

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067553.D
 Acq On : 06 Nov 2020 15:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 06 23:29:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	325910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	461707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	420438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	128346	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
35) Dibromofluoromethane	7.92	113	132428	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	10.34	98	452074	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.63	95	161328	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	123734	46.592	ug/l	98
3) Chloromethane	2.21	50	82695	40.746	ug/l	96
4) Vinyl Chloride	2.35	62	96154	42.495	ug/l	97
5) Bromomethane	2.77	94	76969	41.968	ug/l	97
6) Chloroethane	2.93	64	60458	43.339	ug/l	99
7) Trichlorofluoromethane	3.27	101	265609	45.336	ug/l	95
8) Diethyl Ether	3.71	74	54265	45.967	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	138176	46.723	ug/l	99
10) Methyl Iodide	4.30	142	147914	46.666	ug/l	99
11) Tert butyl alcohol	5.22	59	32392	264.976	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	124429	45.742	ug/l	93
13) Acrolein	3.92	56	34567	270.646	ug/l	99
14) Allyl chloride	4.71	41	134603	46.235	ug/l	98
15) Acrylonitrile	5.42	53	100251	229.729	ug/l	98
16) Acetone	4.16	43	97249	228.046	ug/l	99
17) Carbon Disulfide	4.41	76	367004	44.029	ug/l	98
18) Methyl Acetate	4.71	43	39346	44.649	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	262330	48.891	ug/l	99
20) Methylene Chloride	4.96	84	139479	46.302	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	144313	45.549	ug/l	95
22) Diisopropyl ether	6.36	45	266482	46.971	ug/l	95
23) Vinyl Acetate	6.31	43	723782	243.722	ug/l	95
24) 1,1-Dichloroethane	6.27	63	208326	44.885	ug/l	96
25) 2-Butanone	7.21	43	105284	231.054	ug/l	94
26) 2,2-Dichloropropane	7.21	77	228948	46.739	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	150933	45.896	ug/l	98
28) Bromochloromethane	7.54	49	79666	48.255	ug/l	96
29) Tetrahydrofuran	7.56	42	65931	241.552	ug/l	97
30) Chloroform	7.71	83	257218	46.454	ug/l	99
31) Cyclohexane	7.98	56	177070	42.841	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	264791	46.349	ug/l	100
36) 1,1-Dichloropropene	8.11	75	189585	47.970	ug/l	100
37) Ethyl Acetate	7.29	43	49907	48.640	ug/l	97
38) Carbon Tetrachloride	8.10	117	255645	49.786	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	231407	49.748	ug/l	97
40) Benzene	8.35	78	514283	48.040	ug/l	99
41) Methacrylonitrile	7.56	41	70714	115.298	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	157803	47.709	ug/l	99
43) Isopropyl Acetate	8.45	43	100787	49.668	ug/l	99
44) Trichloroethene	9.12	130	168417	47.846	ug/l	89
45) 1,2-Dichloropropane	9.39	63	110021	47.534	ug/l	98
46) Dibromomethane	9.48	93	70990	48.238	ug/l	99
47) Bromodichloromethane	9.67	83	196437	49.109	ug/l	97
48) Methyl methacrylate	9.46	41	55305	52.786	ug/l	95
49) 1,4-Dioxane	9.47	88	14630	979.249	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	245048	252.503	ug/l	99
52) Toluene	10.41	92	357085	49.799	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	175148	51.125	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	199095	48.914	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	95197	48.889	ug/l	98
56) Ethyl methacrylate	10.66	69	103656	51.549	ug/l	99
57) 1,3-Dichloropropane	10.95	76	154352	49.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	250470	267.110	ug/l	99
59) 2-Hexanone	10.98	43	173980	256.397	ug/l	100
60) Dibromochloromethane	11.14	129	144012	49.997	ug/l	100
61) 1,2-Dibromoethane	11.25	107	95659	48.948	ug/l	100
64) Tetrachloroethene	10.88	164	152112	48.852	ug/l	95
65) Chlorobenzene	11.67	112	385434	47.592	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	150756	47.229	ug/l	97
67) Ethyl Benzene	11.75	91	686226	49.516	ug/l	98
68) m/p-Xylenes	11.86	106	532348	98.736	ug/l	100
69) o-Xylene	12.18	106	239371	49.726	ug/l	99
70) Styrene	12.20	104	415683	49.556	ug/l	99
71) Bromoform	12.37	173	80847	49.662	ug/l #	100
73) Isopropylbenzene	12.48	105	688373	49.921	ug/l	99
74) N-amyl acetate	12.29	43	91641	50.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	89787	47.751	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	128635	99.941	ug/l #	100
77) Bromobenzene	12.77	156	162072	47.859	ug/l	97
78) n-propylbenzene	12.83	91	776423	49.227	ug/l	99
79) 2-Chlorotoluene	12.91	91	436445	48.713	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	588319	49.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29640	46.753	ug/l	97
82) 4-Chlorotoluene	13.01	91	461990	48.079	ug/l	100
83) tert-Butylbenzene	13.23	119	514849	51.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	587714	50.124	ug/l	100
85) sec-Butylbenzene	13.40	105	678376	50.337	ug/l	100
86) p-Isopropyltoluene	13.52	119	649455	49.904	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	309309	47.867	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	307896	47.057	ug/l	99
89) n-Butylbenzene	13.84	91	566694	50.413	ug/l	98
90) Hexachloroethane	14.11	117	120115	49.011	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	269807	48.245	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16353	49.121	ug/l	95

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QLast Update : Wed Nov 04 00:56:28 2020
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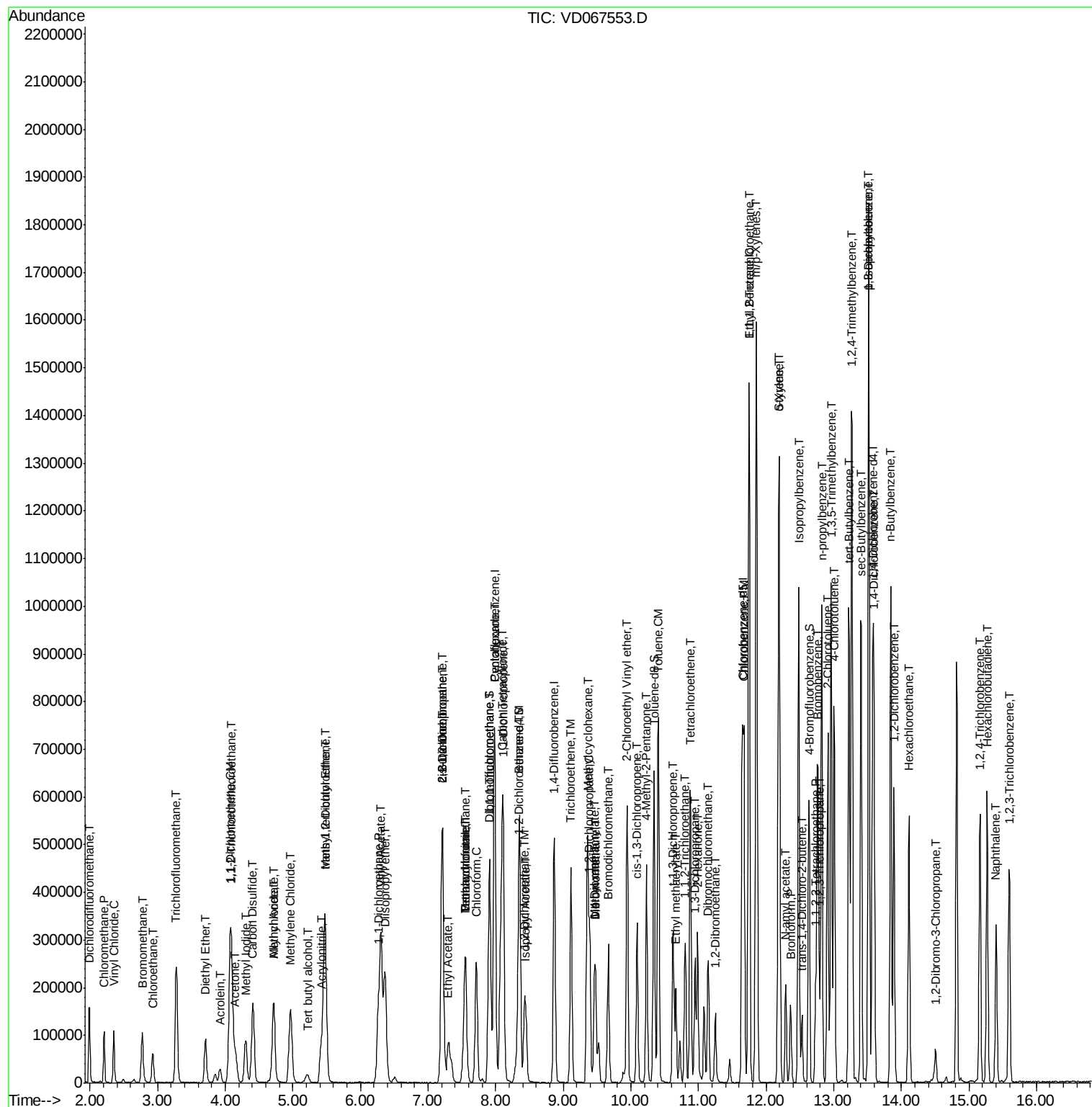
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	195154	51.414	ug/l	98
94) Hexachlorobutadiene	15.27	225	122070	48.052	ug/l	98
95) Naphthalene	15.40	128	310951	53.084	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	162289	49.929	ug/l	99

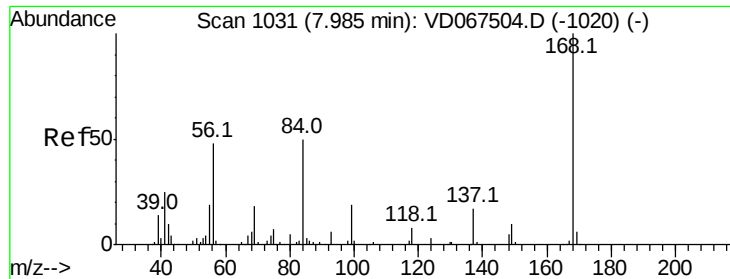
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

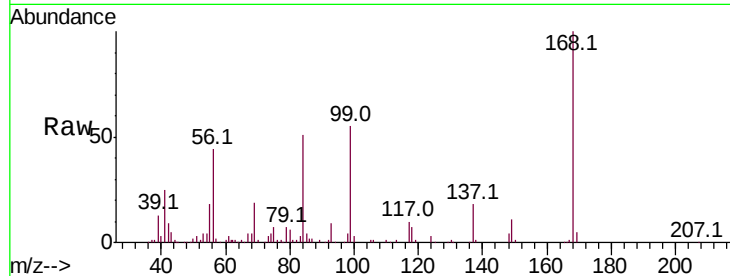
VSTDCCC050EC

Tot Ion:168 Resp: 325910

Ion Ratio Lower Upper

168 100

99 55.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

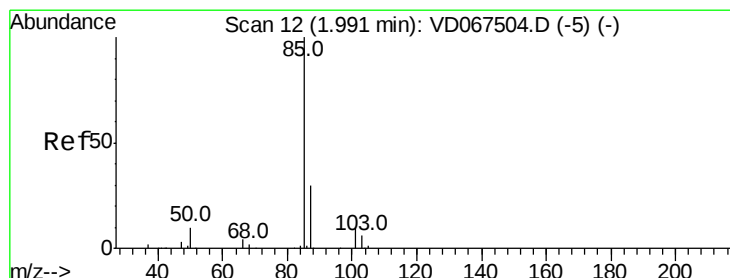
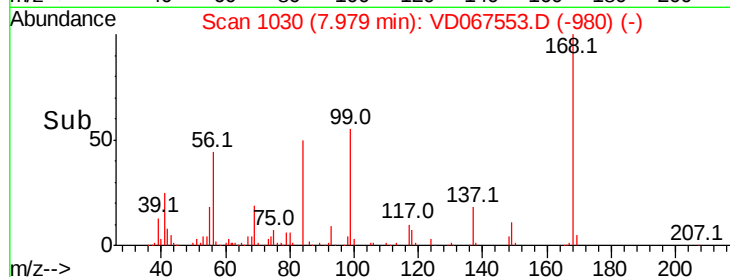
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.592 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067553.D

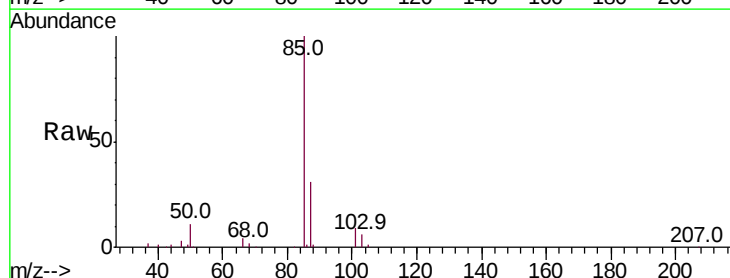
Acq: 06 Nov 2020 15:40

Tgt Ion: 85 Resp: 123734

Ion Ratio Lower Upper

85 100

87 31.4 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

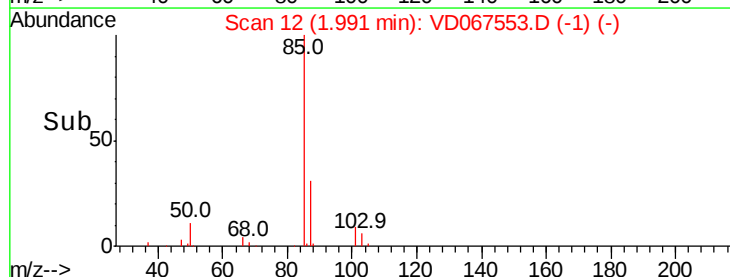
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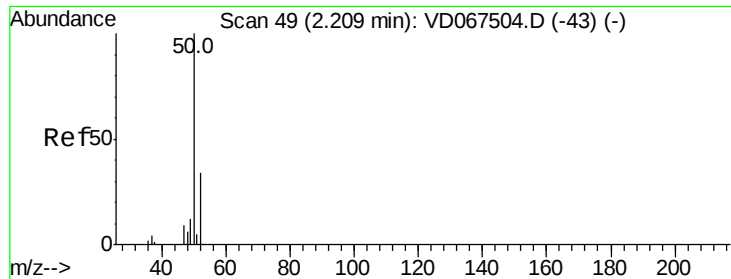
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 40.746 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

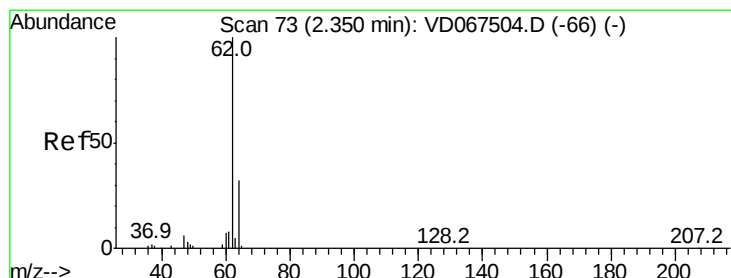
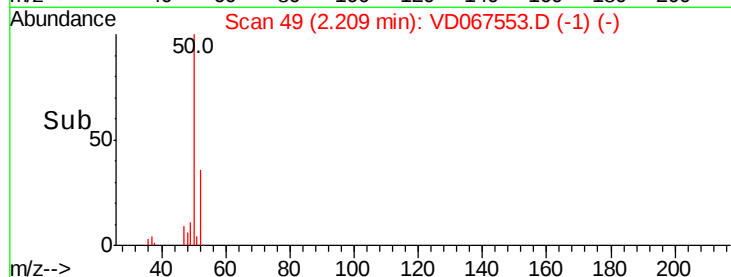
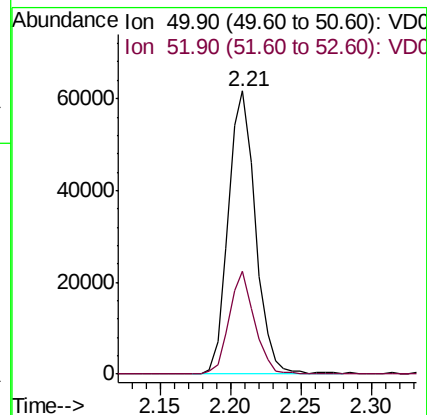
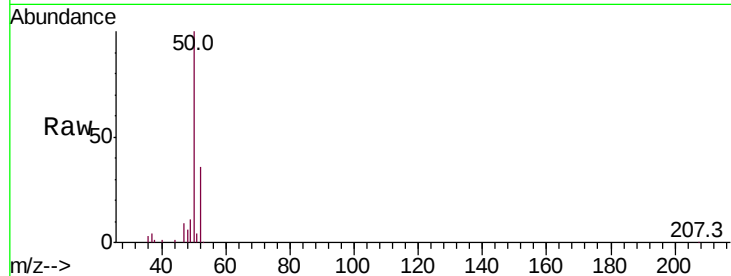
VSTDCCC050EC

Tot Ion: 50 Resp: 82695

Ion Ratio Lower Upper

50 100

52 36.2 27.3 40.9



#4

Vinyl Chloride

Concen: 42.495 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067553.D

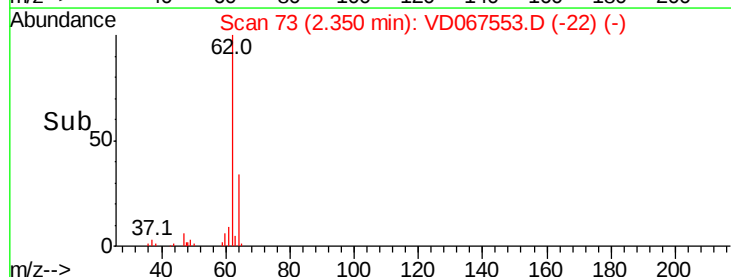
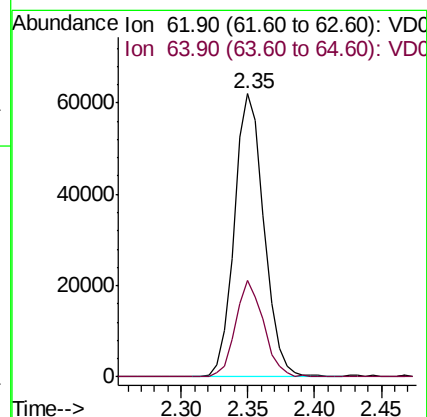
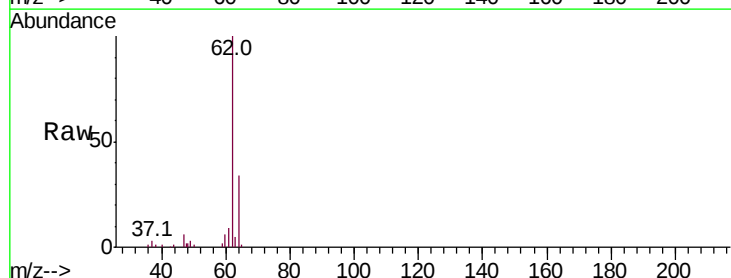
Acq: 06 Nov 2020 15:40

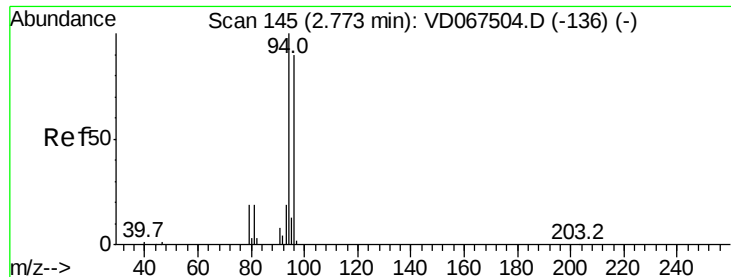
Tgt Ion: 62 Resp: 96154

Ion Ratio Lower Upper

62 100

64 33.9 25.6 38.4





#5

Bromomethane

Concen: 41.968 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

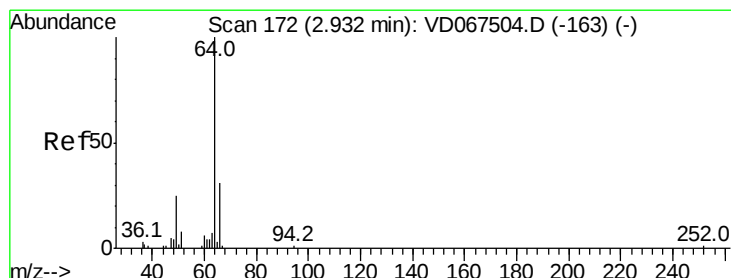
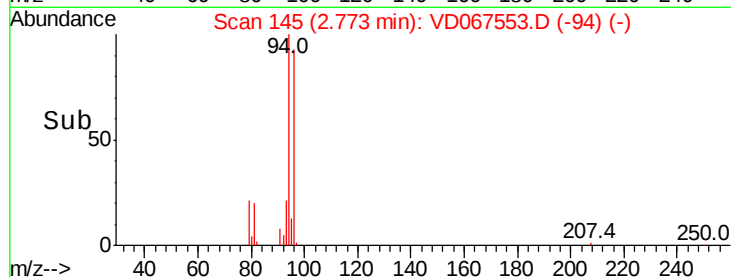
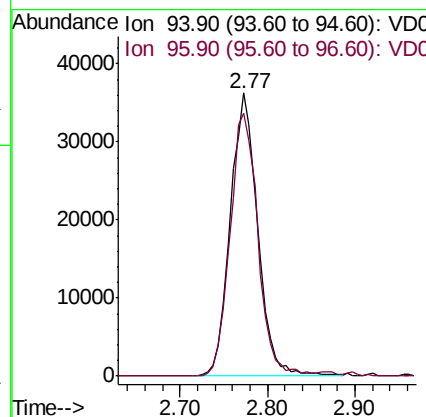
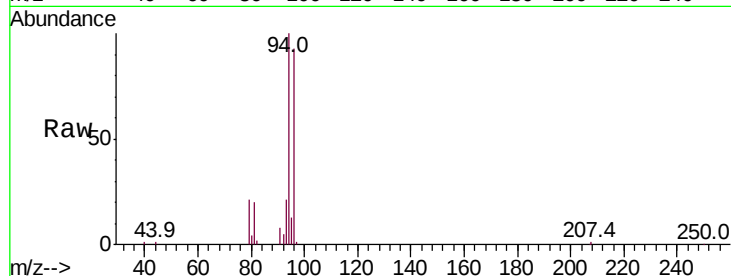
VSTDCCC050EC

Tot Ion: 94 Resp: 76969

Ion Ratio Lower Upper

94 100

96 92.7 72.2 108.2



#6

Chloroethane

Concen: 43.339 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067553.D

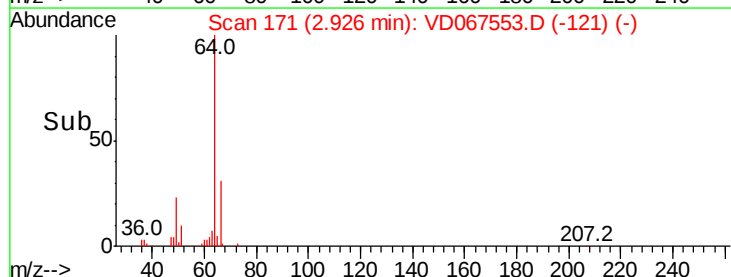
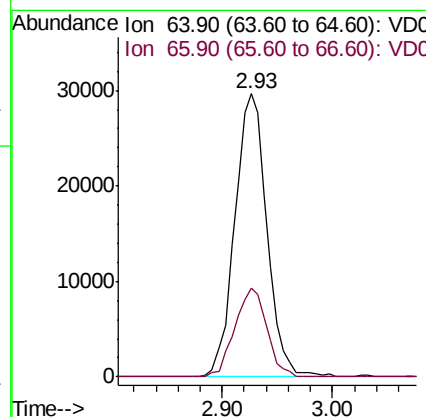
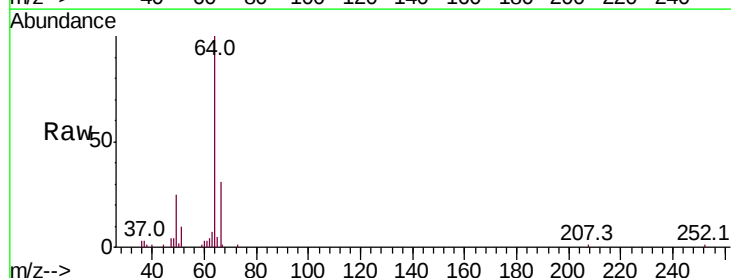
Acq: 06 Nov 2020 15:40

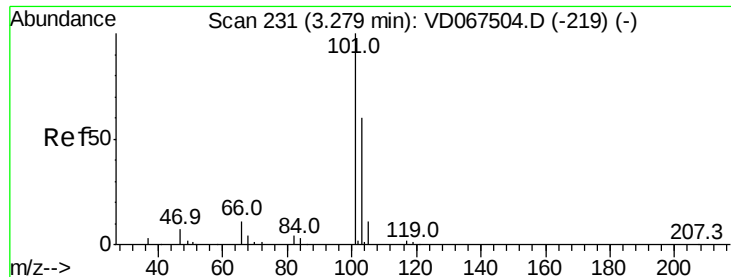
Tgt Ion: 64 Resp: 60458

Ion Ratio Lower Upper

64 100

66 31.2 24.6 36.8



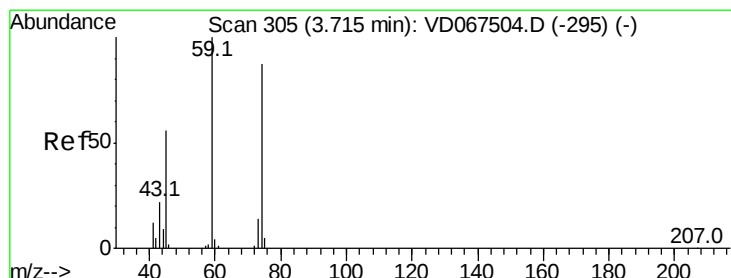
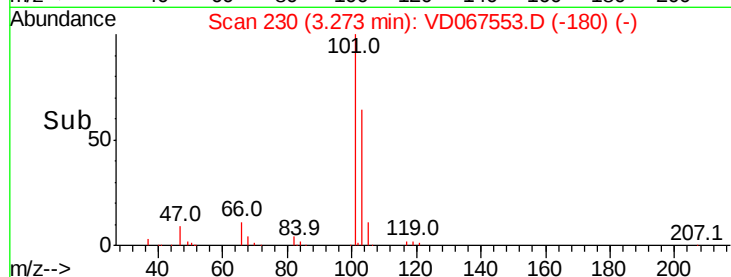
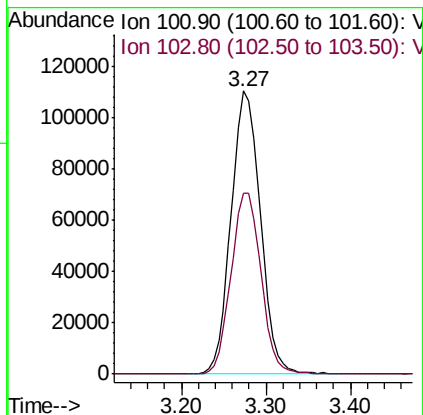
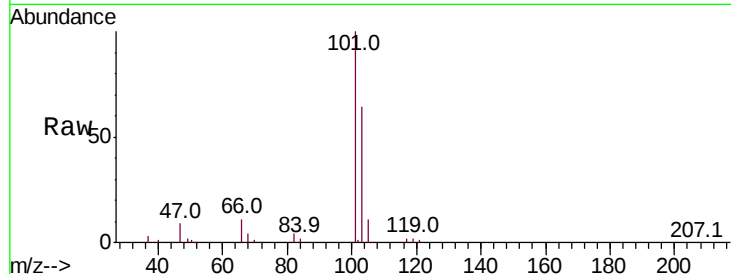


#7

Trichlorofluoromethane
 Concen: 45.336 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VD067553.D
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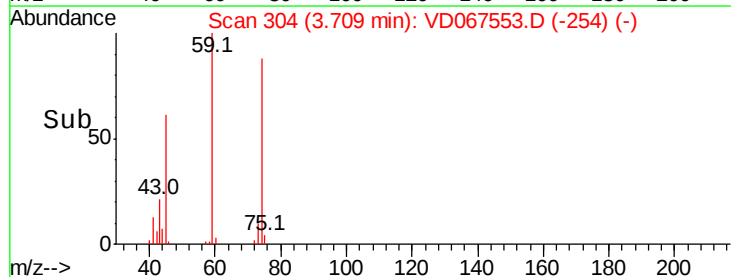
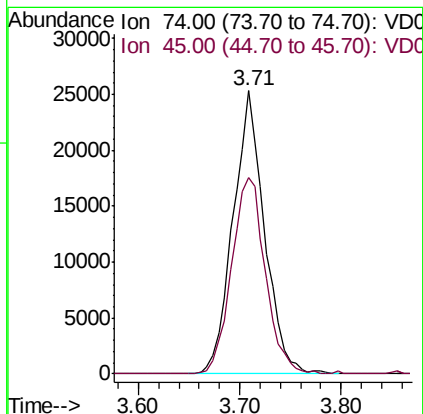
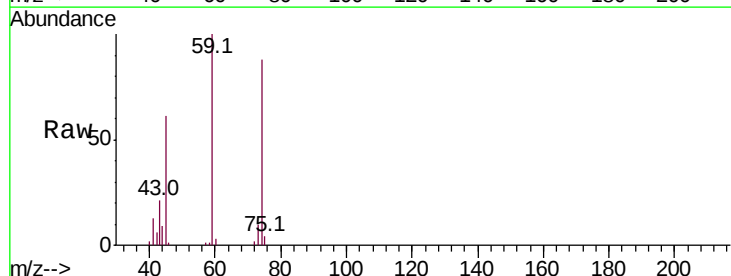
Tot Ion:101 Resp: 265609
 Ion Ratio Lower Upper
 101 100
 103 63.8 48.1 72.1

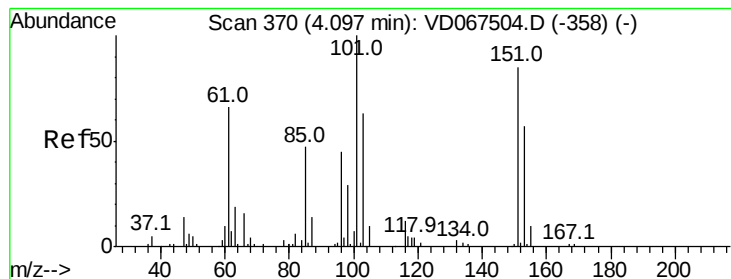


#8

Diethyl Ether
 Concen: 45.967 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion: 74 Resp: 54265
 Ion Ratio Lower Upper
 74 100
 45 74.5 38.2 114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.723 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

