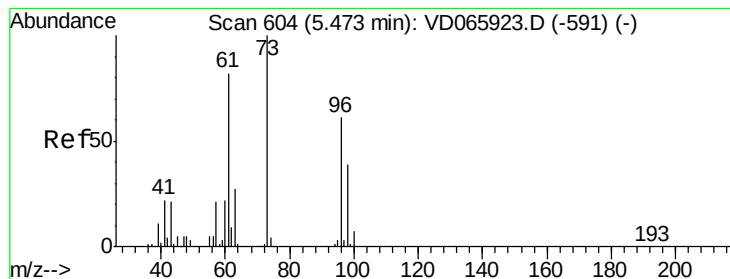
Tot Ion: 73 Resp: 428916
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 51.221 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 84 Resp: 232825
Ion Ratio Lower Upper
84 100
49 125.6 102.2 153.2
51 40.3 29.8 44.6
86 67.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.787 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

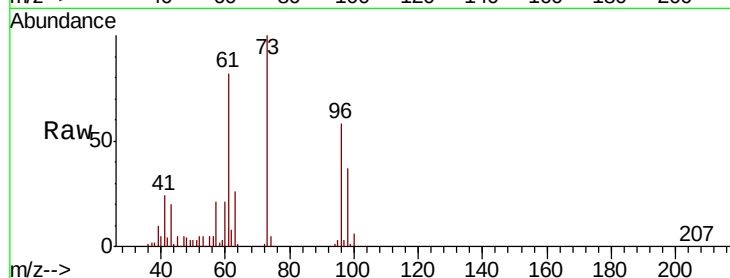
Tot Ion: 96 Resp: 212285

Ion Ratio Lower Upper

96 100

61 142.7 106.6 160.0

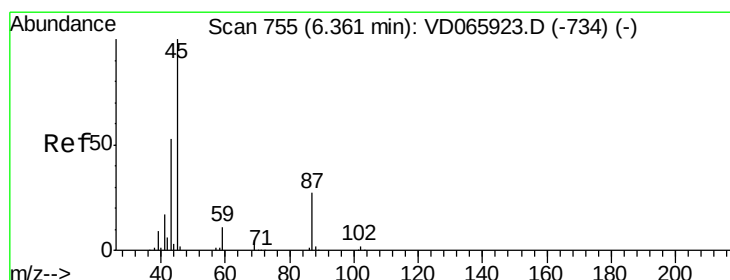
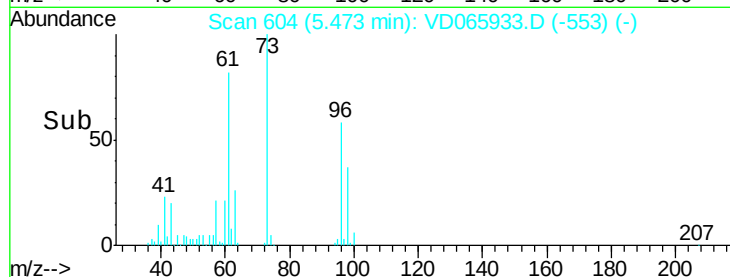
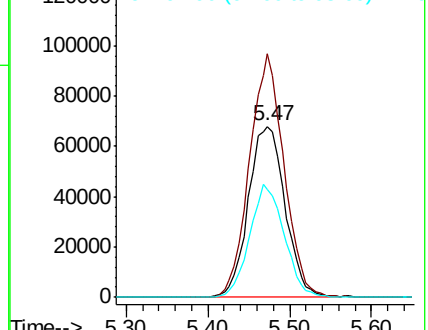
98 63.5 51.0 76.6



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: 51.569 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion: 45 Resp: 635166

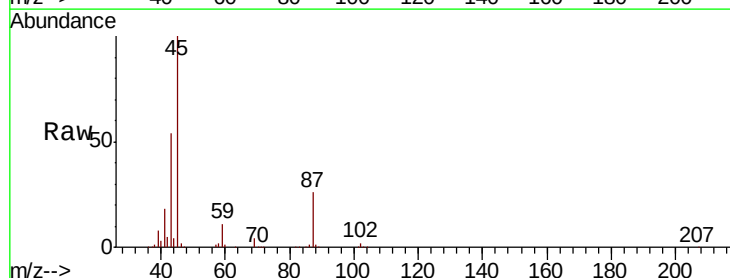
Ion Ratio Lower Upper

45 100

43 53.9 42.5 63.7

87 25.4 22.2 33.2

59 11.1 8.9 13.3

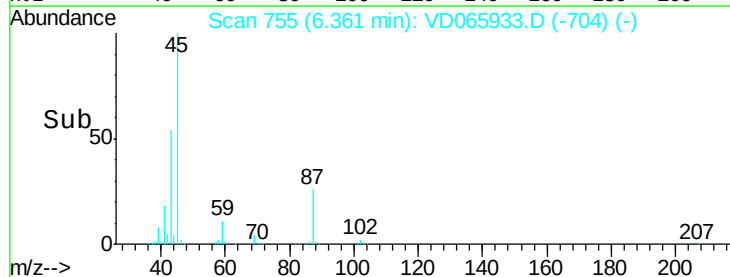
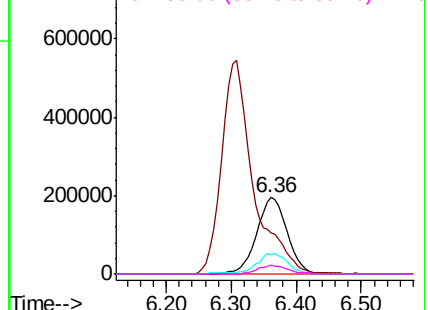


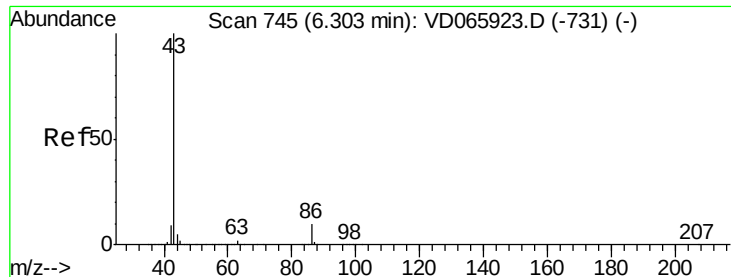
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 261.128 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

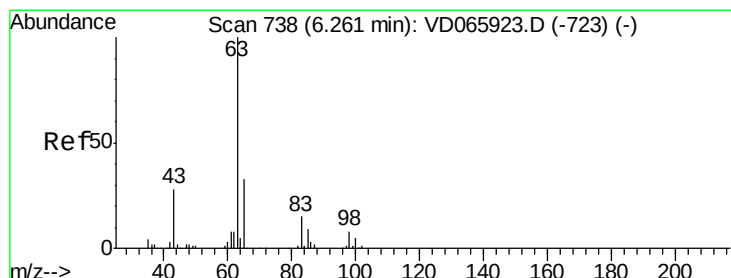
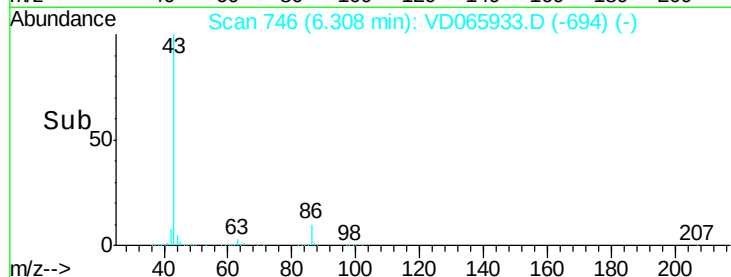
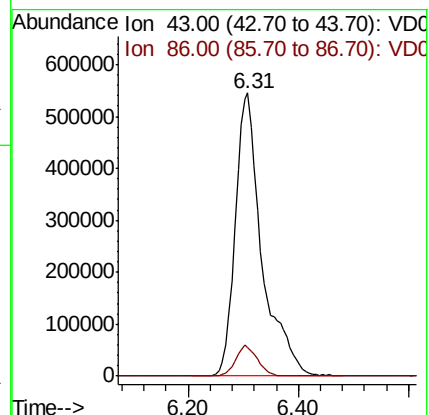
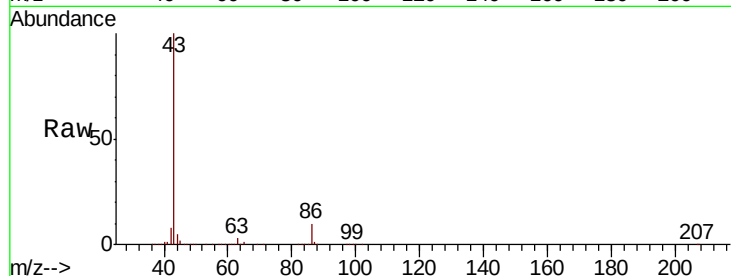
VSTDCCC050EC

Tot Ion: 43 Resp: 1835820

Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 49.075 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

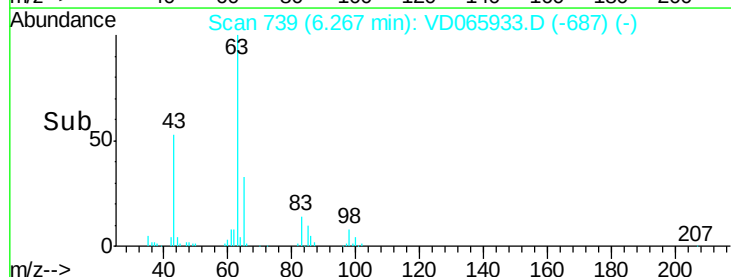
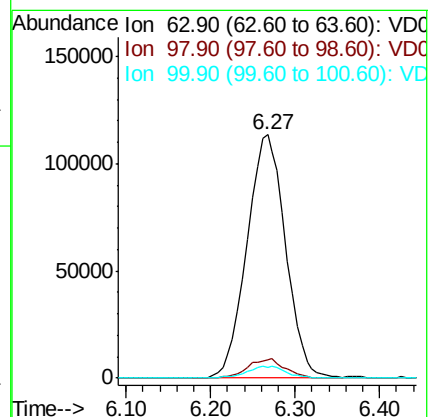
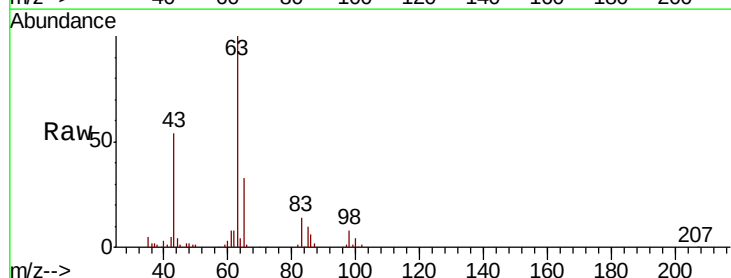
Tgt Ion: 63 Resp: 360420

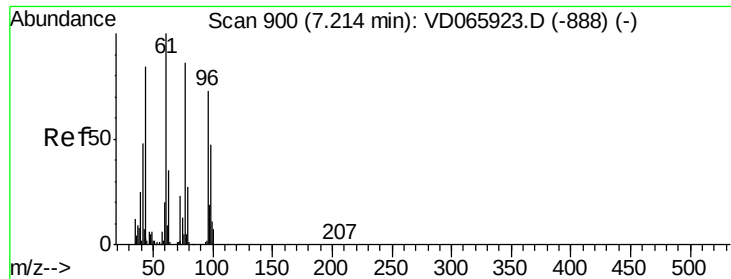
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.4 2.5 7.5

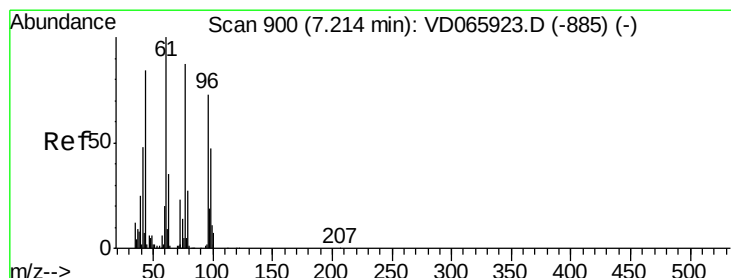
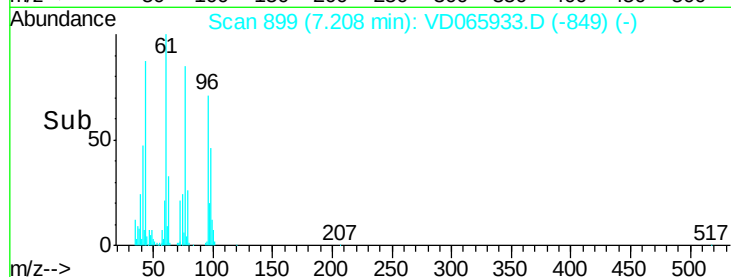
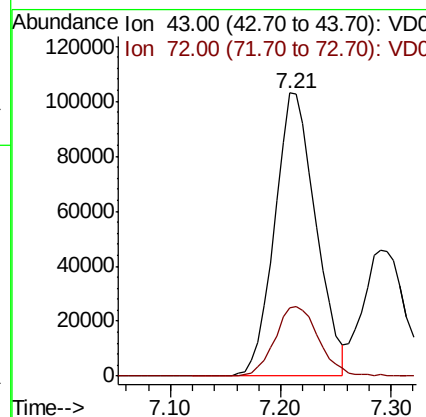
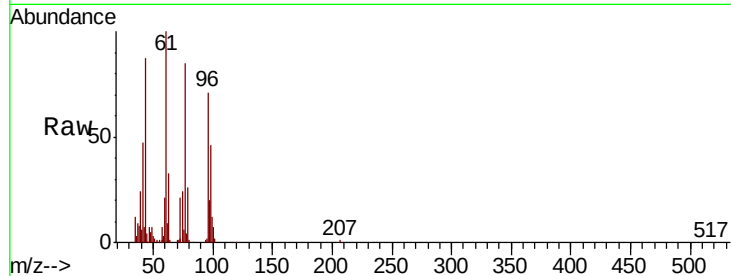




#25
2-Butanone
Concen: 243.389 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

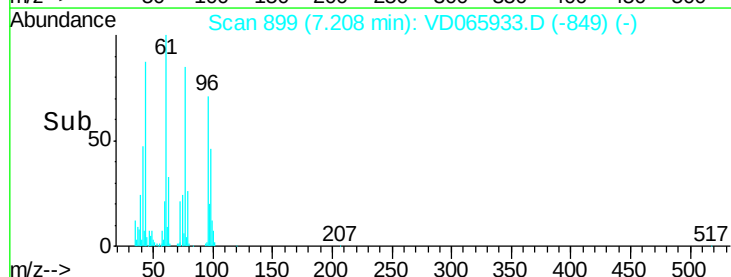
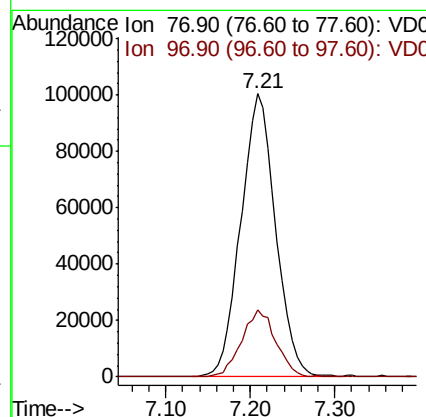
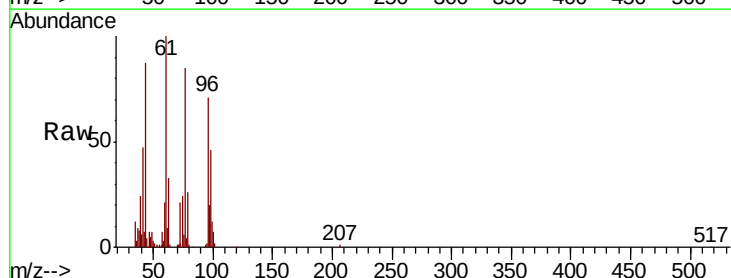
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

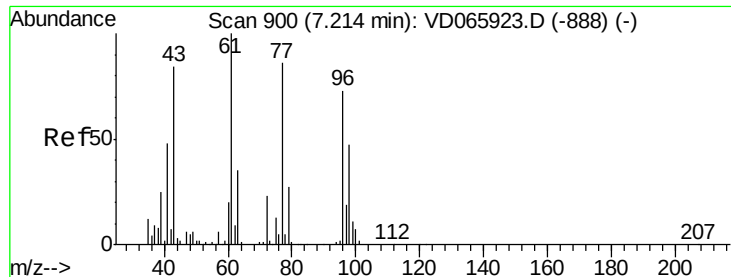
Tot Ion: 43 Resp: 266564
Ion Ratio Lower Upper
43 100
72 24.3 22.1 33.1



#26
2,2-Dichloropropane
Concen: 44.550 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 77 Resp: 286233
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.422 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

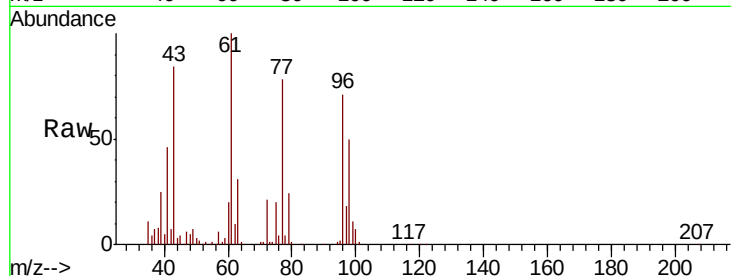
Tot Ion: 96 Resp: 231061

Ion Ratio Lower Upper

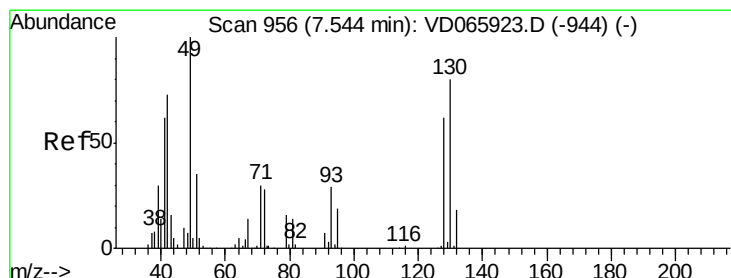
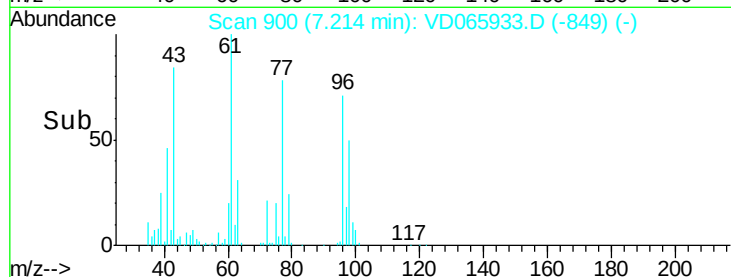
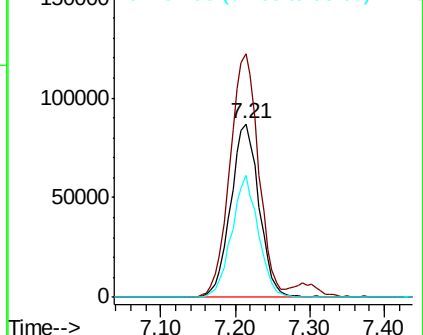
96 100

61 141.2 0.0 286.6

98 65.6 0.0 128.2



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: 46.101 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

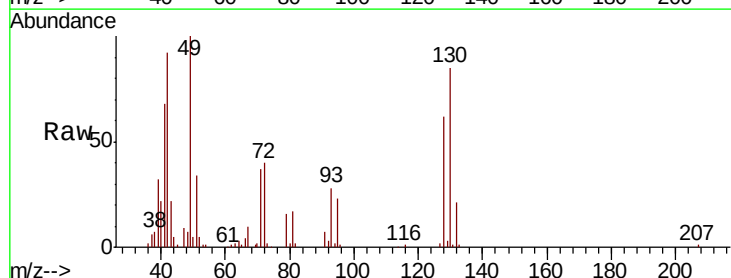
Tgt Ion: 49 Resp: 127905

Ion Ratio Lower Upper

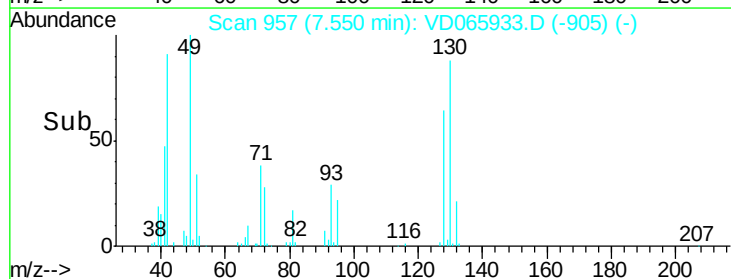
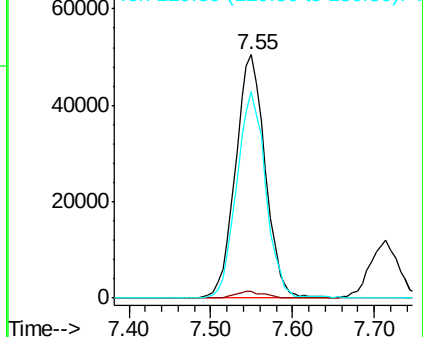
49 100

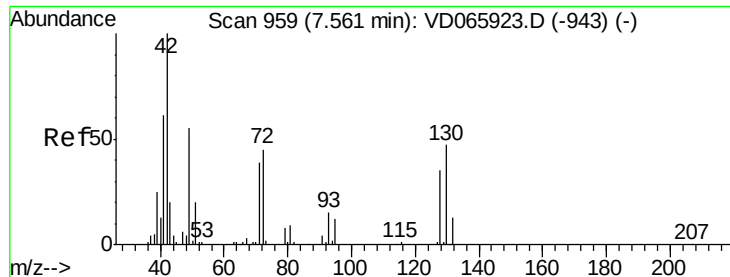
129 2.7 0.0 4.8

130 83.2 65.8 98.8



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

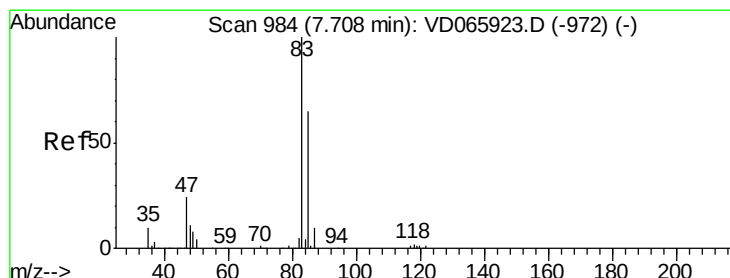
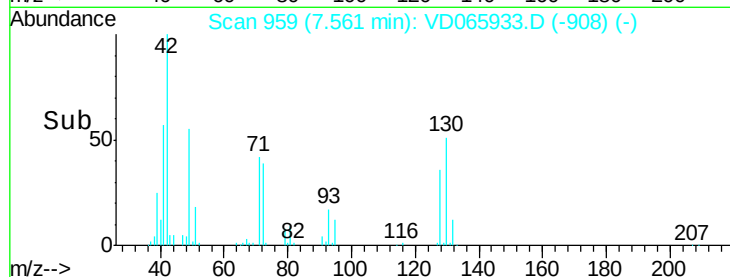
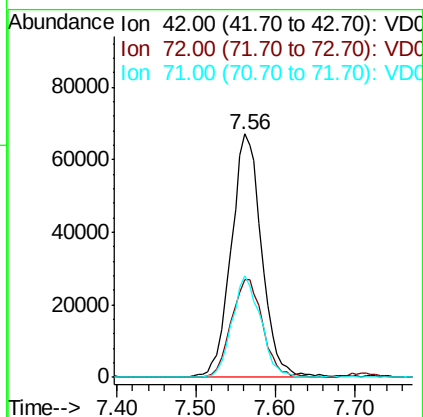
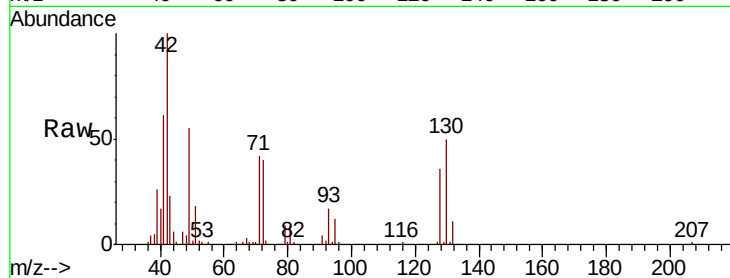




#29
Tetrahydrofuran
Concen: 257.277 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