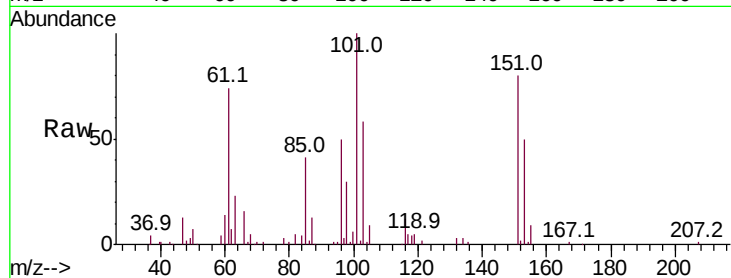
Tot Ion:101 Resp: 138176

Ion Ratio Lower Upper

101 100

85 43.8 34.4 51.6

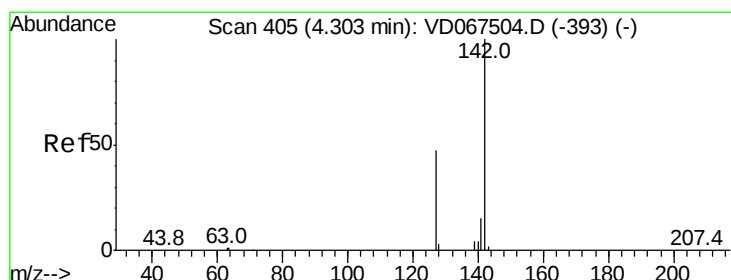
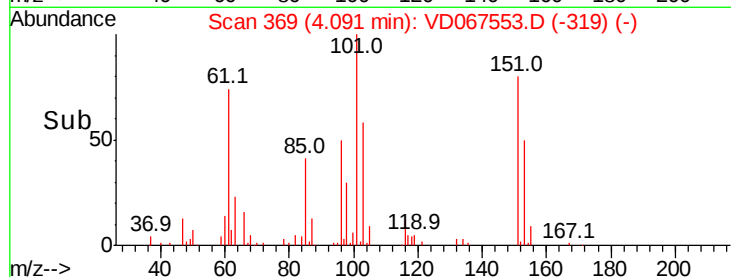
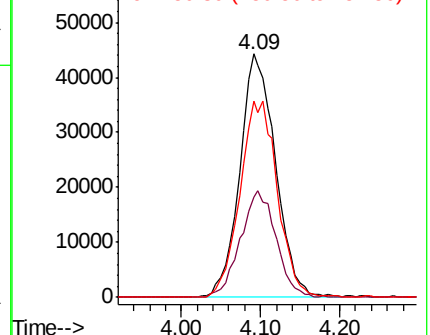
151 84.3 68.1 102.1



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: 46.666 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

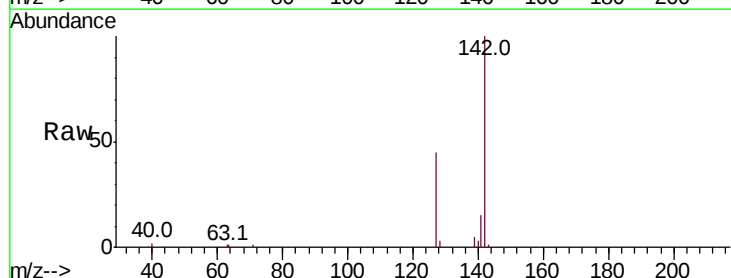
Tgt Ion:142 Resp: 147914

Ion Ratio Lower Upper

142 100

127 49.7 40.0 60.0

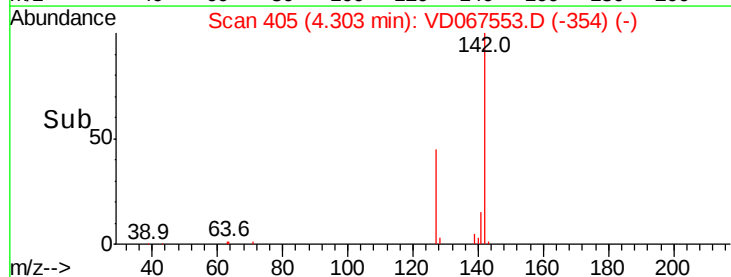
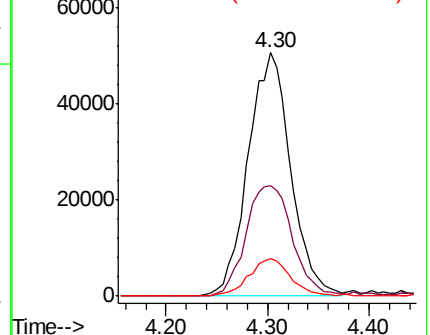
141 15.0 11.7 17.5

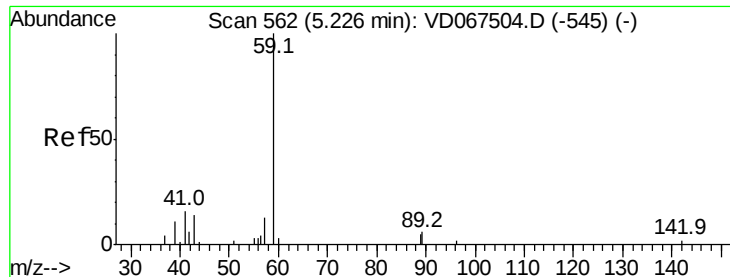


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



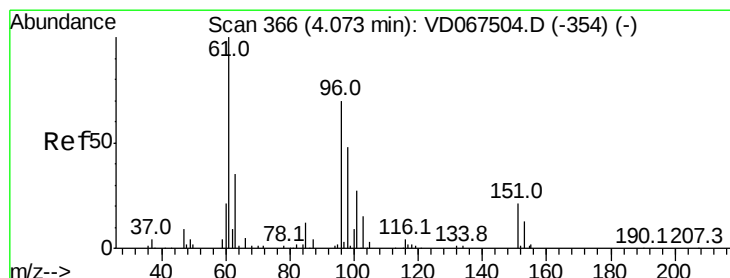
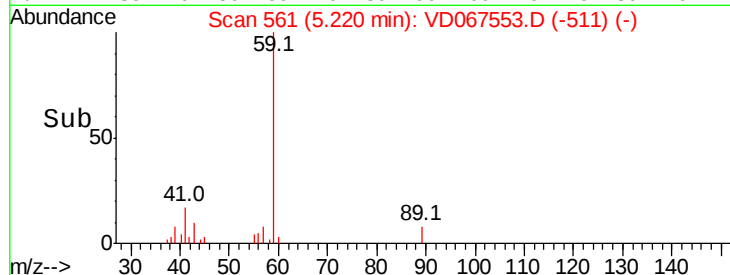
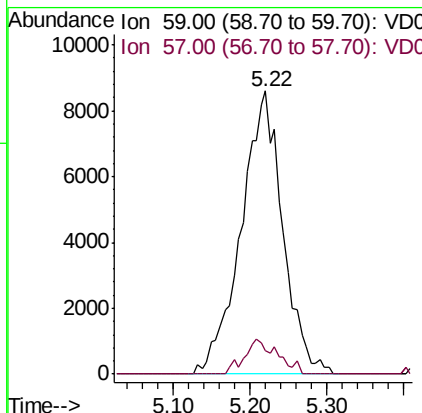
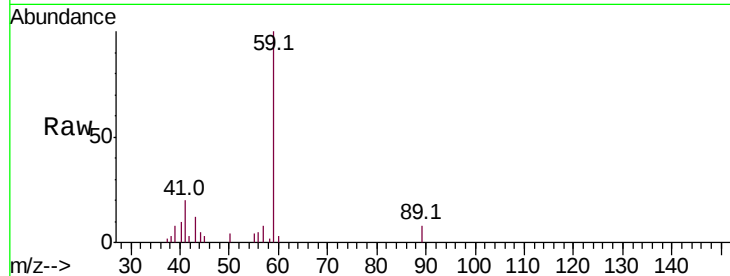


#11

Tert butyl alcohol
 Concen: 264.976 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

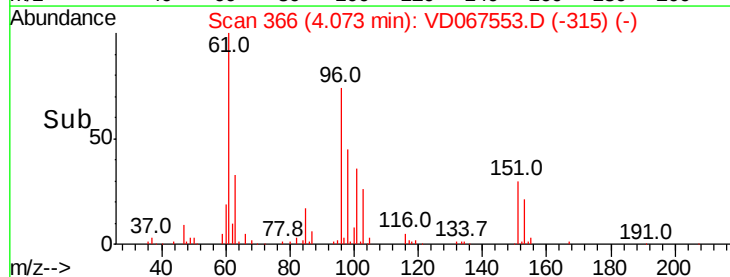
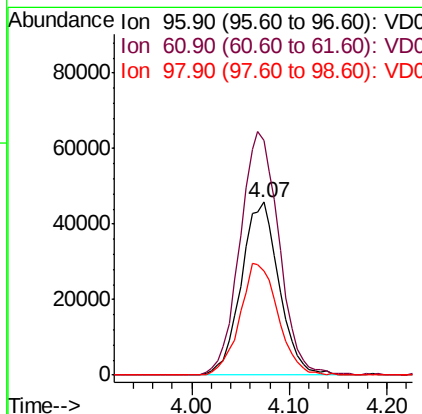
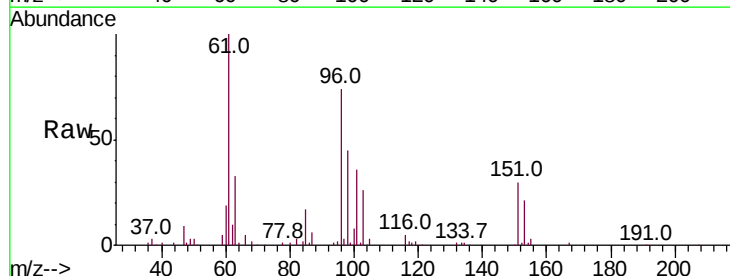
Tot Ion: 59 Resp: 32392
 Ion Ratio Lower Upper
 59 100
 57 9.8 5.9 8.9#

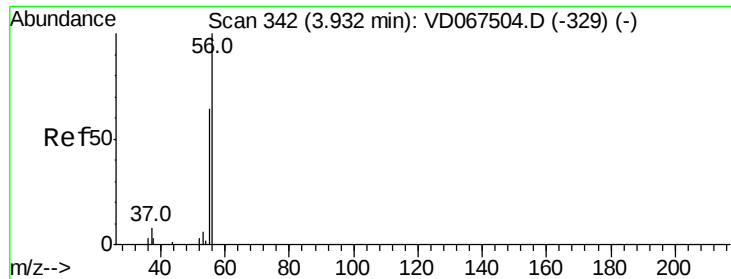


#12

1,1-Dichloroethene
 Concen: 45.742 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion: 96 Resp: 124429
 Ion Ratio Lower Upper
 96 100
 61 135.4 114.5 171.7
 98 60.4 54.5 81.7





#13

Acrolein

Concen: 270.646 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

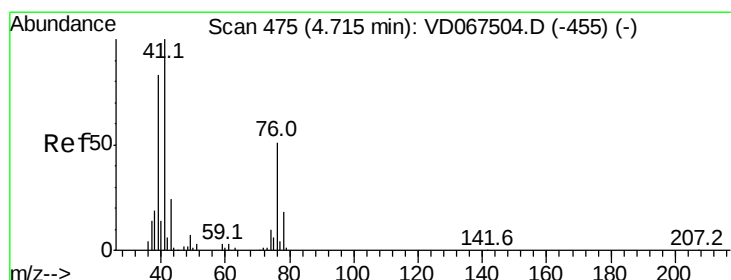
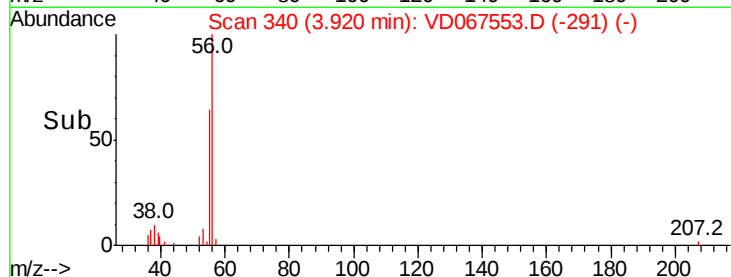
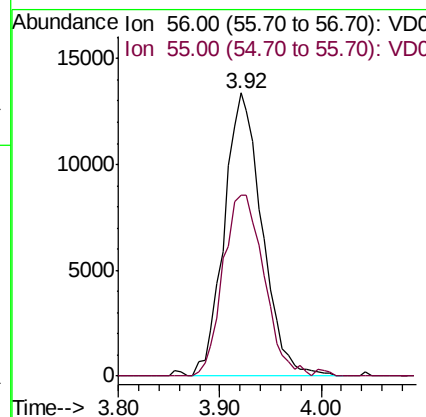
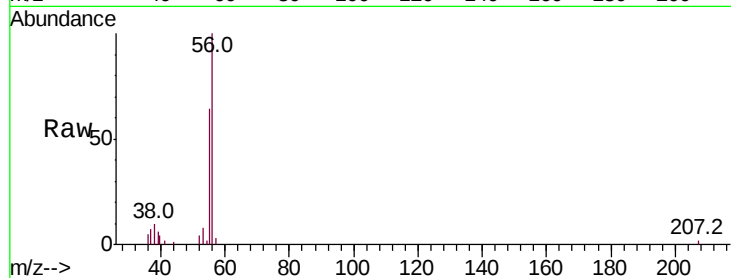
VSTDCCC050EC

Tot Ion: 56 Resp: 34567

Ion Ratio Lower Upper

56 100

55 69.2 55.8 83.8



#14

Allyl chloride

Concen: 46.235 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

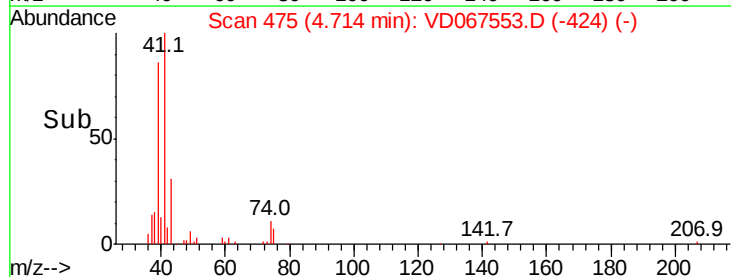
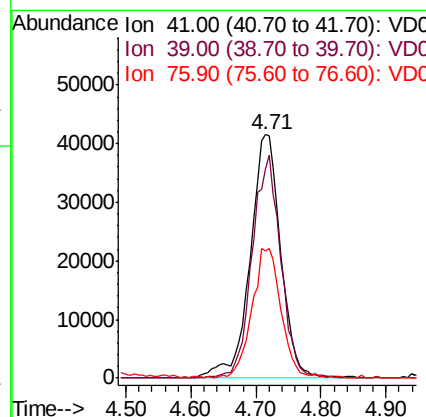
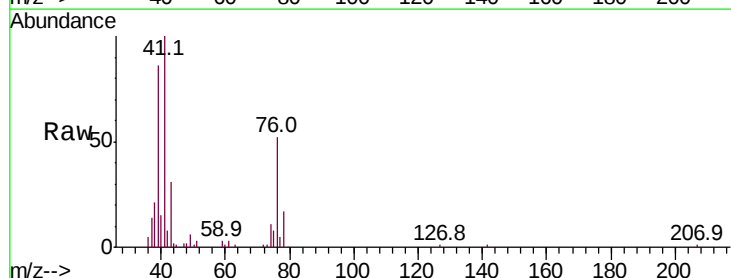
Tgt Ion: 41 Resp: 134603

Ion Ratio Lower Upper

41 100

39 85.9 67.4 101.0

76 50.6 42.2 63.2





#15

Acrylonitrile

Concen: 229.729 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

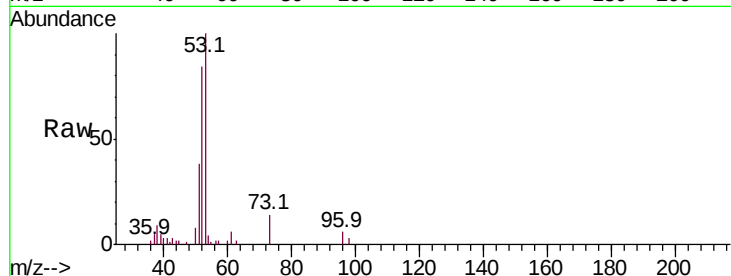
Tot Ion: 53 Resp: 100251

Ion Ratio Lower Upper

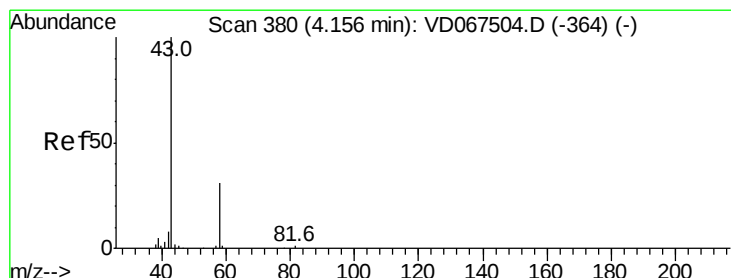
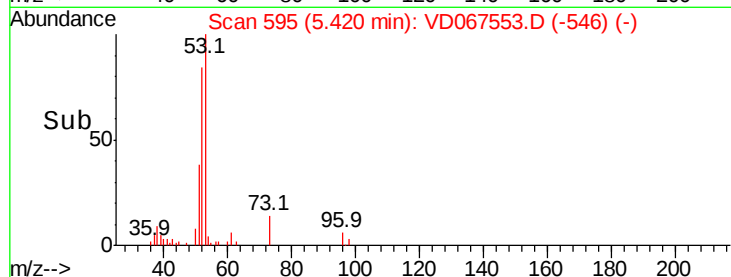
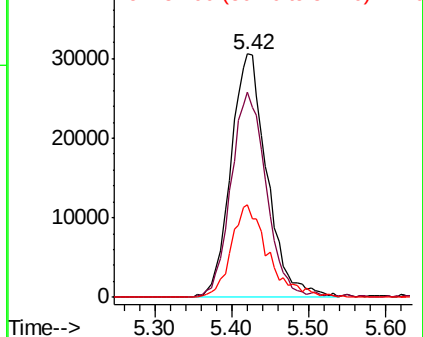
53 100

52 81.8 64.8 97.2

51 38.7 29.5 44.3



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: 228.046 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067553.D

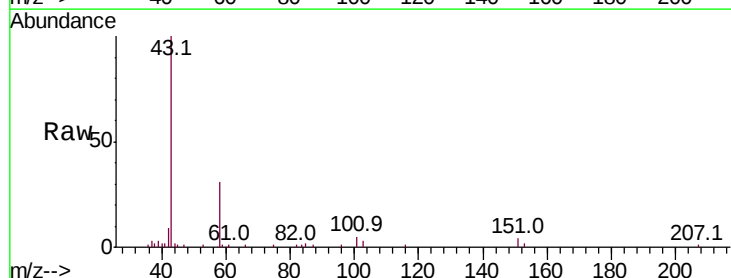
Acq: 06 Nov 2020 15:40

Tgt Ion: 43 Resp: 97249

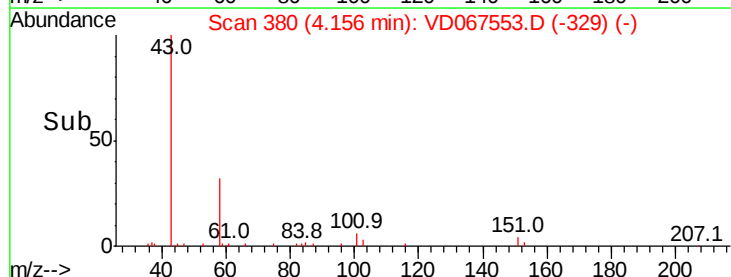
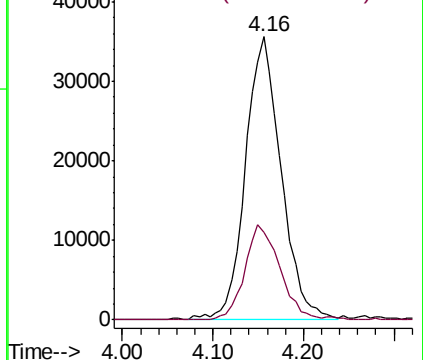
Ion Ratio Lower Upper

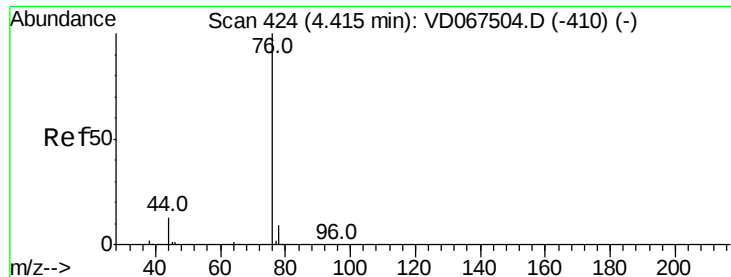
43 100

58 30.7 25.2 37.8



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





#17

Carbon Disulfide

Concen: 44.029 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

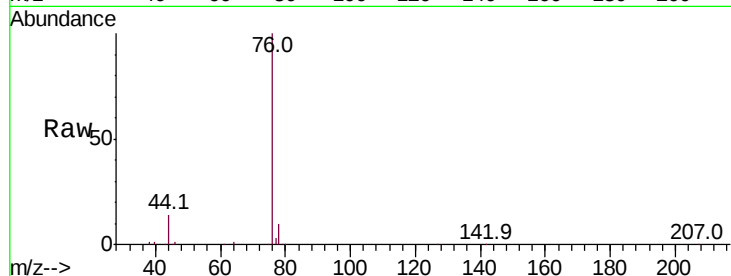
VSTDCCC050EC

Tot Ion: 76 Resp: 367004

Ion Ratio Lower Upper

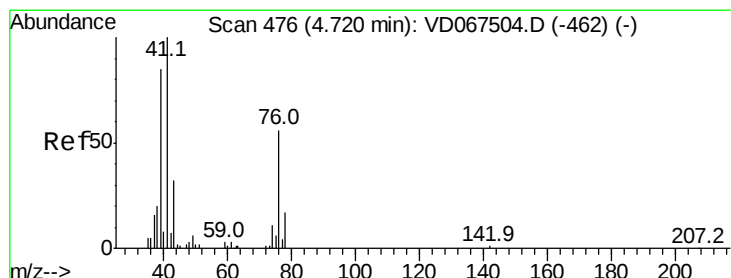
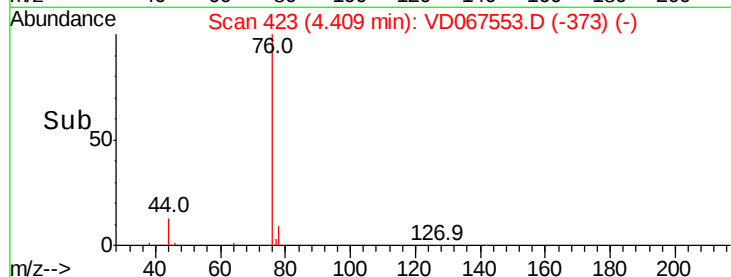
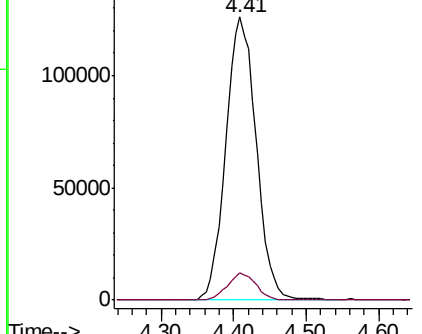
76 100

78 9.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 44.649 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067553.D

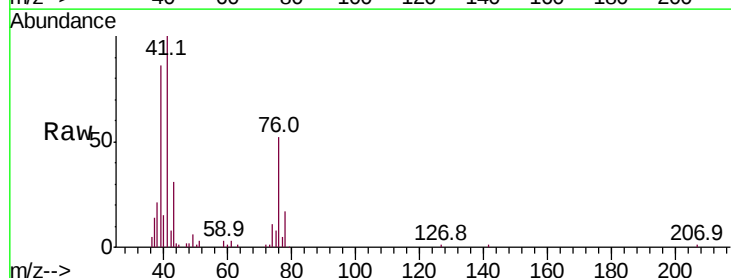
Acq: 06 Nov 2020 15:40

Tgt Ion: 43 Resp: 39346

Ion Ratio Lower Upper

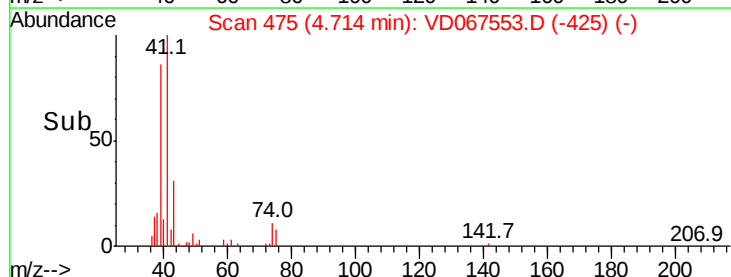
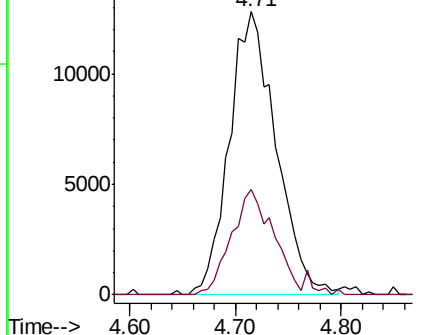
43 100

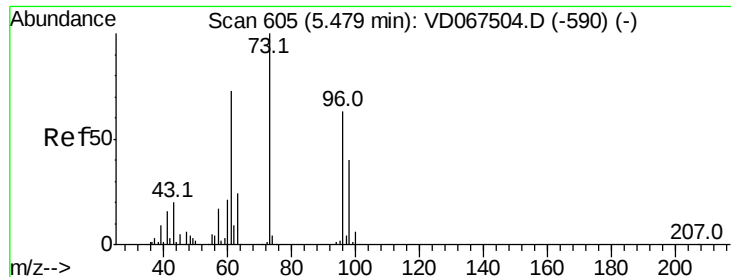
74 33.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

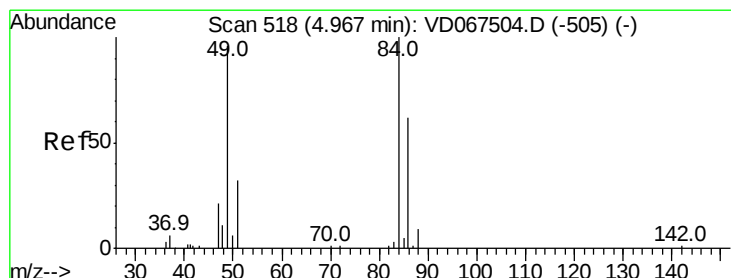
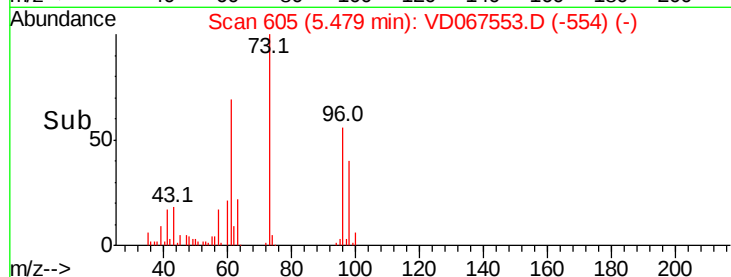
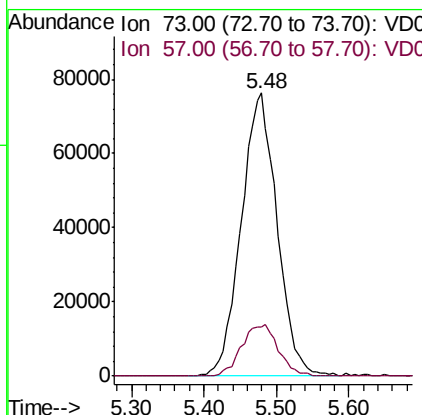
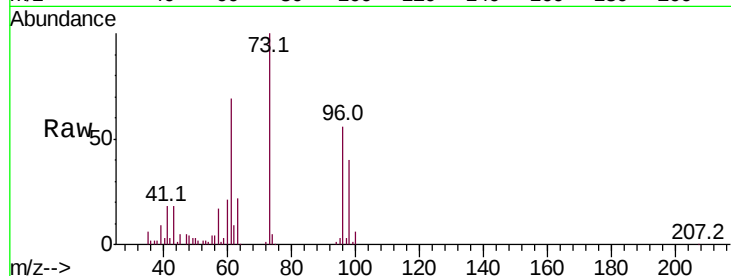




#19
Methvl tert-butvl Ether
Concen: 48.891 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

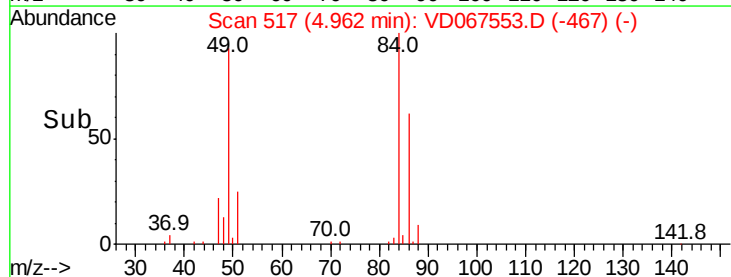
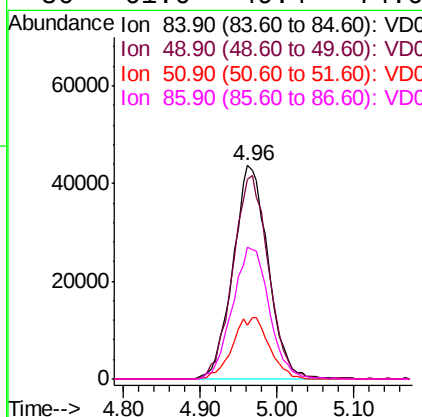
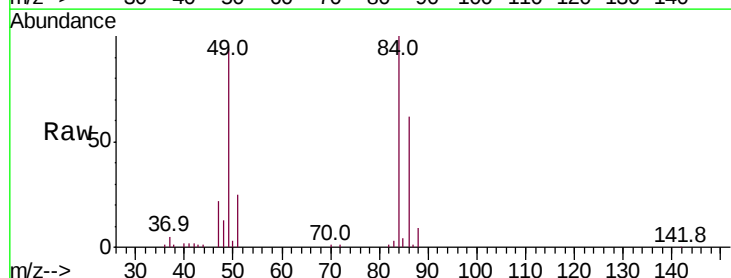
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

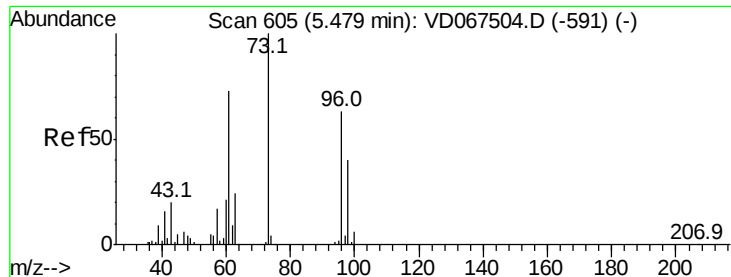
Tot Ion: 73 Resp: 262330
Ion Ratio Lower Upper
73 100
57 17.2 13.4 20.0



#20
Methylene Chloride
Concen: 46.302 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion: 84 Resp: 139479
Ion Ratio Lower Upper
84 100
49 93.8 77.0 115.4
51 25.5 25.4 38.2
86 61.6 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 45.549 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

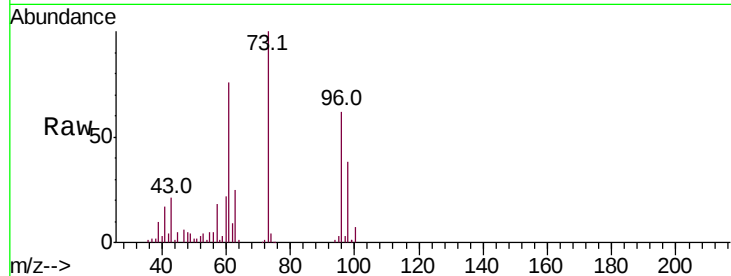
Tot Ion: 96 Resp: 144313

Ion Ratio Lower Upper

96 100

61 123.0 93.0 139.6

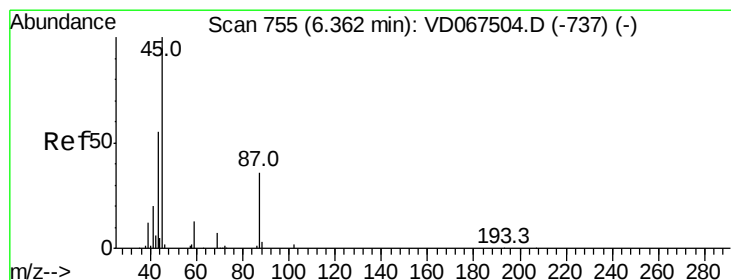
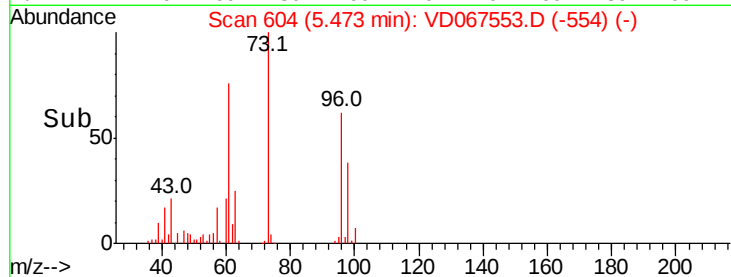
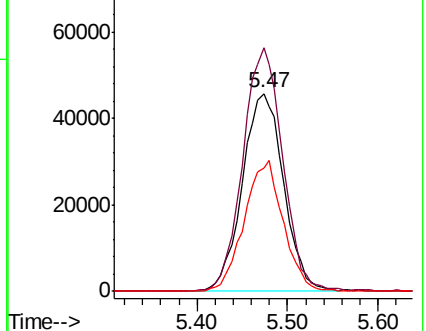
98 62.0 50.9 76.3



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: 46.971 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion: 45 Resp: 266482

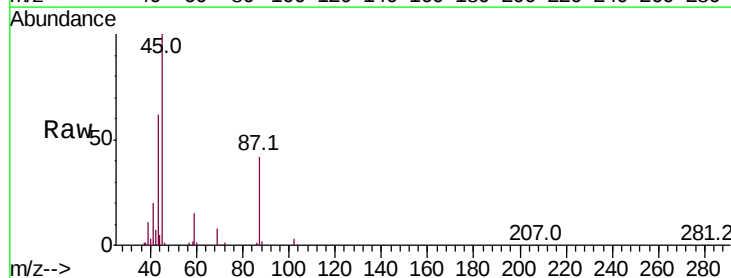
Ion Ratio Lower Upper

45 100

43 60.8 46.2 69.4

87 41.3 29.4 44.2

59 14.9 10.8 16.2

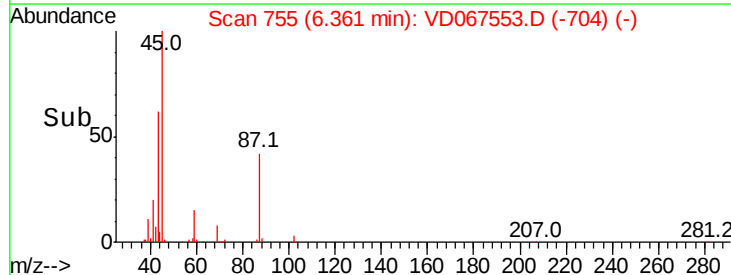
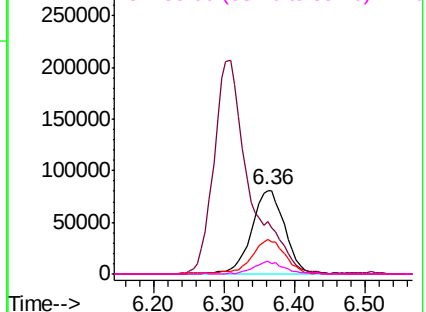


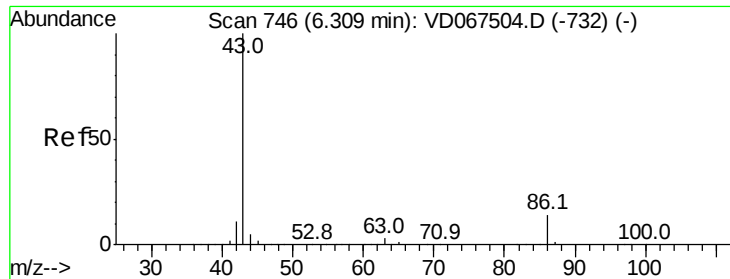
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 243.722 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

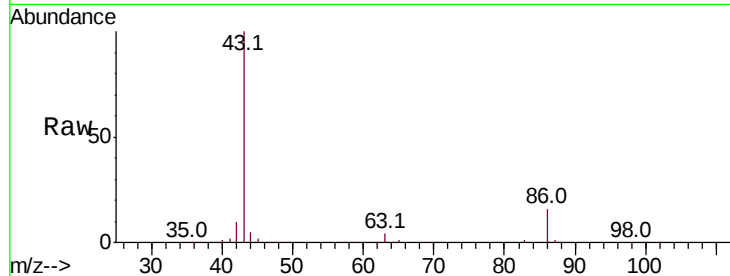
VSTDCCC050EC

Tot Ion: 43 Resp: 723782

Ion Ratio Lower Upper

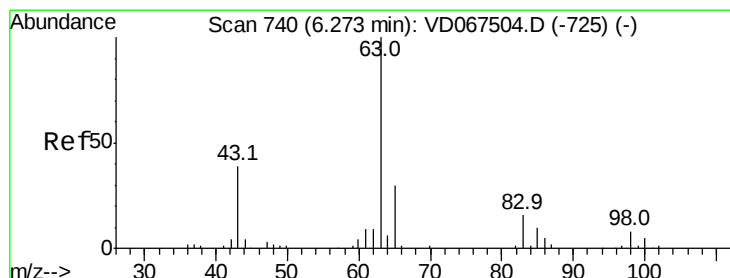
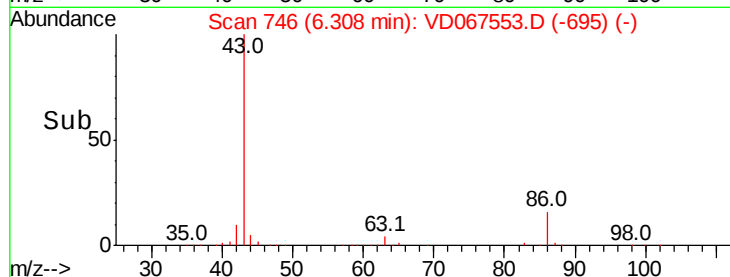
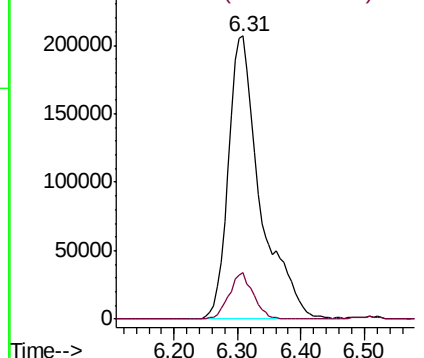
43 100

86 16.4 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 44.885 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

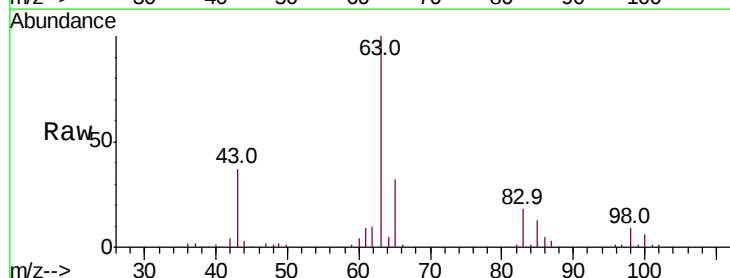
Tgt Ion: 63 Resp: 208326

Ion Ratio Lower Upper

63 100

98 9.1 3.9 11.5

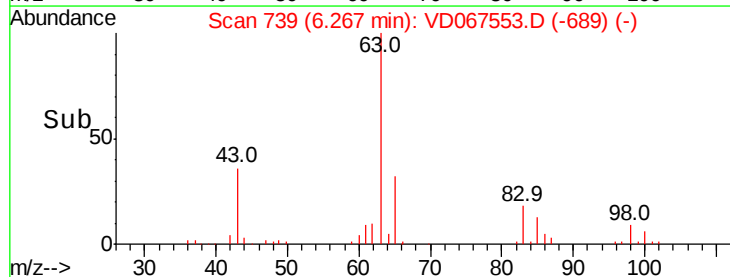
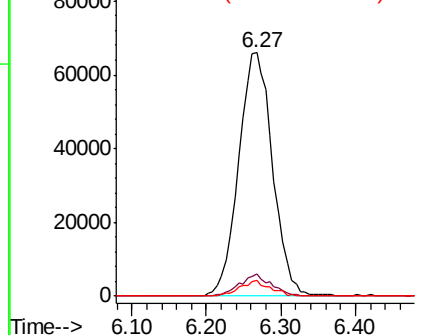
100 6.3 2.6 7.8

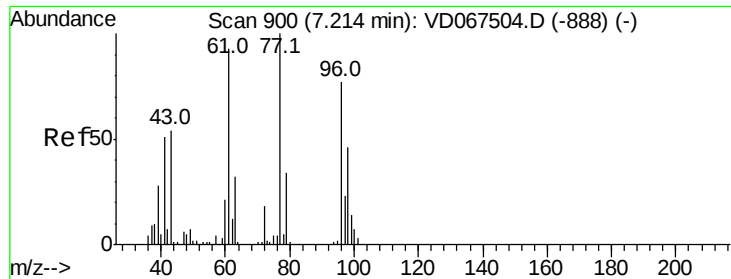


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 231.054 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

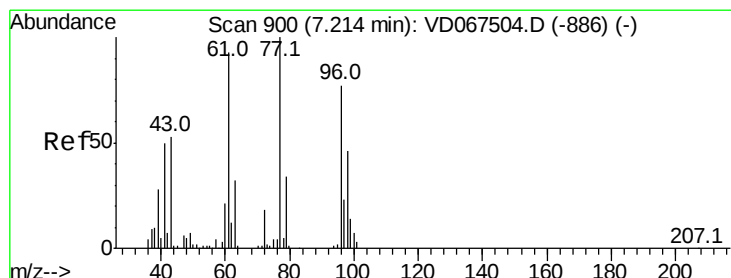
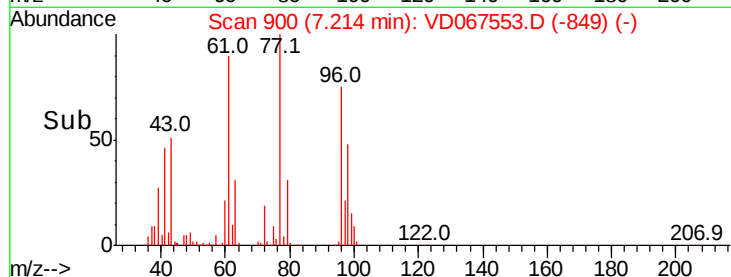
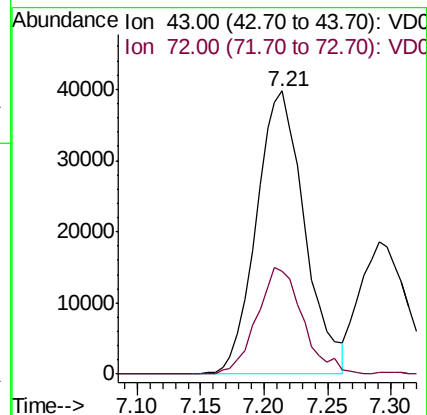
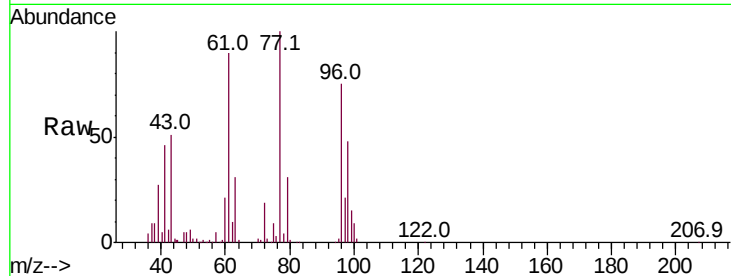
VSTDCCC050EC

Tot Ion: 43 Resp: 105284

Ion Ratio Lower Upper

43 100

72 36.4 26.4 39.6



#26

2,2-Dichloropropane

Concen: 46.739 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067553.D

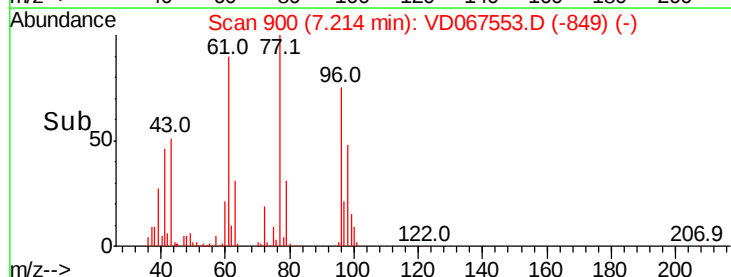
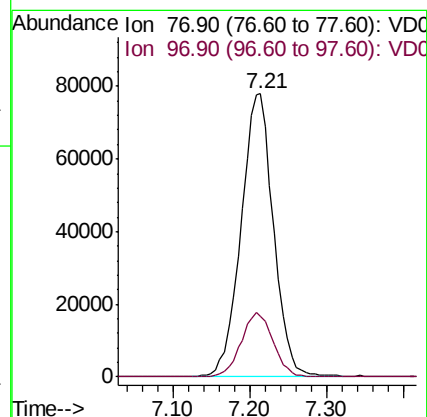
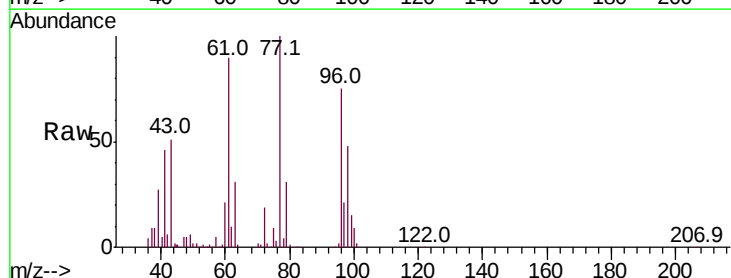
Acq: 06 Nov 2020 15:40

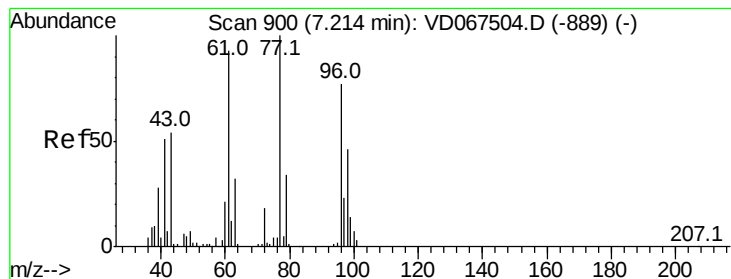
Tgt Ion: 77 Resp: 228948

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 45.896 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

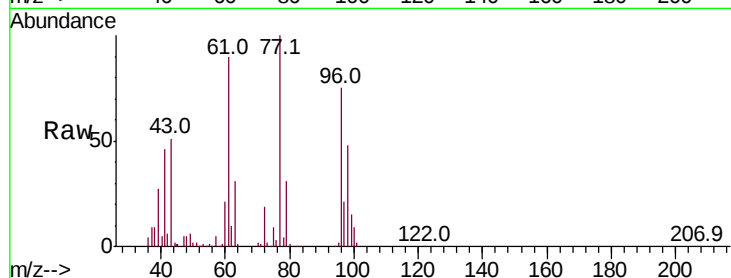
Tot Ion: 96 Resp: 150933

Ion Ratio Lower Upper

96 100

61 126.7 0.0 251.6

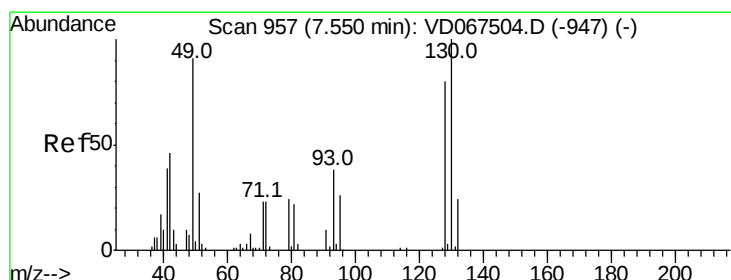
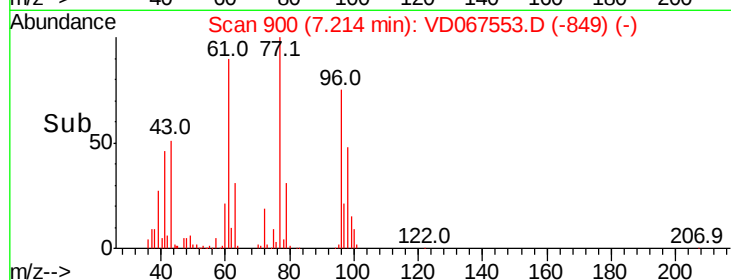
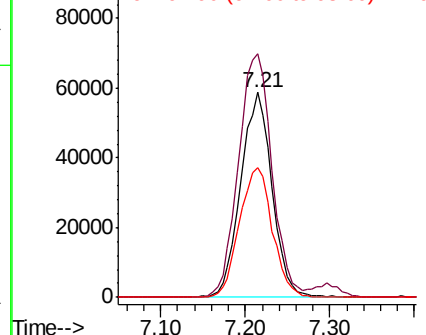
98 66.4 0.0 128.0



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: 48.255 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

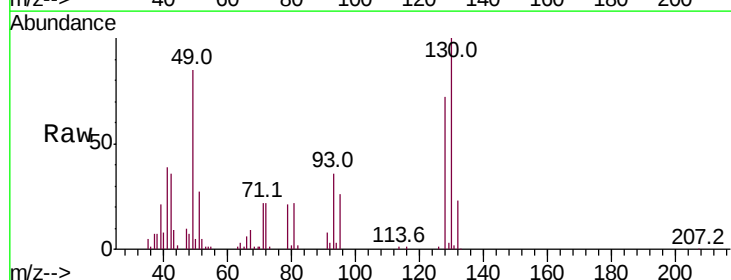
Tgt Ion: 49 Resp: 79666

Ion Ratio Lower Upper

49 100

129 3.6 0.0 6.4

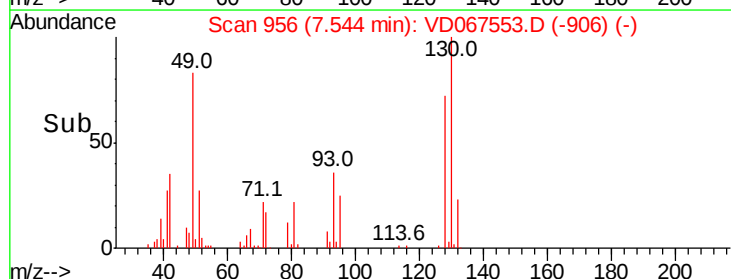
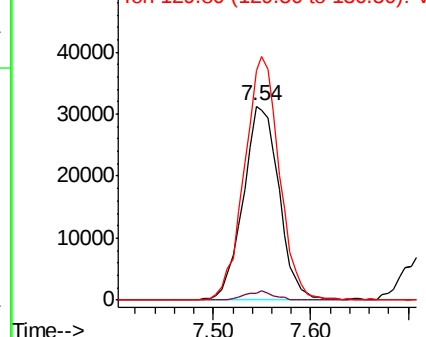
130 122.6 94.6 142.0

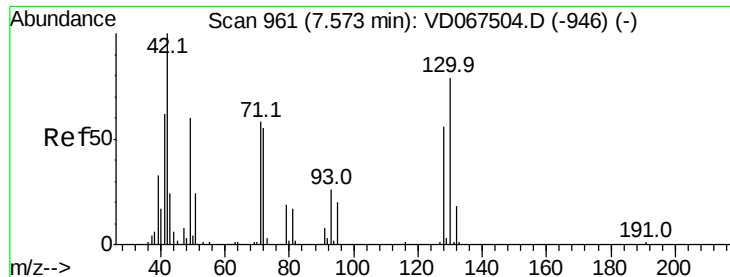


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

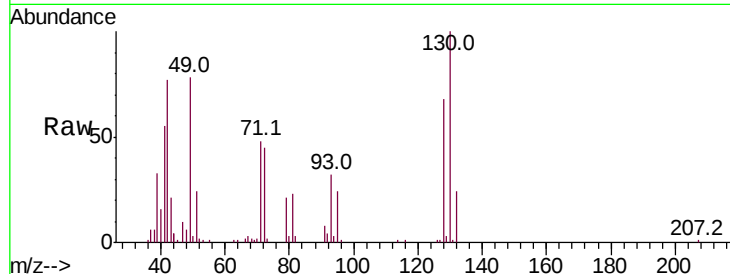




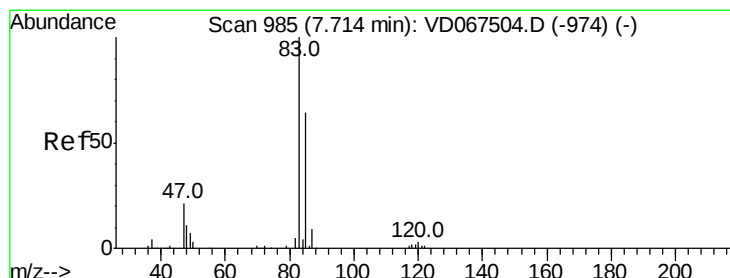
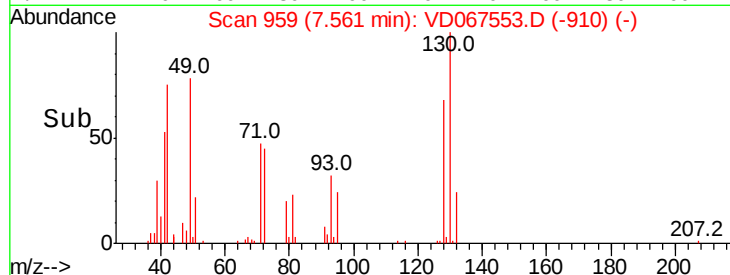
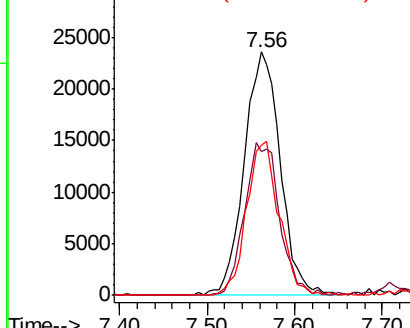
#29
Tetrahydrofuran
Concen: 241.552 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 65931
Ion Ratio Lower Upper
42 100
72 60.4 46.3 69.5
71 57.0 44.0 66.0

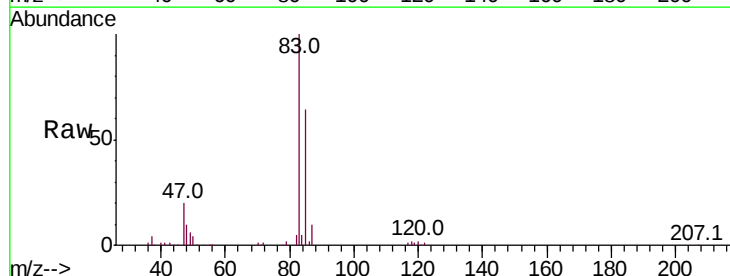


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

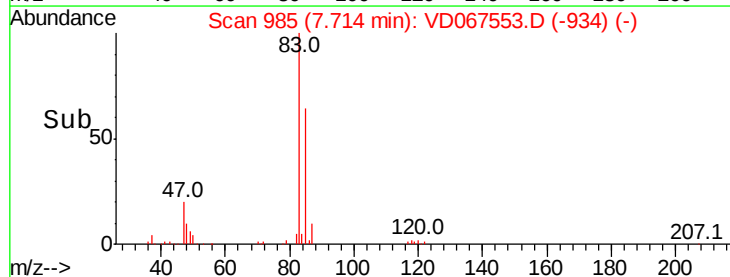
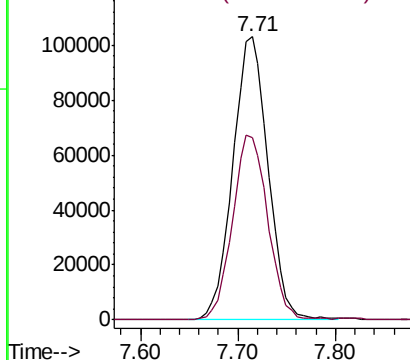


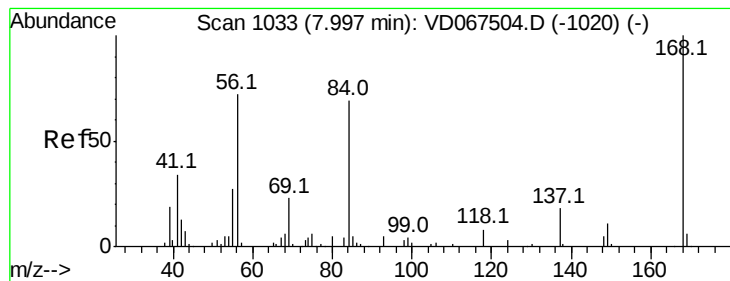
#30
Chloroform
Concen: 46.454 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion: 83 Resp: 257218
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 42.841 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

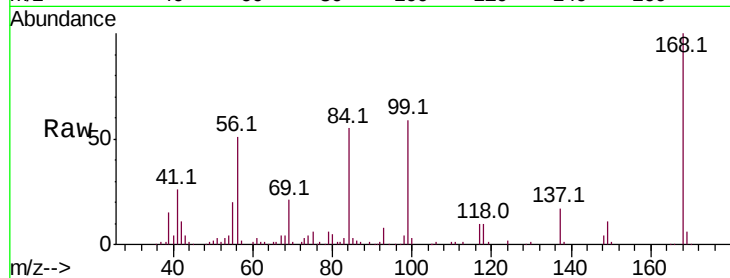
Tot Ion: 56 Resp: 177070

Ion Ratio Lower Upper

56 100

69 40.9 25.9 38.9#

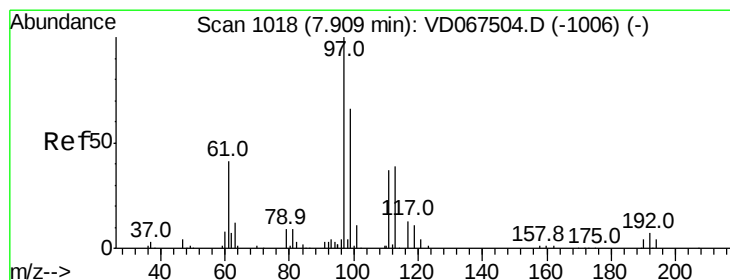
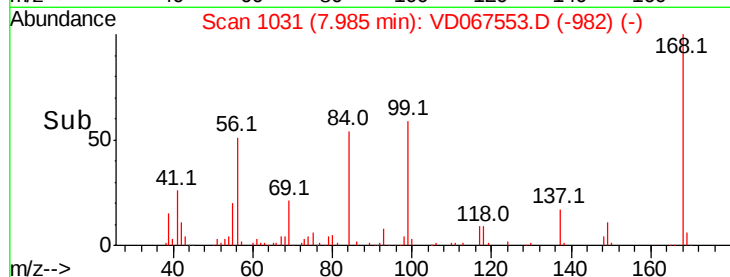
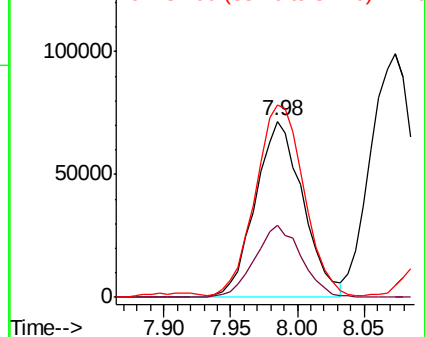
84 106.9 76.2 114.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 46.349 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