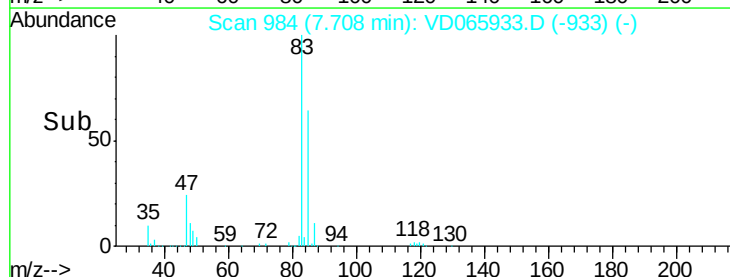
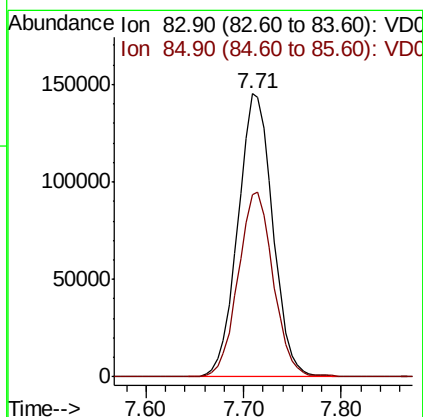
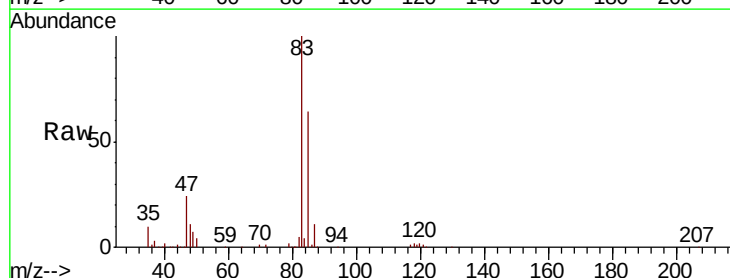
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

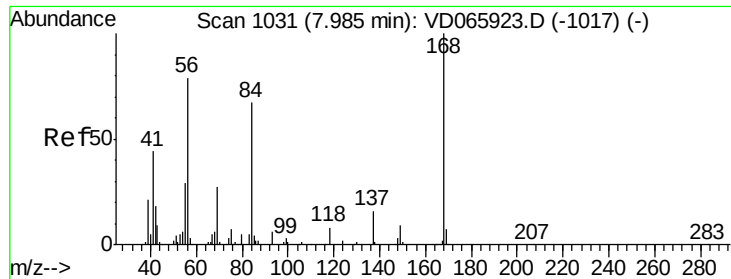
Tot Ion: 42 Resp: 179175
Ion Ratio Lower Upper
42 100
72 41.2 32.8 49.2
71 38.8 31.0 46.4



#30
Chloroform
Concen: 48.713 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 83 Resp: 362693
Ion Ratio Lower Upper
83 100
85 64.2 51.6 77.4

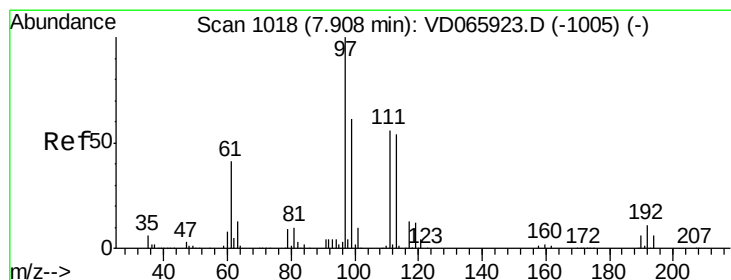
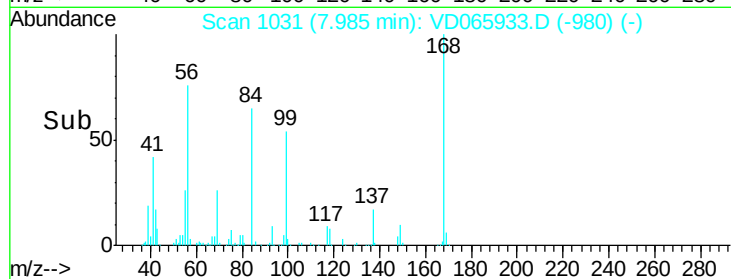
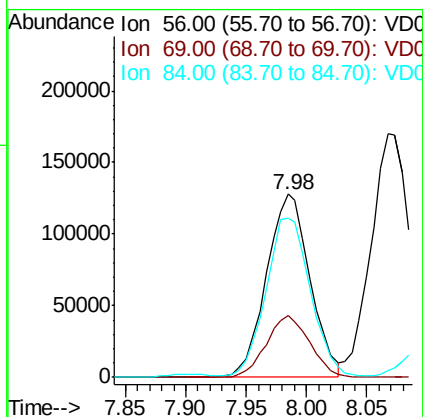
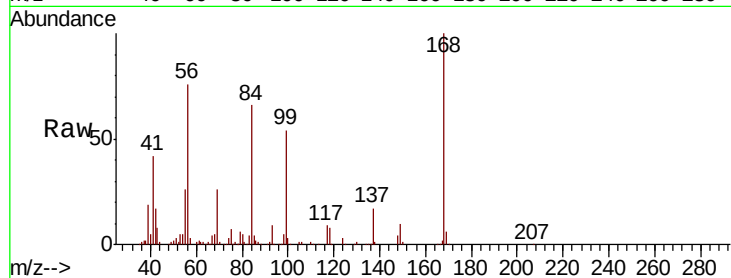




#31
Cyclohexane
Concen: 44.043 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

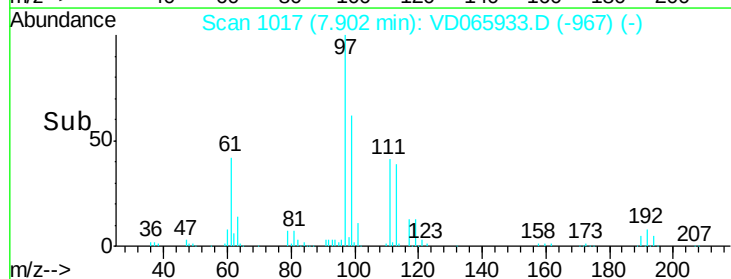
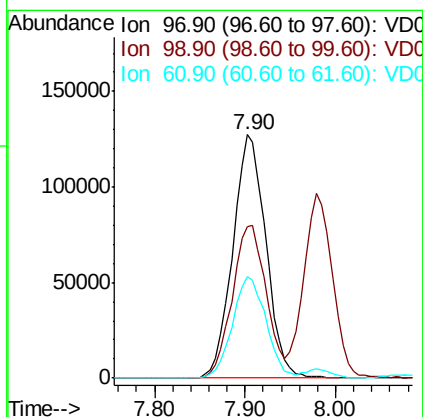
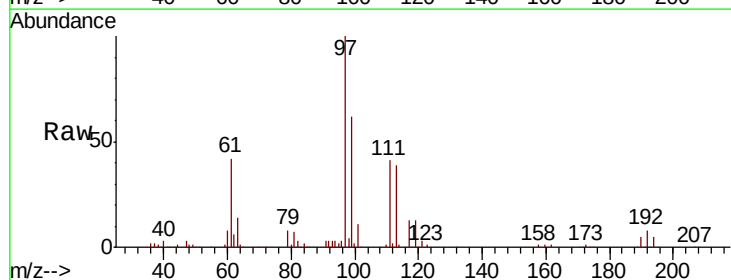
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

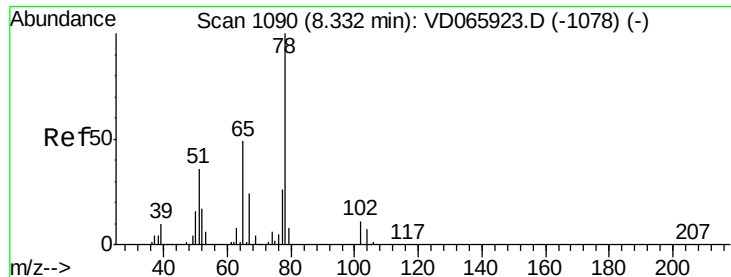
Tot Ion: 56 Resp: 318260
Ion Ratio Lower Upper
56 100
69 33.6 27.4 41.0
84 85.1 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 47.516 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 97 Resp: 322859
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.3 33.6 50.4

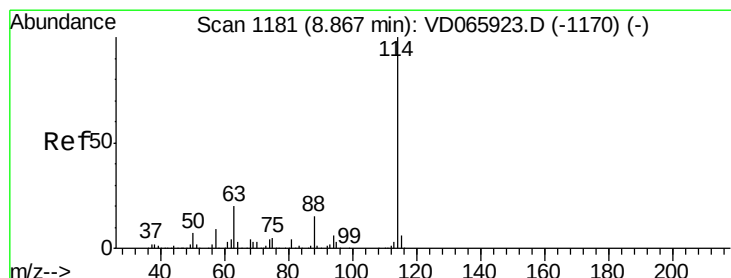
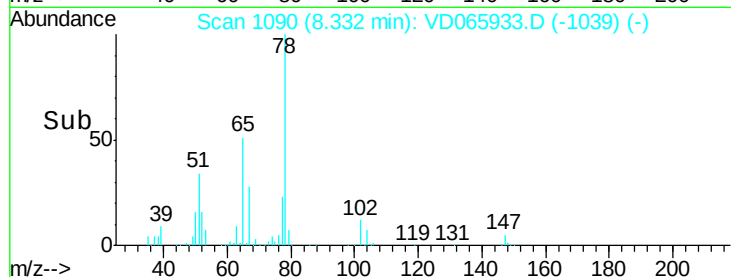
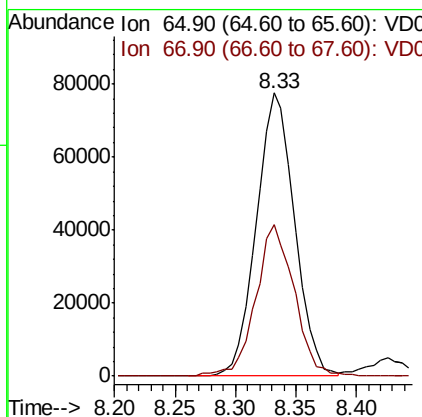
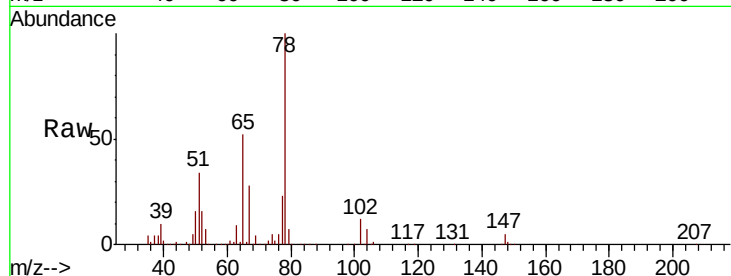




#33
 1,2-Dichloroethane-d4
 Concen: 48.066 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

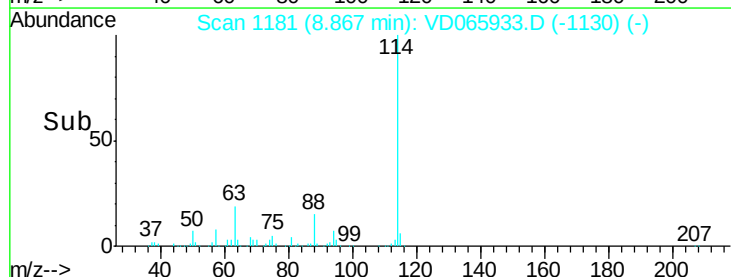
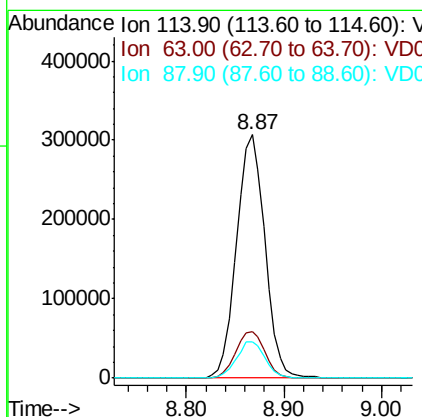
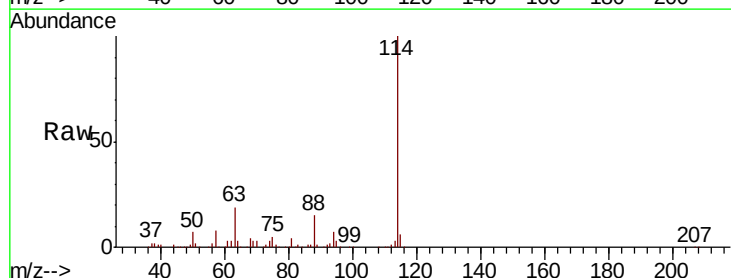
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

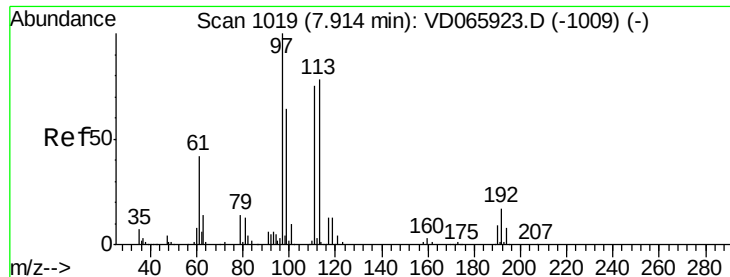
Tot Ion: 65 Resp: 169989
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion: 114 Resp: 622663
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.0 0.0 30.0

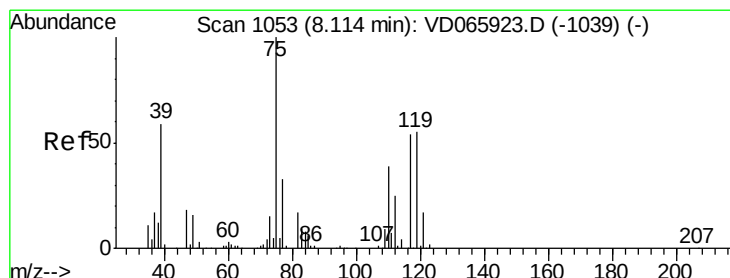
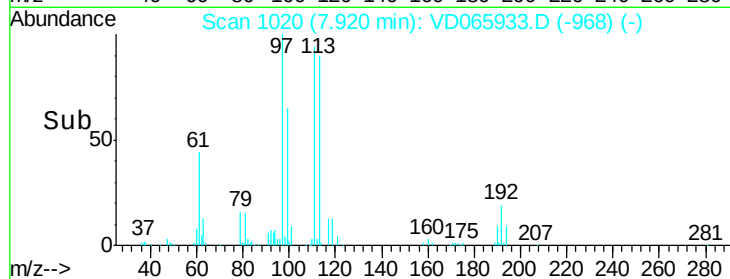
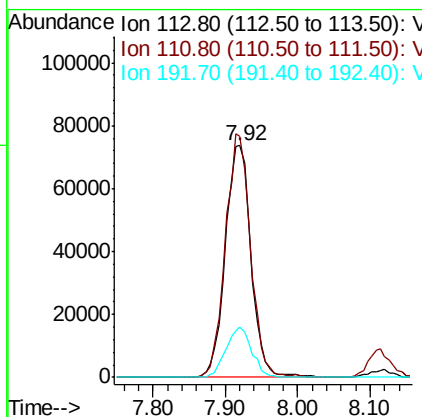
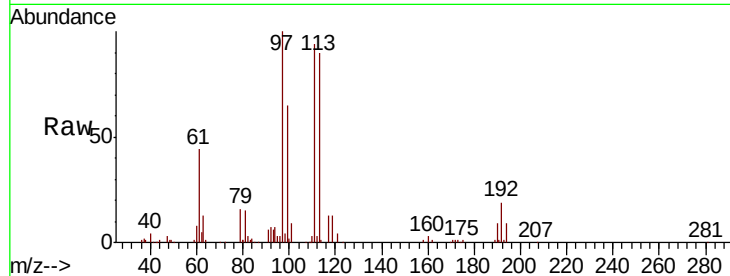




#35
 Dibromofluoromethane
 Concen: 47.343 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

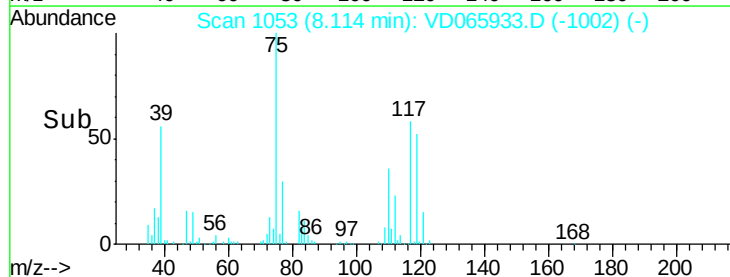
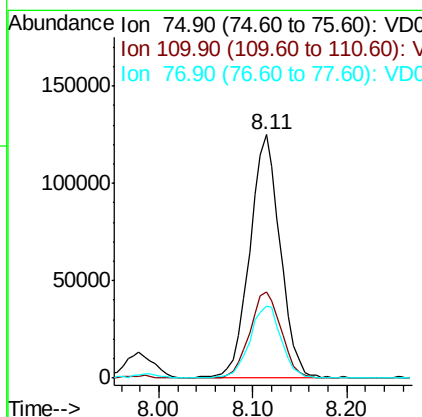
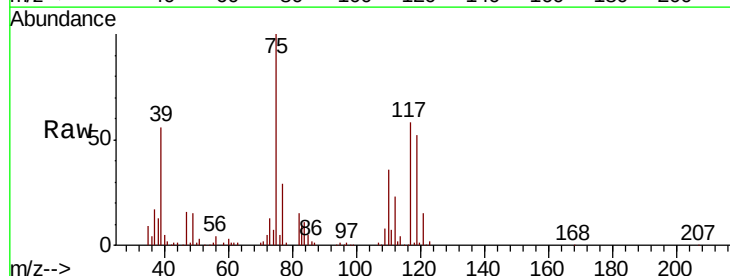
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

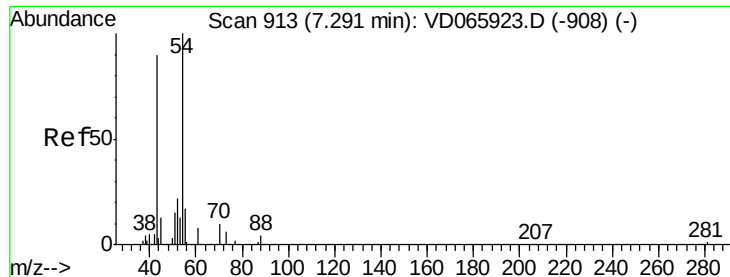
Tot Ion:113 Resp: 181851
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.9 121.3
 192 21.6 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 45.528 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion: 75 Resp: 279982
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.5 55.5
 77 31.1 25.6 38.4

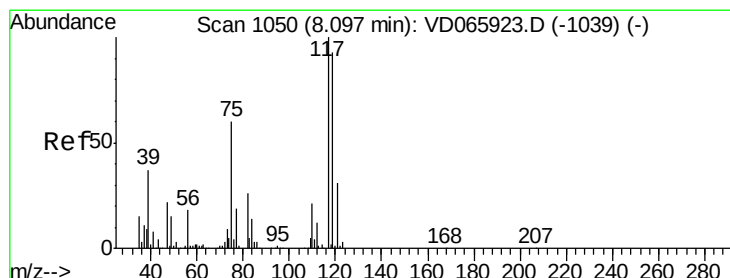
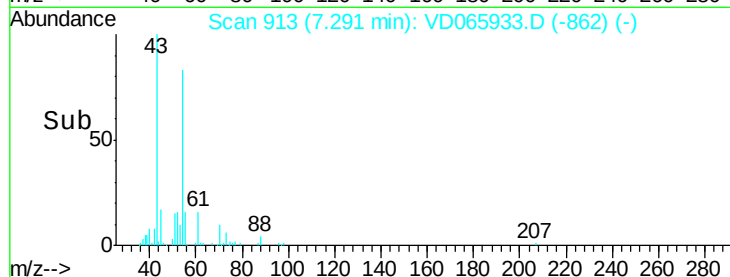
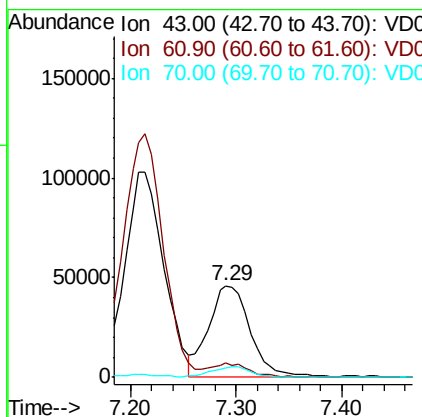
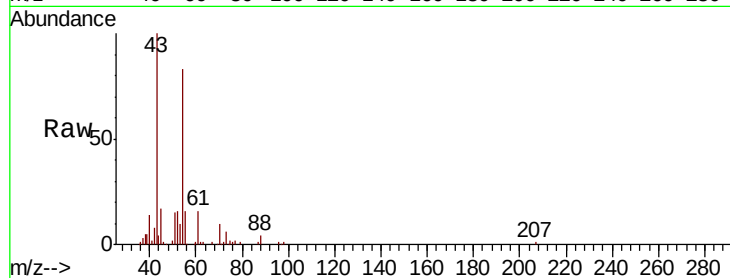




#37
Ethyl Acetate
Concen: 48.351 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

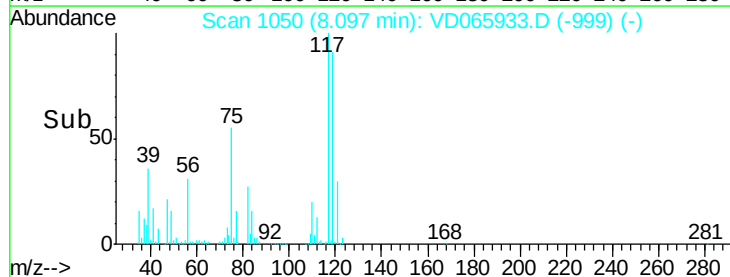
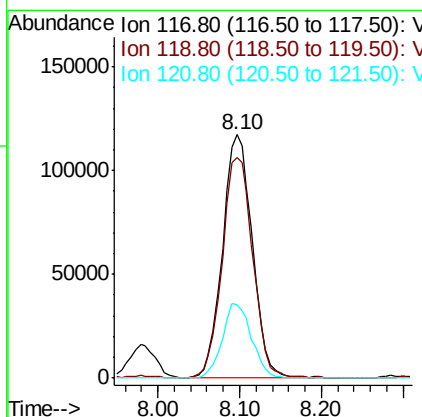
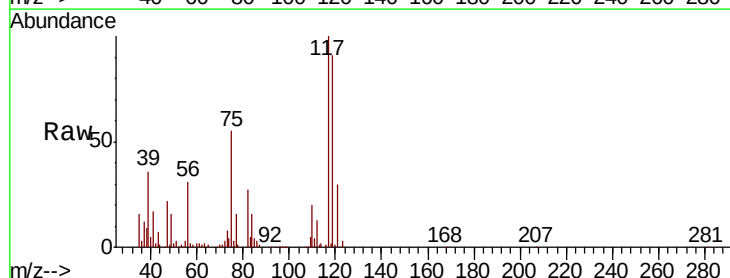
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

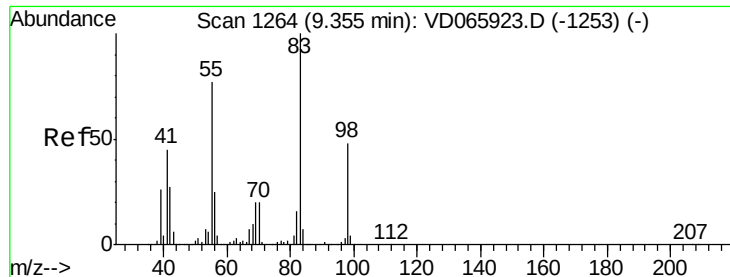
Tot Ion: 43 Resp: 124588
Ion Ratio Lower Upper
43 100
61 13.6 9.4 14.0
70 10.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 45.131 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 117 Resp: 297482
Ion Ratio Lower Upper
117 100
119 90.7 74.7 112.1
121 30.0 24.9 37.3