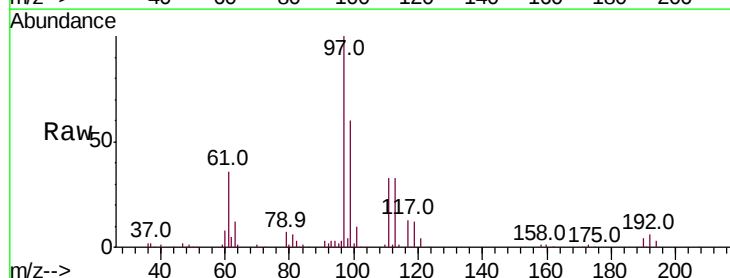
Tgt Ion: 97 Resp: 264791

Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

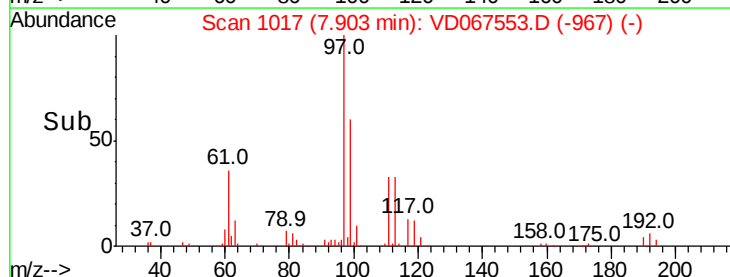
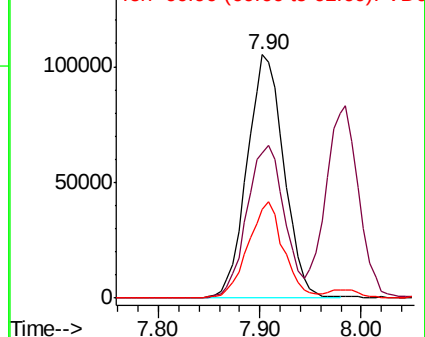
61 38.1 30.5 45.7

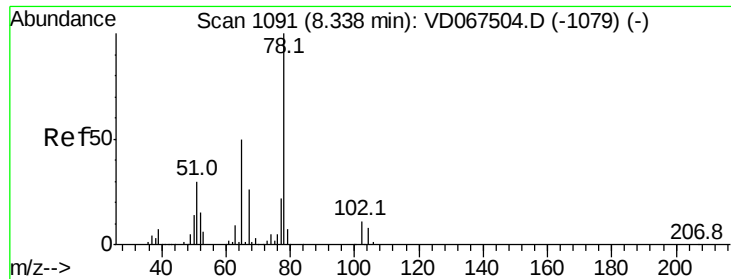


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

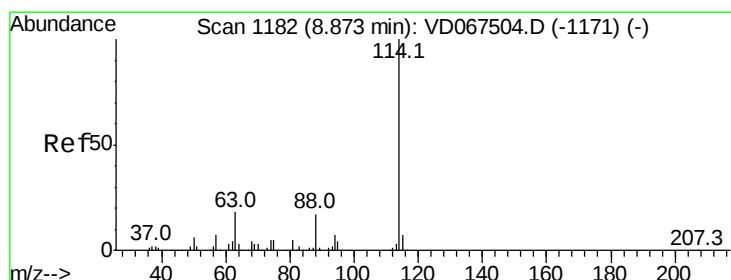
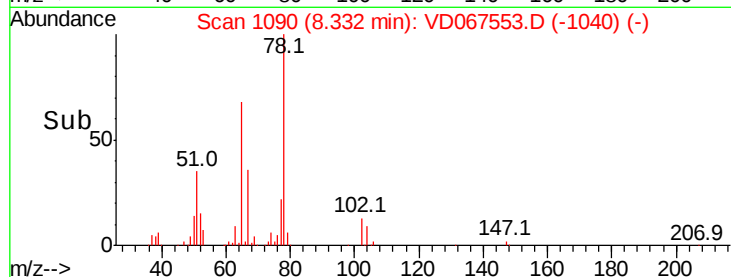
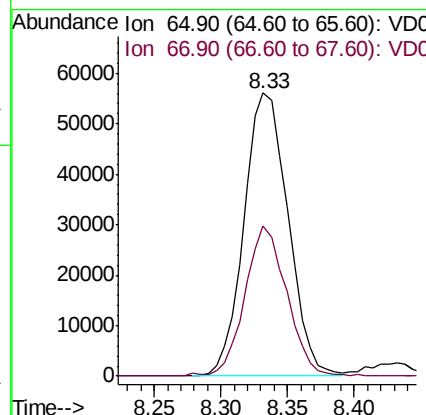
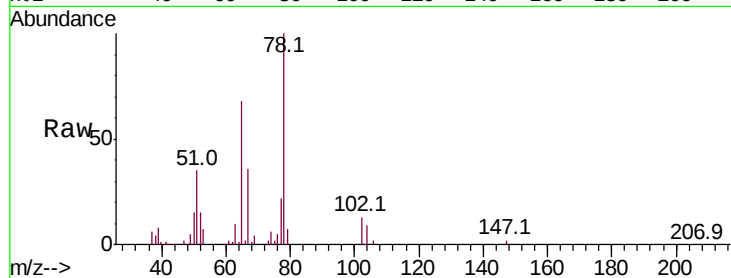




#33
 1,2-Dichloroethane-d4
 Concen: 45.038 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

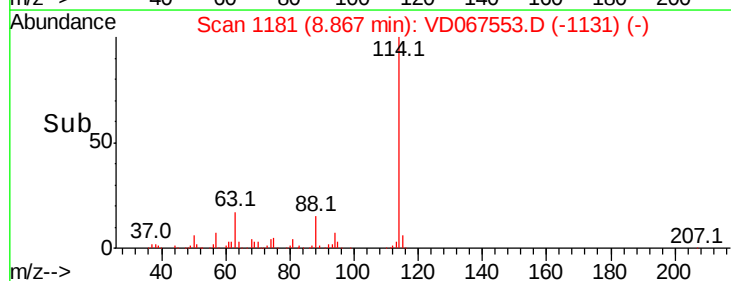
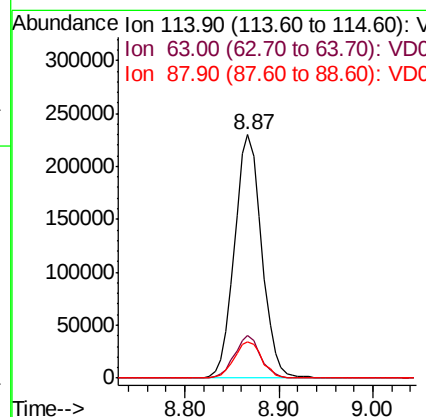
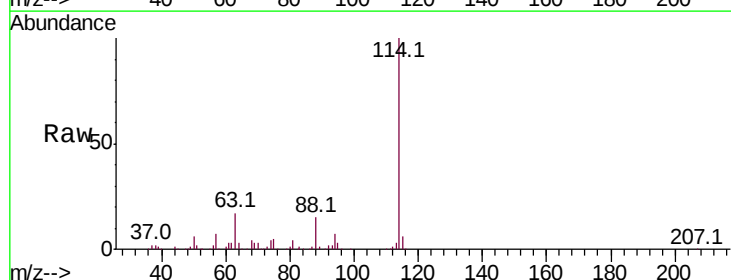
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

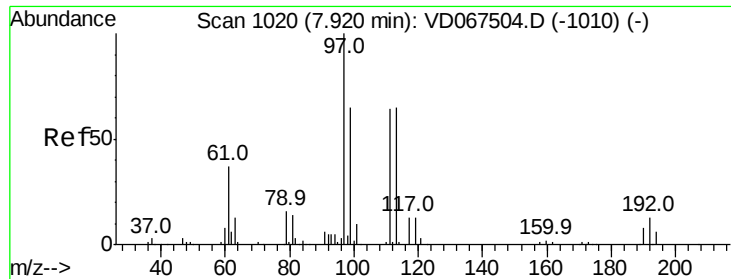
Tot Ion: 65 Resp: 128346
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion: 114 Resp: 461707
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.0
 88 15.1 0.0 33.0

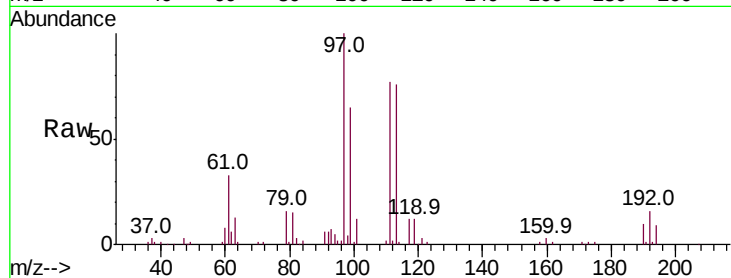




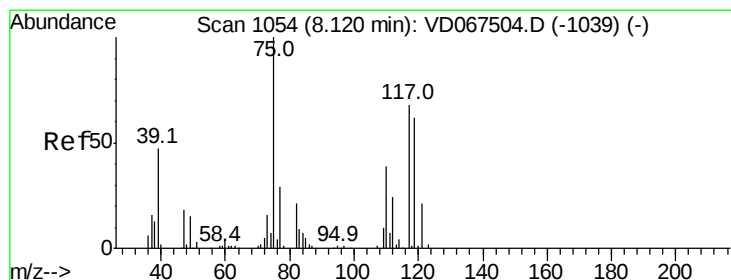
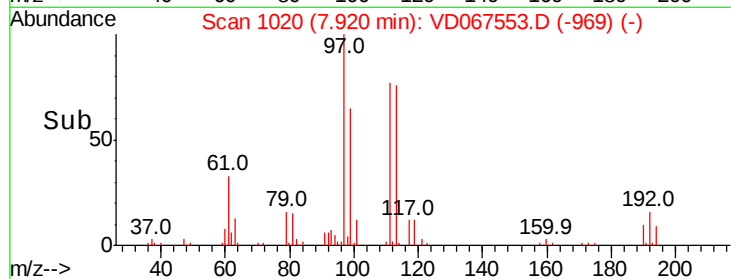
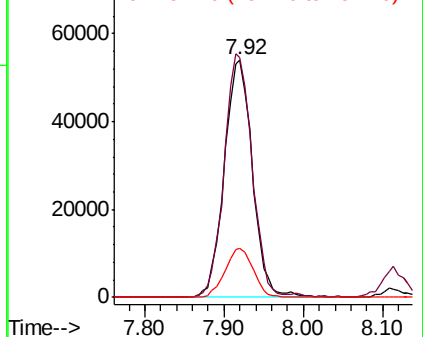
#35
 Dibromofluoromethane
 Concen: 47.606 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 132428
 Ion Ratio Lower Upper
 113 100
 111 101.0 80.0 120.0
 192 20.5 16.3 24.5

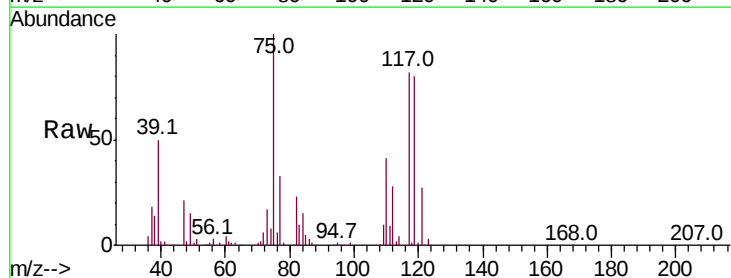


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

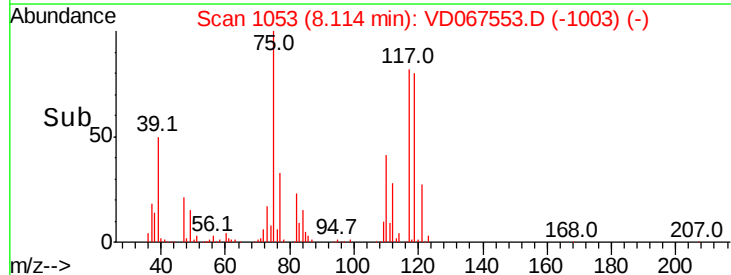
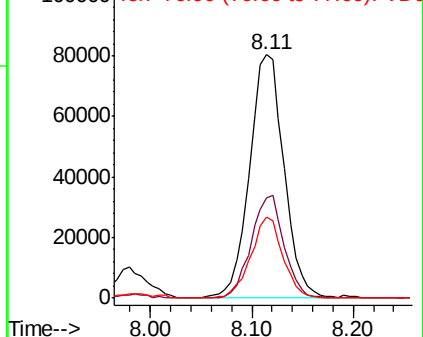


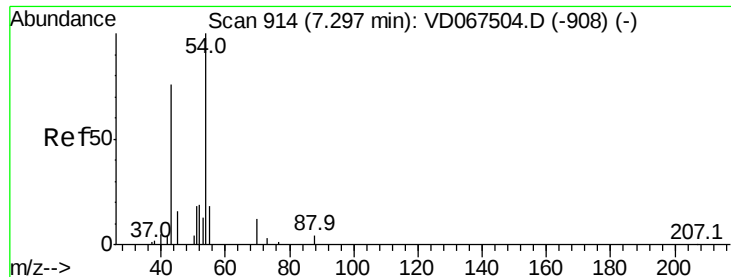
#36
 1,1-Dichloropropene
 Concen: 47.970 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion: 75 Resp: 189585
 Ion Ratio Lower Upper
 75 100
 110 39.9 19.9 59.7
 77 31.1 24.8 37.2



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

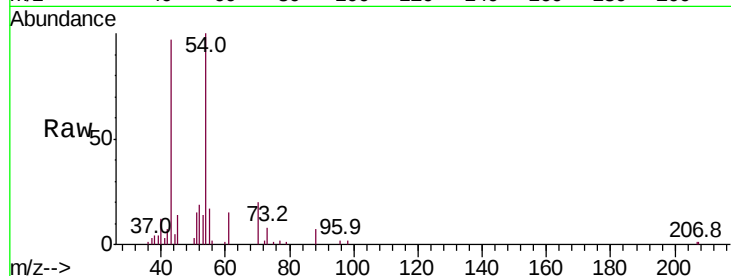




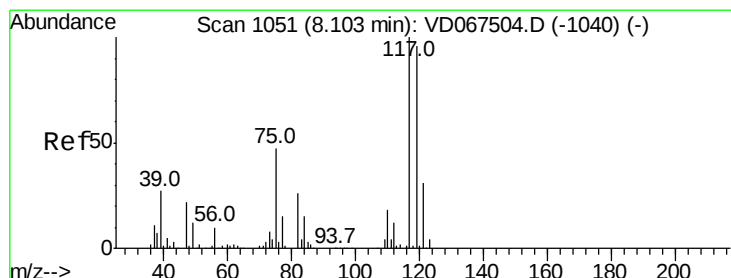
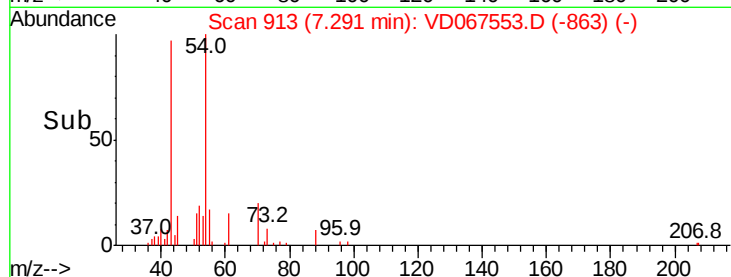
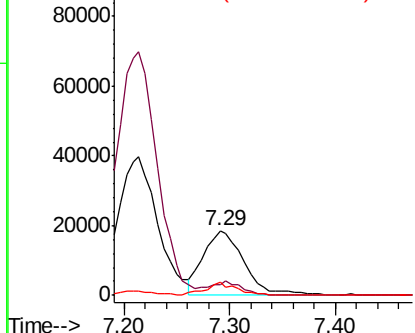
#37
Ethyl Acetate
Concen: 48.640 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 49907
Ion Ratio Lower Upper
43 100
61 14.4 12.8 19.2
70 15.3 11.7 17.5

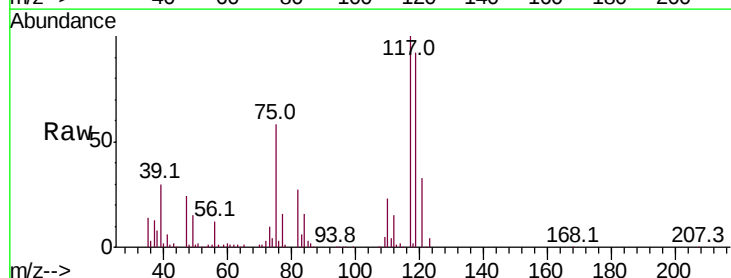


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

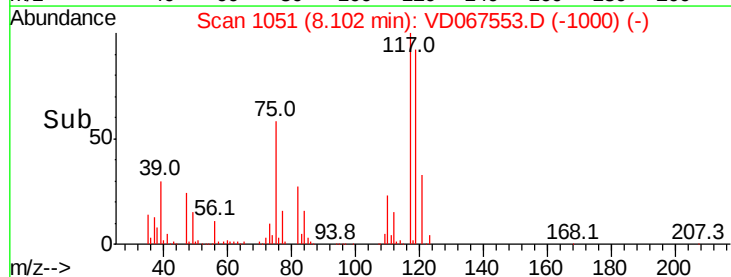
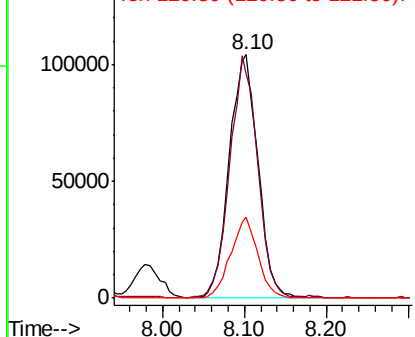


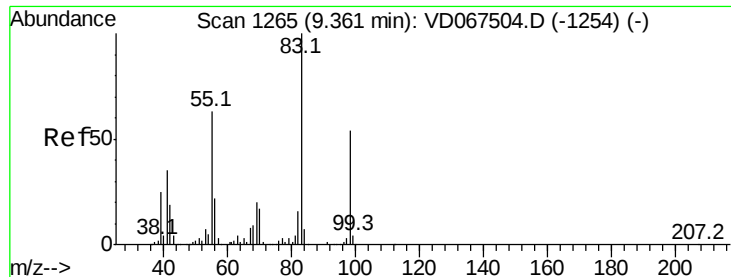
#38
Carbon Tetrachloride
Concen: 49.786 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion: 117 Resp: 255645
Ion Ratio Lower Upper
117 100
119 92.0 76.9 115.3
121 33.3 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

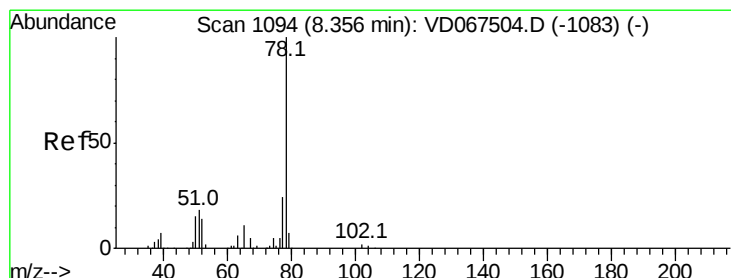
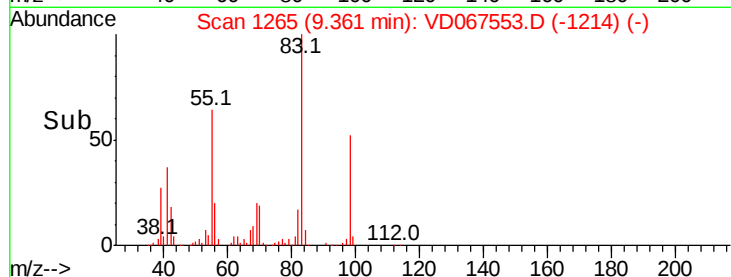
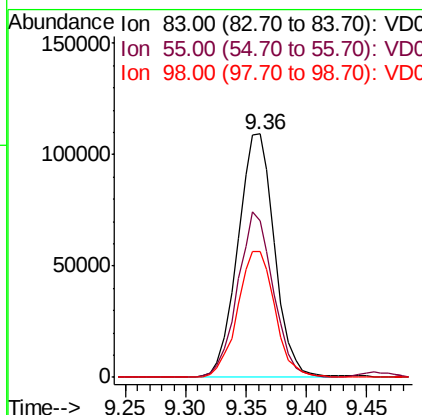
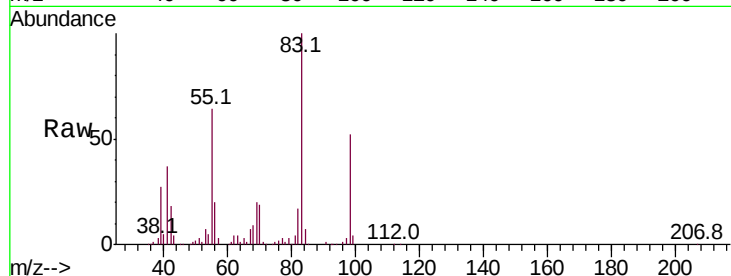




#39
Methvlcvclohexane
Concen: 49.748 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

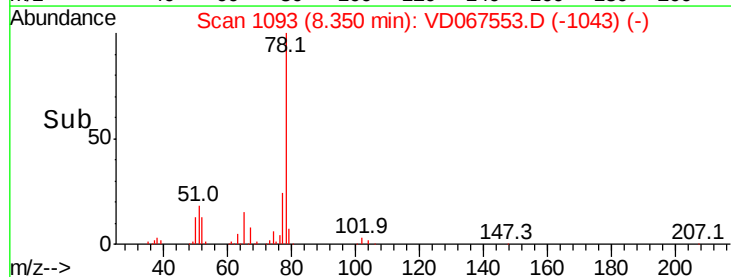
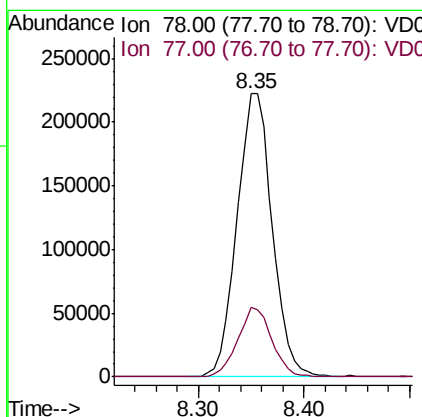
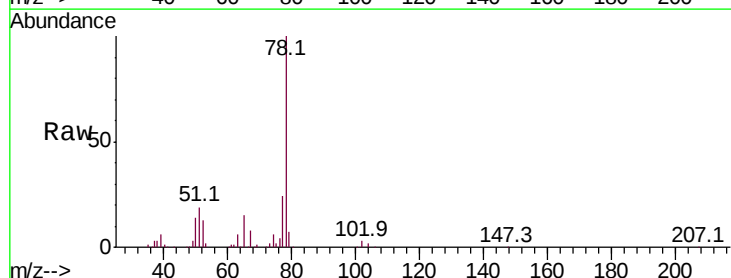
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

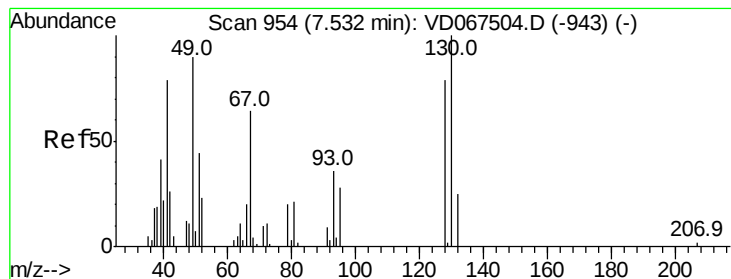
Tot Ion	83	Resp	231407
Ion Ratio	Lower	Upper	
83	100		
55	64.4	50.5	75.7
98	51.5	43.4	65.0



#40
Benzene
Concen: 48.040 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion	78	Resp	514283
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.1	28.7





#41

Methacrylonitrile

Concen: 115.298 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.03 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 70714

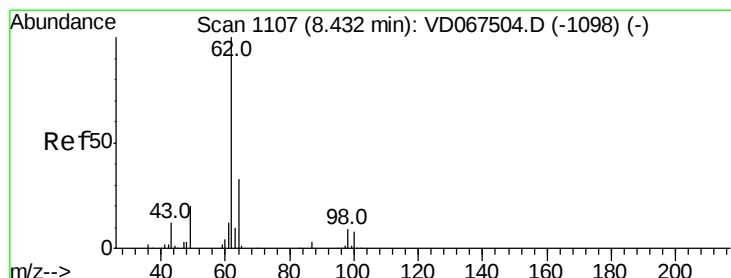
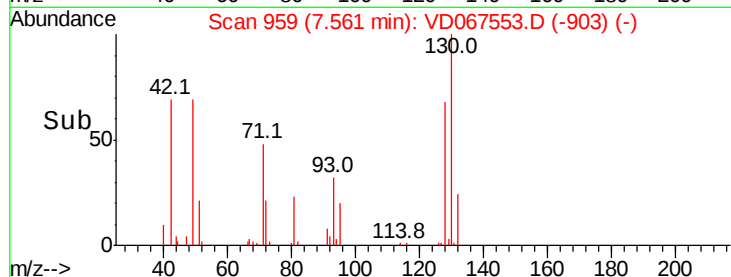
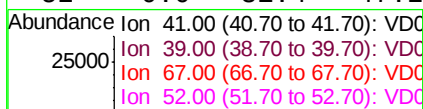
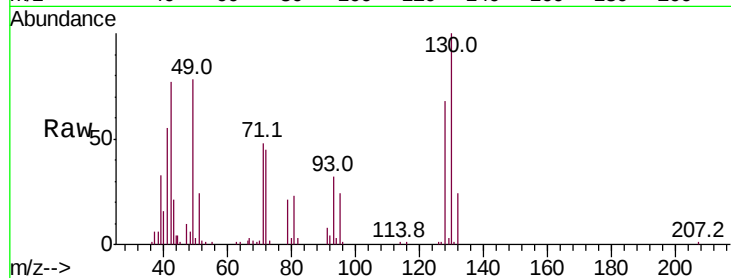
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 0.0 78.9 118.3#

52 0.0 31.4 47.2#



#42

1,2-Dichloroethane

Concen: 47.709 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067553.D

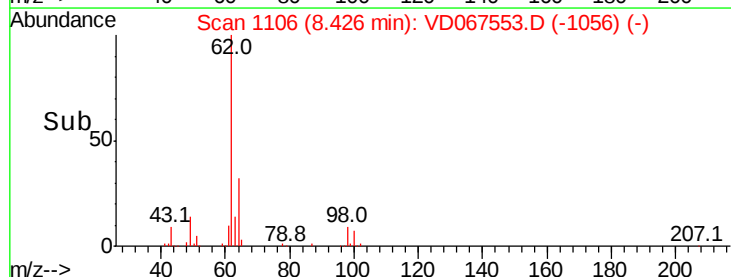
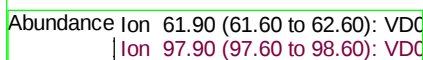
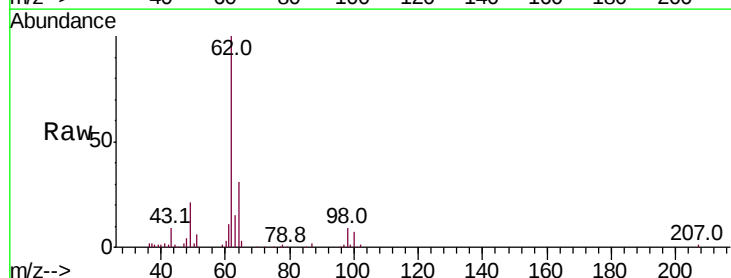
Acq: 06 Nov 2020 15:40

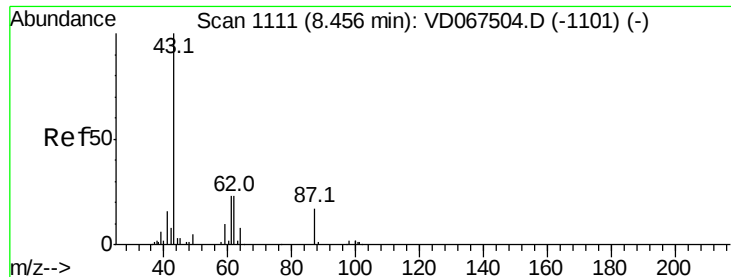
Tgt Ion: 62 Resp: 157803

Ion Ratio Lower Upper

62 100

98 9.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 49.668 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

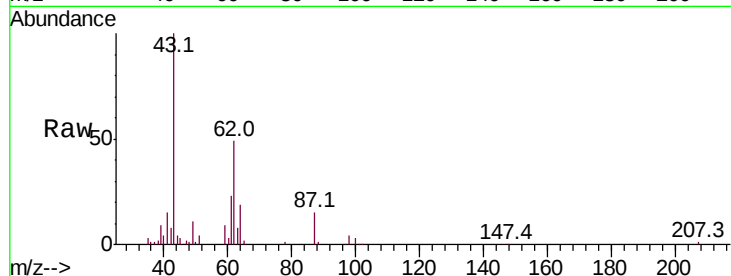
Tot Ion: 43 Resp: 100787

Ion Ratio Lower Upper

43 100

61 37.9 30.5 45.7

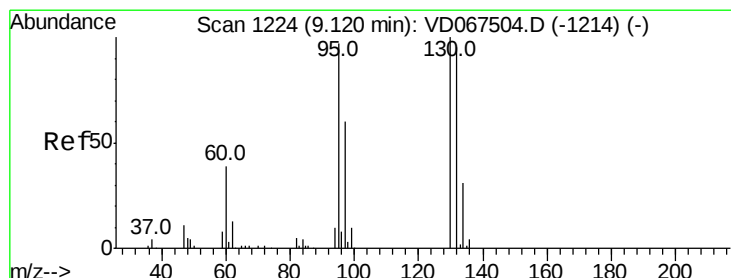
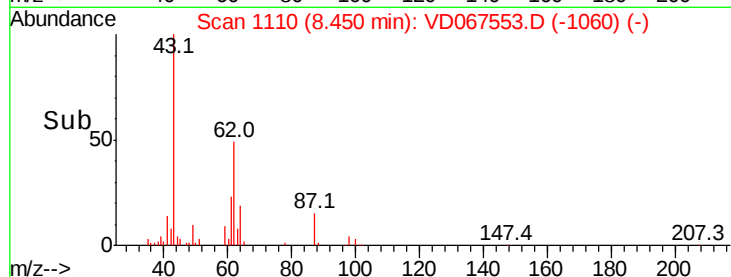
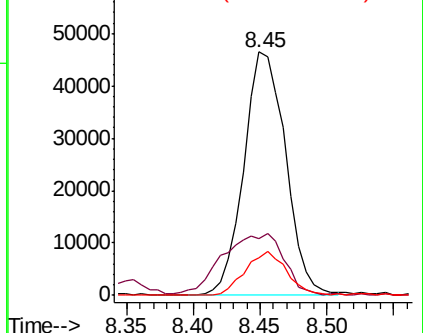
87 17.8 14.7 22.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 47.846 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD067553.D

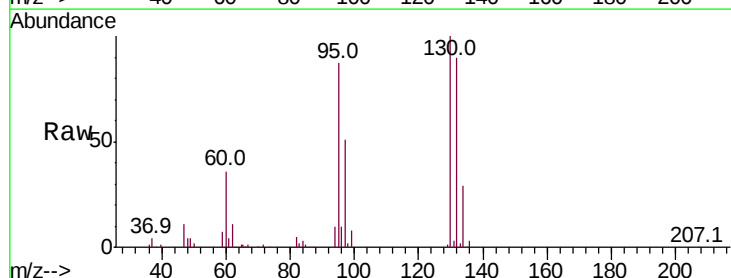
Acq: 06 Nov 2020 15:40

Tgt Ion: 130 Resp: 168417

Ion Ratio Lower Upper

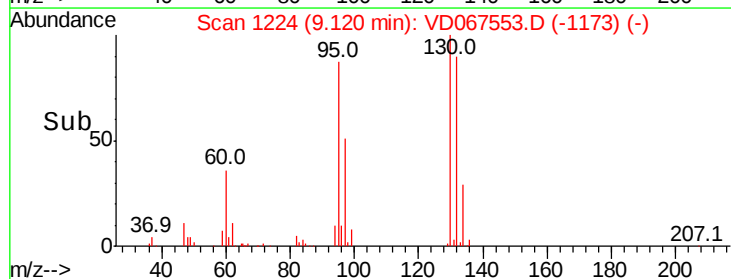
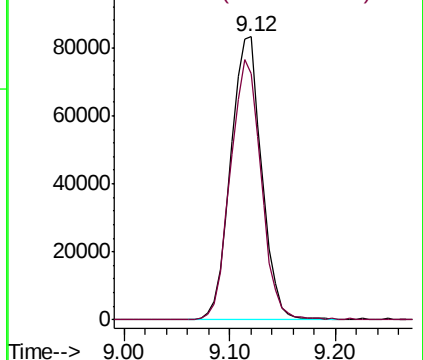
130 100

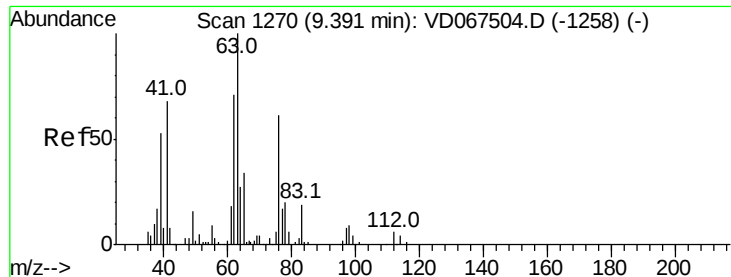
95 86.9 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 47.534 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

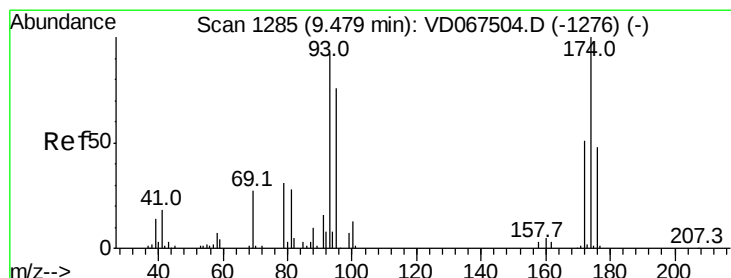
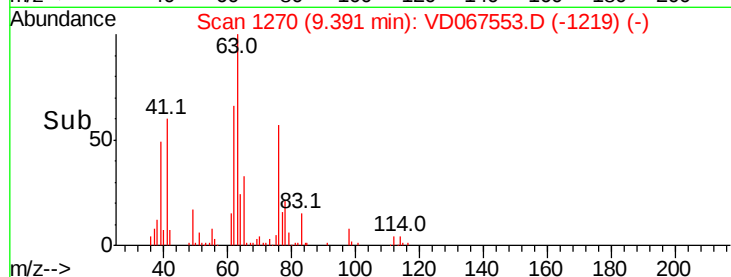
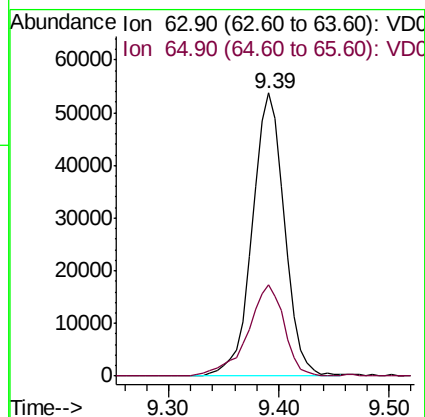
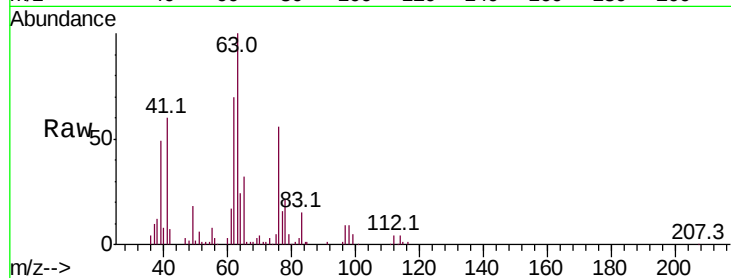
VSTDCCC050EC

Tot Ion: 63 Resp: 110021

Ion Ratio Lower Upper

63 100

65 32.4 26.9 40.3



#46

Dibromomethane

Concen: 48.238 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

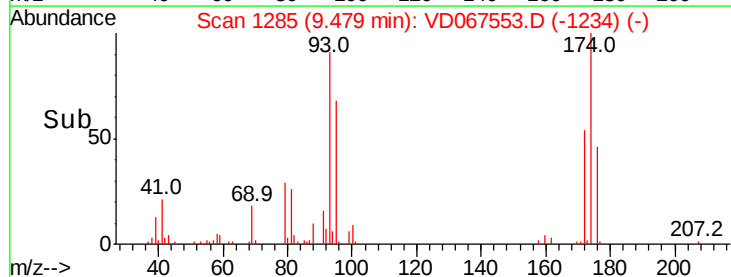
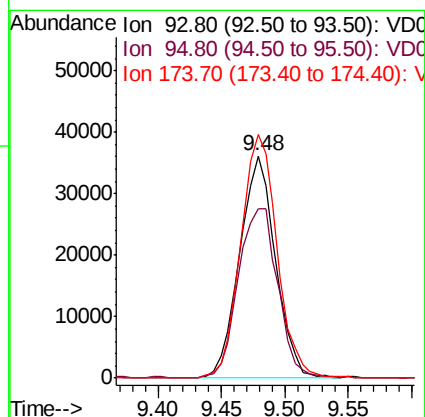
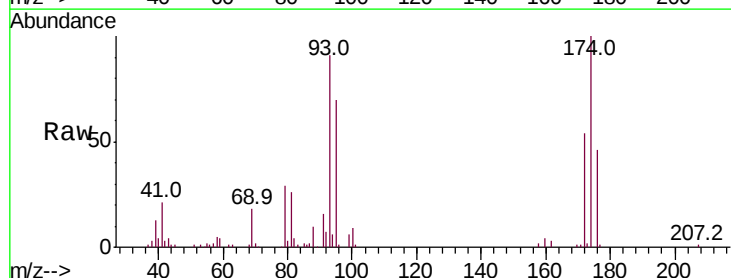
Tgt Ion: 93 Resp: 70990

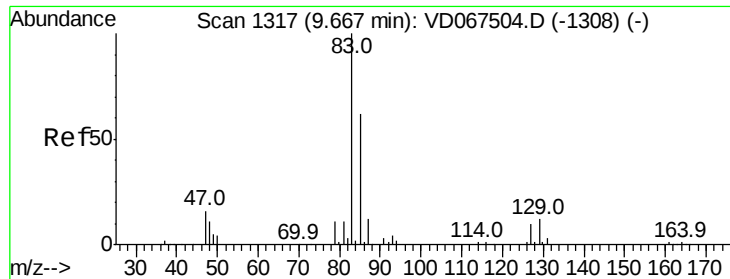
Ion Ratio Lower Upper

93 100

95 84.2 66.4 99.6

174 111.6 88.2 132.4





#47

Bromodichloromethane

Concen: 49.109 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

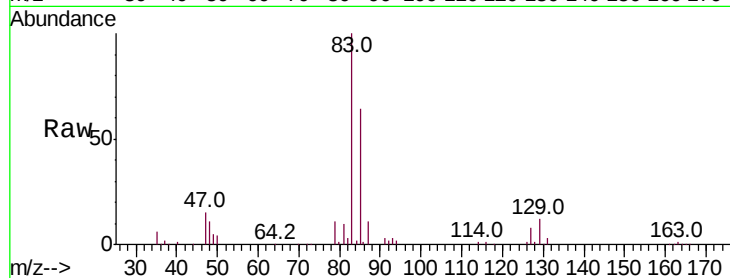
Tot Ion: 83 Resp: 196437

Ion Ratio Lower Upper

83 100

85 63.8 49.4 74.2

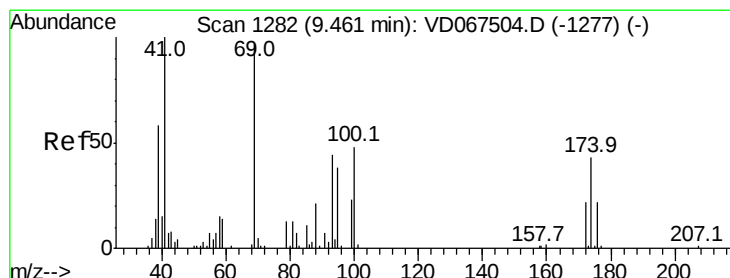
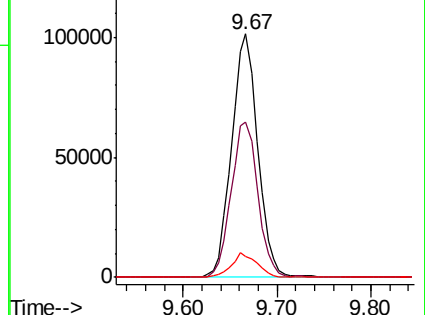
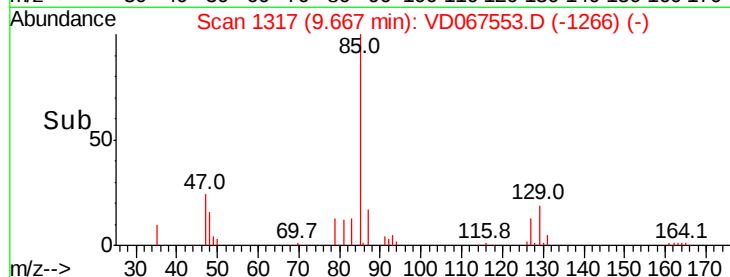
127 8.5 7.7 11.5



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): VDC



#48

Methyl methacrylate

Concen: 52.786 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

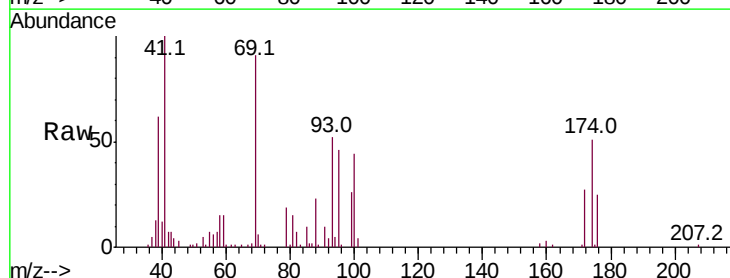
Tgt Ion: 41 Resp: 55305

Ion Ratio Lower Upper

41 100

69 95.0 80.6 121.0

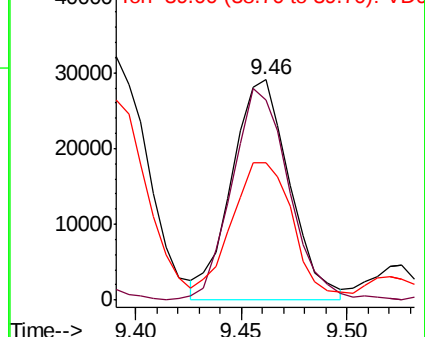
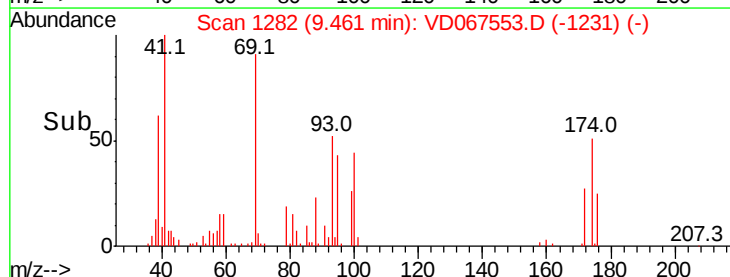
39 60.7 50.2 75.4

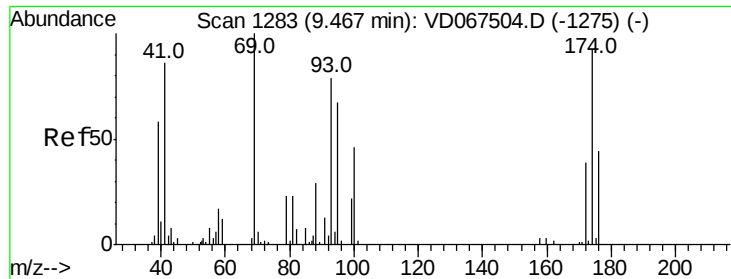


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 979.249 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

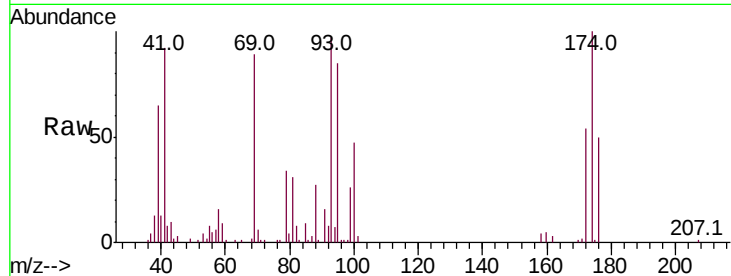
Tot Ion: 88 Resp: 14630

Ion Ratio Lower Upper

88 100

43 33.7 23.6 35.4

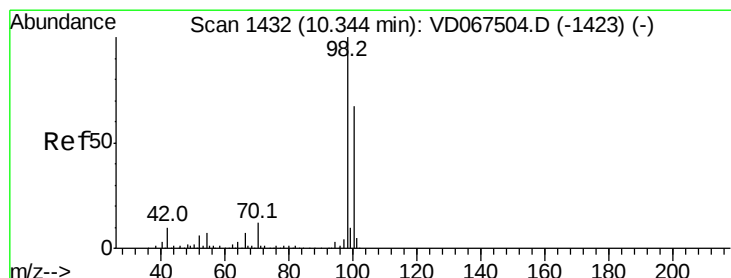
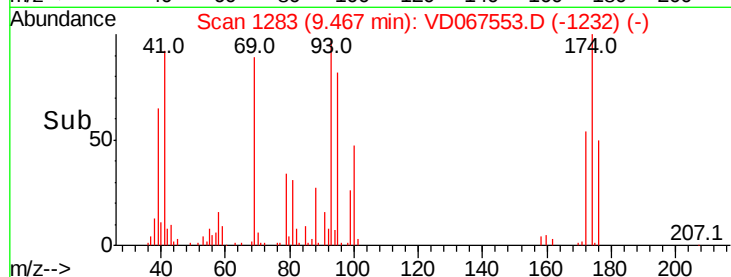
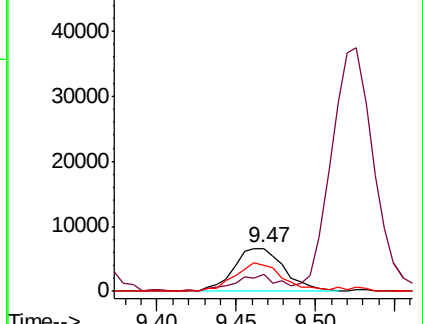
58 62.5 44.7 67.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 46.244 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067553.D

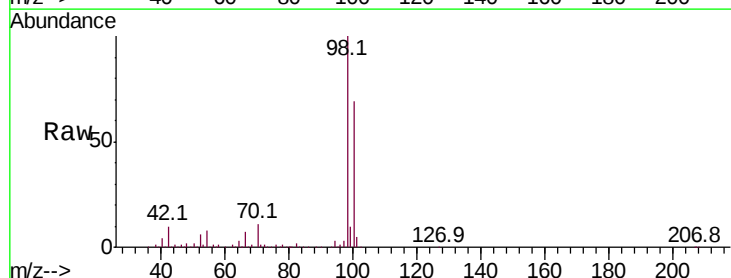
Acq: 06 Nov 2020 15:40

Tgt Ion: 98 Resp: 452074

Ion Ratio Lower Upper

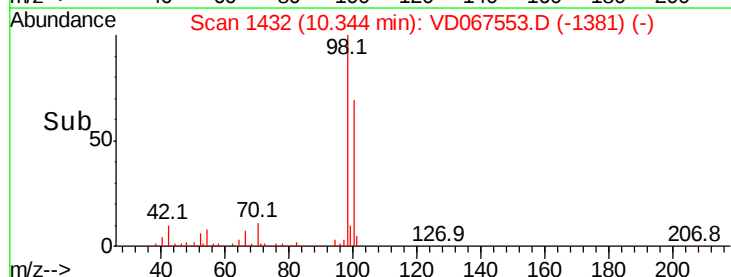
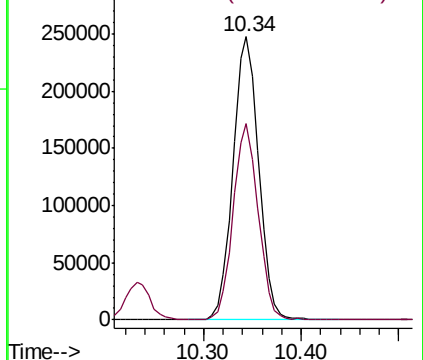
98 100

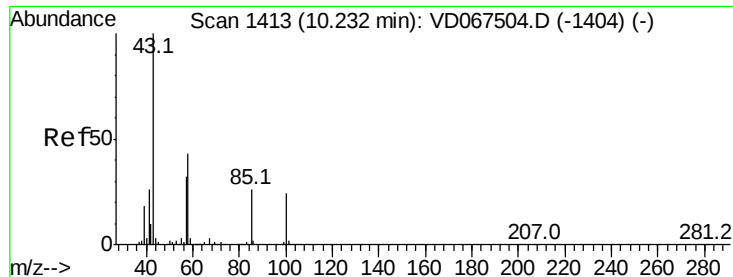
100 67.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 252.503 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

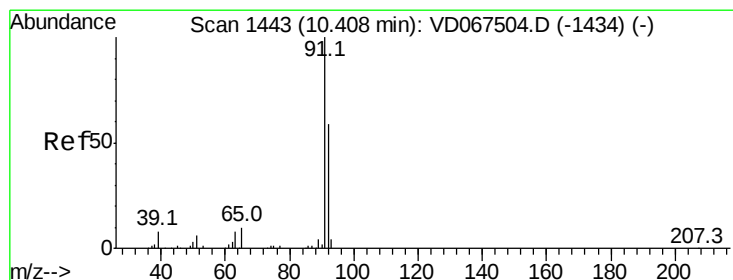
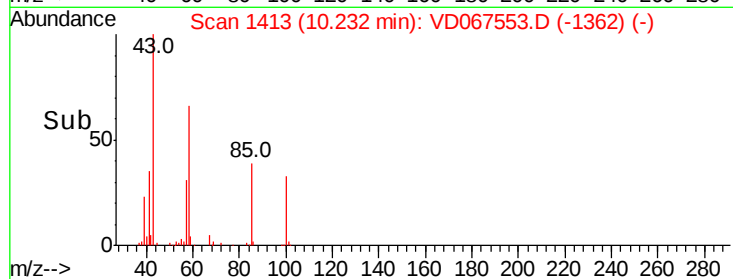
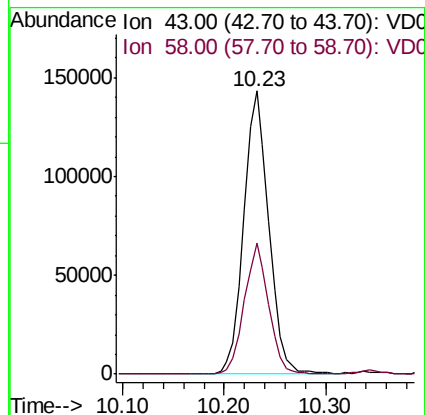
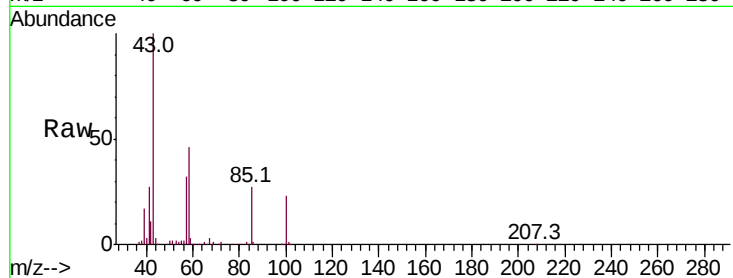
VSTDCCC050EC

Tot Ion: 43 Resp: 245048

Ion Ratio Lower Upper

43 100

58 44.9 35.6 53.4



#52

Toluene

Concen: 49.799 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067553.D

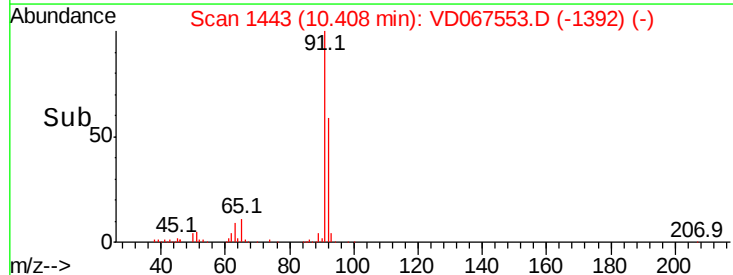
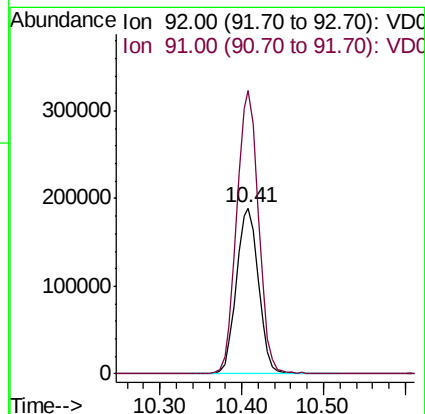
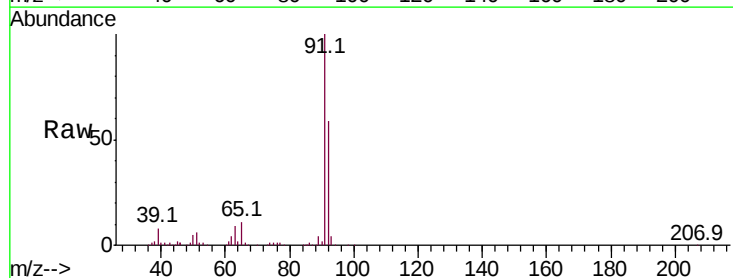
Acq: 06 Nov 2020 15:40

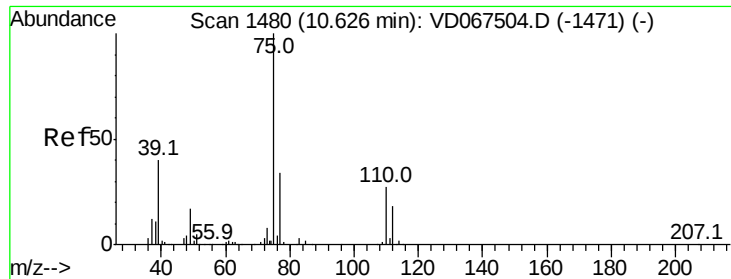
Tgt Ion: 92 Resp: 357085

Ion Ratio Lower Upper

92 100

91 169.1 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 51.125 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

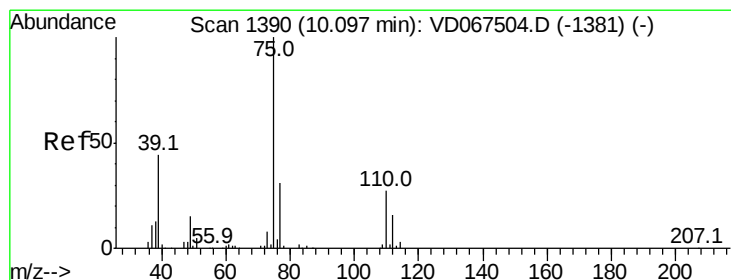
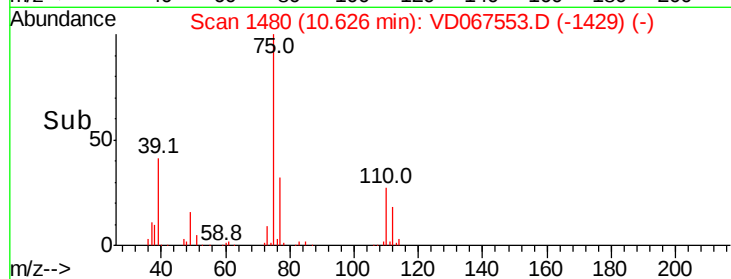
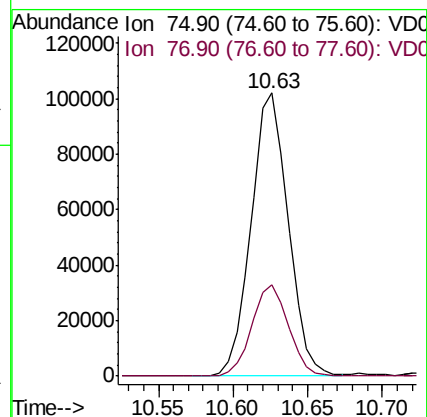
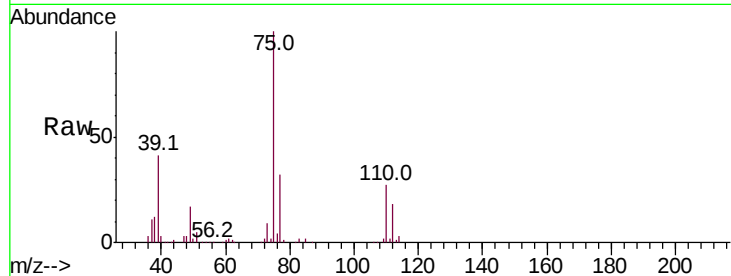
VSTDCCC050EC

Tot Ion: 75 Resp: 175148

Ion Ratio Lower Upper

75 100

77 32.3 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 48.914 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

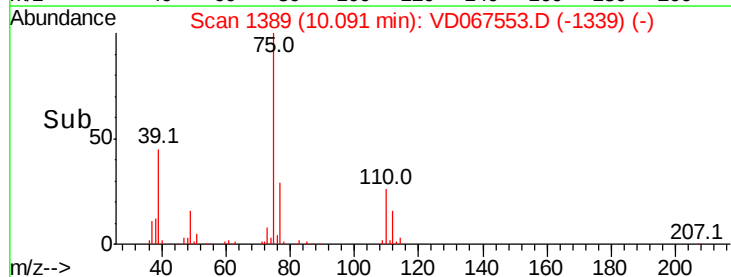
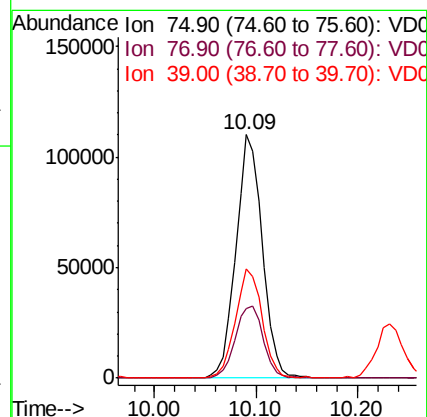
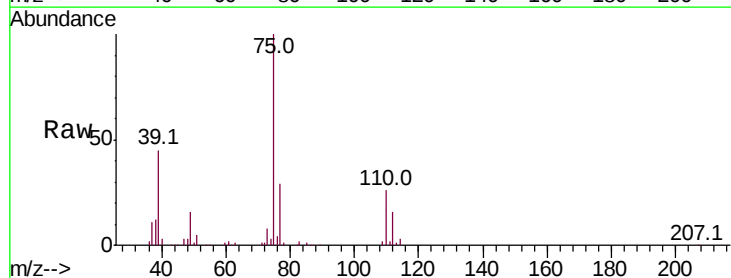
Tgt Ion: 75 Resp: 199095