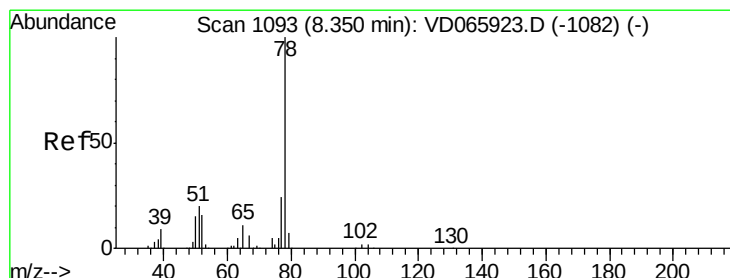
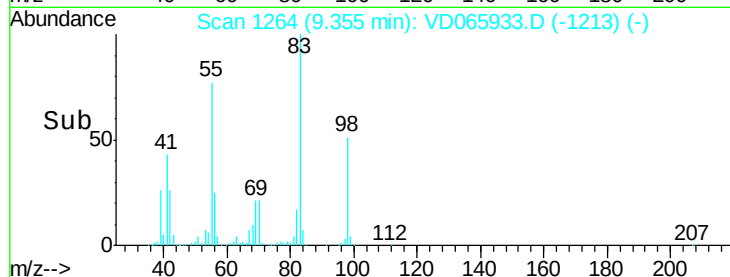
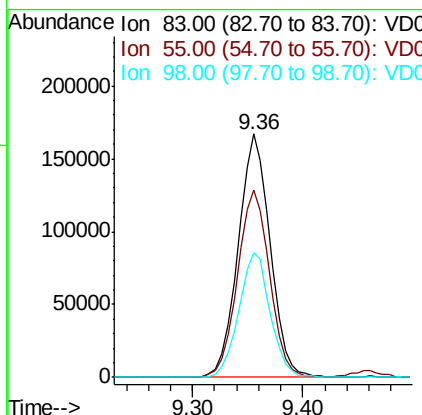
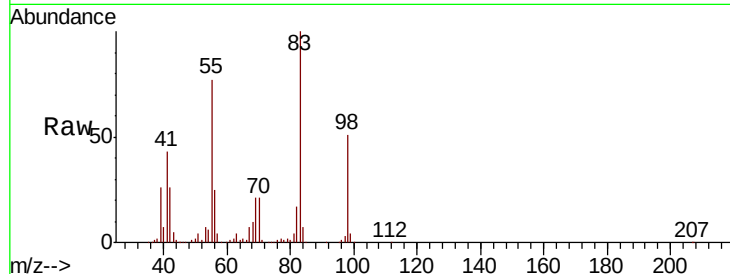




#39
Methylvlcyclohexane
Concen: 44.887 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

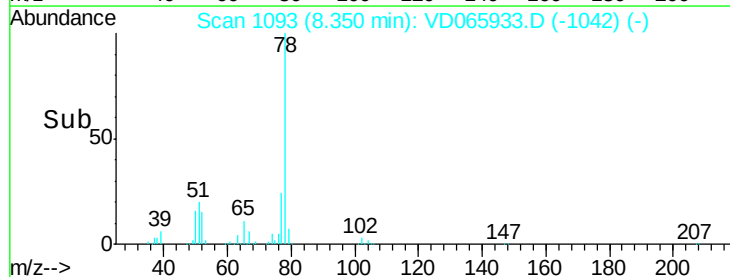
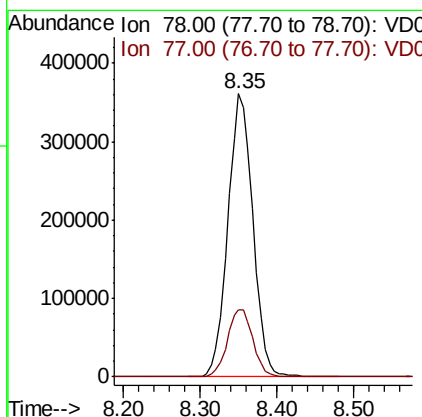
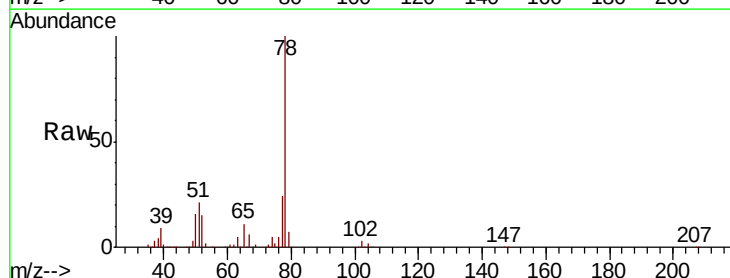
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

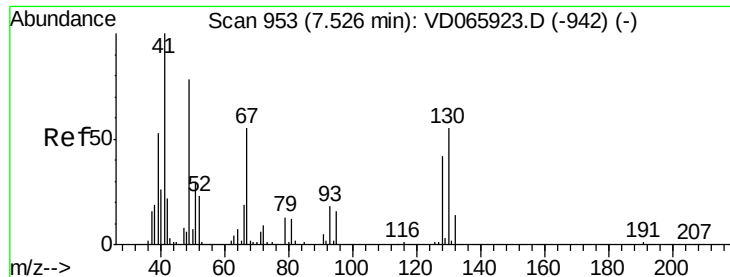
Tot Ion: 83 Resp: 338899
Ion Ratio Lower Upper
83 100
55 77.1 61.7 92.5
98 51.0 38.6 58.0



#40
Benzene
Concen: 48.203 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 78 Resp: 818941
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

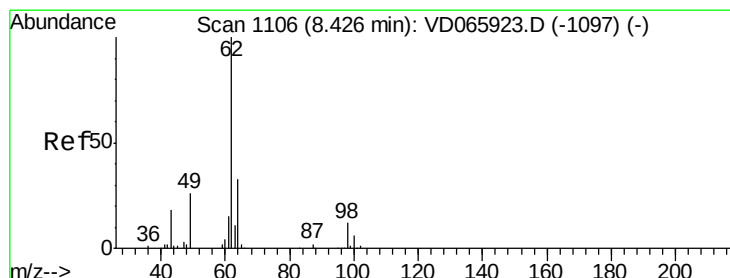
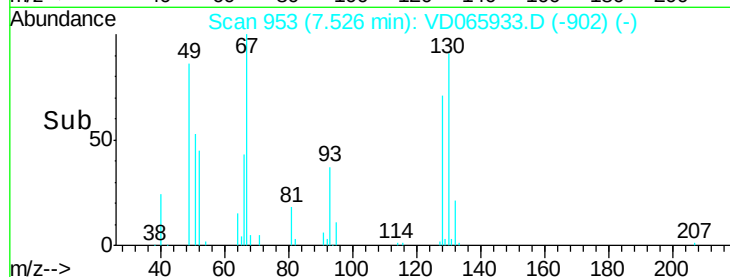
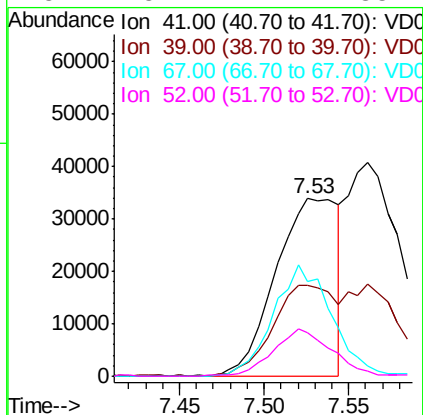
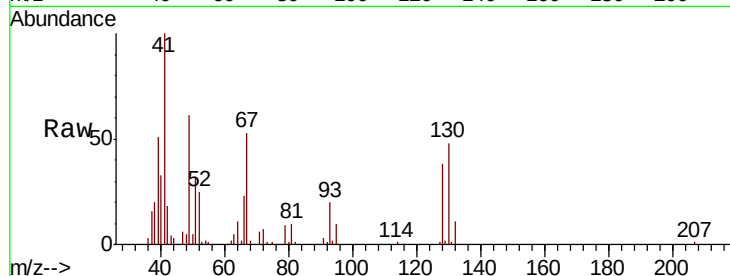




#41
Methacrylonitrile
Concen: 58.216 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

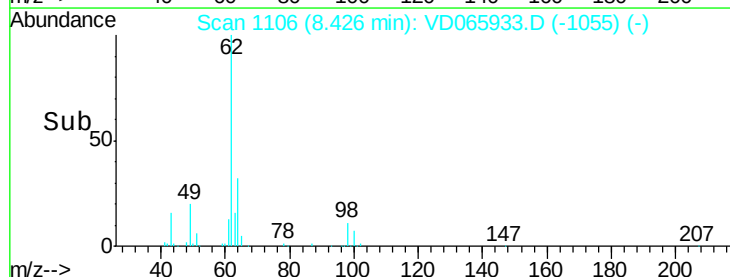
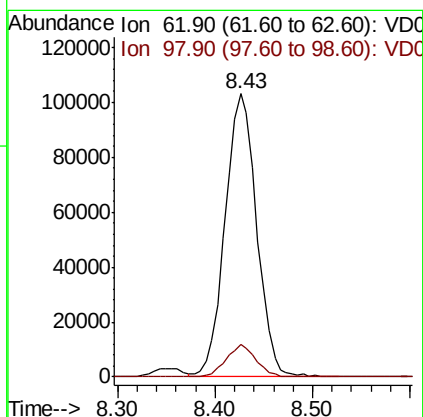
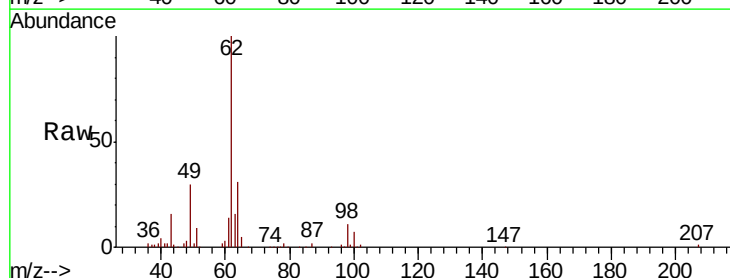
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

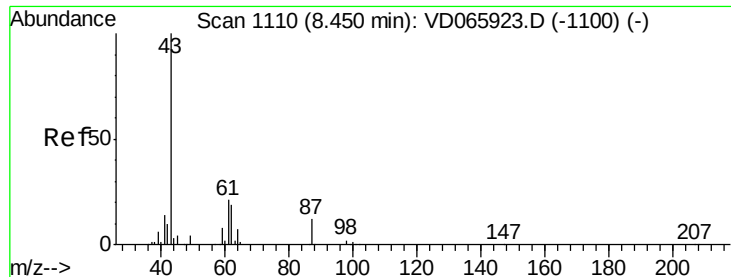
Tot Ion:	41	Resp:	87093
Ion	Ratio	Lower	Upper
41	100		
39	51.0	42.4	63.6
67	58.4	53.6	80.4
52	25.4	22.2	33.2



#42
1,2-Dichloroethane
Concen: 48.105 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion:	62	Resp:	231526
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.0





#43

Isopropyl Acetate

Concen: 50.239 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

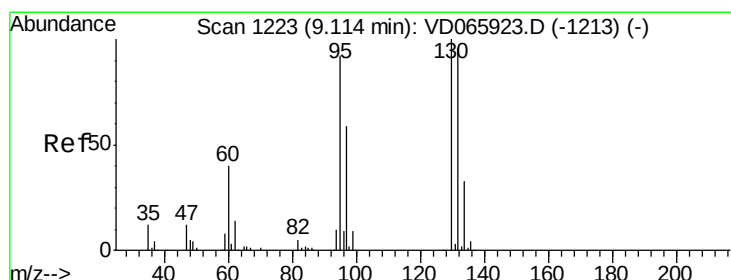
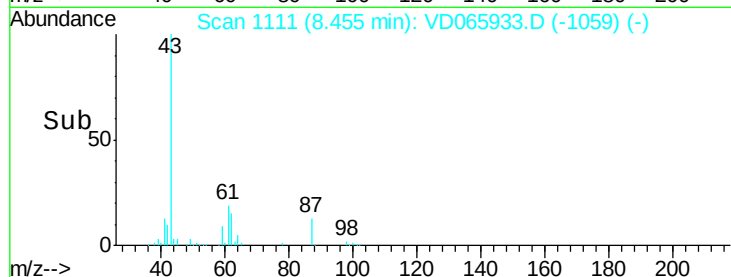
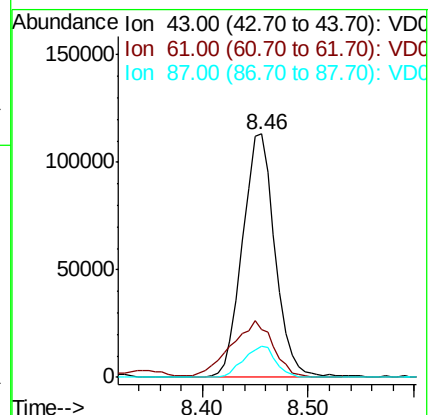
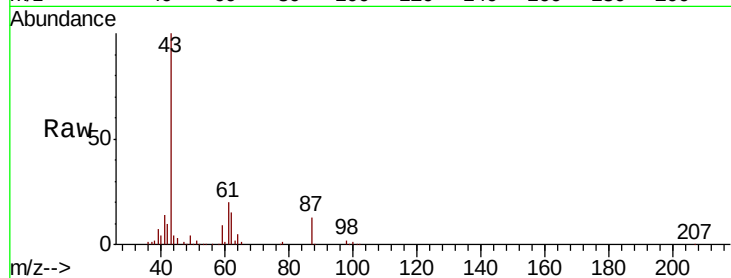
Tot Ion: 43 Resp: 240957

Ion Ratio Lower Upper

43 100

61 30.7 23.2 34.8

87 12.6 10.0 15.0



#44

Trichloroethene

Concen: 45.619 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065933.D

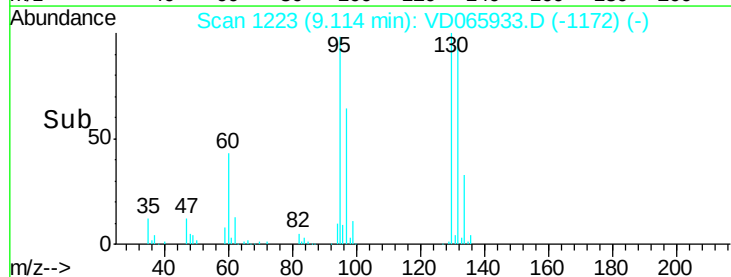
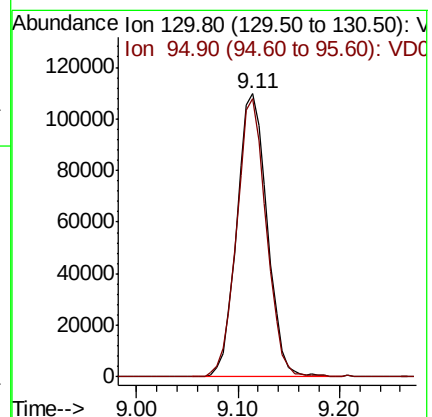
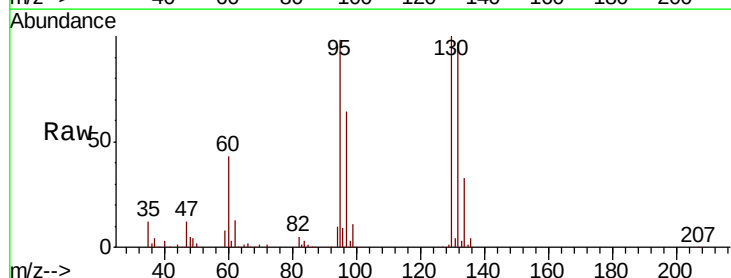
Acq: 07 Jul 2020 20:53

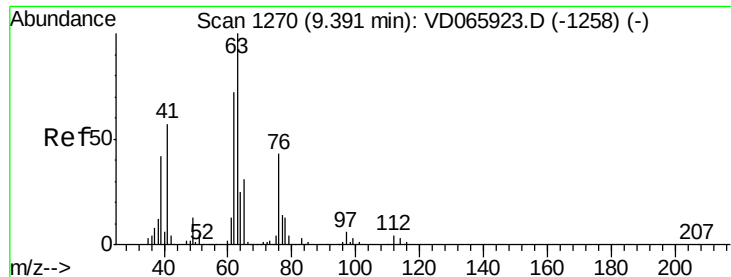
Tgt Ion: 130 Resp: 227721

Ion Ratio Lower Upper

130 100

95 98.2 0.0 184.6

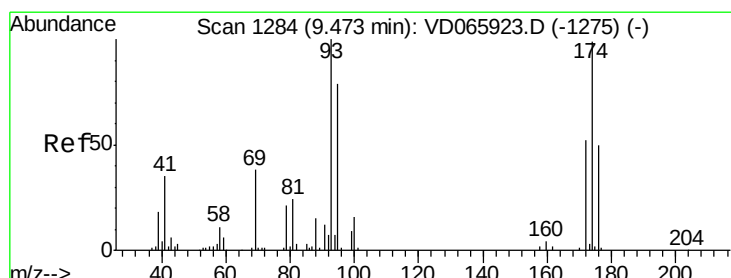
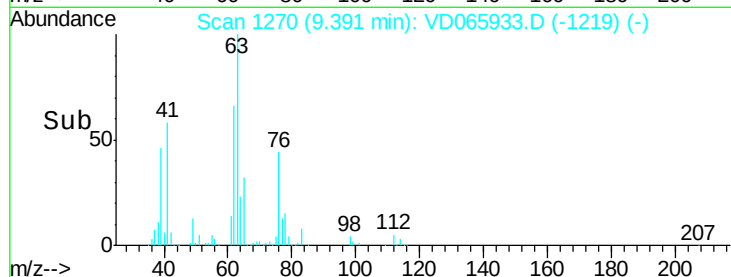
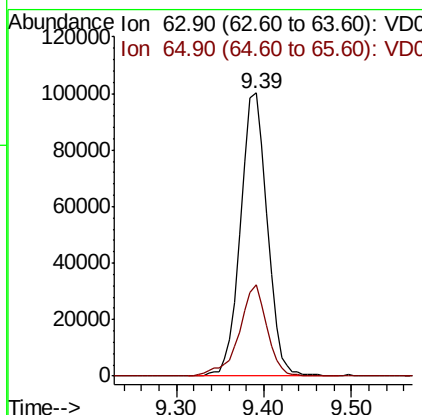
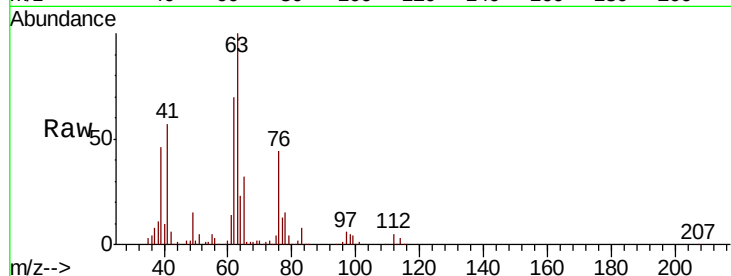




#45
 1,2-Dichloropropane
 Concen: 48.794 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

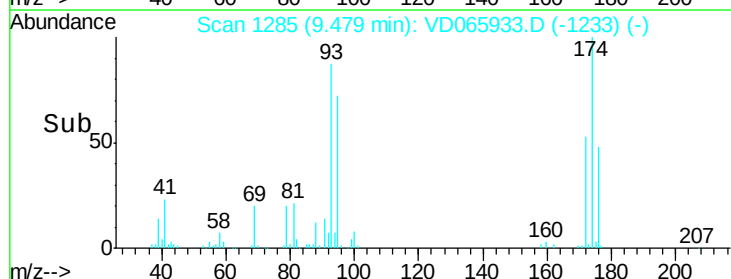
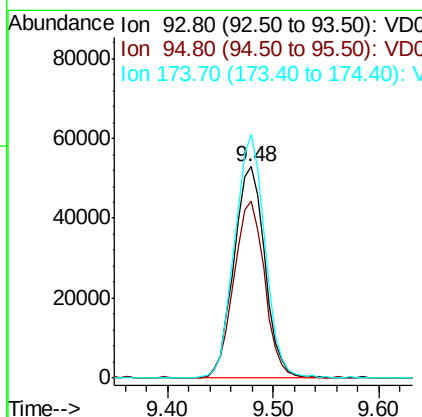
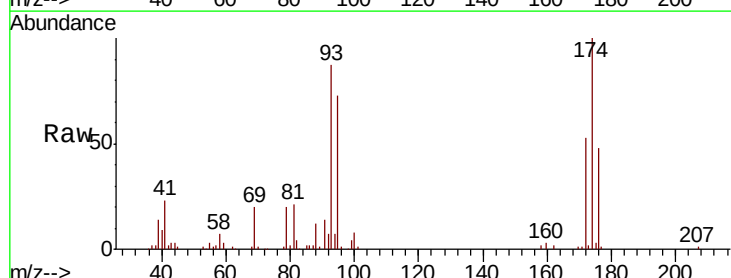
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

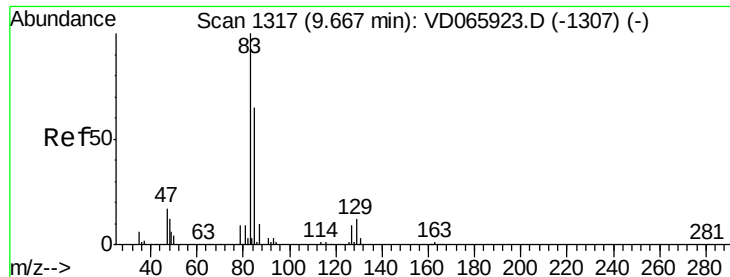
Tot Ion: 63 Resp: 205751
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.6



#46
 Dibromomethane
 Concen: 49.071 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion: 93 Resp: 107727
 Ion Ratio Lower Upper
 93 100
 95 83.4 68.2 102.2
 174 113.0 88.0 132.0





#47

Bromodichloromethane

Concen: 49.059 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

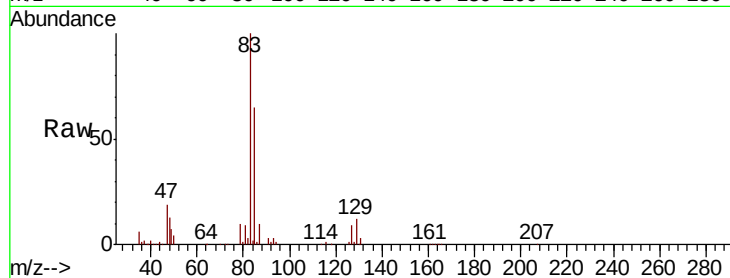
Tot Ion: 83 Resp: 288902

Ion Ratio Lower Upper

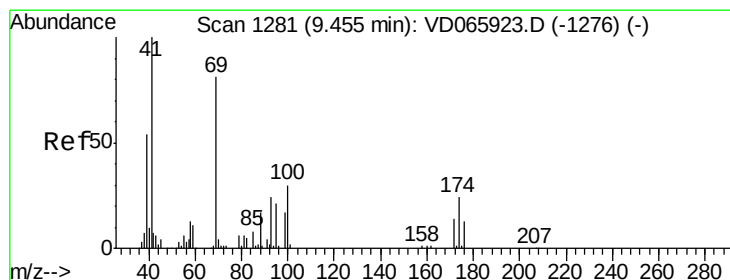
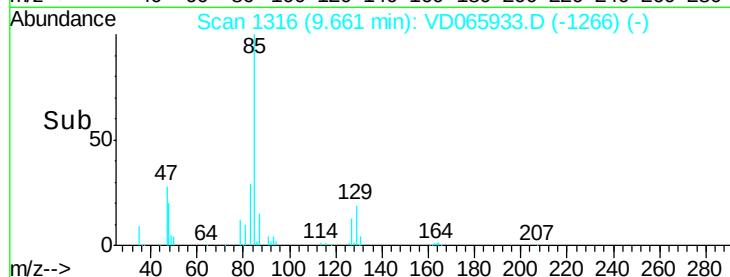
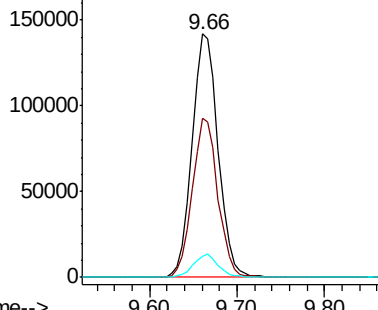
83 100

85 65.2 51.6 77.4

127 8.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.654 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

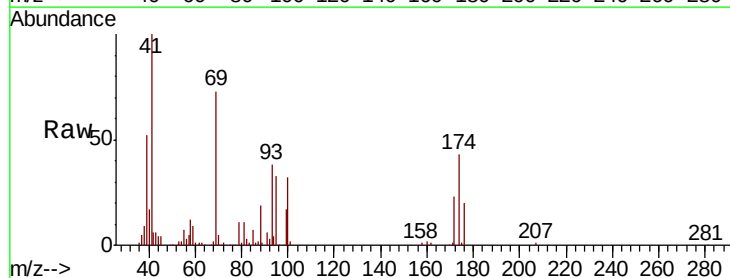
Tgt Ion: 41 Resp: 127133

Ion Ratio Lower Upper

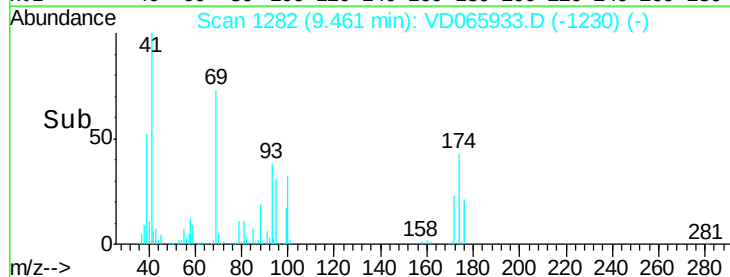
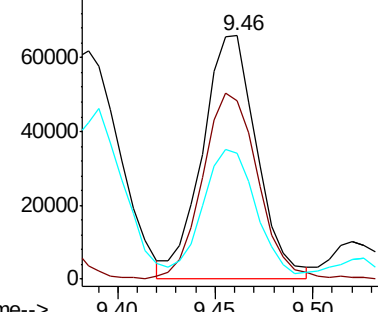
41 100