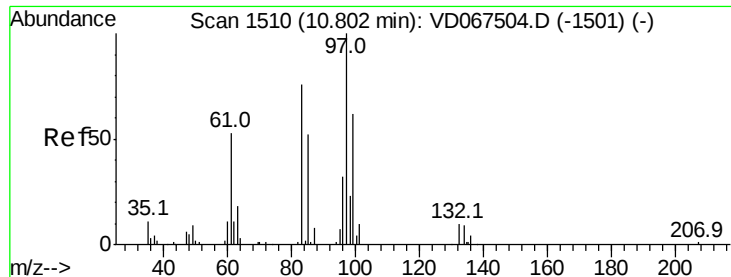
Ion Ratio Lower Upper

75 100

77 28.5 24.4 36.6

39 44.7 35.6 53.4

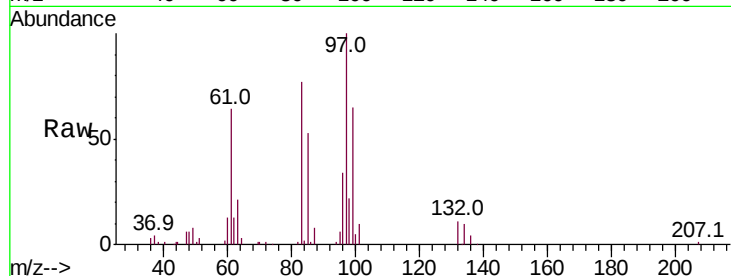




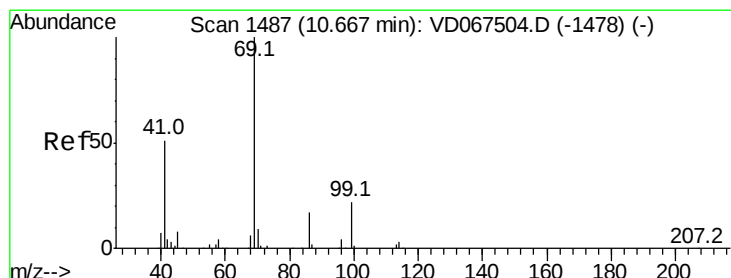
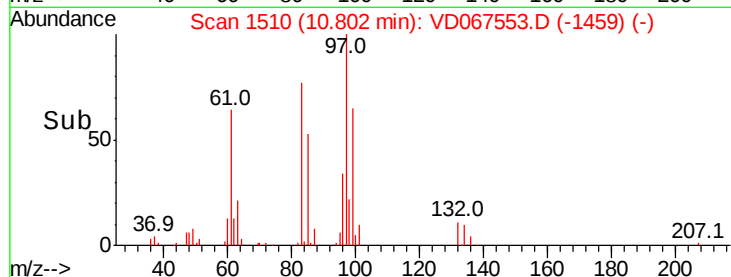
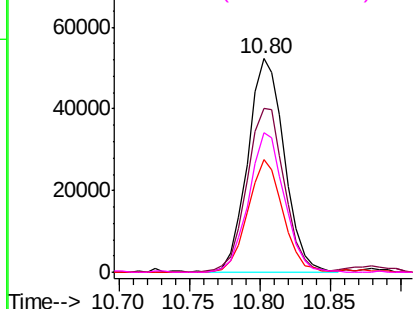
#55
 1,1,2-Trichloroethane
 Concen: 48.889 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	95197
Ion	Ratio	Lower	Upper
97	100		
83	76.5	61.0	91.6
85	52.8	41.5	62.3
99	65.1	49.4	74.2

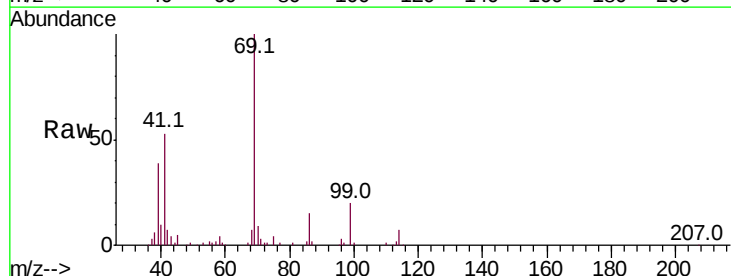


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

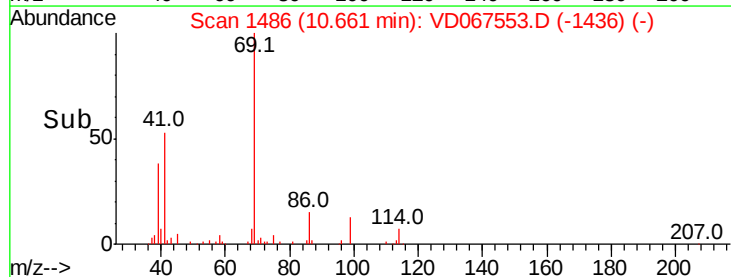
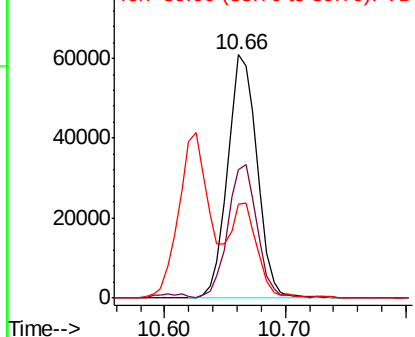


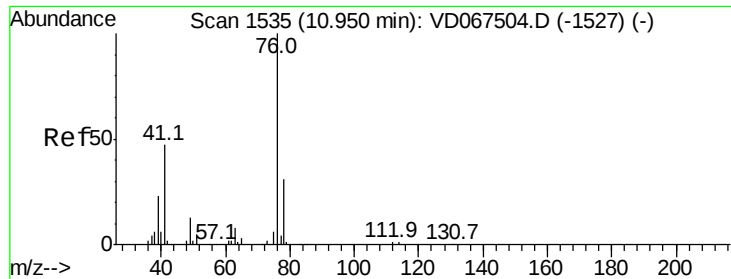
#56
 Ethyl methacrylate
 Concen: 51.549 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion:	69	Resp:	103656
Ion	Ratio	Lower	Upper
69	100		
41	54.9	45.4	68.0
39	34.2	27.4	41.0



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

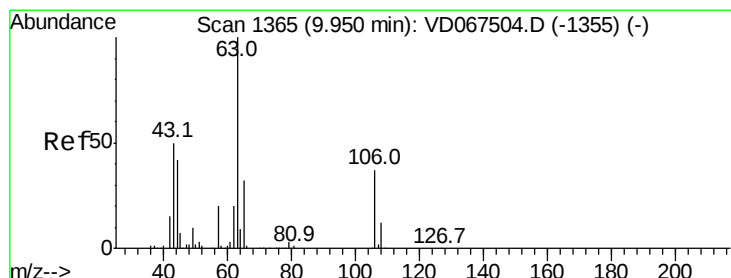
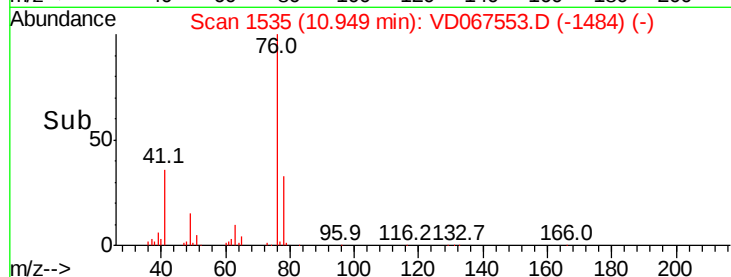
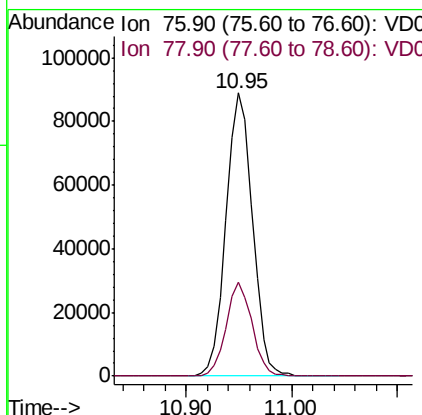
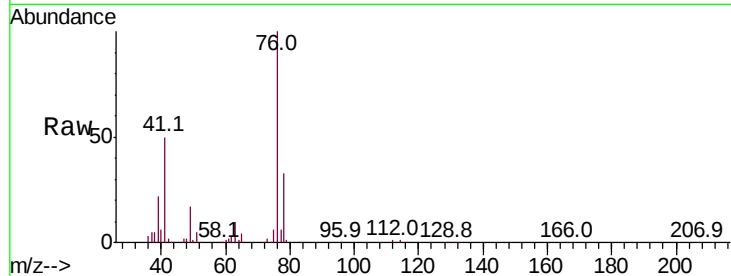




#57
 1,3-Dichloropropane
 Concen: 49.260 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

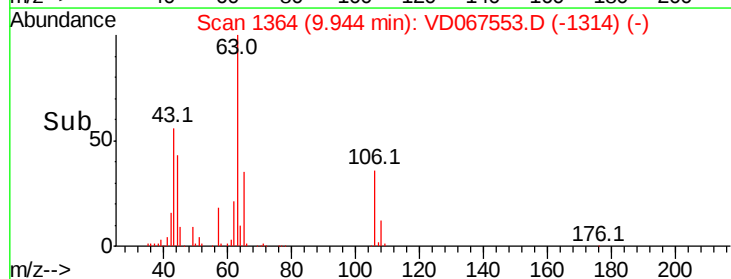
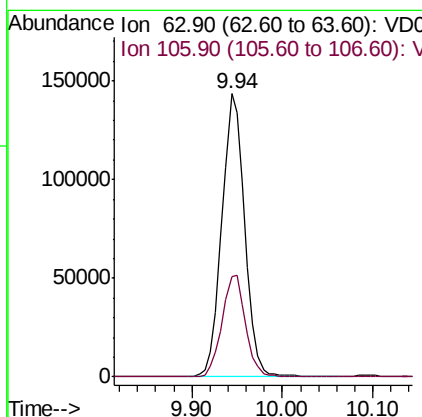
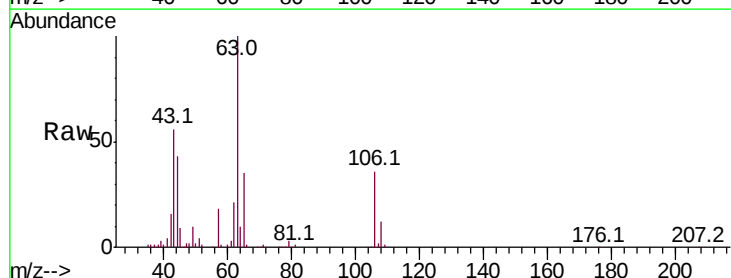
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

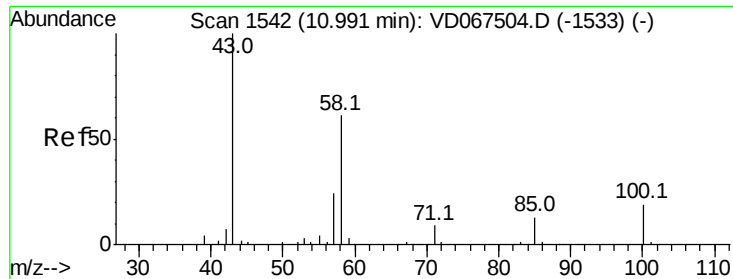
Tot Ion: 76 Resp: 154352
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.110 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion: 63 Resp: 250470
 Ion Ratio Lower Upper
 63 100
 106 36.9 29.2 43.8

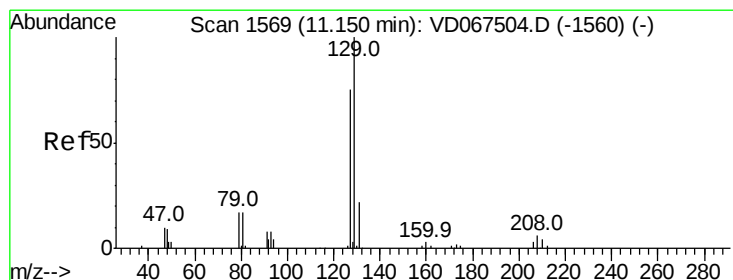
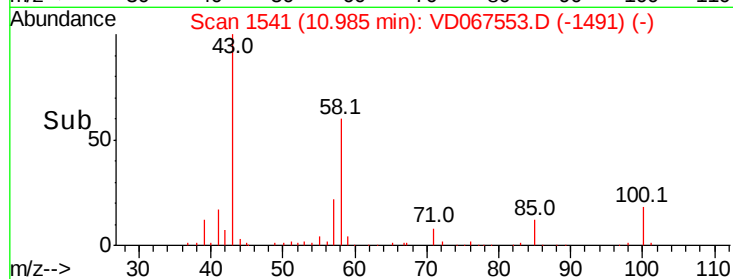
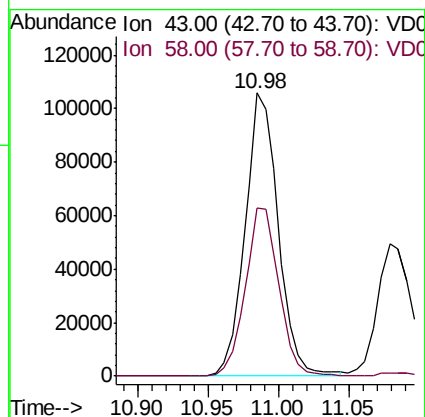
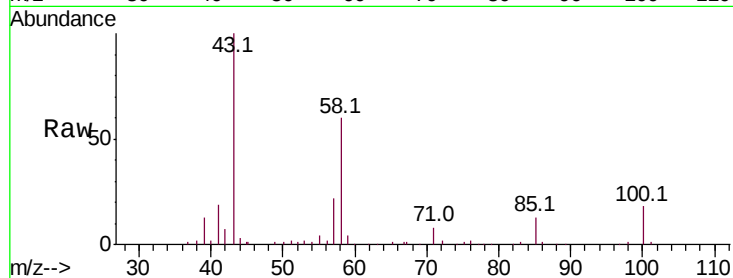




#59
2-Hexanone
Concen: 256.397 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

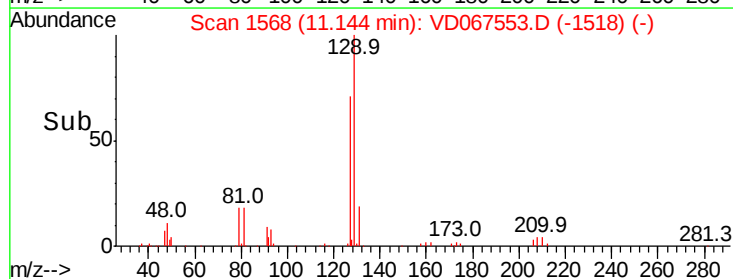
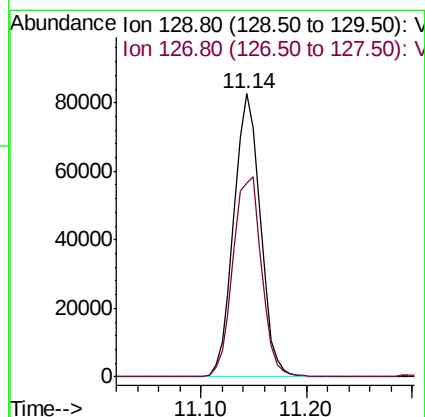
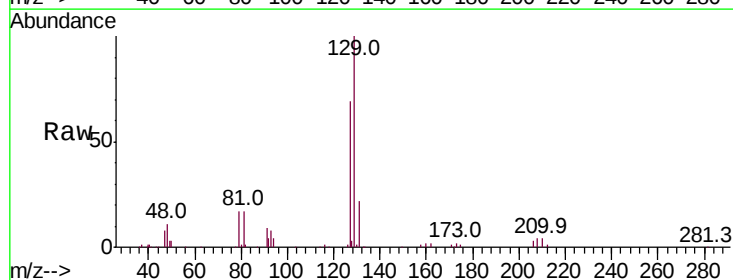
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

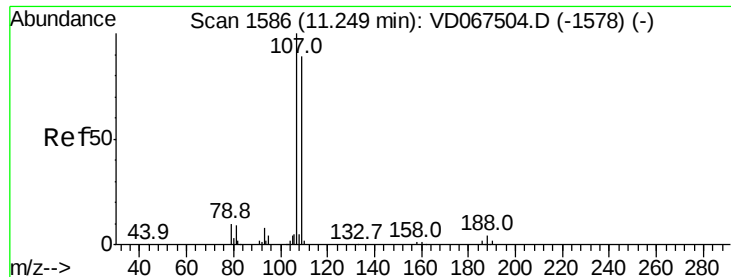
Tot Ion: 43 Resp: 173980
Ion Ratio Lower Upper
43 100
58 60.6 30.3 90.9



#60
Dibromochloromethane
Concen: 49.997 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion: 129 Resp: 144012
Ion Ratio Lower Upper
129 100
127 75.9 38.0 114.1

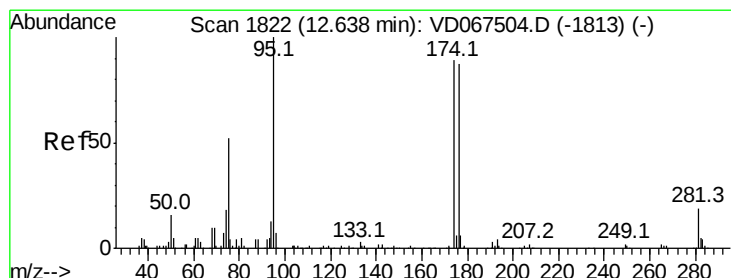
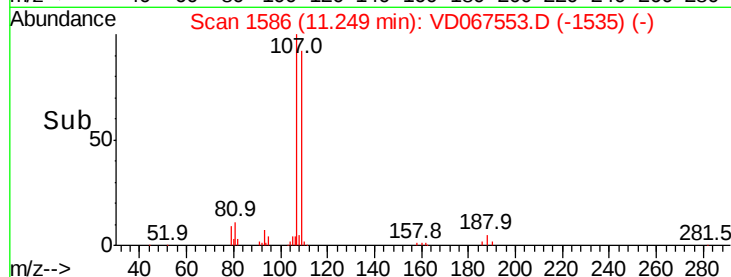
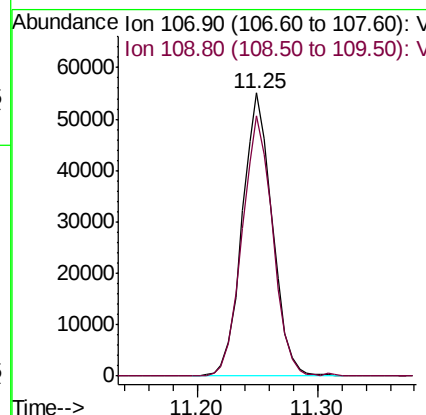
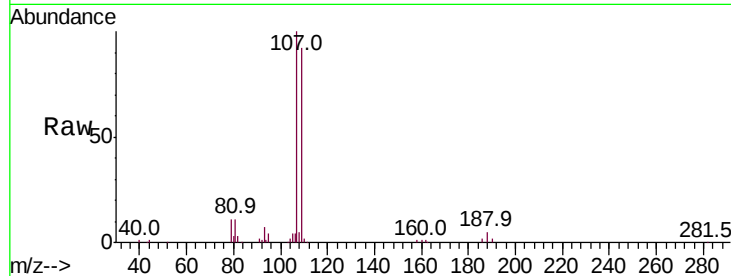




#61
 1,2-Dibromoethane
 Concen: 48.948 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

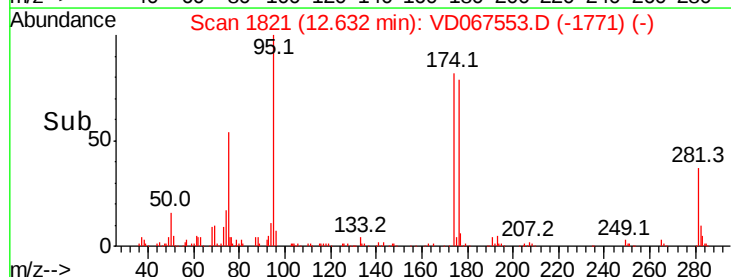
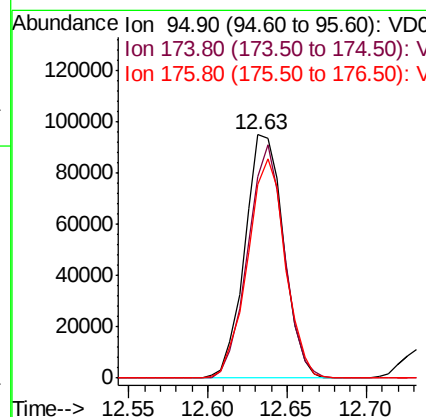
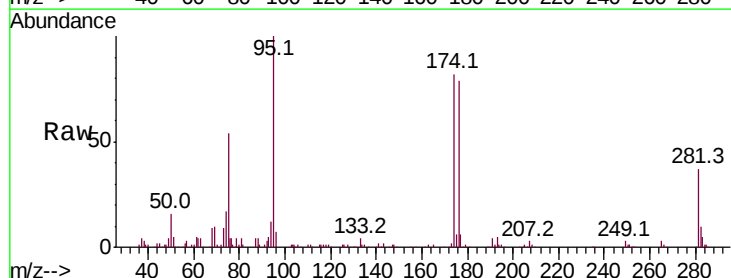
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

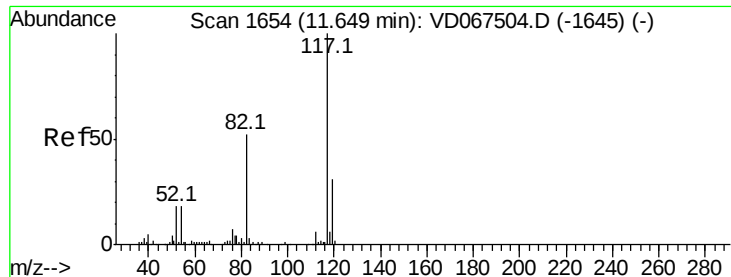
Tot Ion:107 Resp: 95659
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 47.800 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion: 95 Resp: 161328
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 177.8
 176 87.6 0.0 172.0

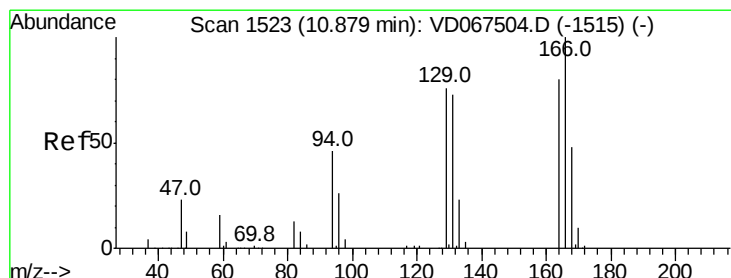
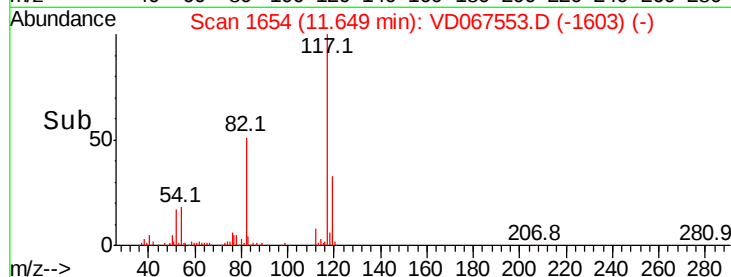
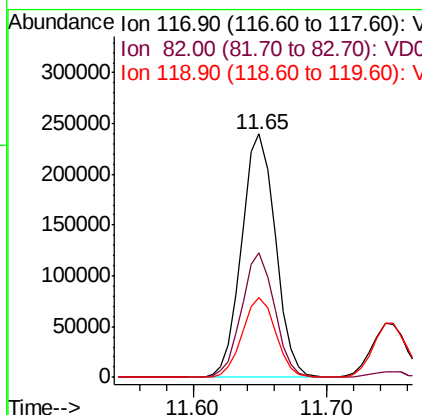
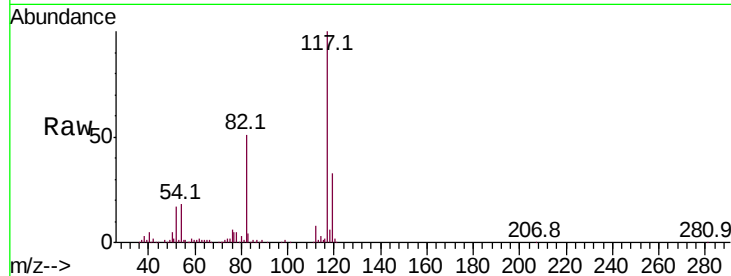




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

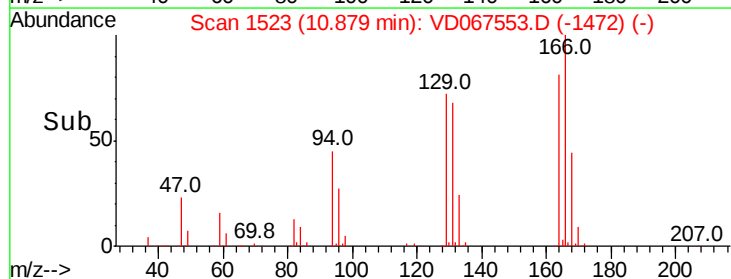
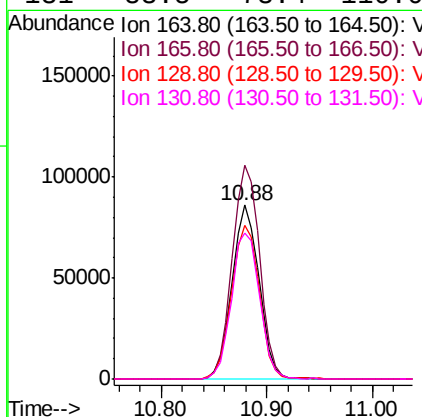
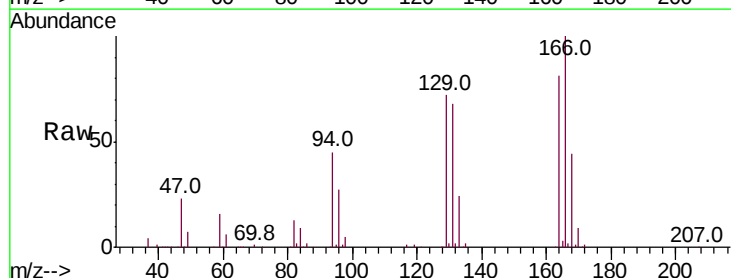
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

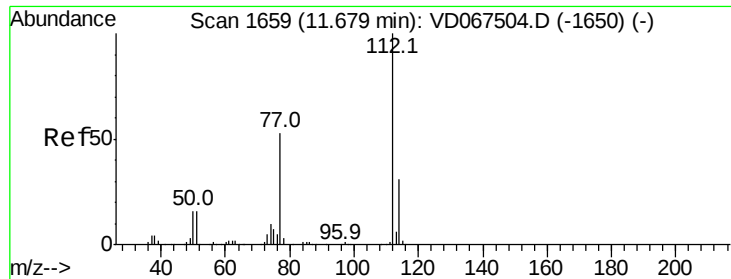
Tot Ion:117 Resp: 420438
Ion Ratio Lower Upper
117 100
82 50.9 41.6 62.4
119 32.6 25.1 37.7



#64
Tetrachloroethene
Concen: 48.852 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion:164 Resp: 152112
Ion Ratio Lower Upper
164 100
166 122.7 99.9 149.9
129 88.1 75.5 113.3
131 83.5 73.4 110.0

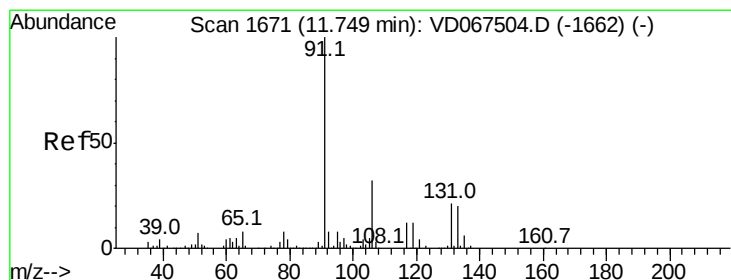
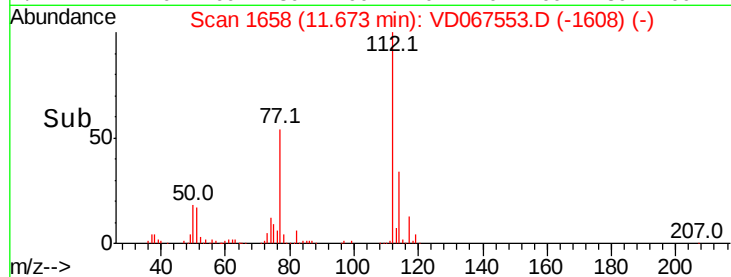
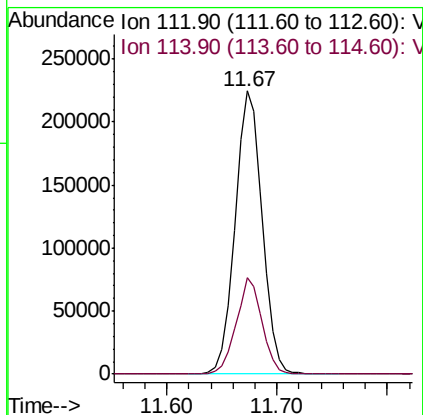
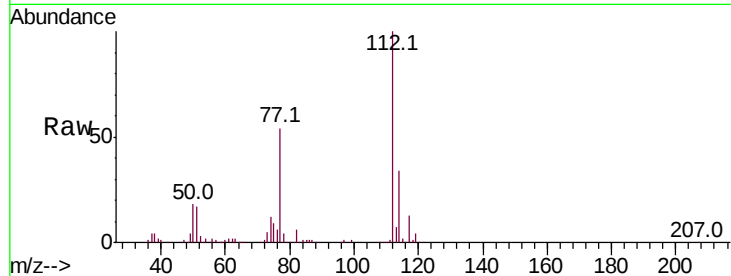




#65
Chlorobenzene
Concen: 47.592 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

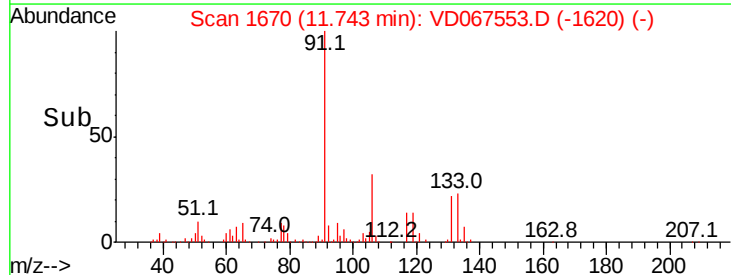
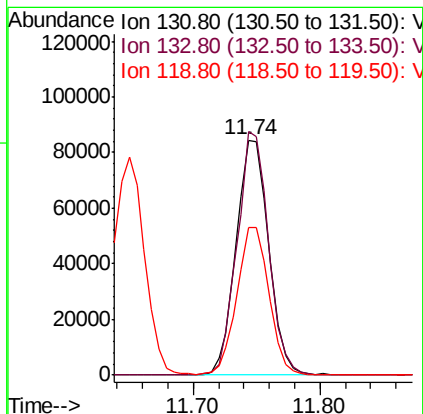
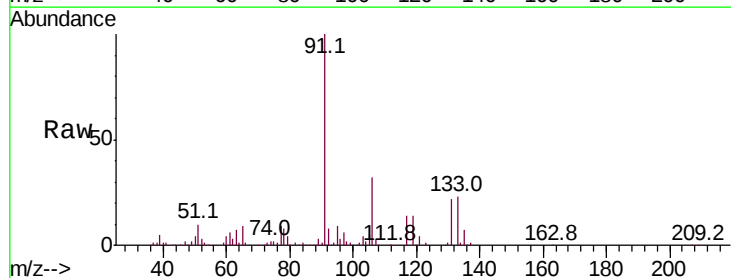
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

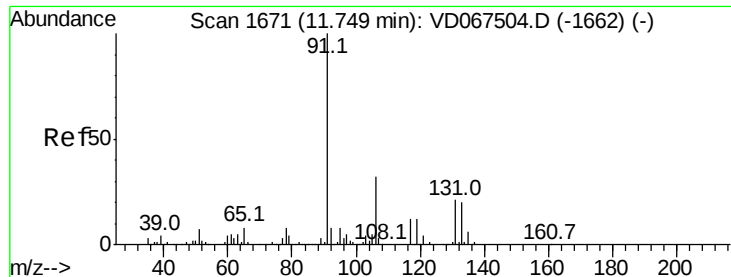
Tot Ion:112 Resp: 385434
Ion Ratio Lower Upper
112 100
114 33.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.229 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion:131 Resp: 150756
Ion Ratio Lower Upper
131 100
133 99.7 48.0 144.0
119 62.0 30.1 90.5





#67

Ethyl Benzene

Concen: 49.516 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

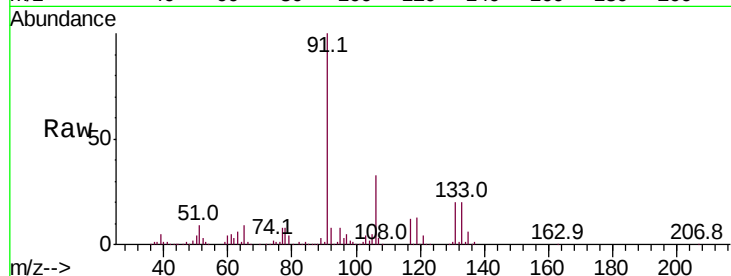
VSTDCCC050EC

Tot Ion: 91 Resp: 686226

Ion Ratio Lower Upper

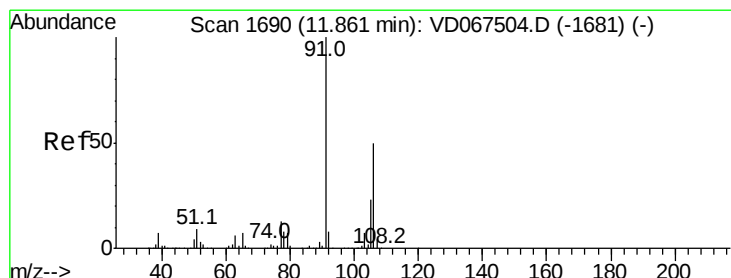
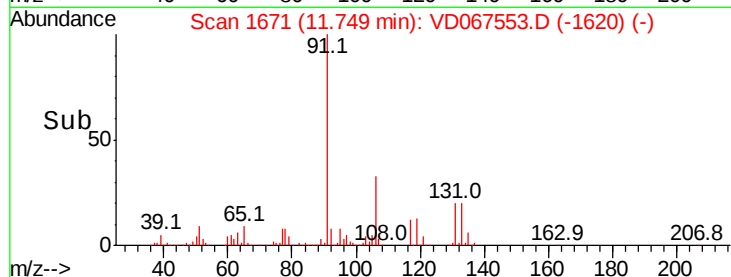
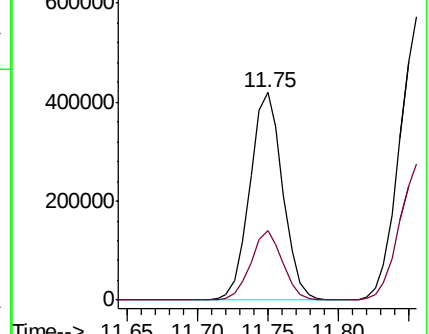
91 100

106 33.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.736 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD067553.D

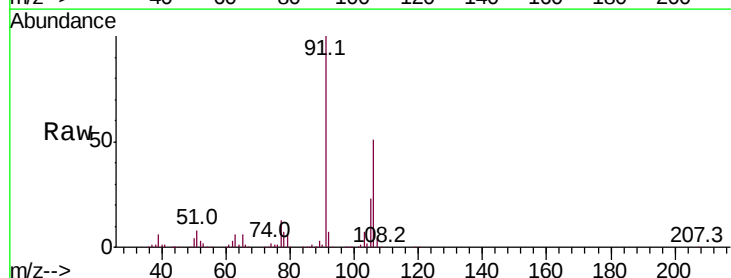
Acq: 06 Nov 2020 15:40

Tgt Ion:106 Resp: 532348

Ion Ratio Lower Upper

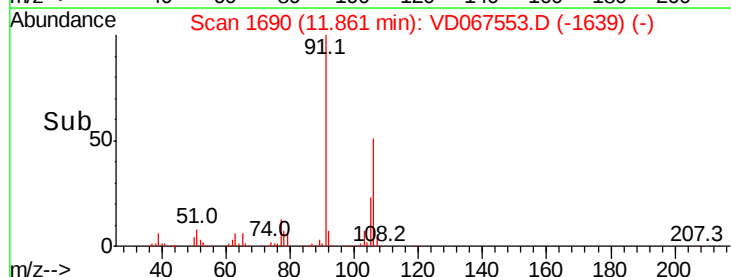
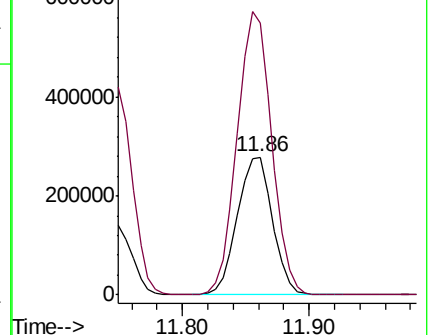
106 100

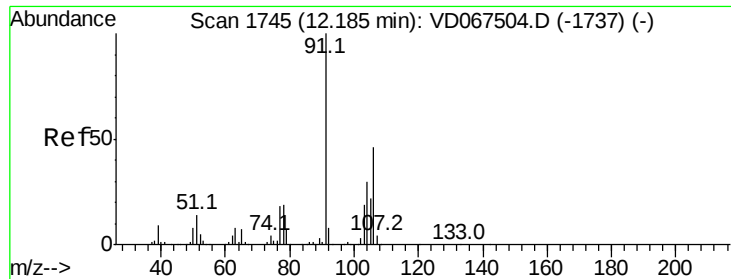
91 202.7 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC

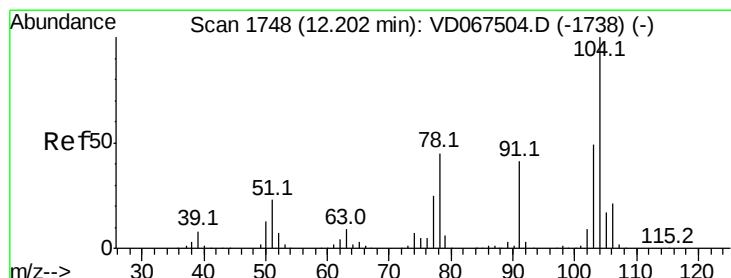
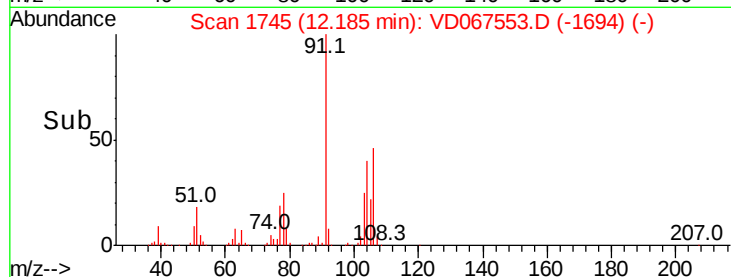
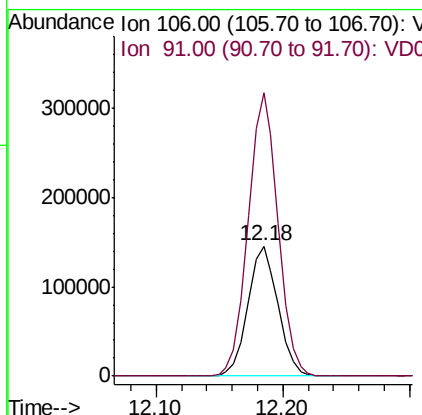
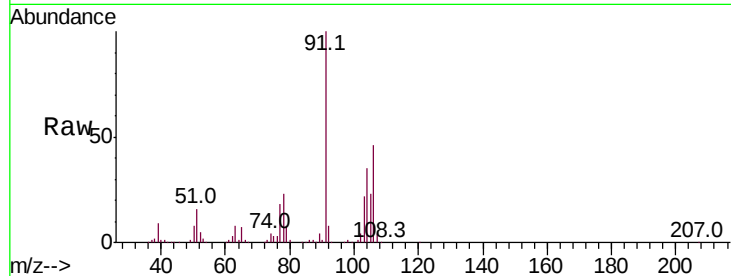




#69
o-Xylene
Concen: 49.726 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

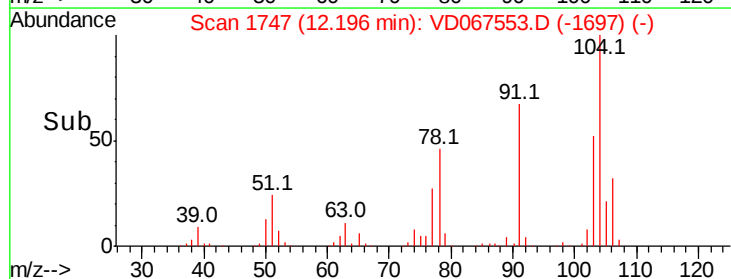
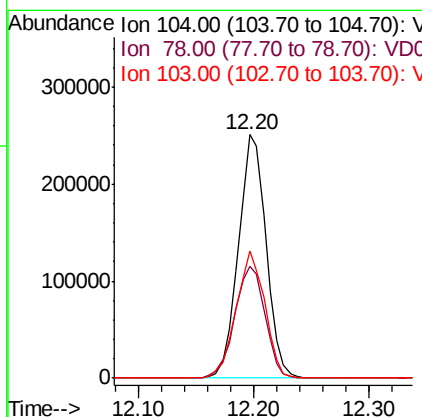
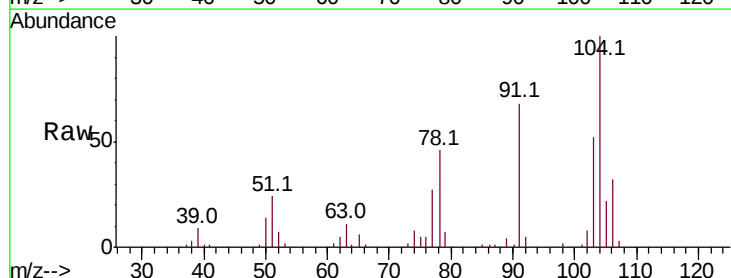
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

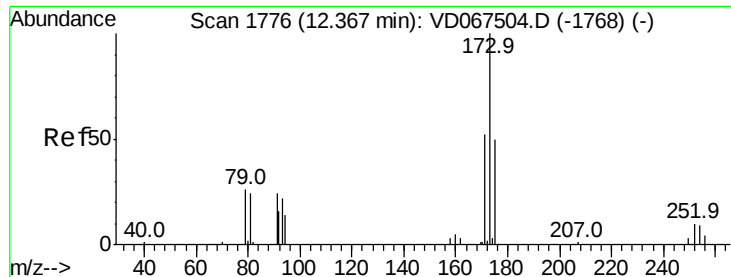
Tot Ion:106 Resp: 239371
Ion Ratio Lower Upper
106 100
91 216.3 107.1 321.1



#70
Styrene
Concen: 49.556 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion:104 Resp: 415683
Ion Ratio Lower Upper
104 100
78 50.5 39.8 59.8
103 54.2 43.9 65.9





#71

Bromoform

Concen: 49.662 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

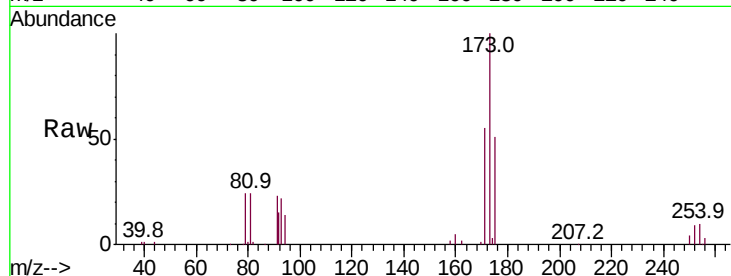
Tot Ion:173 Resp: 80847

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

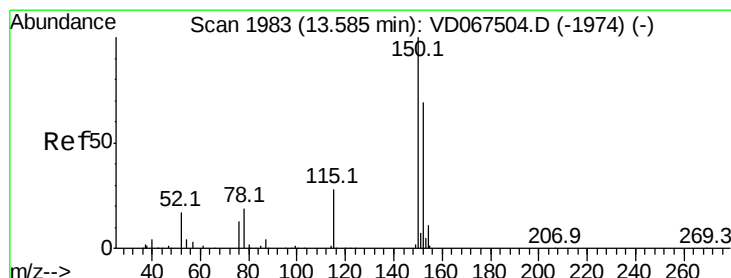
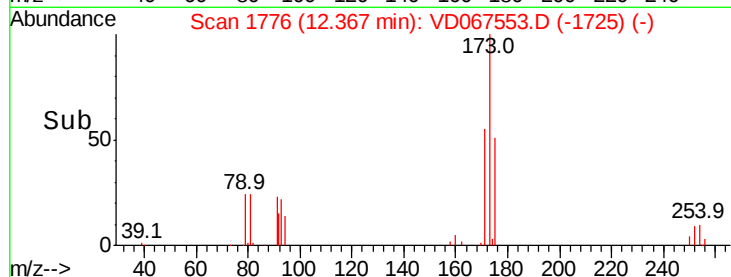
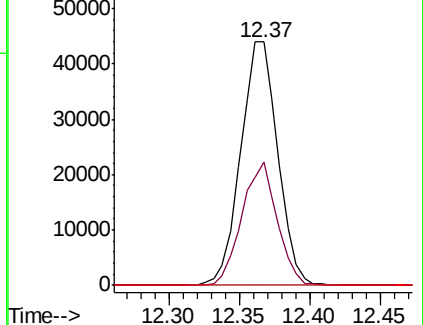
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

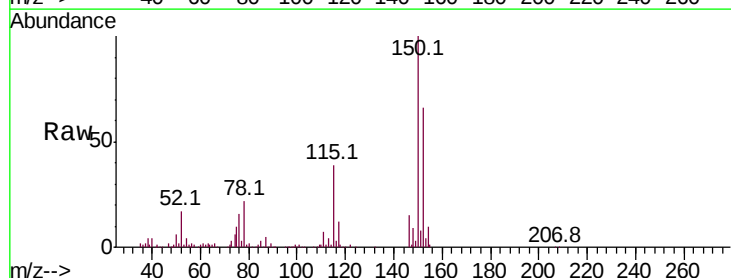
Tgt Ion:152 Resp: 213361

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

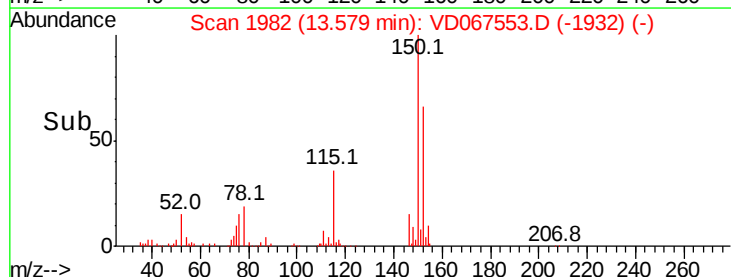
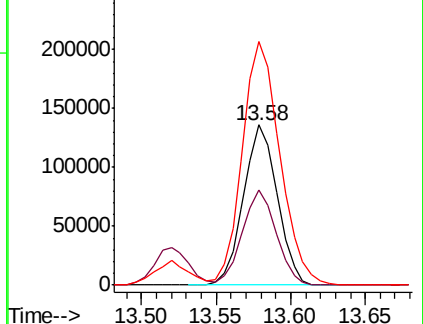
150 169.3 0.0 338.2

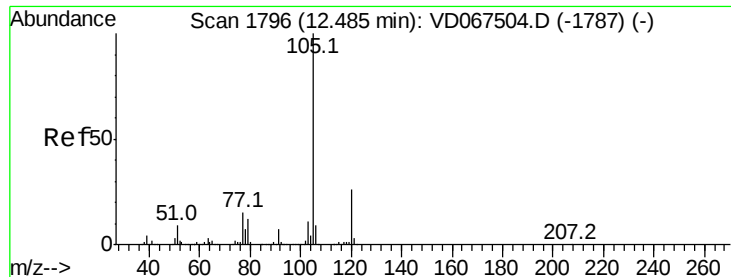


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.921 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

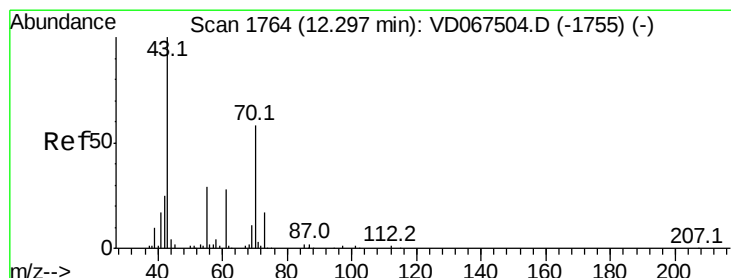
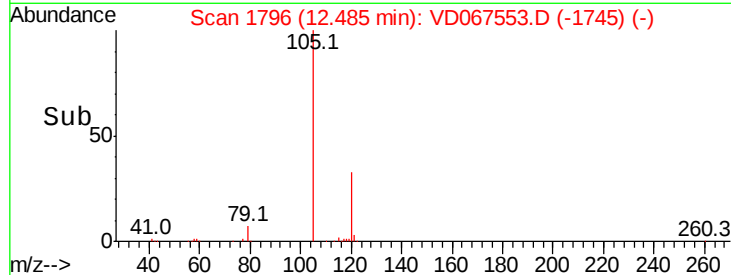
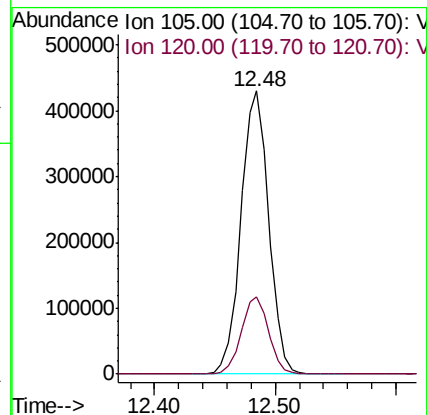
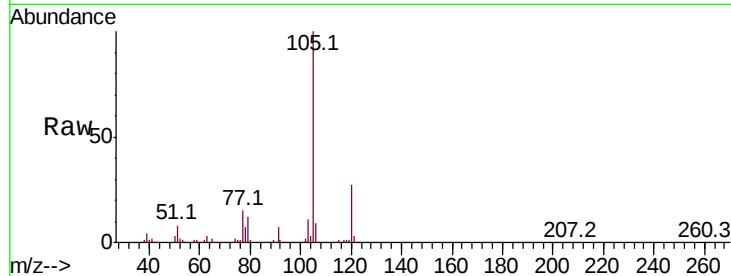
VSTDCCC050EC

Tot Ion:105 Resp: 688373

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 50.507 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Tgt Ion: 43 Resp: 91641

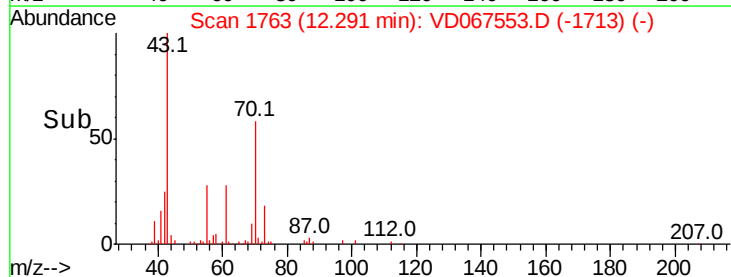
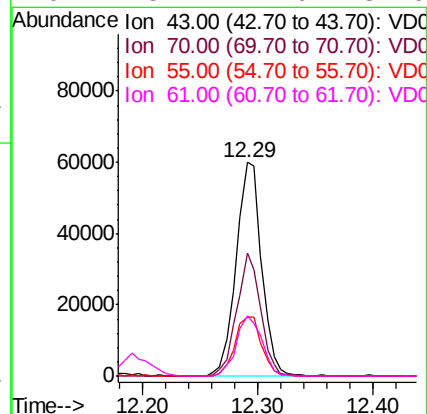
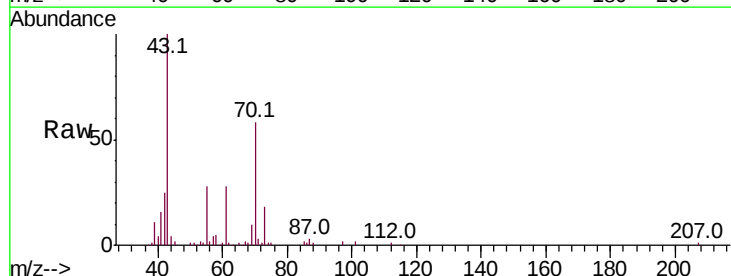
Ion Ratio Lower Upper

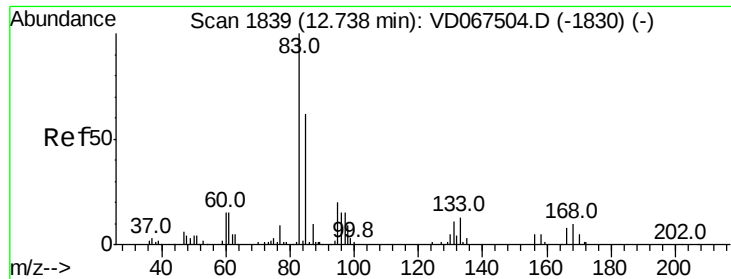
43 100

70 53.6 42.6 64.0

55 29.3 23.7 35.5

61 28.1 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.751 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

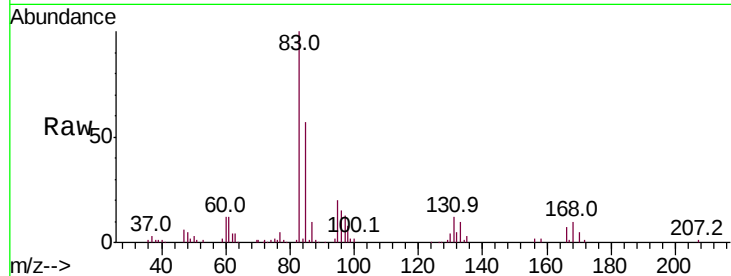
Tot Ion: 83 Resp: 89787

Ion Ratio Lower Upper

83 100

131 14.2 7.1 21.3

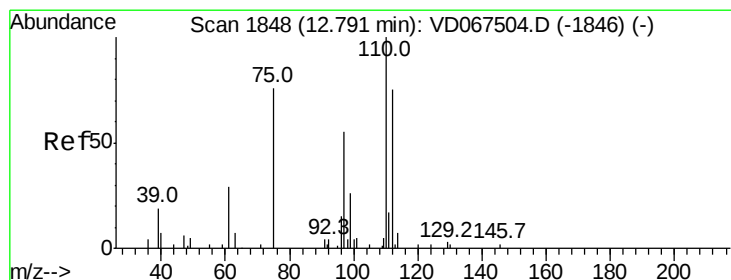
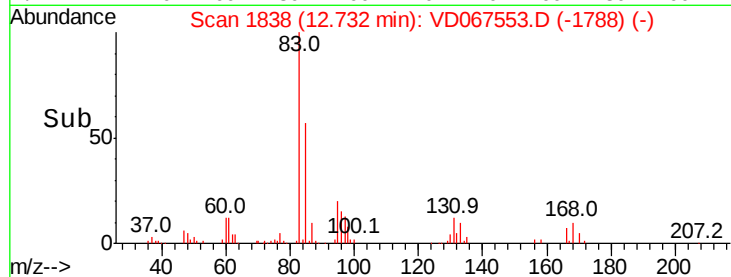
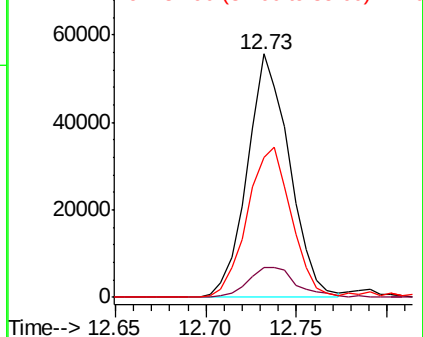
85 64.4 32.9 98.7



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: 99.941 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD067553.D

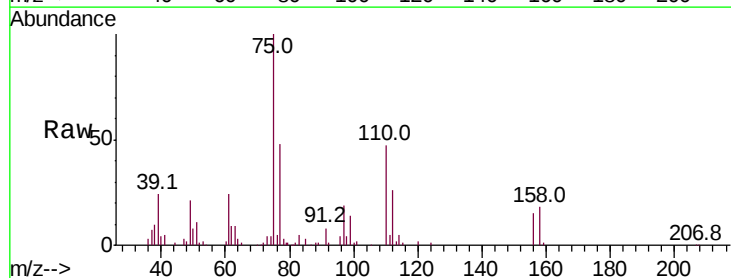
Acq: 06 Nov 2020 15:40

Tgt Ion: 75 Resp: 128635

Ion Ratio Lower Upper

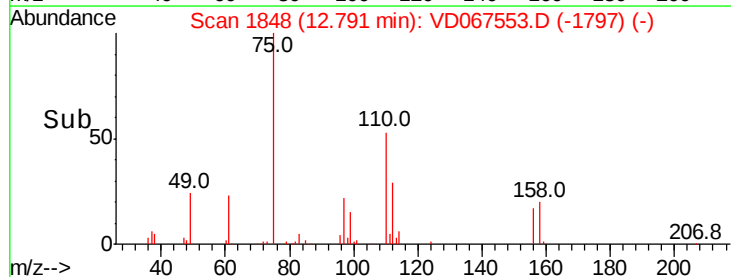
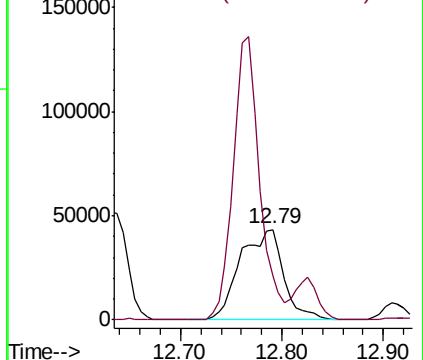
75 100

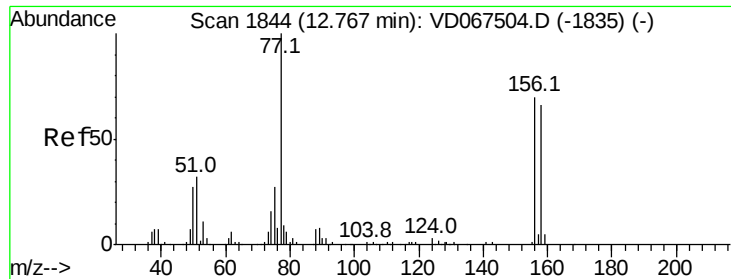
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.859 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

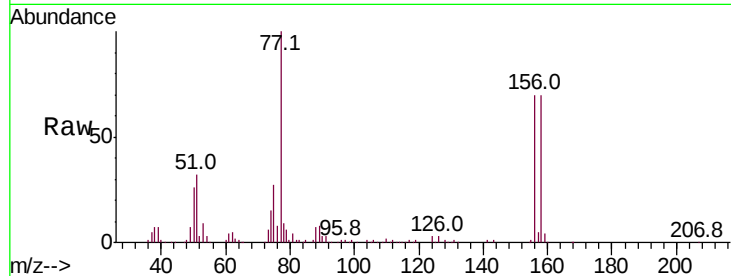
Tot Ion:156 Resp: 162072

Ion Ratio Lower Upper

156 100

77 151.8 77.8 233.5

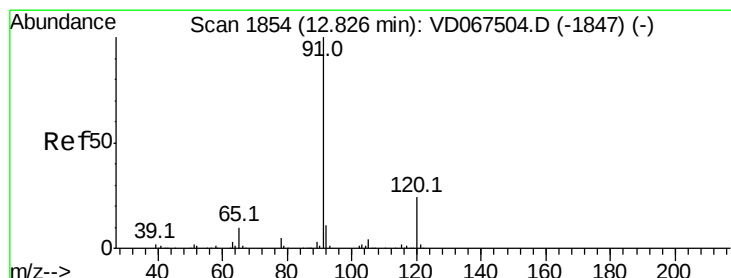
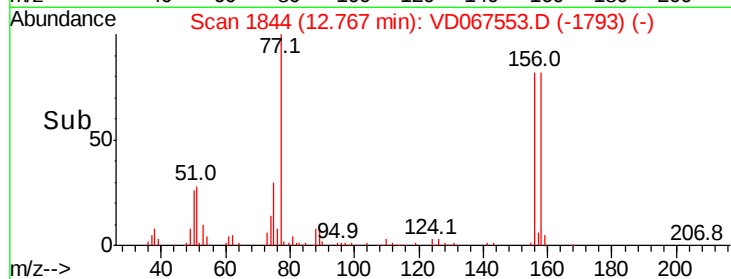
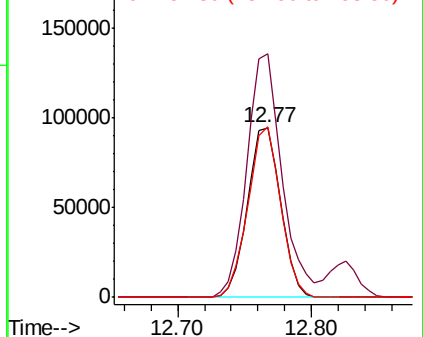
158 98.7 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.227 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067553.D