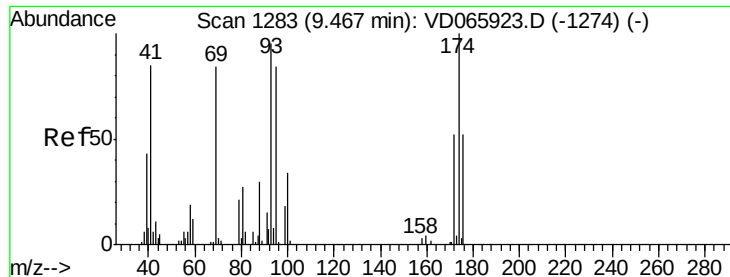
69 78.2 62.2 93.4

39 47.6 39.9 59.9



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

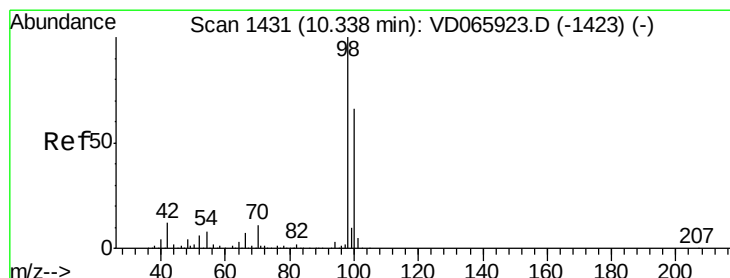
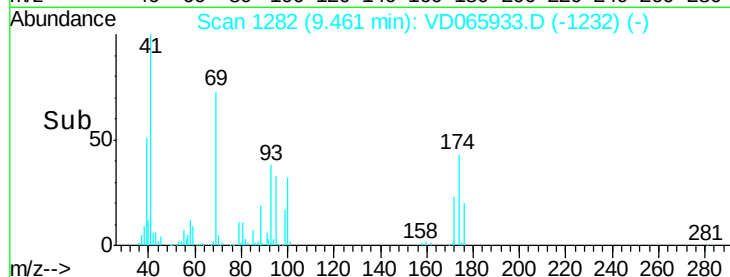
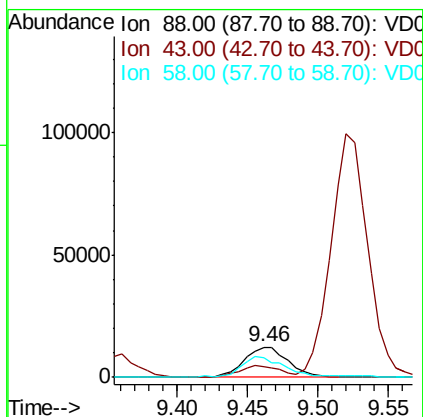
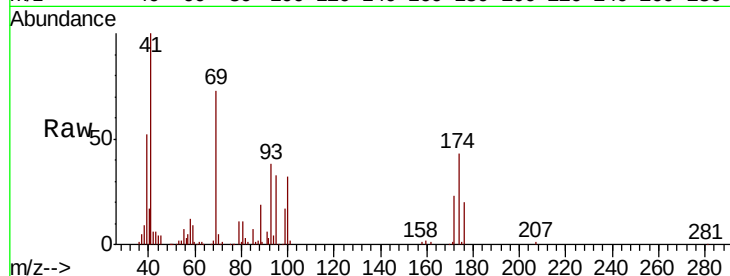




#49
1,4-Dioxane
Concen: 1023.395 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

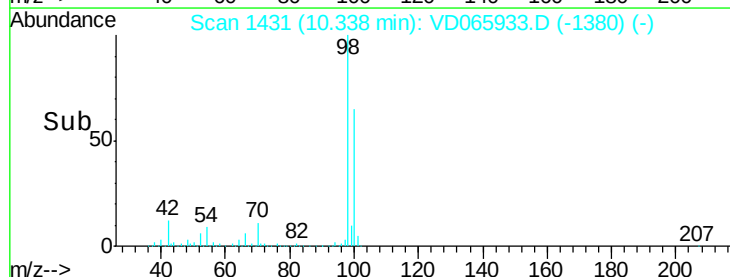
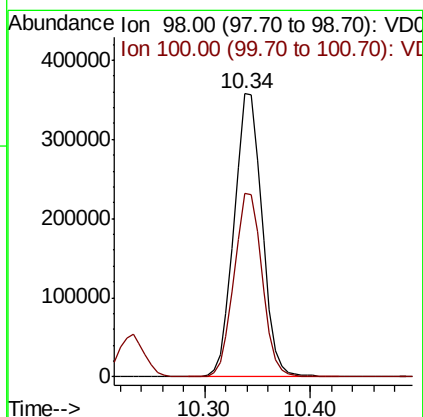
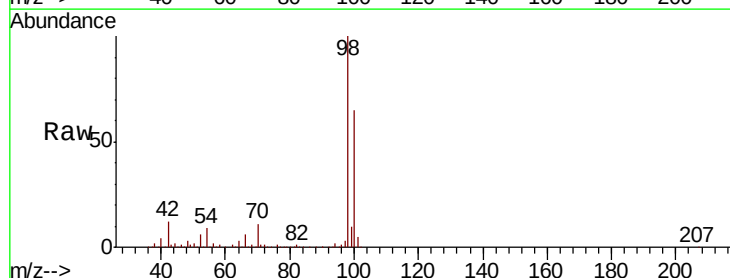
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

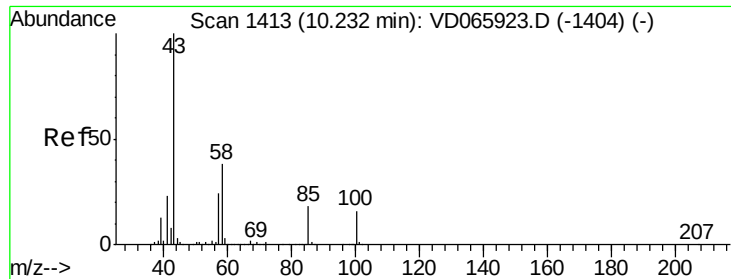
Tot Ion: 88 Resp: 26695
Ion Ratio Lower Upper
88 100
43 34.3 28.2 42.4
58 68.2 58.6 87.8



#50
Toluene-d8
Concen: 46.693 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 98 Resp: 654396
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

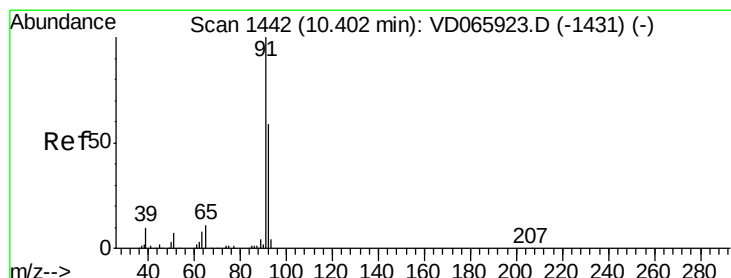
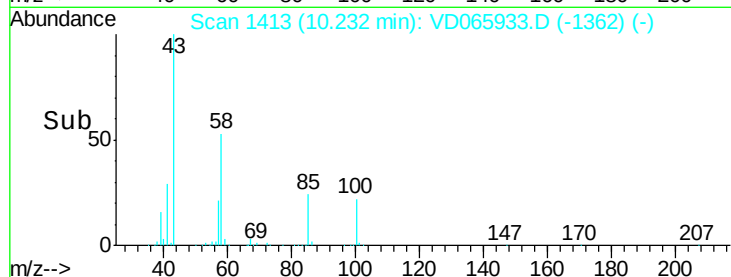
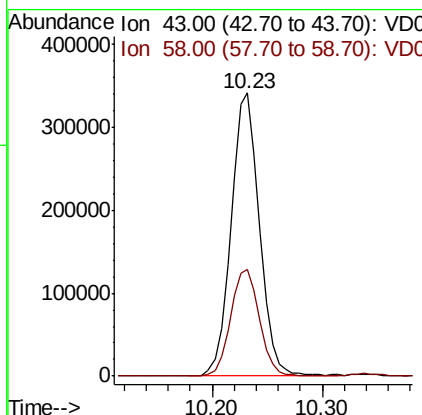
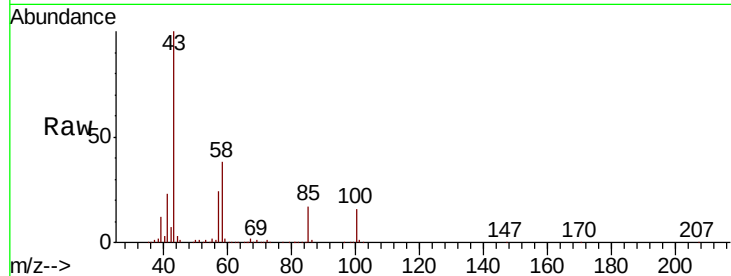




#51
4-Methyl-2-Pentanone
Concen: 253.357 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

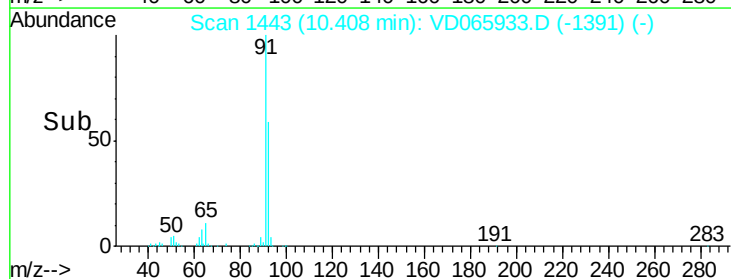
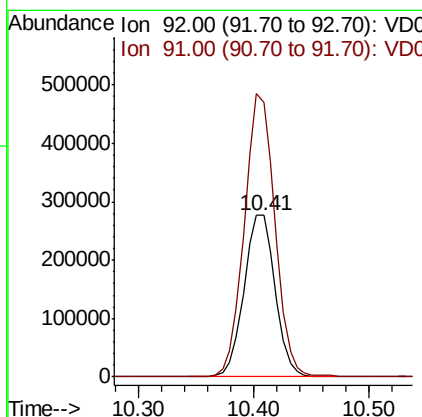
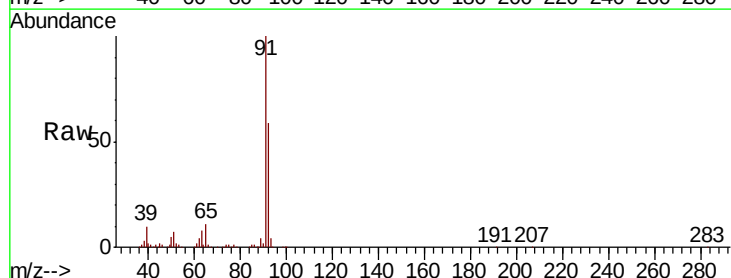
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

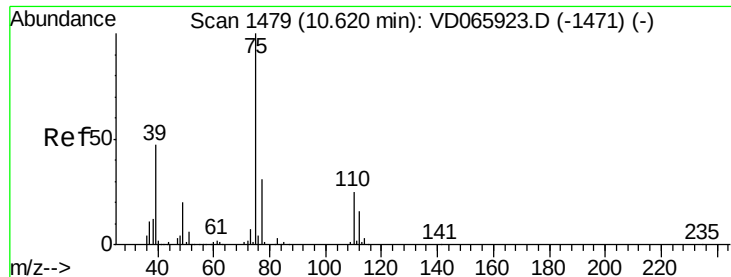
Tot Ion: 43 Resp: 614342
Ion Ratio Lower Upper
43 100
58 38.5 30.5 45.7



#52
Toluene
Concen: 48.056 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 92 Resp: 519417
Ion Ratio Lower Upper
92 100
91 172.8 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 48.963 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

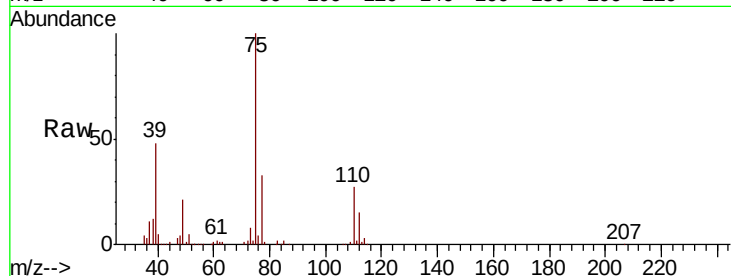
VSTDCCC050EC

Tot Ion: 75 Resp: 271112

Ion Ratio Lower Upper

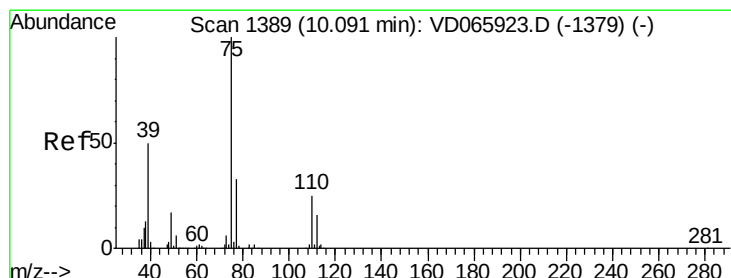
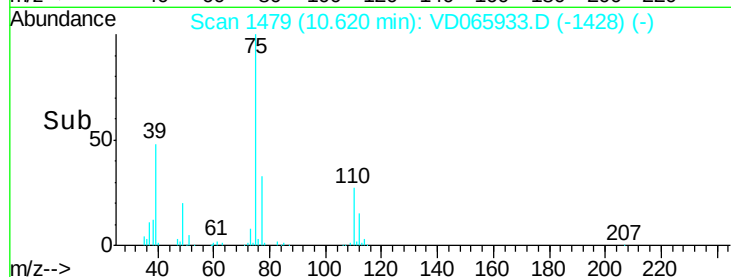
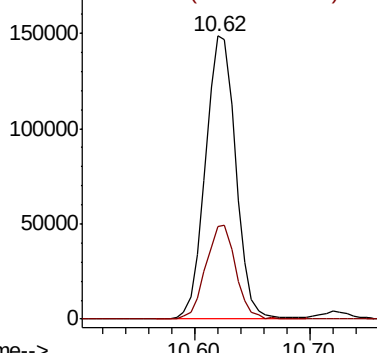
75 100

77 32.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 48.512 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

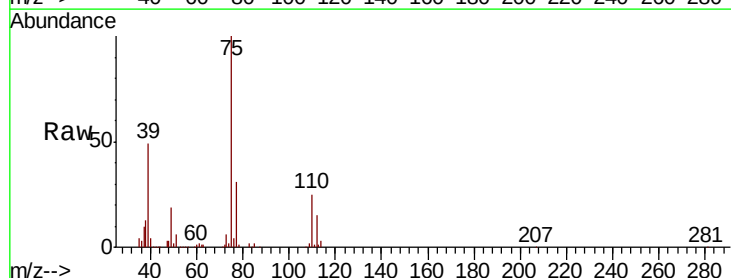
Tgt Ion: 75 Resp: 324576

Ion Ratio Lower Upper

75 100

77 30.7 26.6 39.8

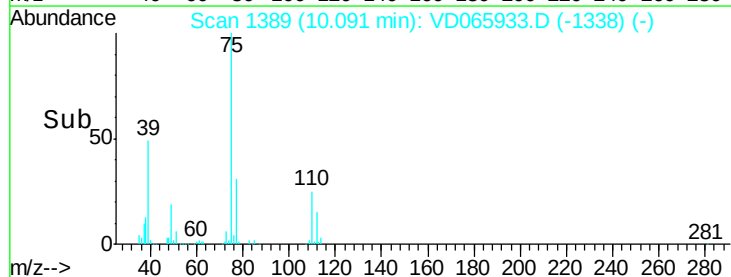
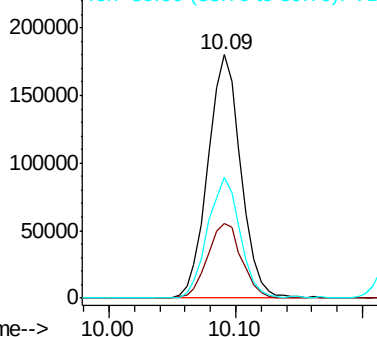
39 49.2 39.6 59.4

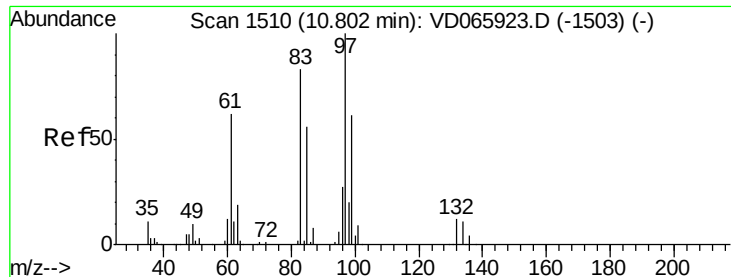


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

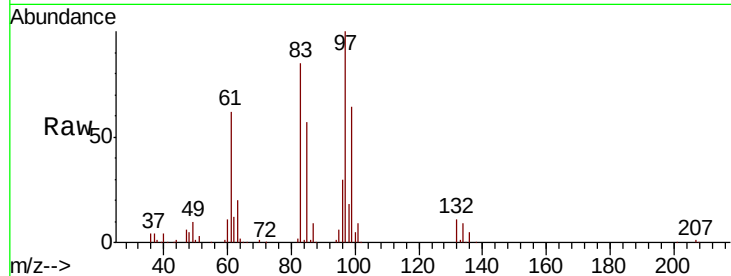




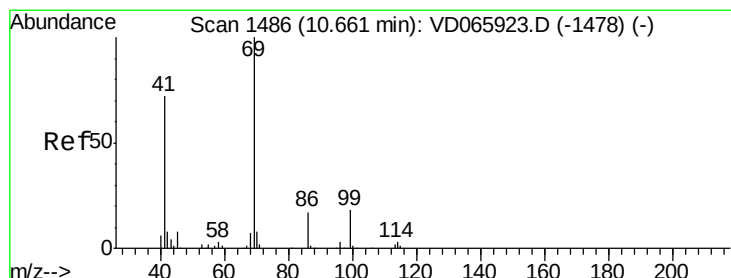
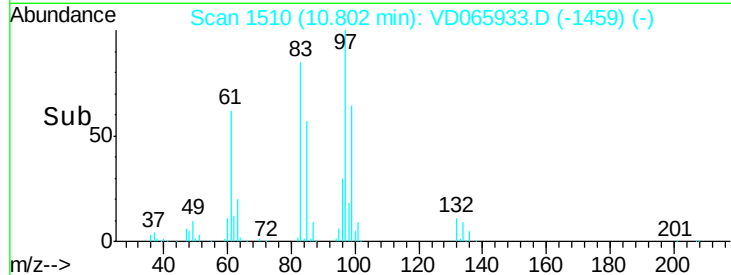
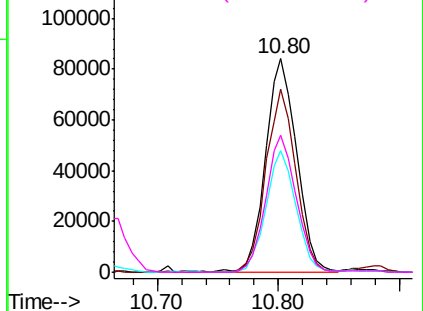
#55
 1,1,2-Trichloroethane
 Concen: 49.732 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	150424
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.9	100.3
85	56.7	44.5	66.7
99	64.1	49.2	73.8

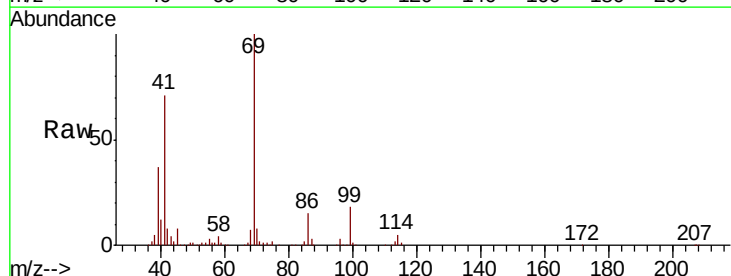


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

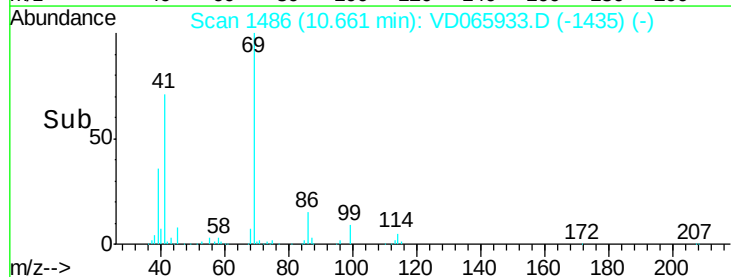
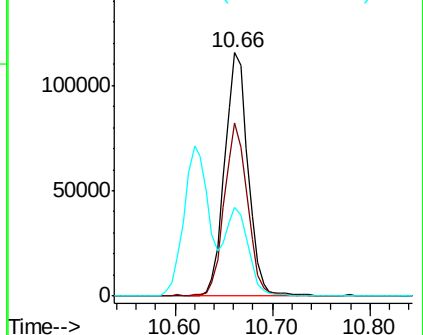


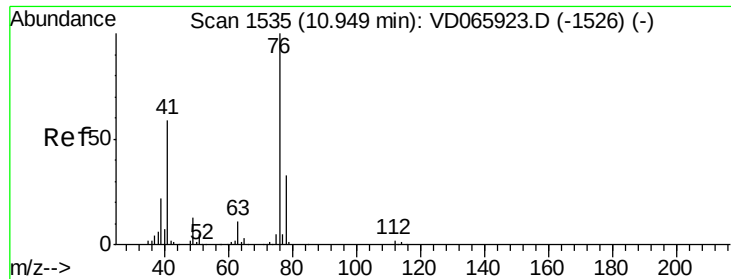
#56
 Ethyl methacrylate
 Concen: 52.057 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion:	69	Resp:	192317
Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.5	84.7
39	36.5	29.2	43.8



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

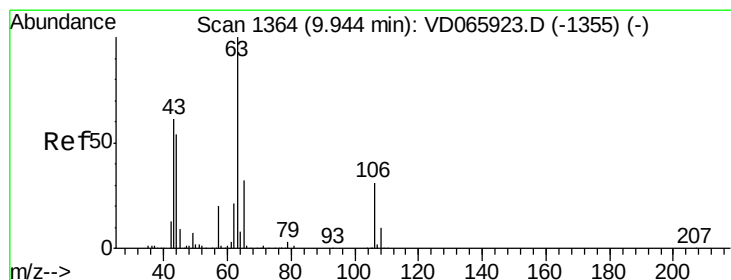
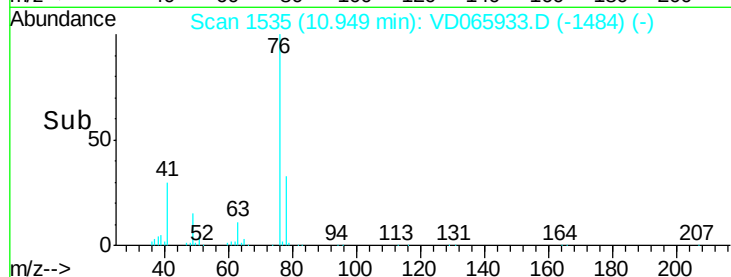
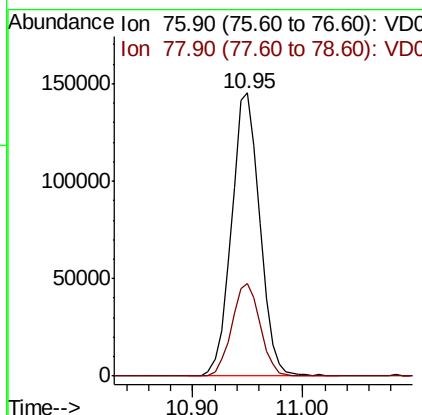
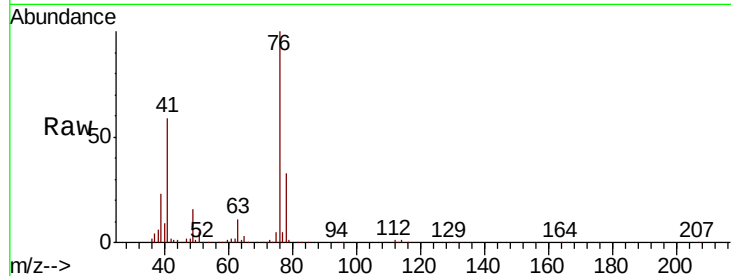




#57
 1,3-Dichloropropane
 Concen: 49.543 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

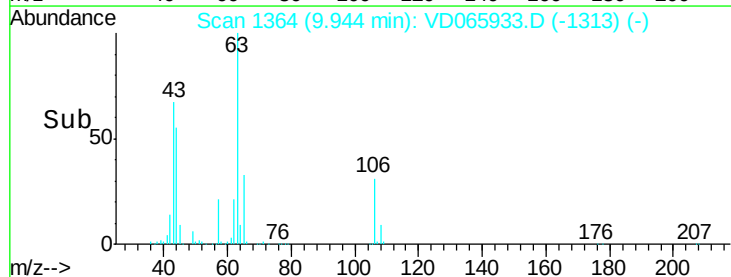
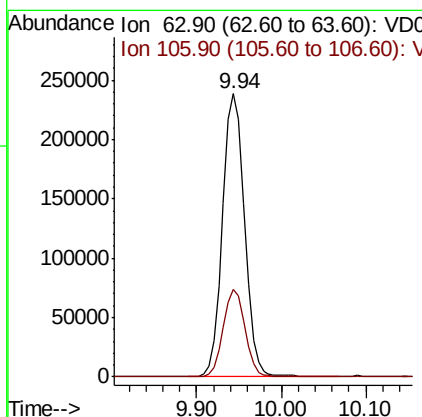
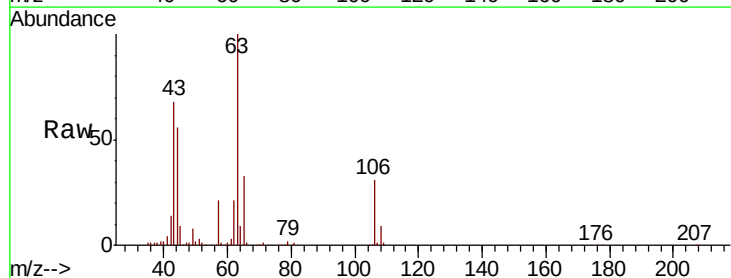
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

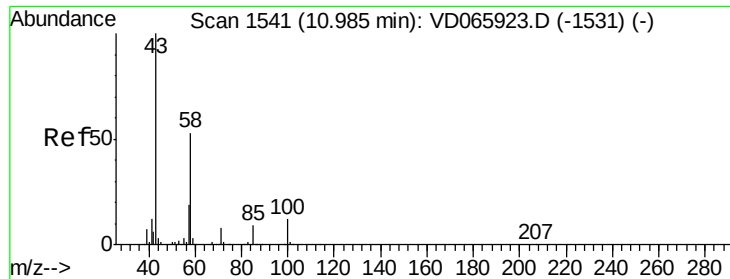
Tot Ion: 76 Resp: 262066
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.500 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion: 63 Resp: 432084
 Ion Ratio Lower Upper
 63 100
 106 30.4 23.8 35.6

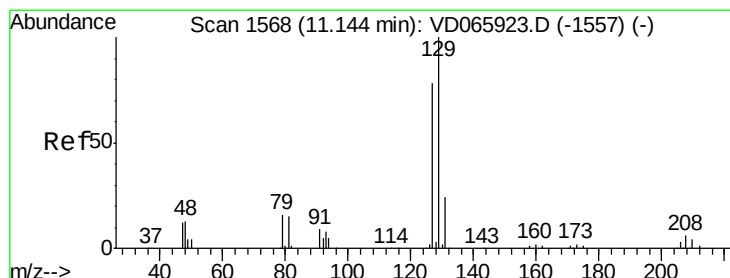
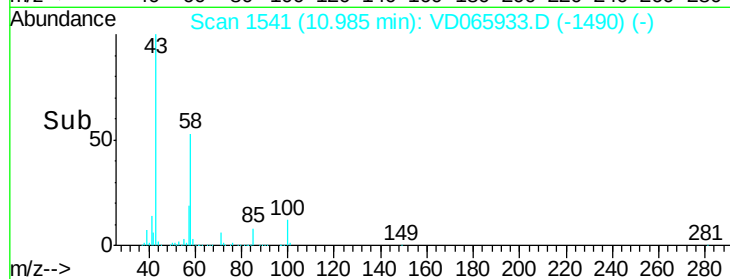
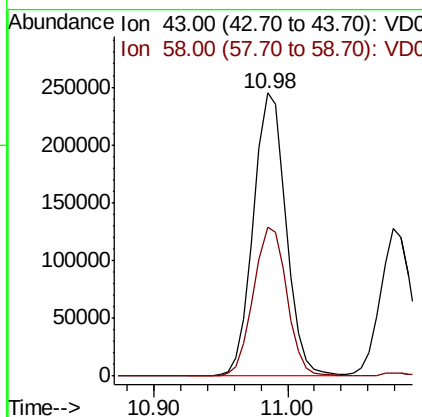
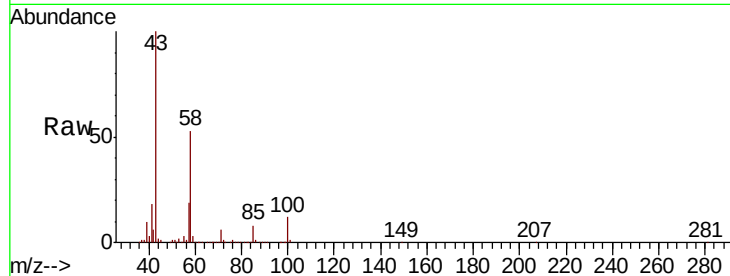




#59
2-Hexanone
Concen: 248.413 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

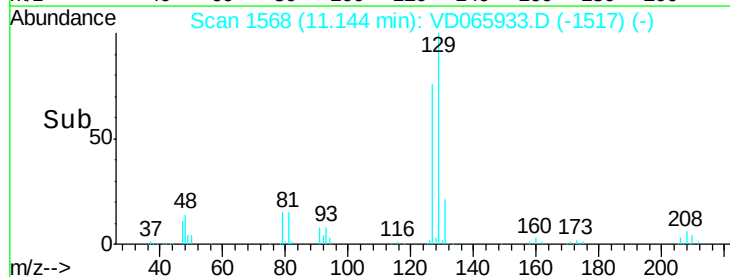
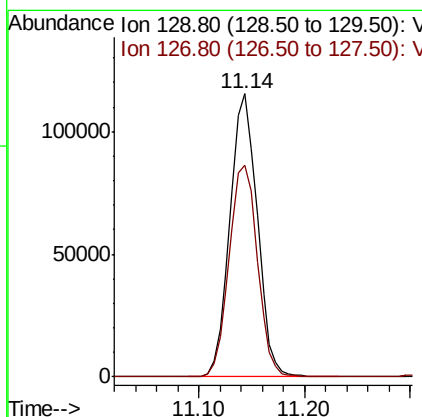
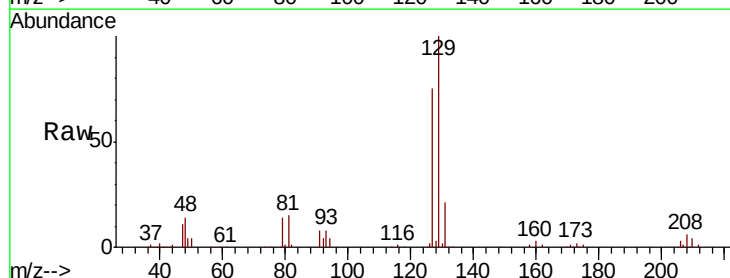
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

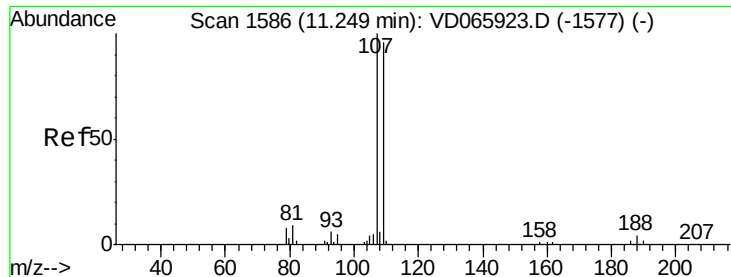
Tot Ion: 43 Resp: 414261
Ion Ratio Lower Upper
43 100
58 54.1 26.6 79.8



#60
Dibromochloromethane
Concen: 49.955 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 129 Resp: 206440
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

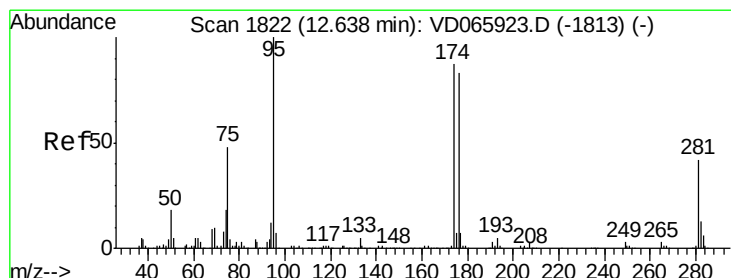
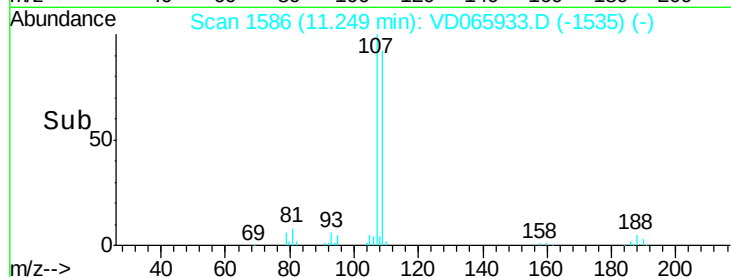
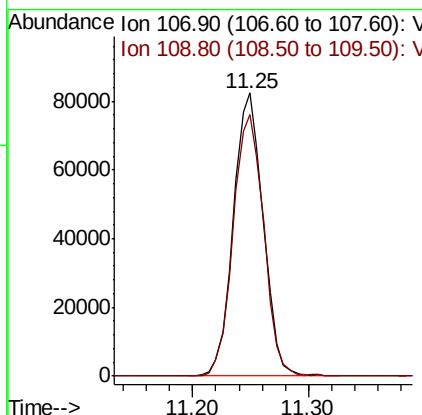
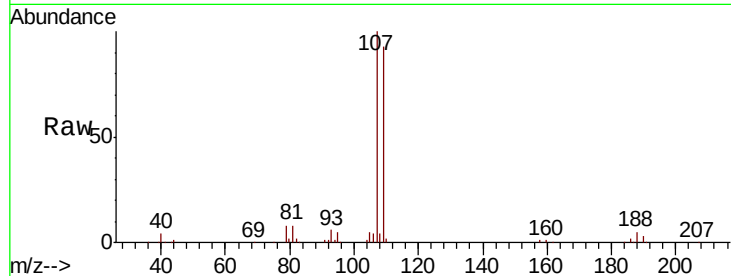




#61
 1,2-Dibromoethane
 Concen: 48.711 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

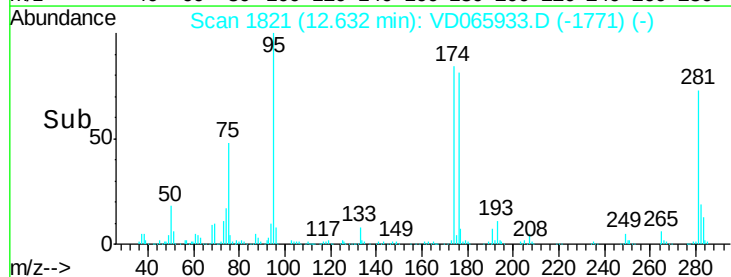
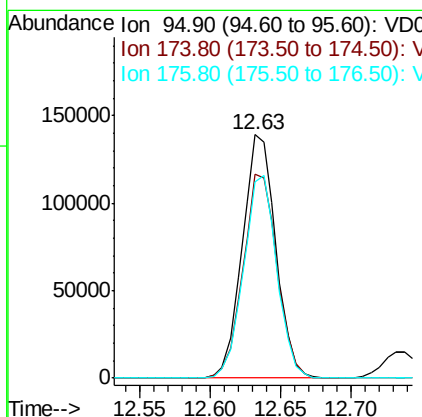
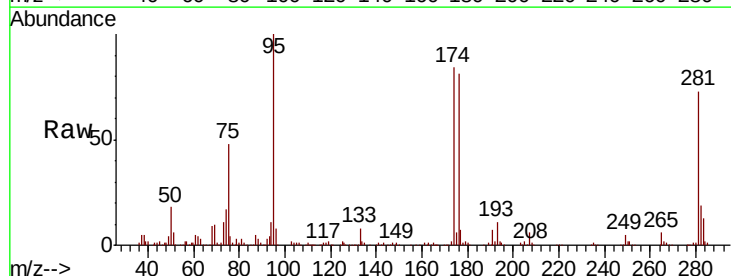
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

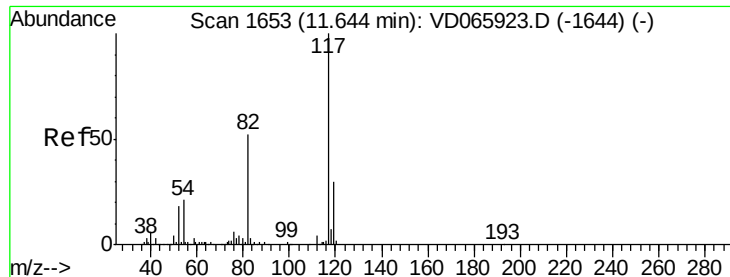
Tot Ion:107 Resp: 146901
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 47.935 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion: 95 Resp: 230699
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 169.4
 176 83.1 0.0 164.0

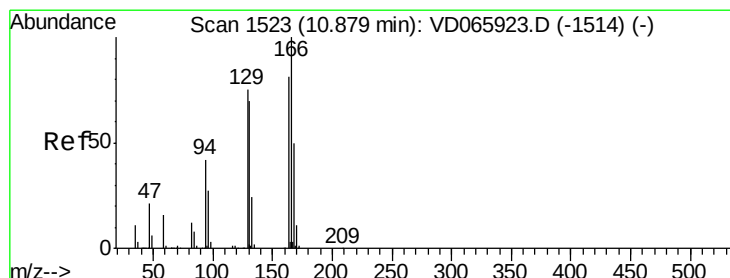
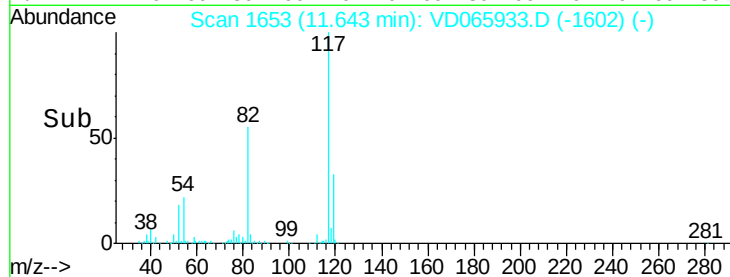
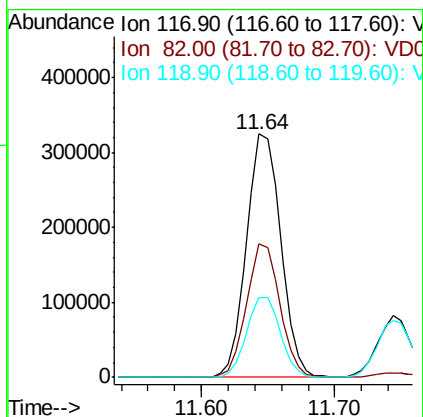
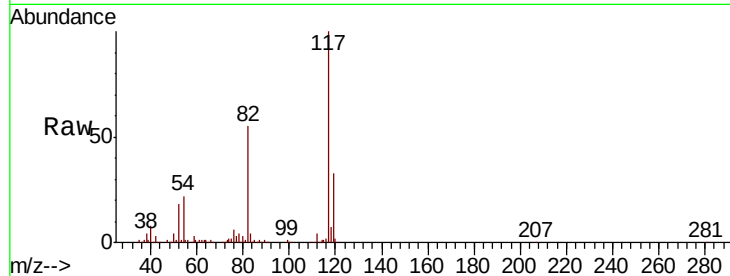




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

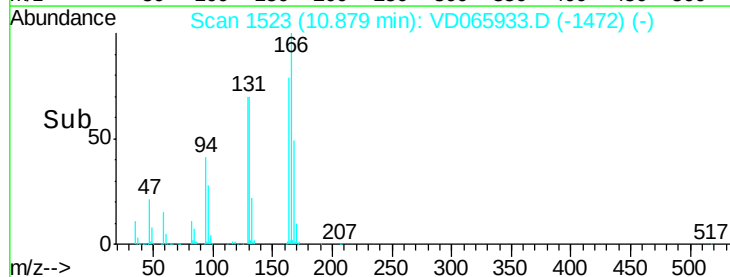
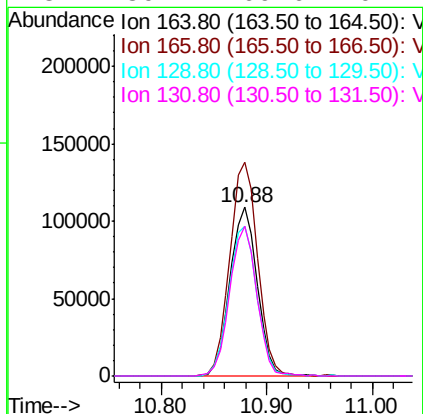
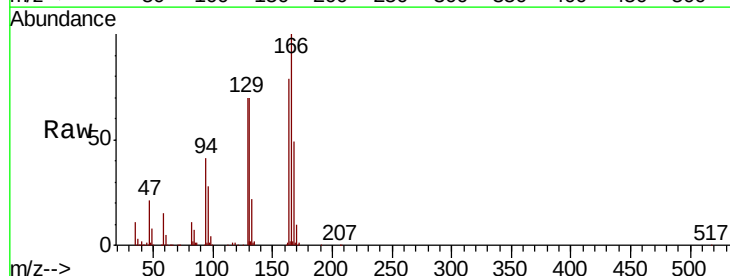
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

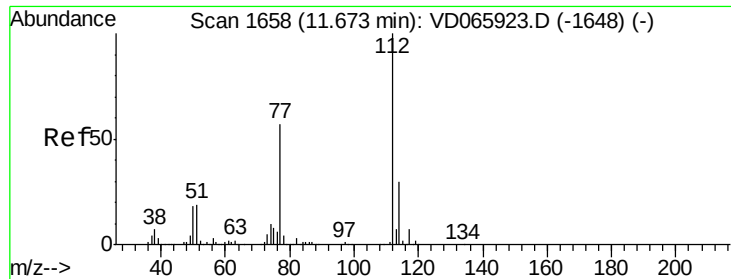
Tot Ion:117 Resp: 577053
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.7 24.3 36.5



#64
Tetrachloroethene
Concen: 46.239 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion:164 Resp: 194042
Ion Ratio Lower Upper
164 100
166 126.6 99.0 148.4
129 88.5 73.9 110.9
131 89.1 69.6 104.4

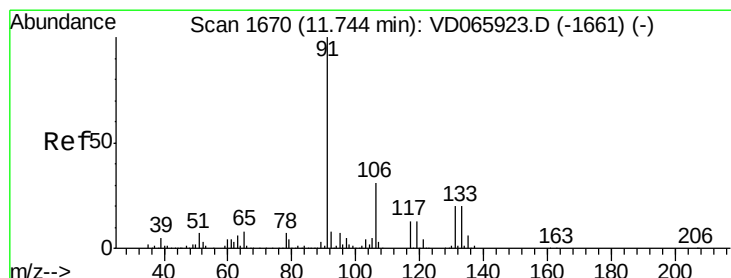
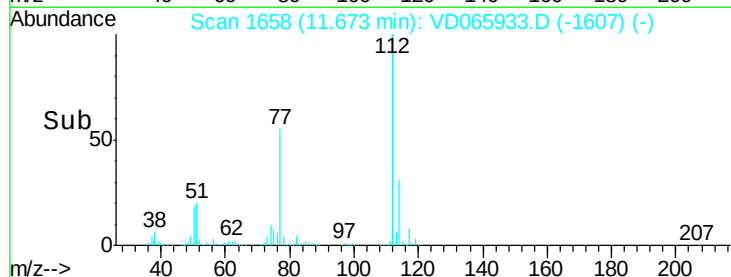
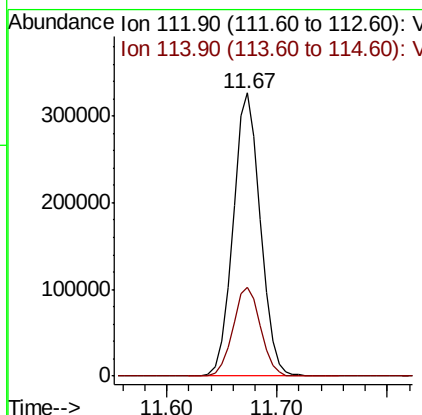
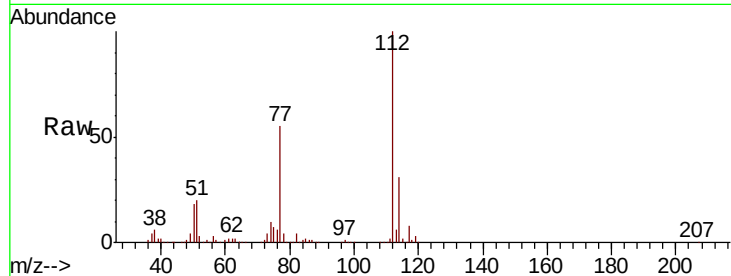




#65
Chlorobenzene
Concen: 48.551 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

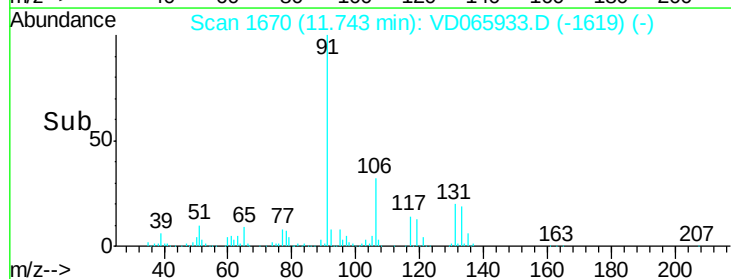
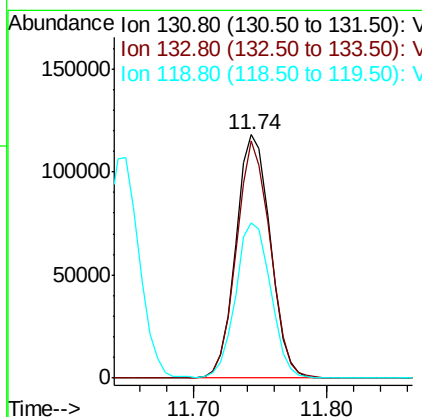
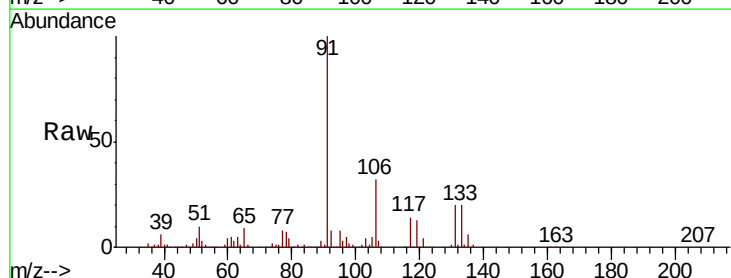
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

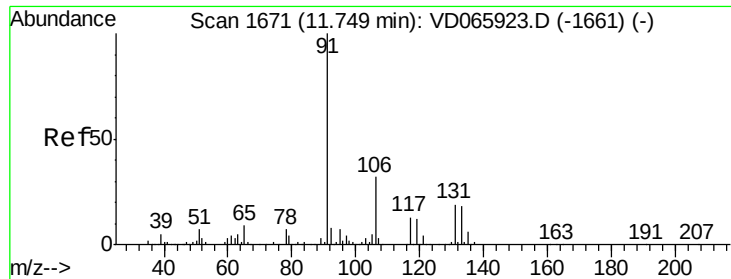
Tot Ion:112 Resp: 564585
Ion Ratio Lower Upper
112 100
114 31.4 24.2 36.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.532 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion:131 Resp: 211088
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 64.7 31.9 95.9

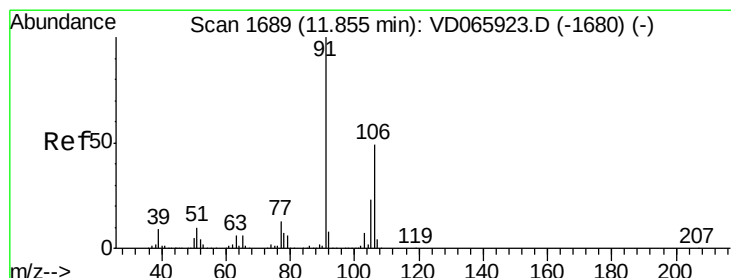
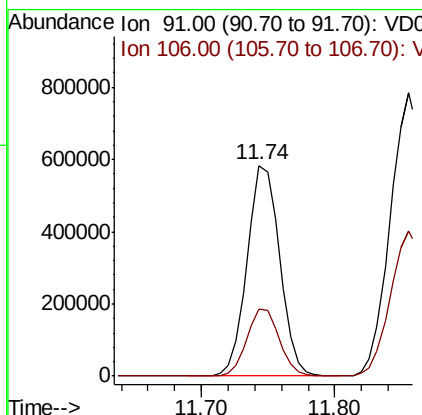
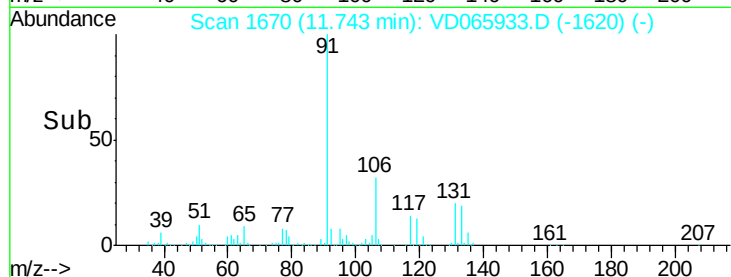
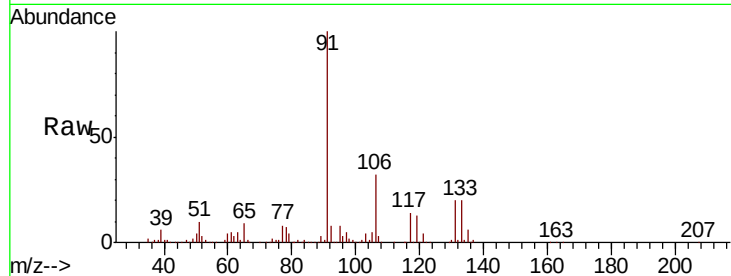




#67
Ethyl Benzene
Concen: 47.441 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

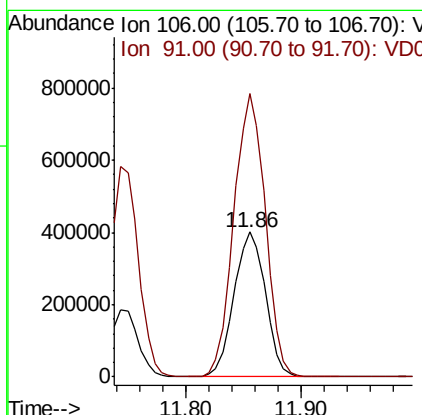
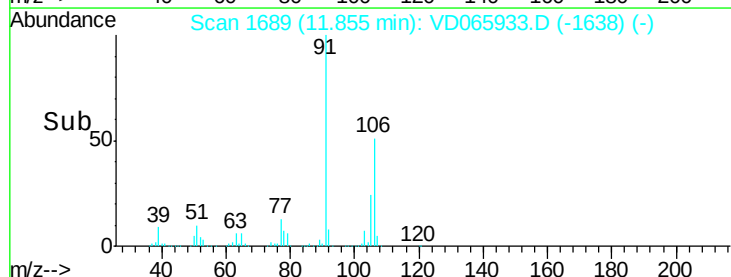
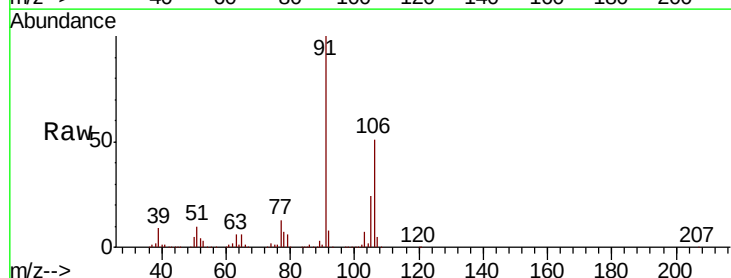
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

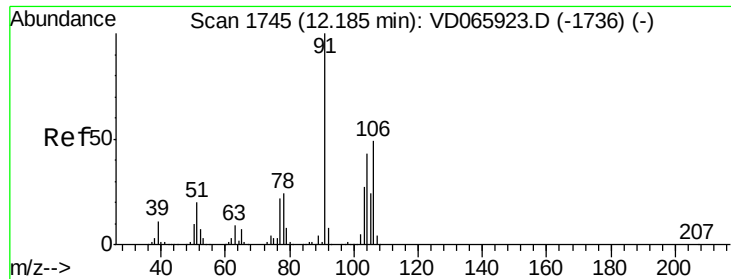
Tot Ion: 91 Resp: 980064
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8



#68
m/p-Xylenes
Concen: 96.398 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 106 Resp: 756609
Ion Ratio Lower Upper
106 100
91 195.8 158.2 237.2

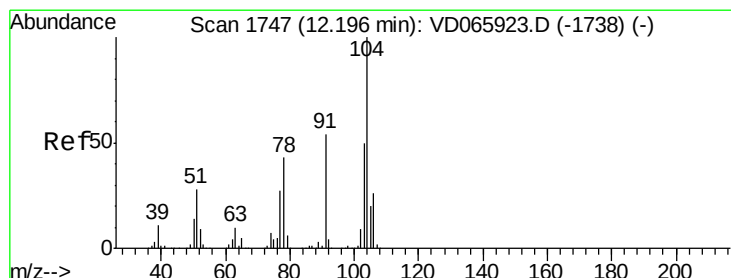
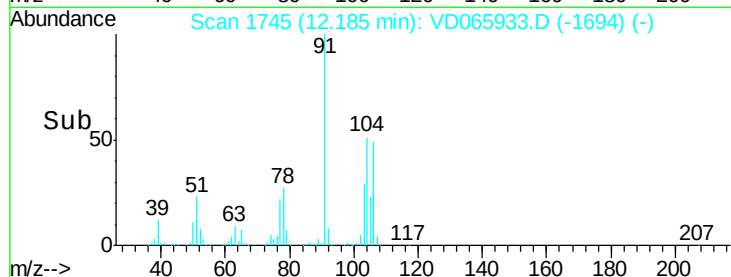
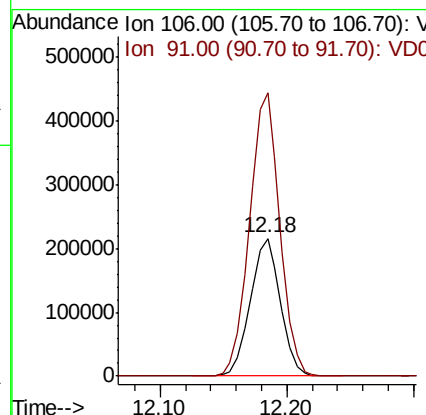
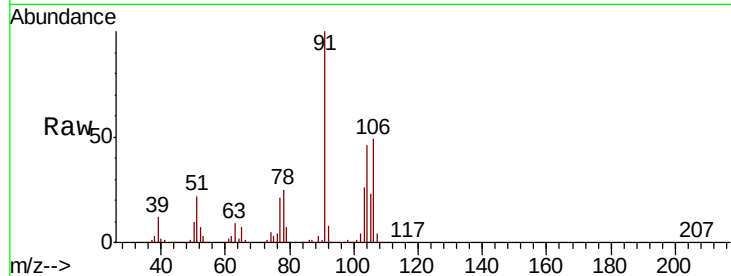




#69
o-Xylene
Concen: 49.514 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

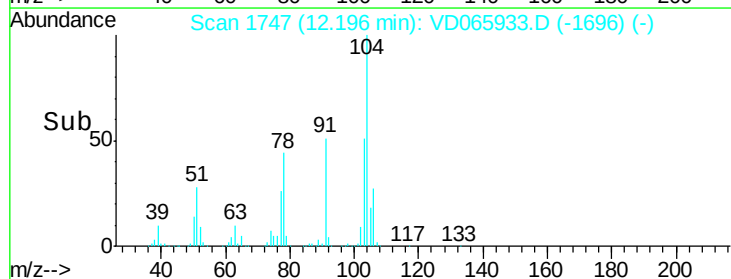
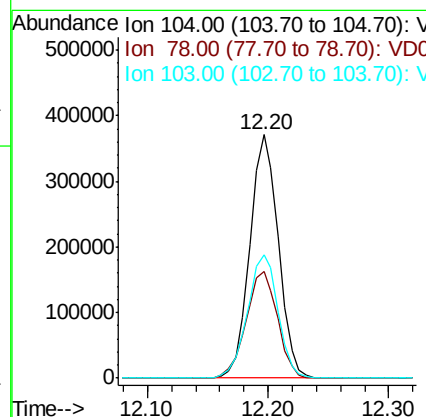
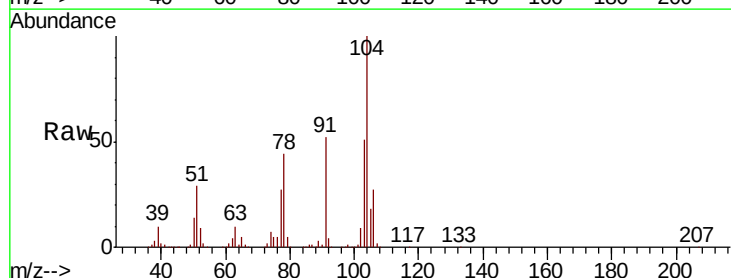
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

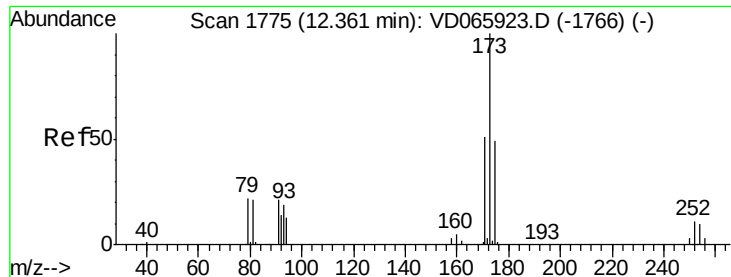
Tot Ion:106 Resp: 354015
Ion Ratio Lower Upper
106 100
91 207.4 104.1 312.2



#70
Styrene
Concen: 49.550 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion:104 Resp: 611566
Ion Ratio Lower Upper
104 100
78 48.2 38.8 58.2
103 54.4 43.6 65.4





#71

Bromoform

Concen: 48.584 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

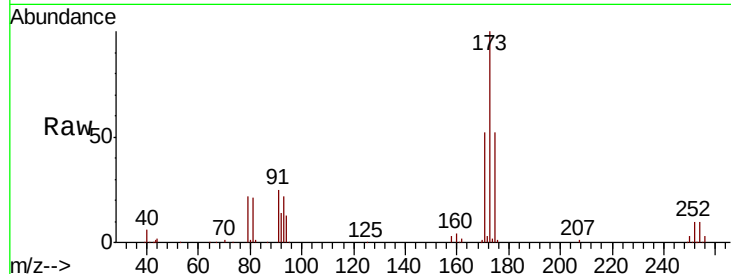
Tot Ion:173 Resp: 119571

Ion Ratio Lower Upper

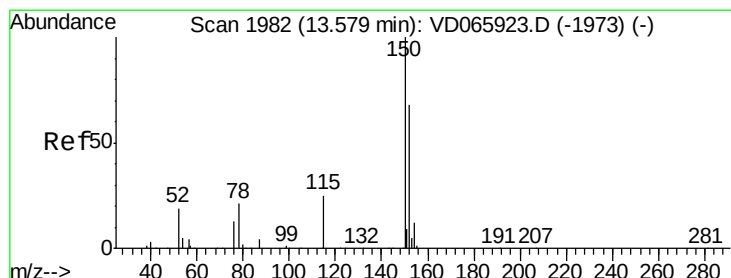
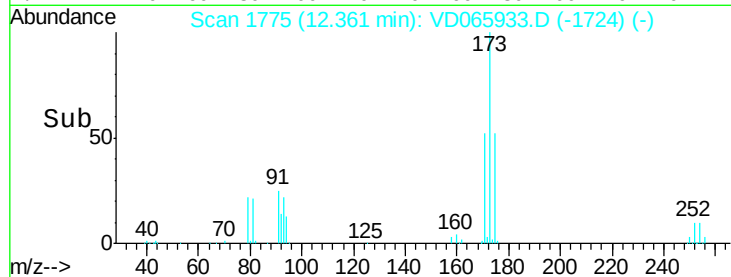
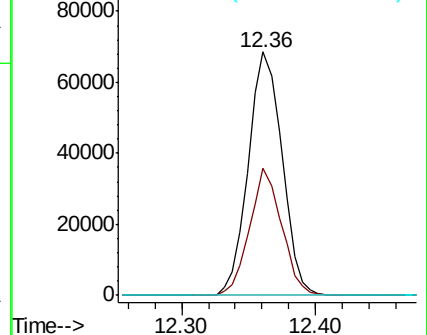
173 100

175 49.5 24.2 72.6

254 0.0 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# 1982

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

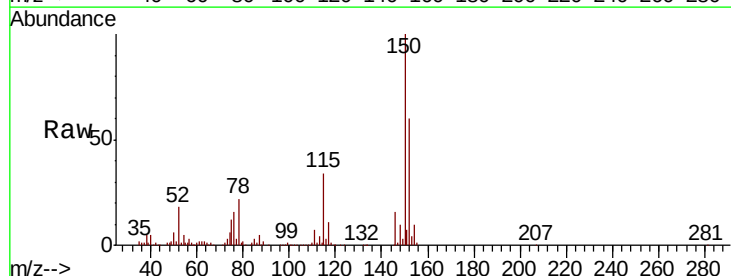
Tgt Ion:152 Resp: 277482

Ion Ratio Lower Upper

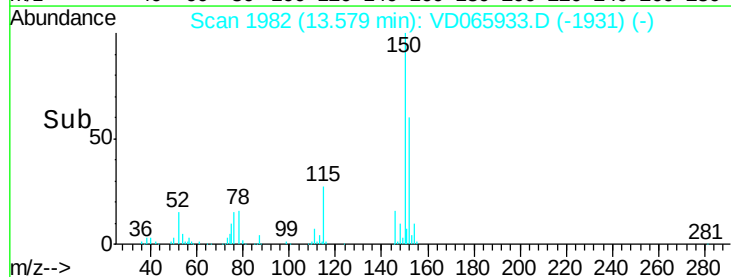
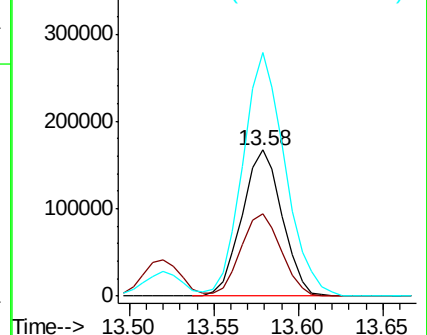
152 100

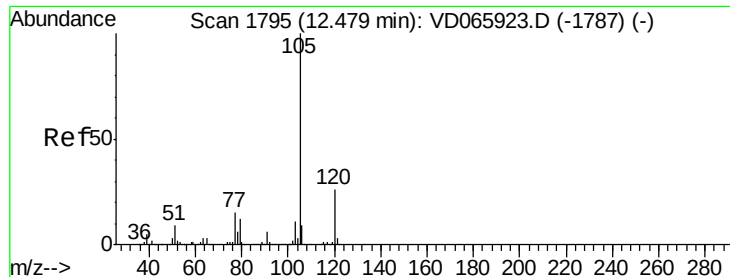
115 56.2 27.8 83.3

150 175.4 0.0 347.2



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: 48.585 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

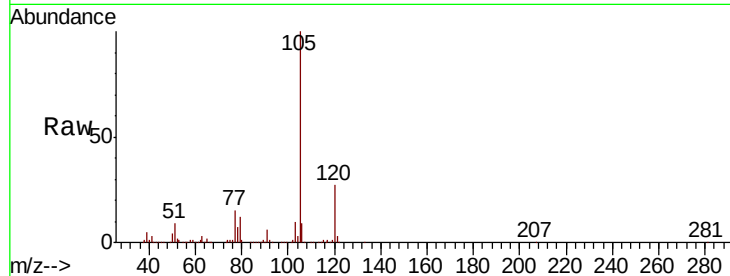
VSTDCCC050EC

Tot Ion:105 Resp: 940889

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

600000

500000

400000

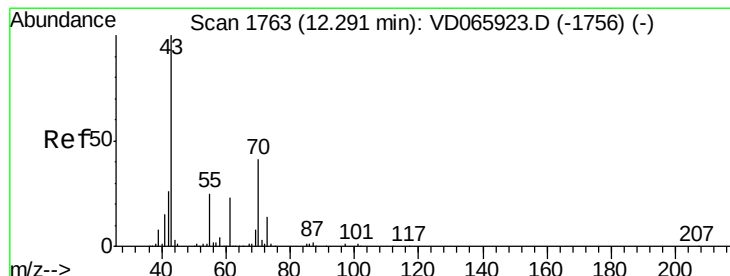
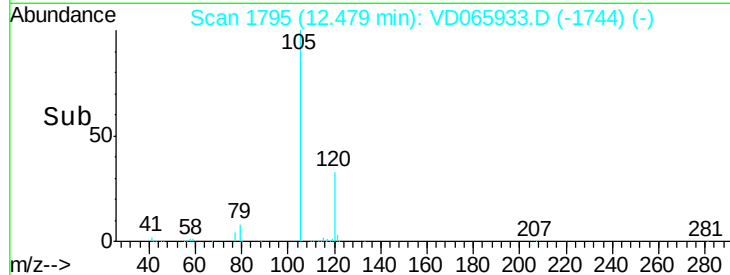
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.420 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Tgt Ion: 43 Resp: 223450

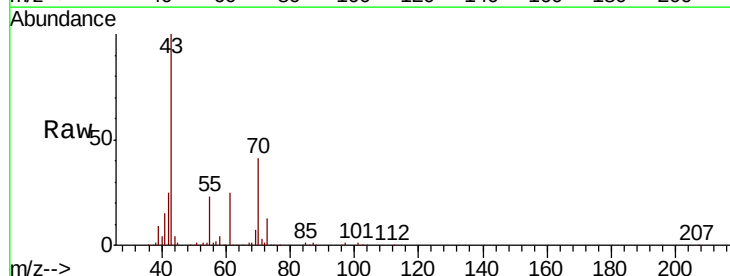
Ion Ratio Lower Upper

43 100

70 40.8 33.6 50.4

55 24.3 20.1 30.1

61 23.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

200000

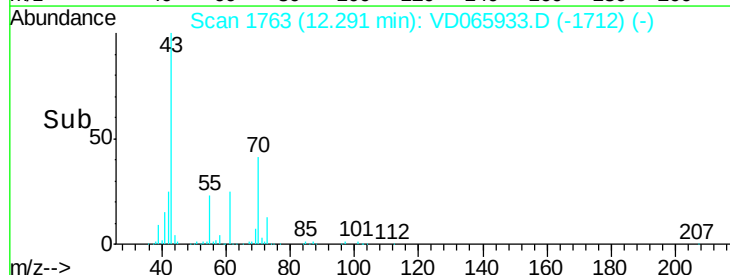
150000

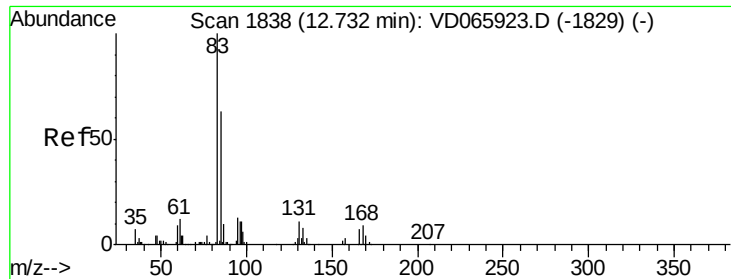
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.023 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

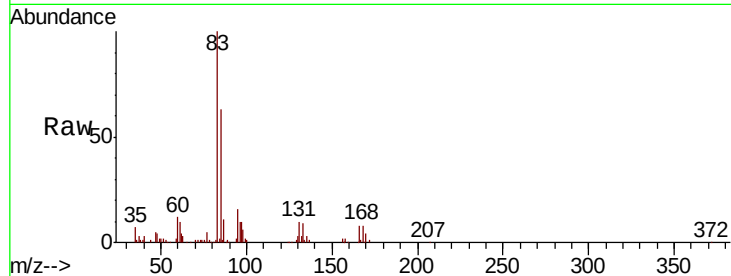
Tot Ion: 83 Resp: 160828

Ion Ratio Lower Upper

83 100

131 11.6 5.6 16.8

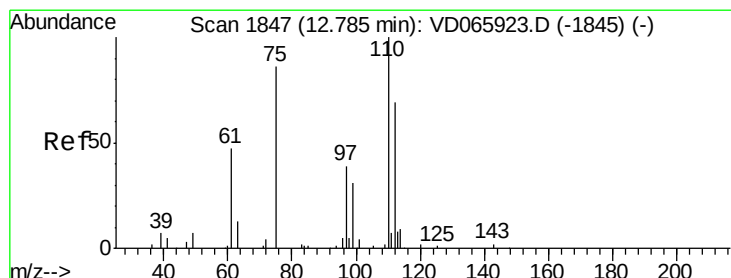
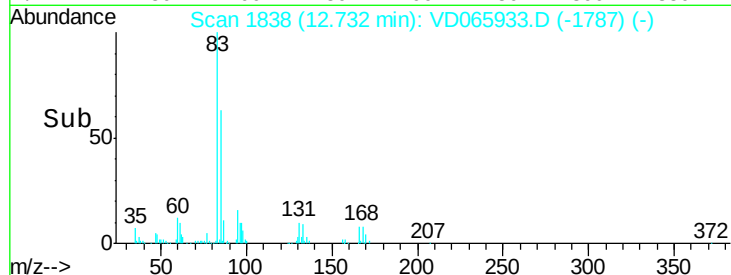
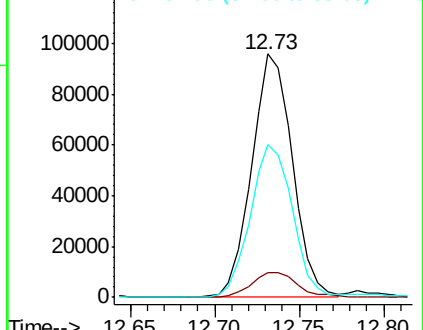
85 64.5 32.6 98.0



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: 89.744 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD065933.D

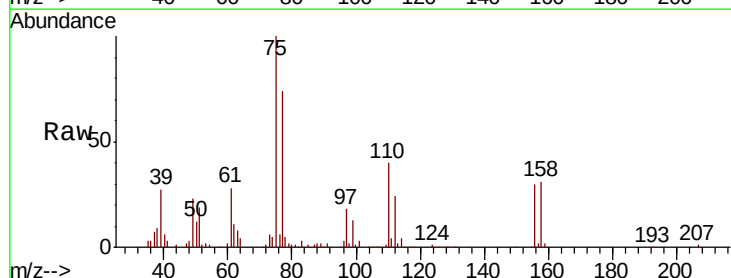
Acq: 07 Jul 2020 20:53

Tgt Ion: 75 Resp: 208897

Ion Ratio Lower Upper

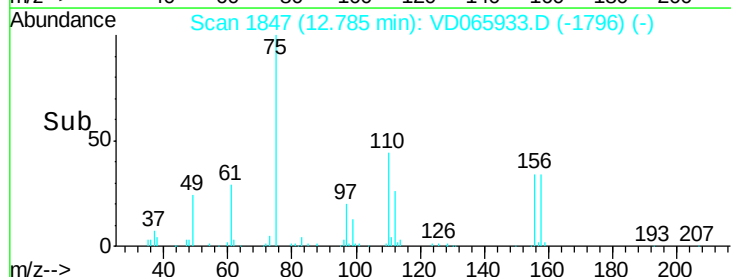
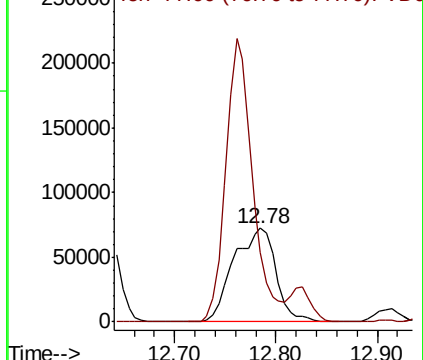
75 100

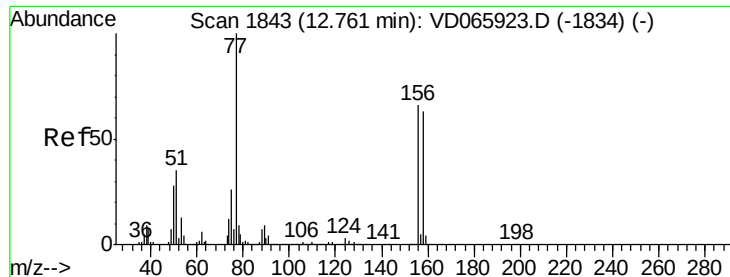
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.958 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

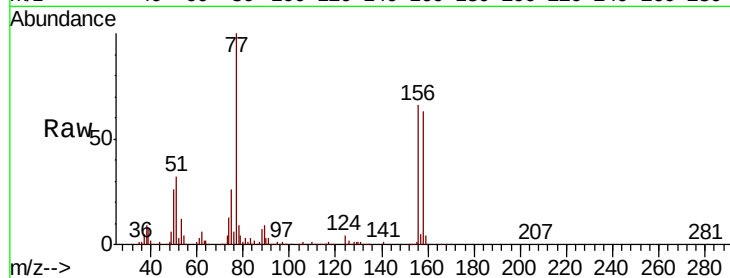
Tot Ion:156 Resp: 234651

Ion Ratio Lower Upper

156 100

77 172.2 85.0 255.0

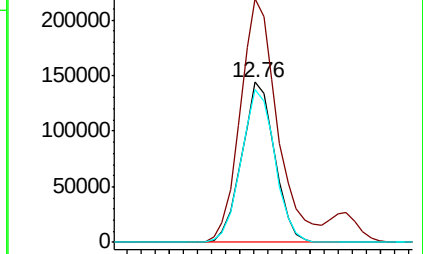
158 97.5 49.0 147.0



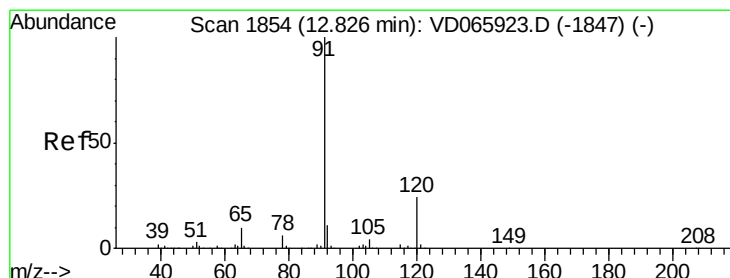
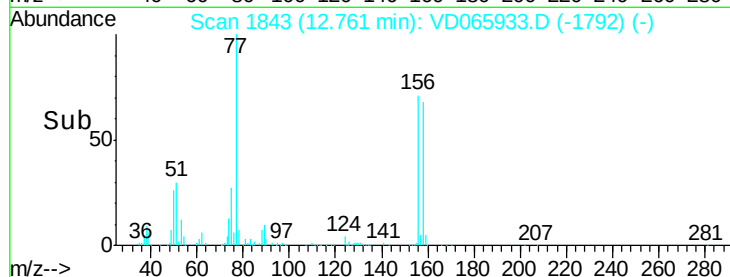
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 48.184 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD065933.D

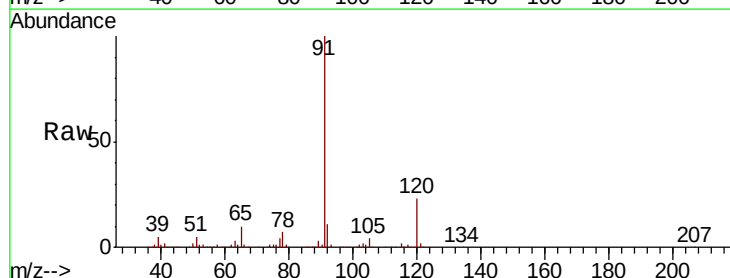
Acq: 07 Jul 2020 20:53

Tgt Ion: 91 Resp: 1093991

Ion Ratio Lower Upper

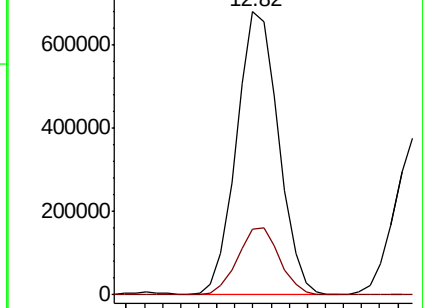
91 100

120 23.7 11.8 35.4

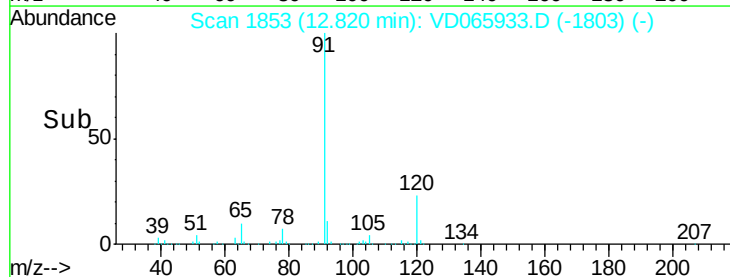


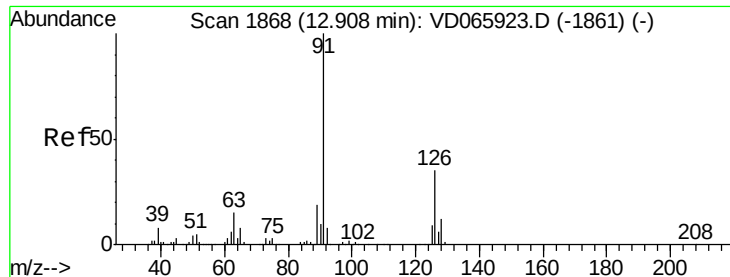
Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 49.270 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

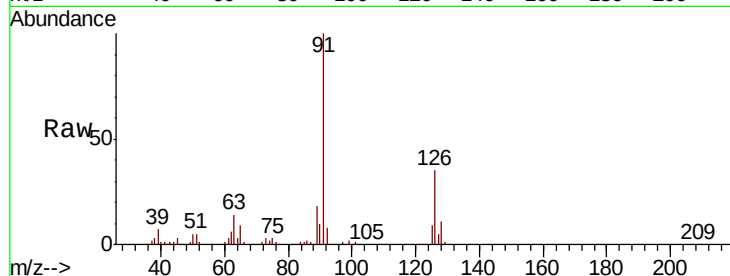
VSTDCCC050EC

Tot Ion: 91 Resp: 634616

Ion Ratio Lower Upper

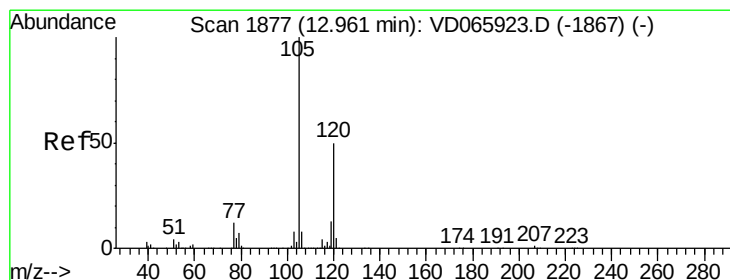
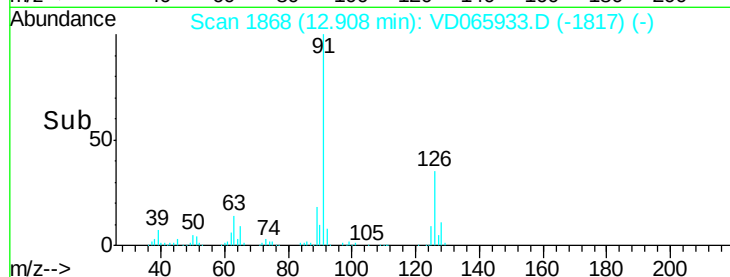
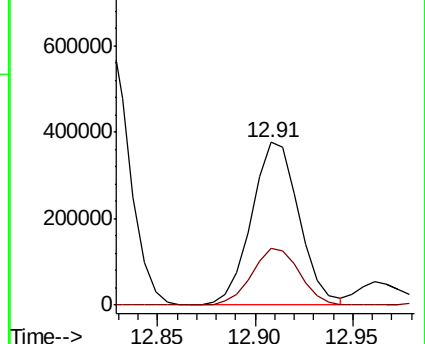
91 100

126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VD065933.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD065933.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.239 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD065933.D

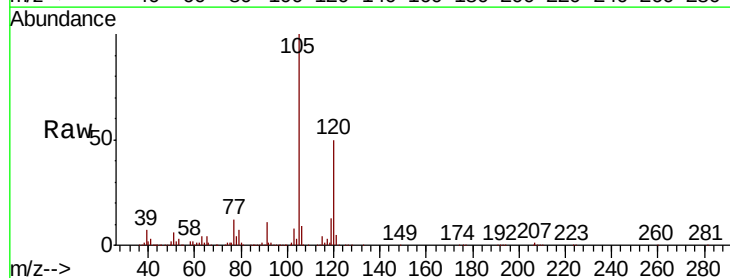
Acq: 07 Jul 2020 20:53

Tgt Ion:105 Resp: 779935

Ion Ratio Lower Upper

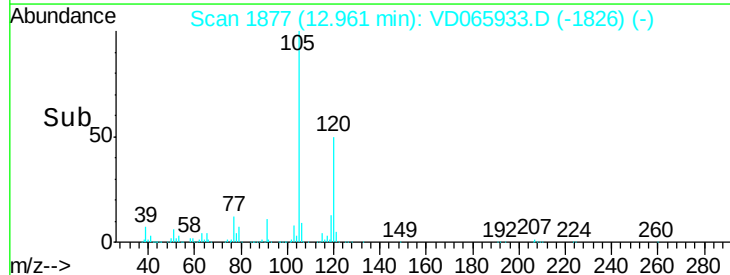
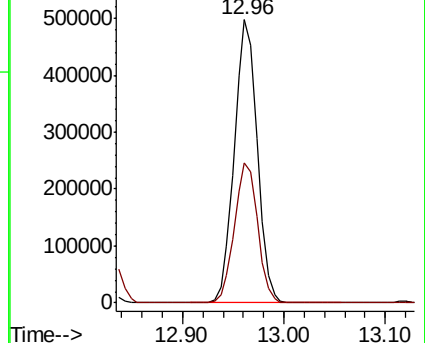
105 100

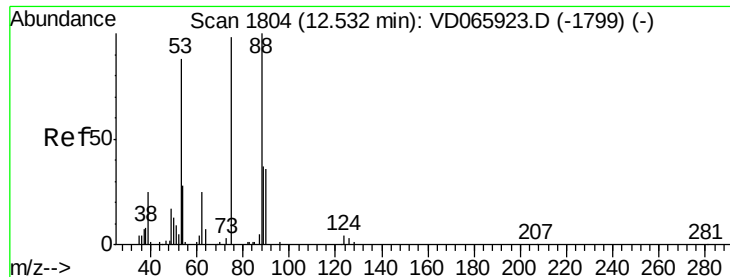
120 50.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VD065933.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD065933.D (-1826) (-)

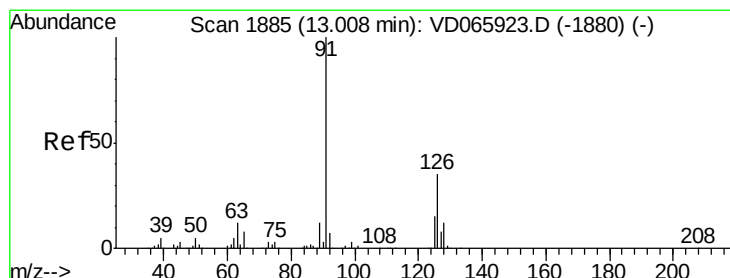
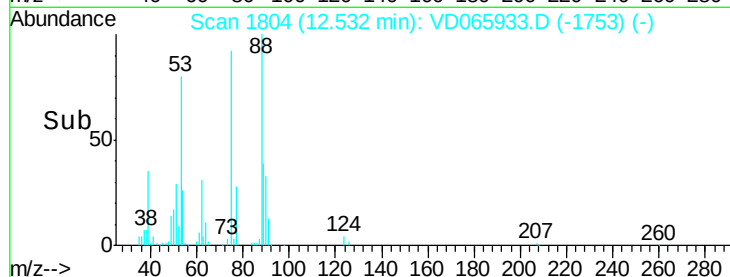
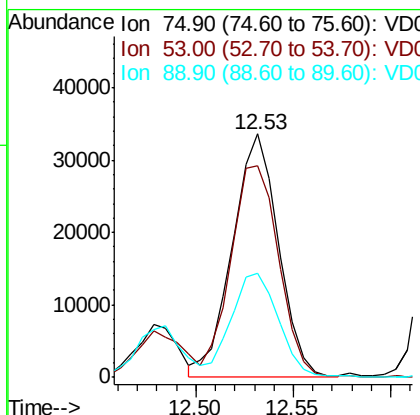
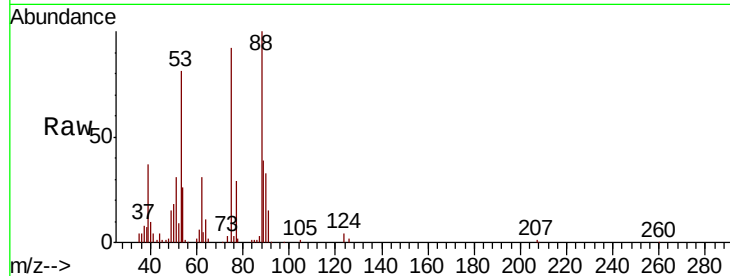




#81
trans-1,4-Dichloro-2-butene
Concen: 50.793 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

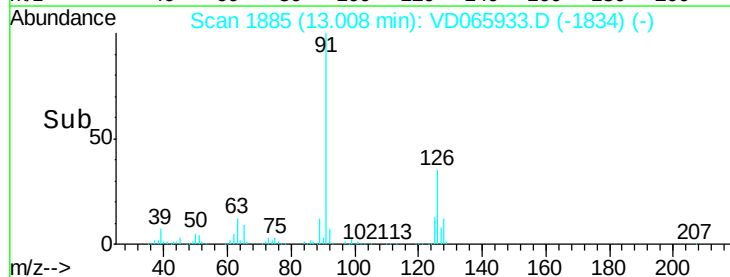
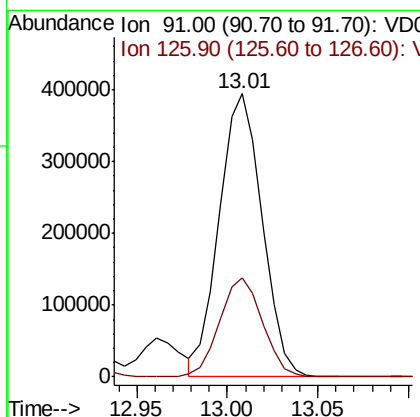
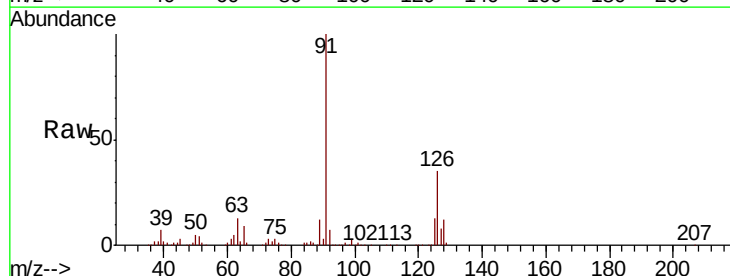
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

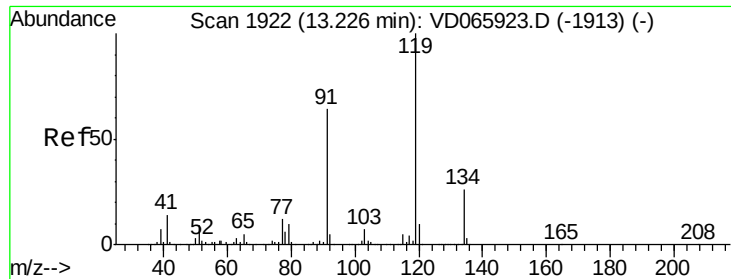
Tot Ion: 75 Resp: 55024
Ion Ratio Lower Upper
75 100
53 90.6 75.8 113.8
89 44.4 37.5 56.3



#82
4-Chlorotoluene
Concen: 47.892 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 91 Resp: 647196
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7

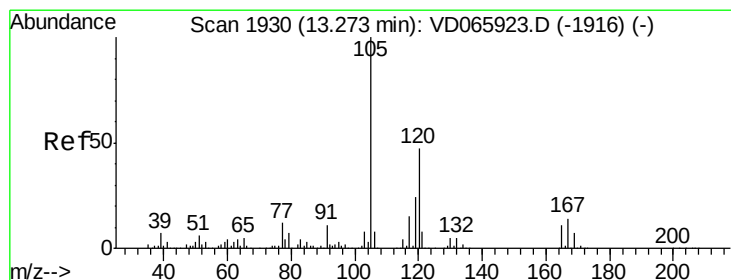
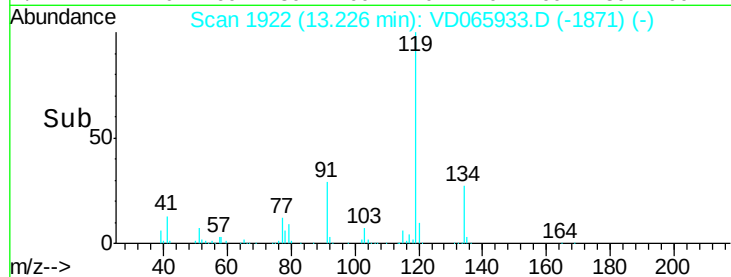
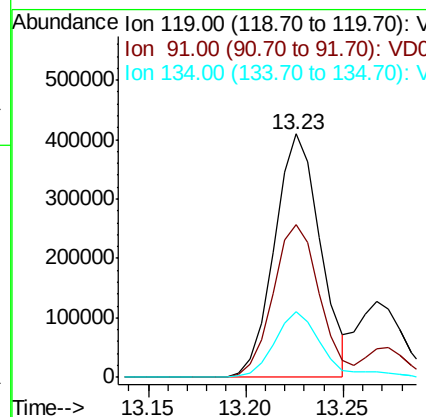
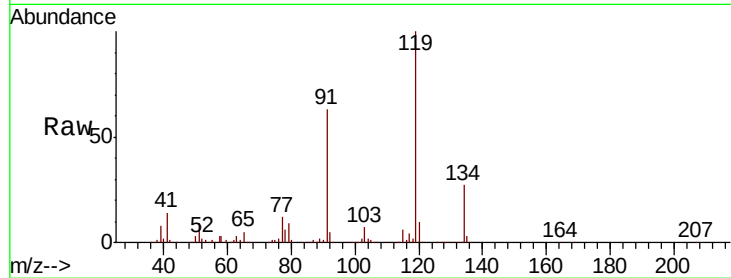




#83
 tert-Butylbenzene
 Concen: 49.385 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

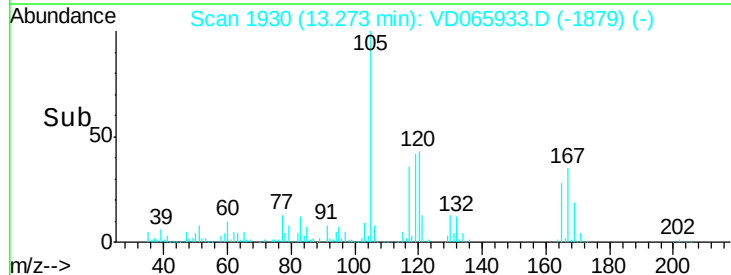
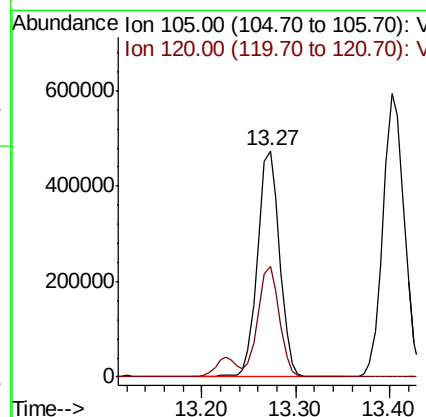
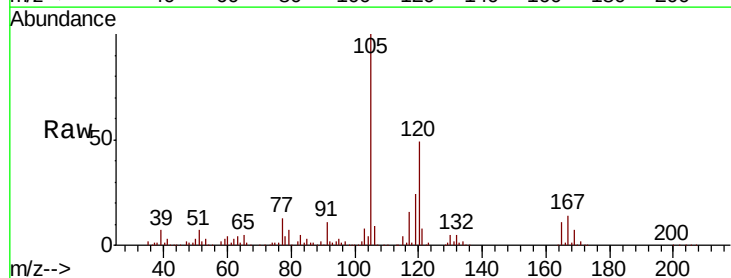
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

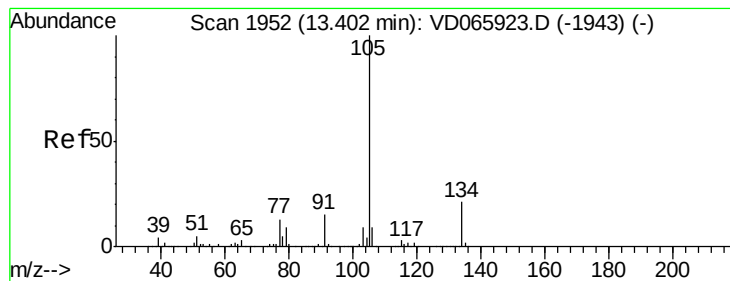
Tot Ion:119 Resp: 666458
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.4 97.2
 134 28.2 14.1 42.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.838 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion:105 Resp: 770045
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 48.680 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

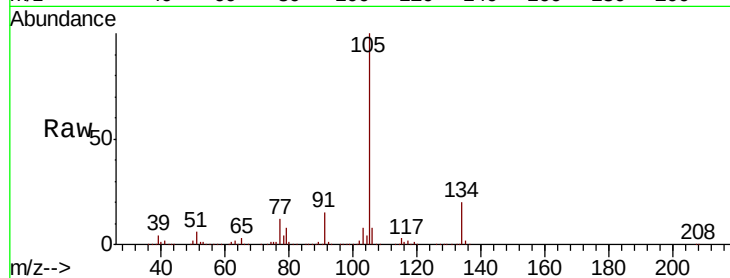
VSTDCCC050EC

Tot Ion:105 Resp: 931003

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

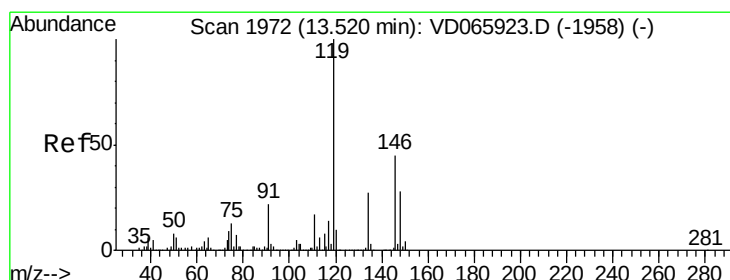
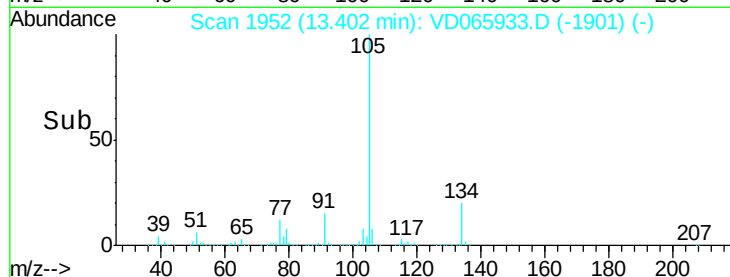
600000

400000

200000

0

Time--> 13.30 13.40 13.50



#86

p-Isopropyltoluene

Concen: 48.758 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

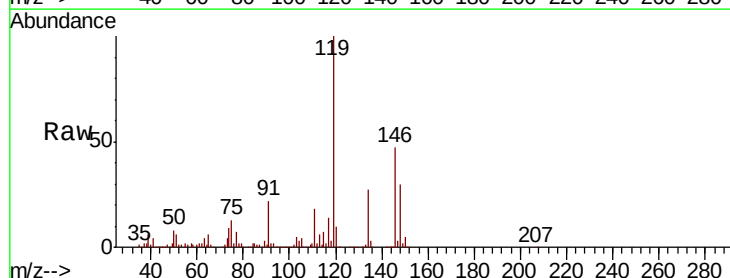
Tgt Ion:119 Resp: 852910

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

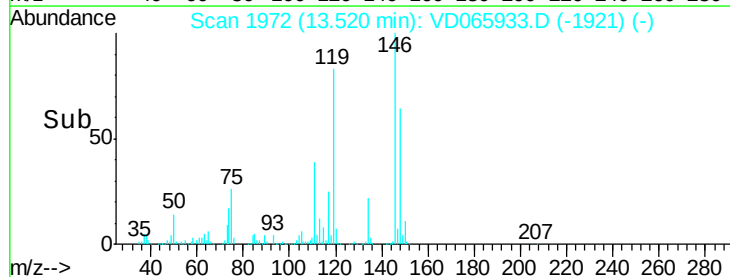
600000

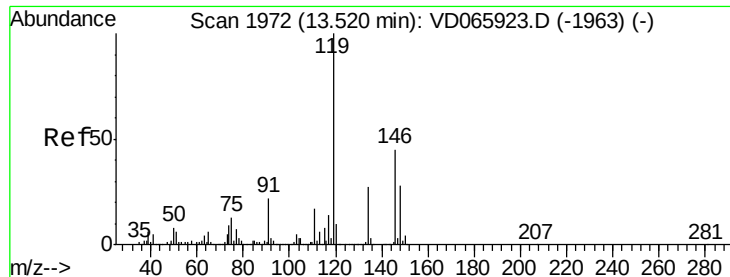
400000

200000

0

Time--> 13.50 13.60

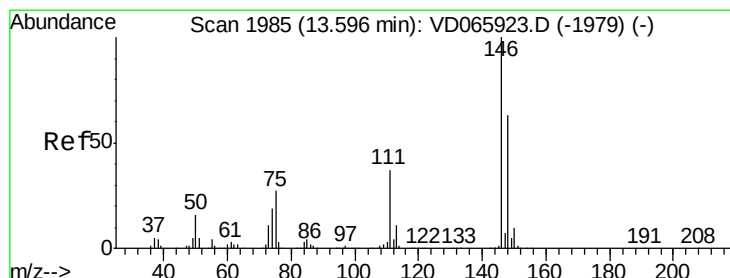
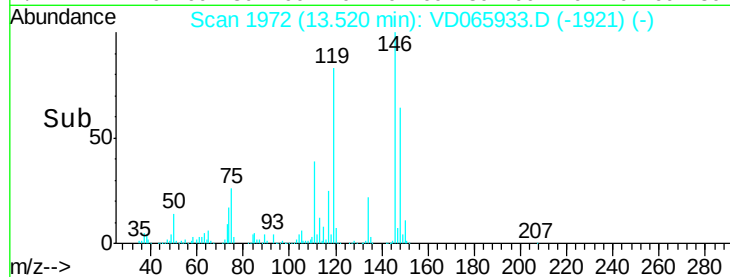
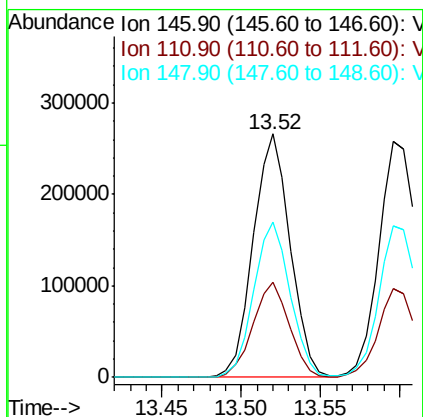
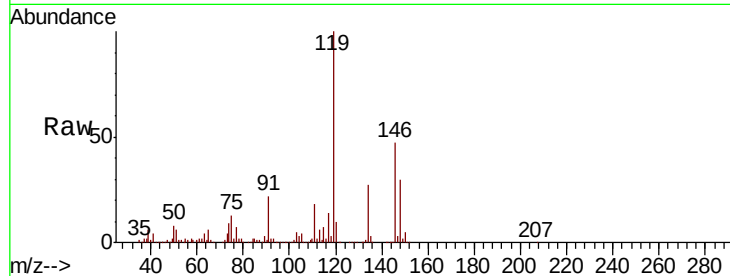




#87
 1,3-Dichlorobenzene
 Concen: 49.141 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

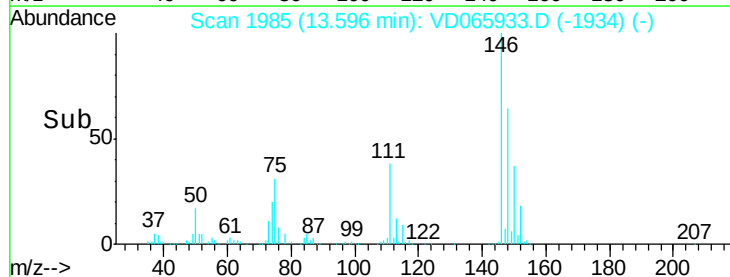
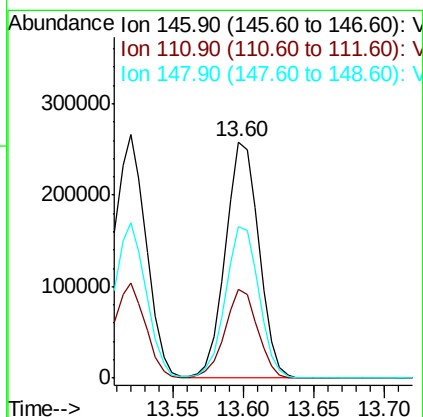
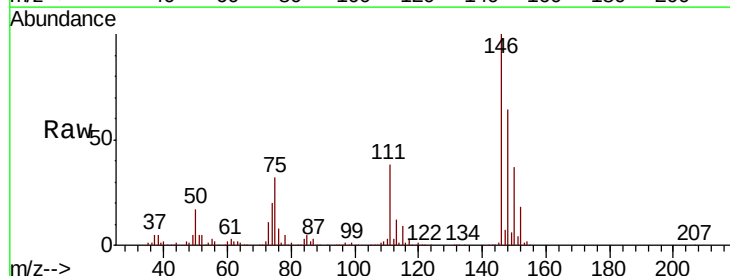
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

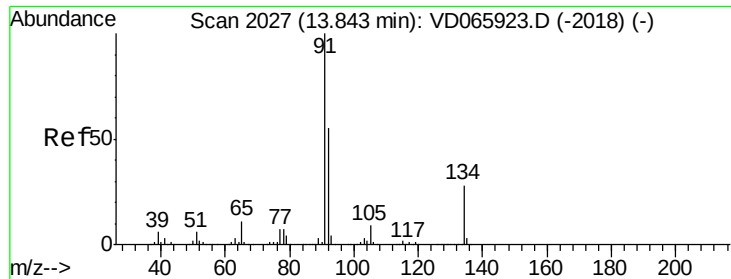
Tot Ion:146 Resp: 431911
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 62.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.653 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion:146 Resp: 426609
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.9 56.7
 148 64.3 32.1 96.3

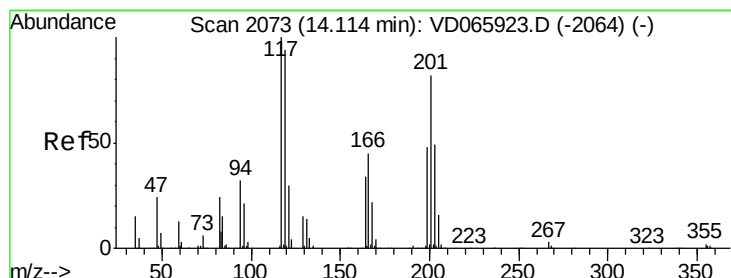
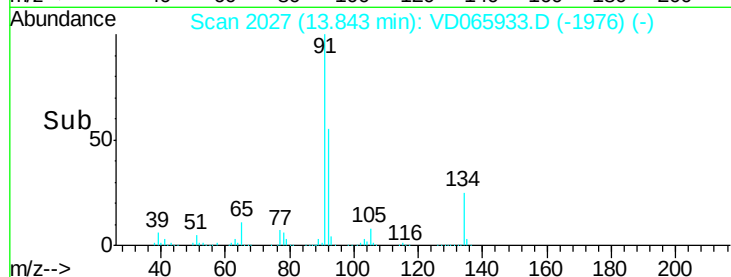
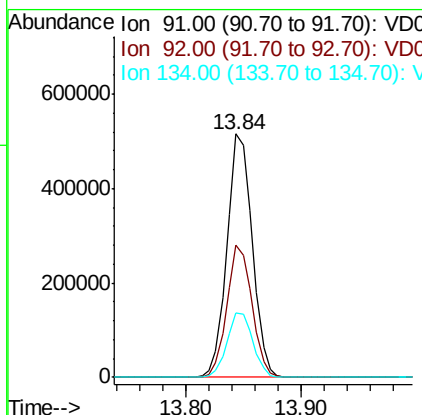
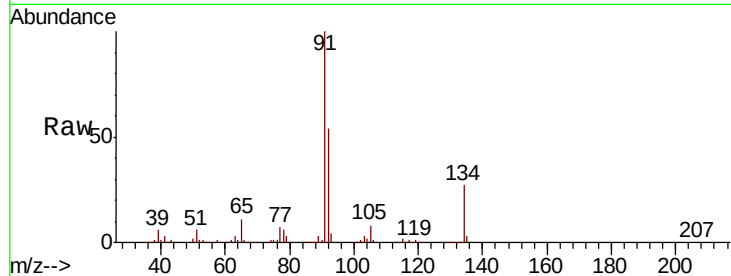




#89
n-Butylbenzene
Concen: 47.641 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

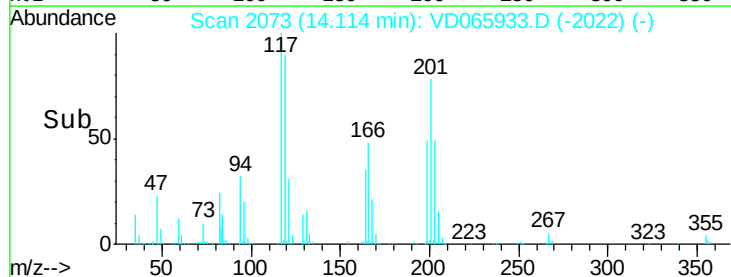
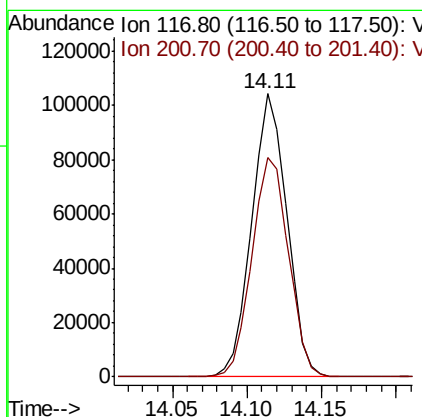
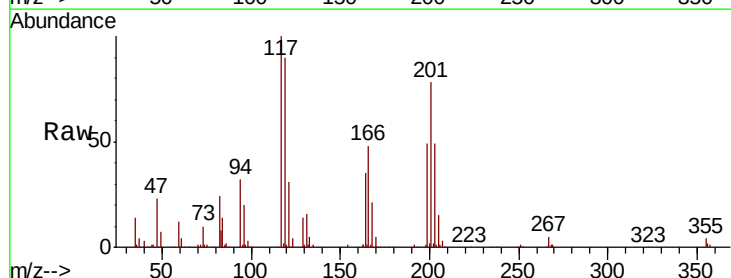
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

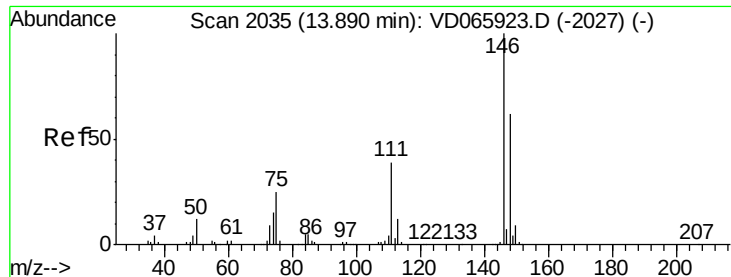
Tot Ion: 91 Resp: 782587
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 27.3 13.8 41.3



#90
Hexachloroethane
Concen: 48.112 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065933.D
Acq: 07 Jul 2020 20:53

Tgt Ion: 117 Resp: 169715
Ion Ratio Lower Upper
117 100
201 80.8 40.0 120.0

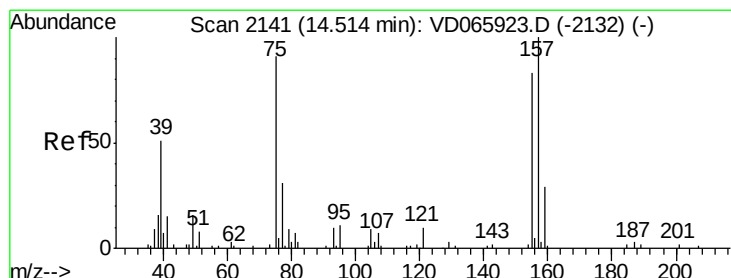
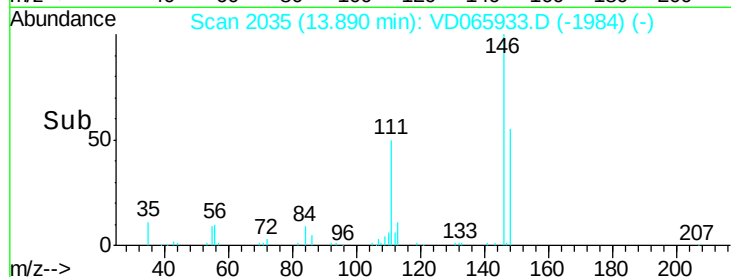
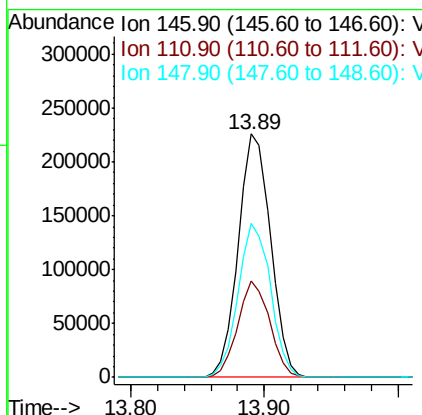
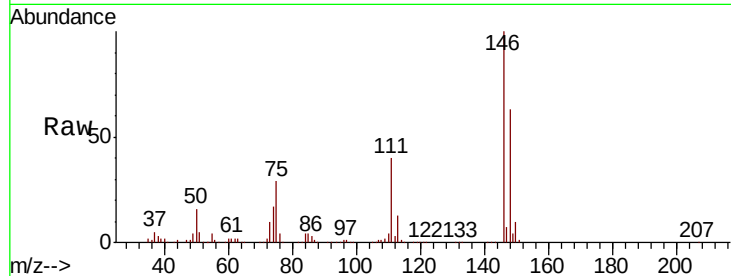




#91
 1,2-Dichlorobenzene
 Concen: 49.398 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

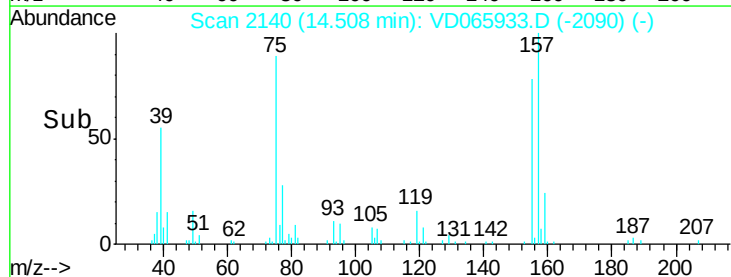
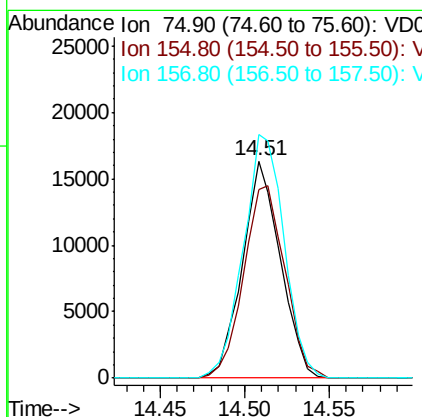
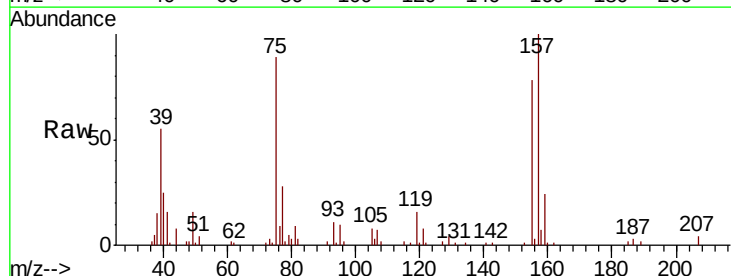
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

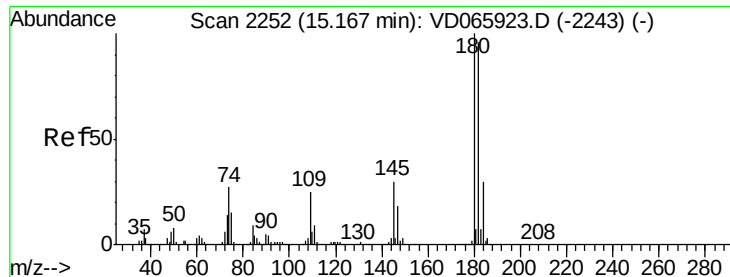
Tot Ion:146 Resp: 379469
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.0
 148 63.2 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.691 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion: 75 Resp: 25639
 Ion Ratio Lower Upper
 75 100
 155 95.9 45.3 135.8
 157 120.3 56.9 170.6

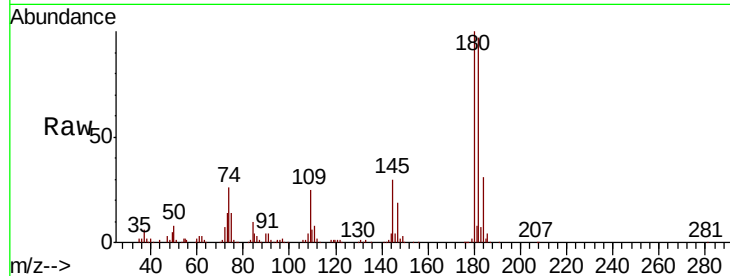




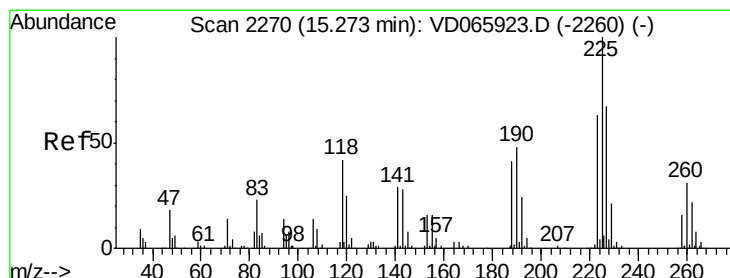
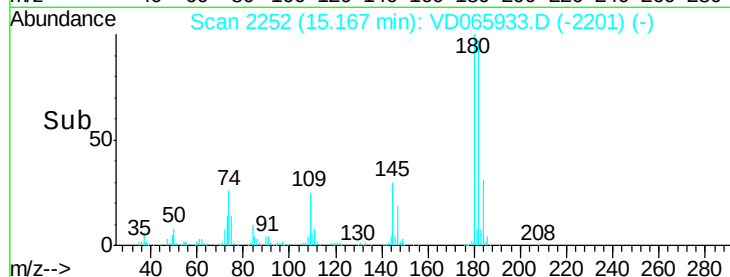
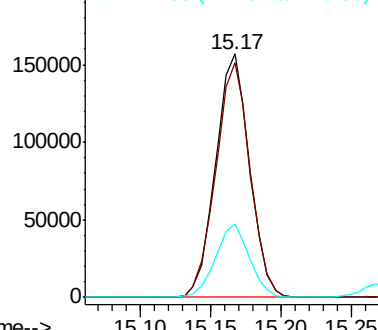
#93
 1,2,4-Trichlorobenzene
 Concen: 48.323 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 264563
 Ion Ratio Lower Upper
 180 100
 182 97.3 48.5 145.6
 145 29.9 15.0 45.1

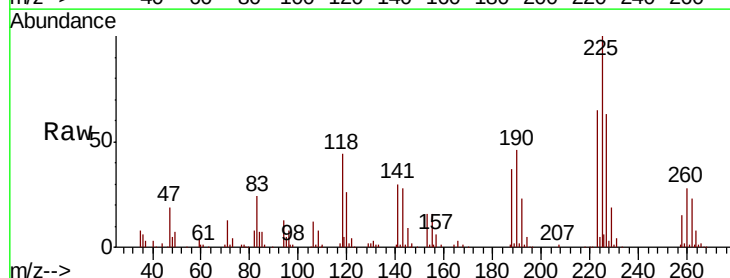


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

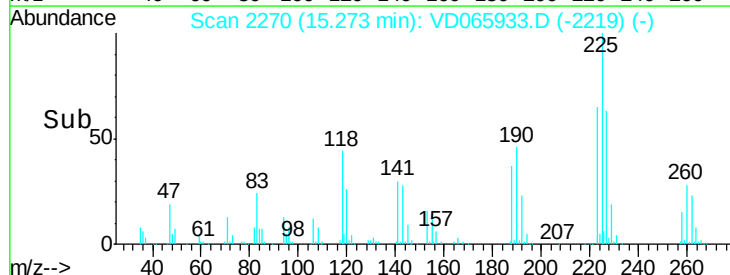
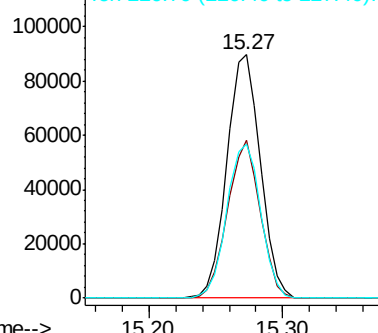


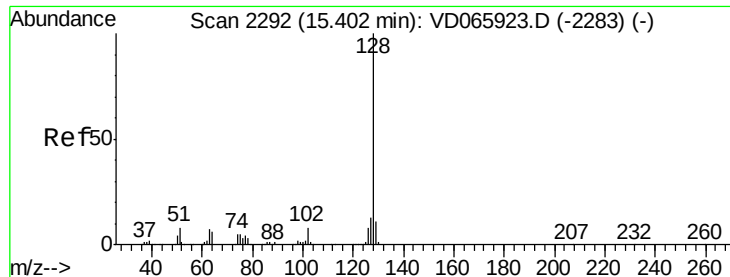
#94
 Hexachlorobutadiene
 Concen: 46.996 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065933.D
 Acq: 07 Jul 2020 20:53

Tgt Ion:225 Resp: 155640
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 64.1 31.6 95.0



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: 51.350 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

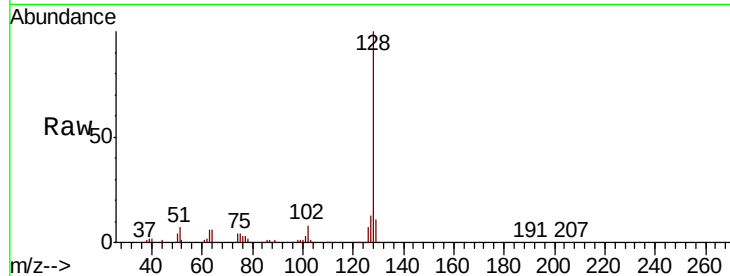
Tot Ion:128 Resp: 471502

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

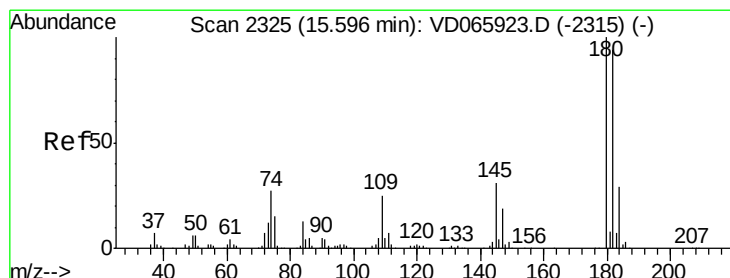
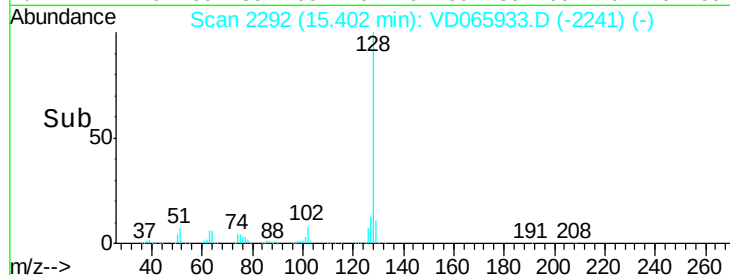
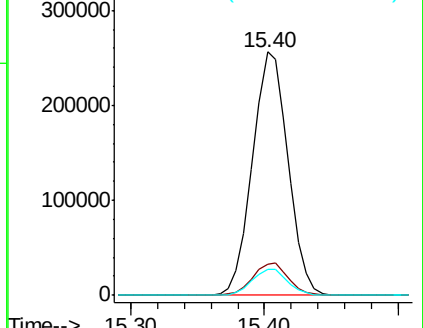
129 10.8 8.9 13.3



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: 49.398 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VD065933.D

Acq: 07 Jul 2020 20:53

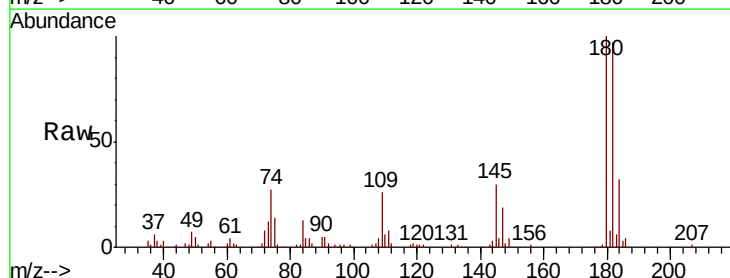
Tgt Ion:180 Resp: 233276

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 31.5 16.1 48.2



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