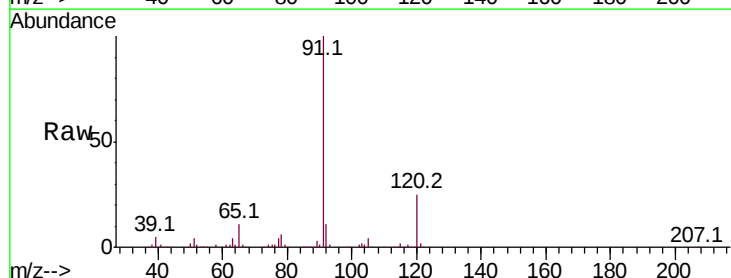
Acq: 06 Nov 2020 15:40

Tgt Ion: 91 Resp: 776423

Ion Ratio Lower Upper

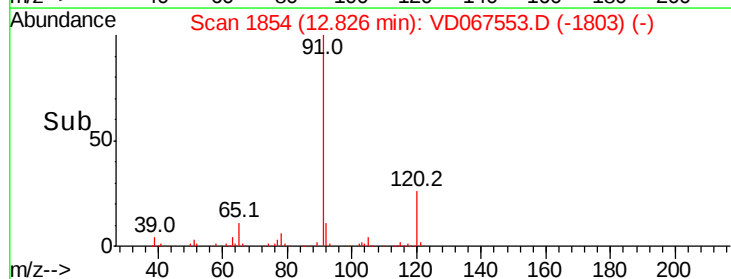
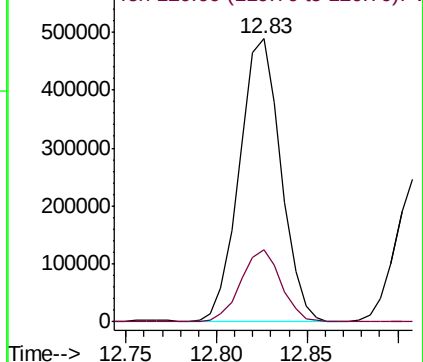
91 100

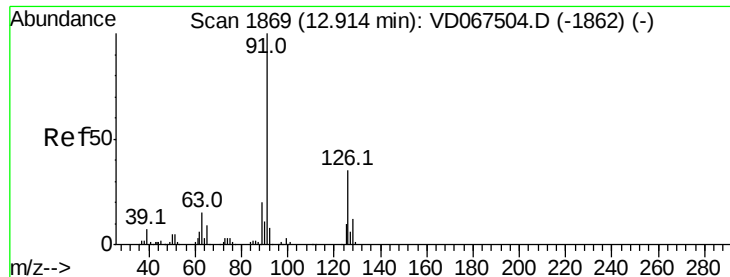
120 24.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.713 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

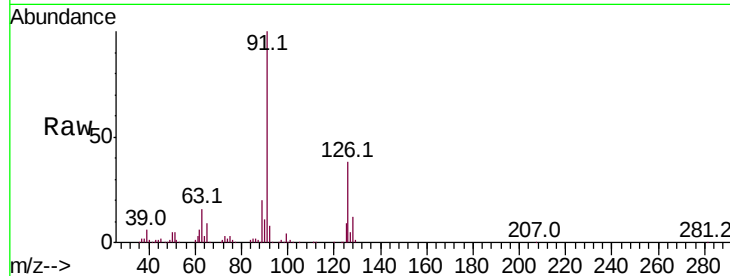
VSTDCCC050EC

Tot Ion: 91 Resp: 436445

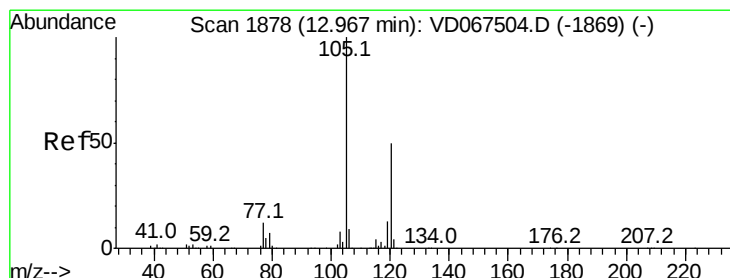
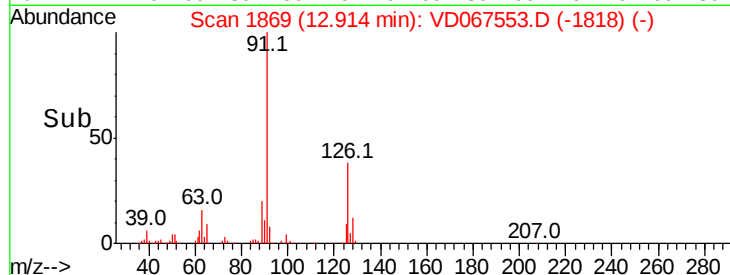
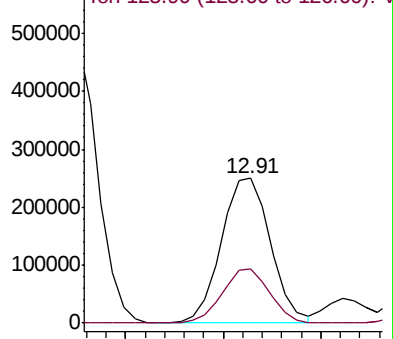
Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.945 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067553.D

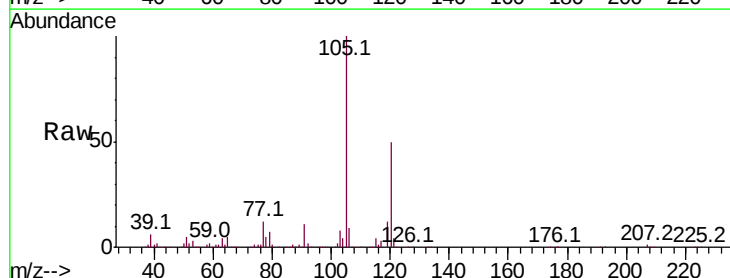
Acq: 06 Nov 2020 15:40

Tgt Ion: 105 Resp: 588319

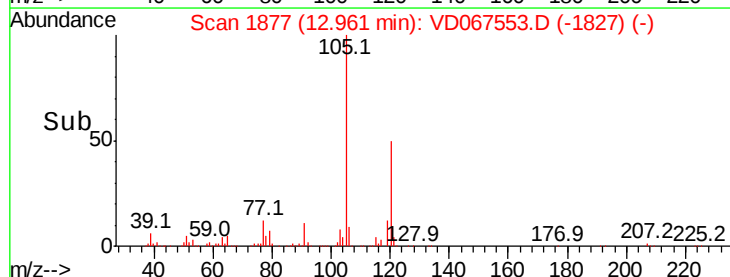
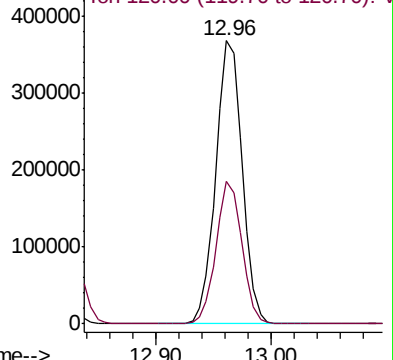
Ion Ratio Lower Upper

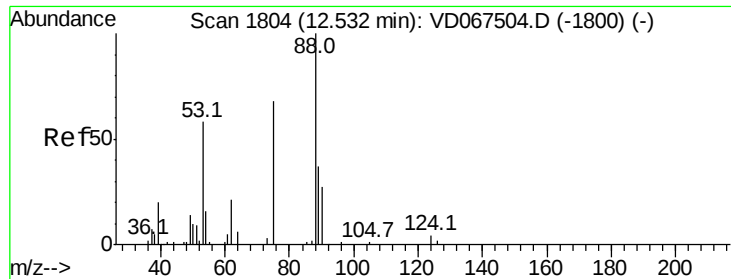
105 100

120 49.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)

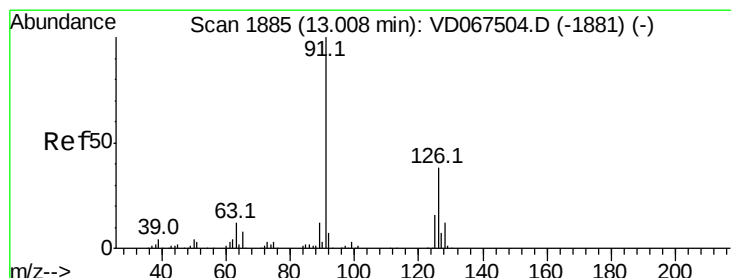
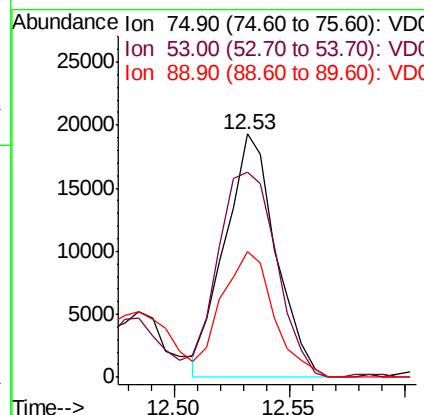
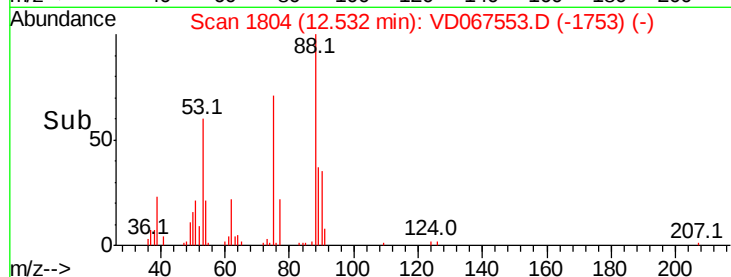
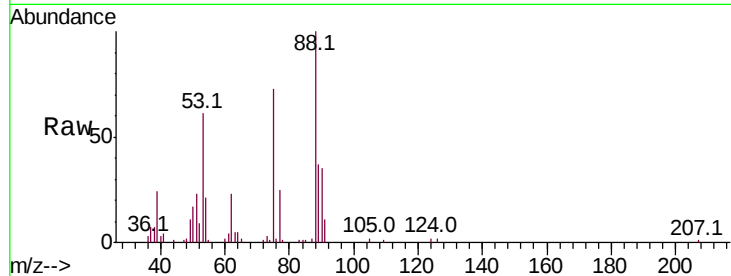




#81
trans-1,4-Dichloro-2-butene
Concen: 46.753 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

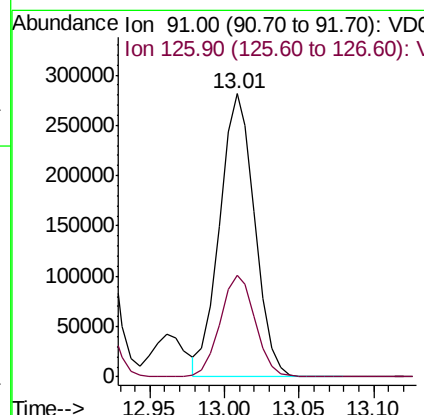
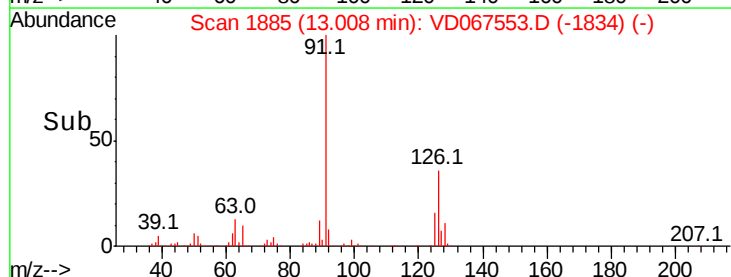
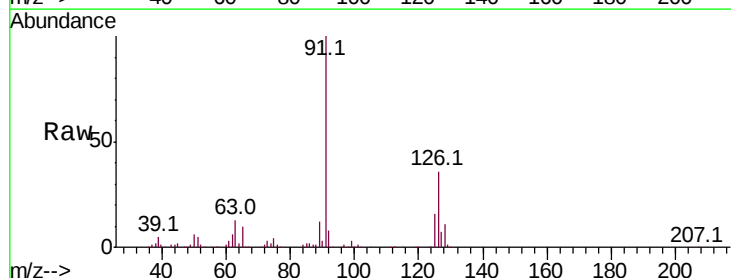
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

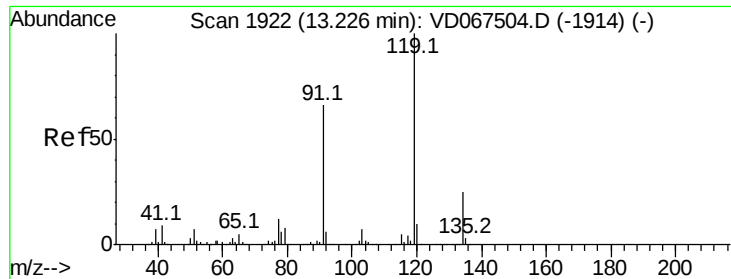
Tot Ion: 75 Resp: 29640
Ion Ratio Lower Upper
75 100
53 97.8 75.9 113.9
89 53.0 44.6 67.0



#82
4-Chlorotoluene
Concen: 48.079 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion: 91 Resp: 461990
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.7

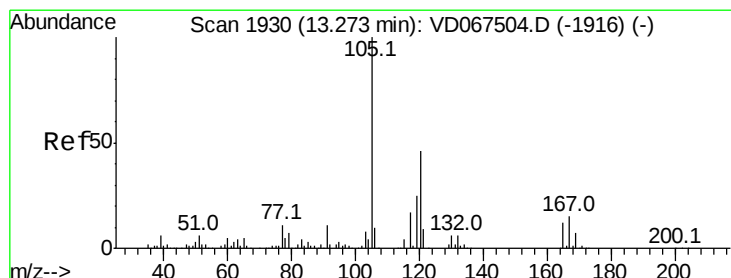
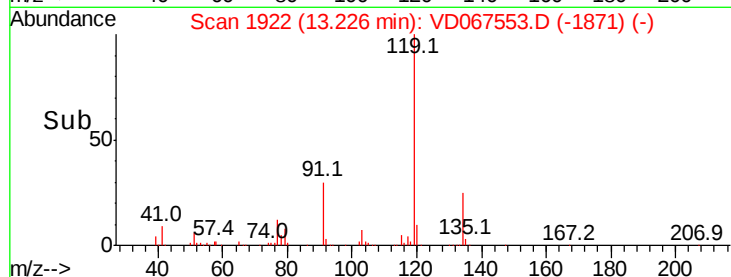
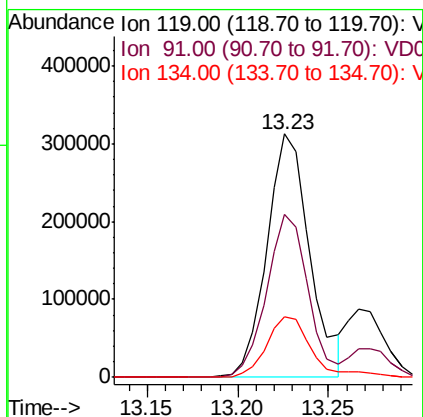
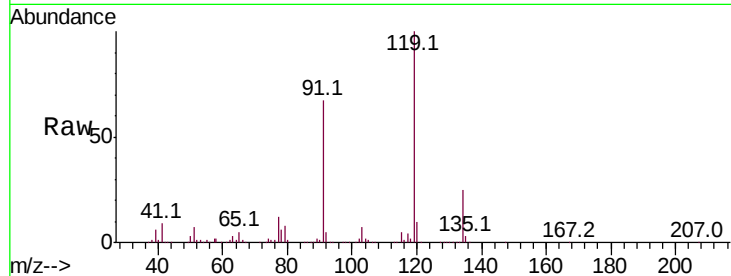




#83
tert-Butylbenzene
Concen: 51.572 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

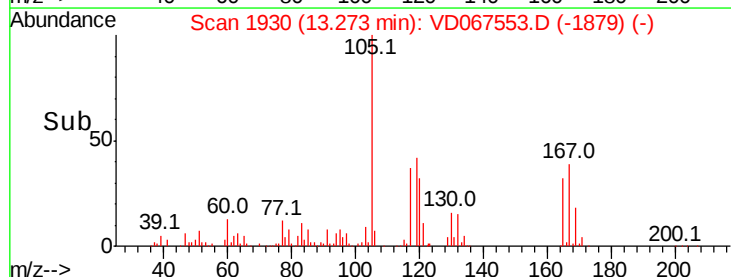
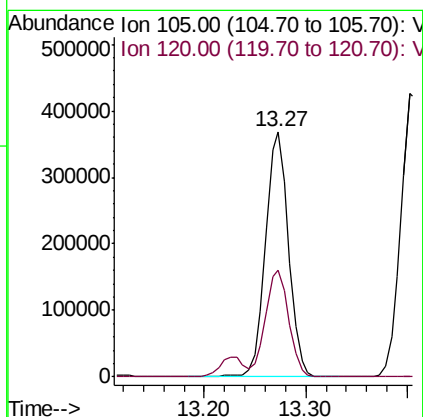
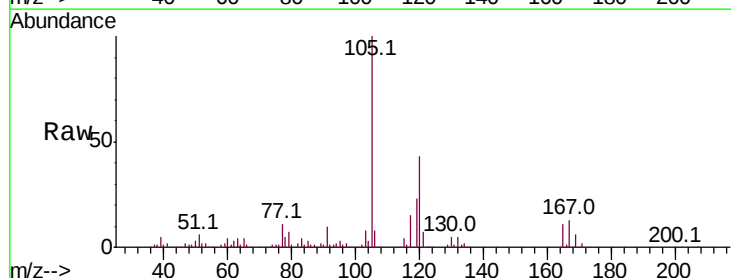
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

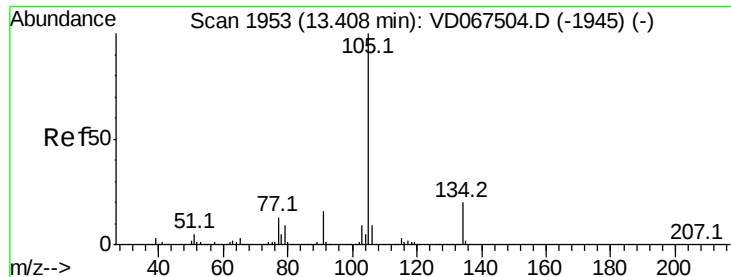
Tot Ion:119 Resp: 514849
Ion Ratio Lower Upper
119 100
91 64.7 32.7 98.1
134 26.6 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 50.124 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion:105 Resp: 587714
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.337 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

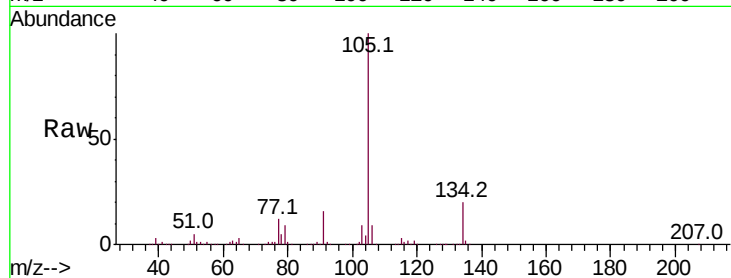
VSTDCCC050EC

Tot Ion:105 Resp: 678376

Ion Ratio Lower Upper

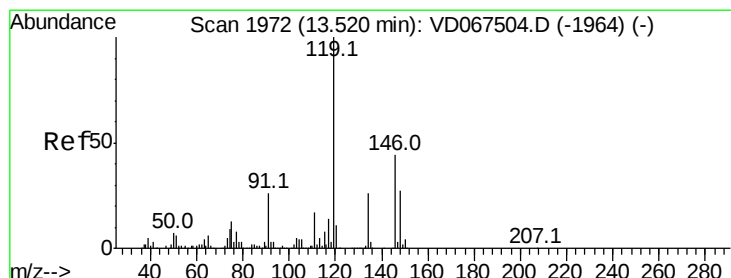
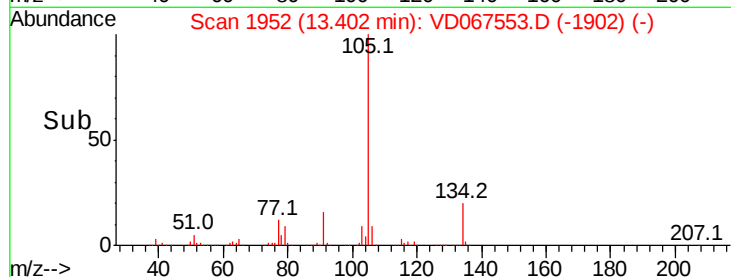
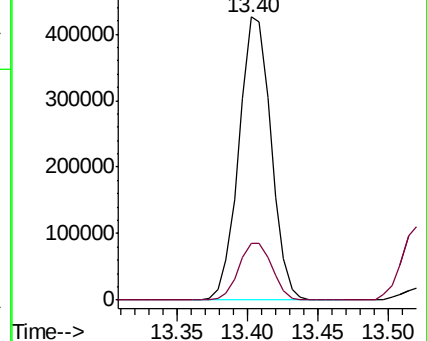
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.904 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

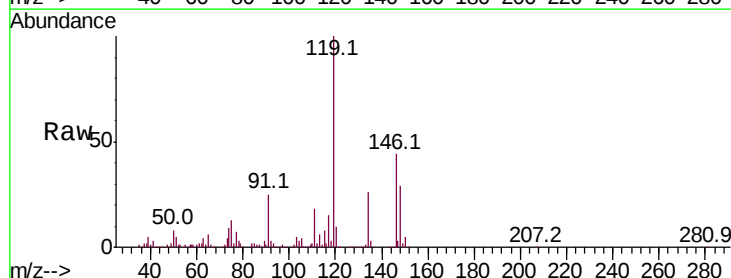
Tgt Ion:119 Resp: 649455

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

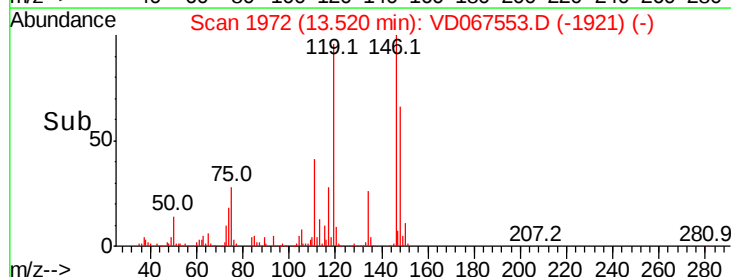
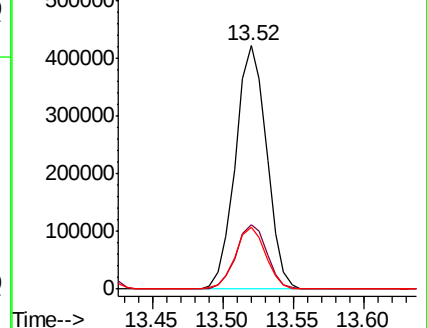
91 24.8 12.2 36.4

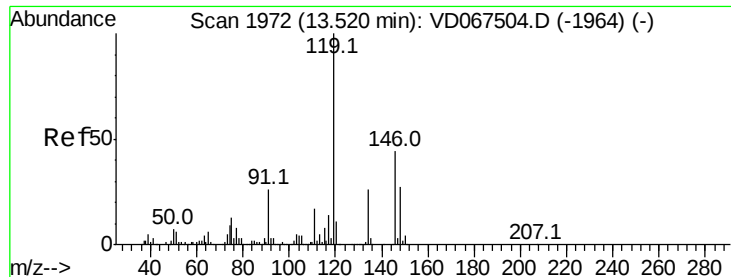


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.867 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

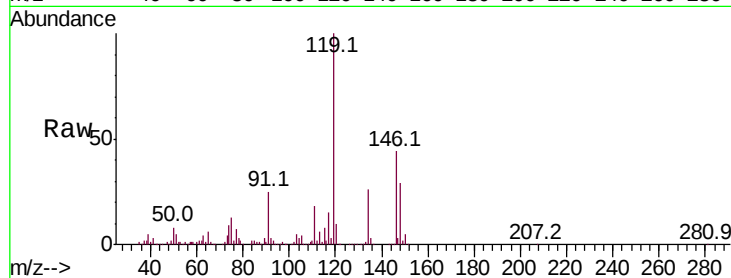
Tot Ion:146 Resp: 309309

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.8

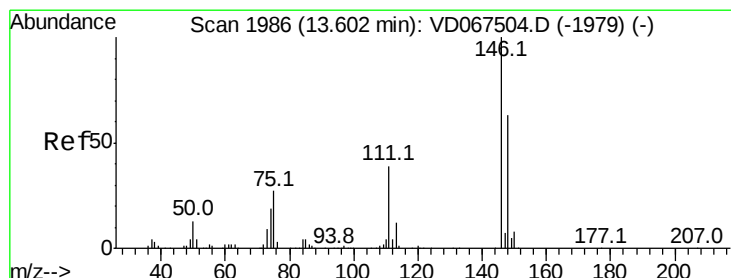
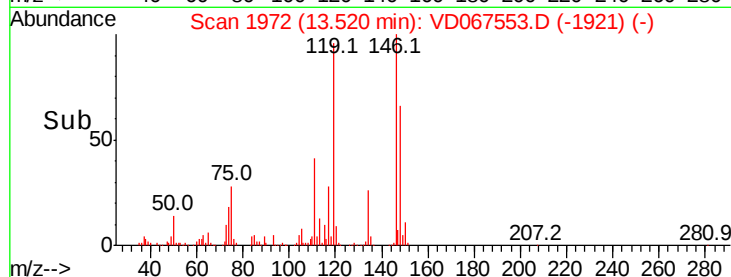
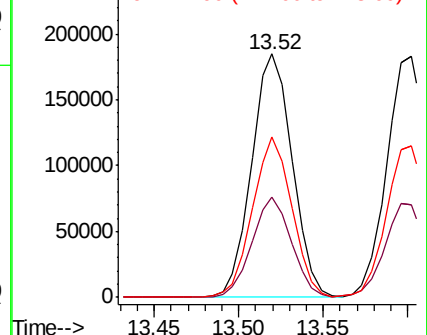
148 63.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.057 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD067553.D

Acq: 06 Nov 2020 15:40

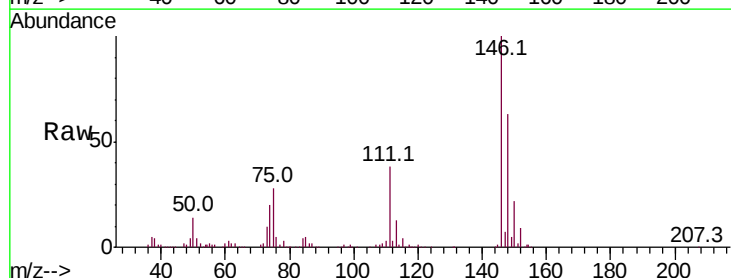
Tgt Ion:146 Resp: 307896

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

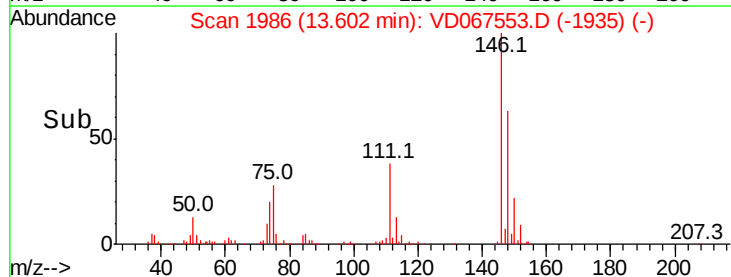
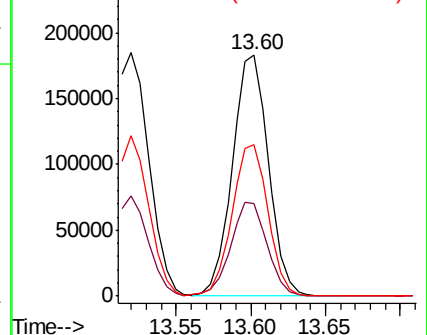
148 62.7 31.8 95.4

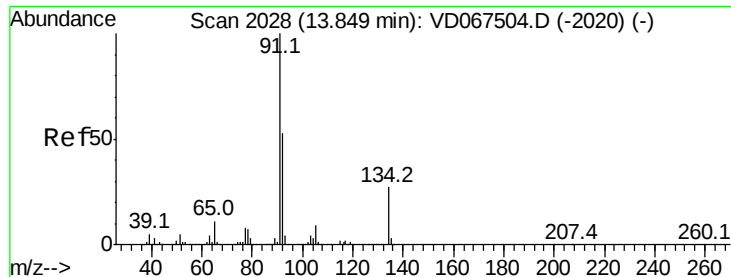


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

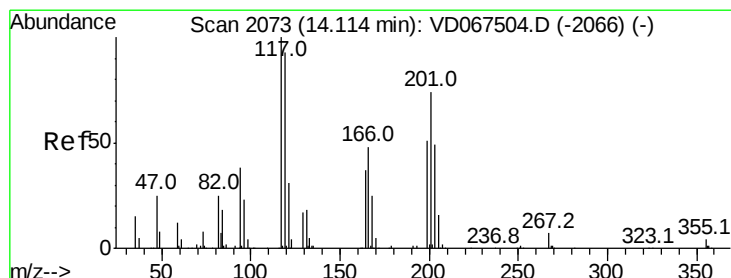
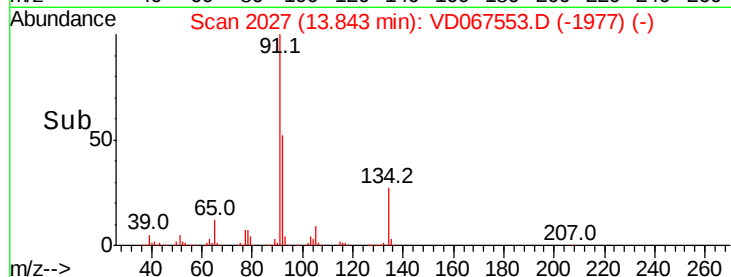
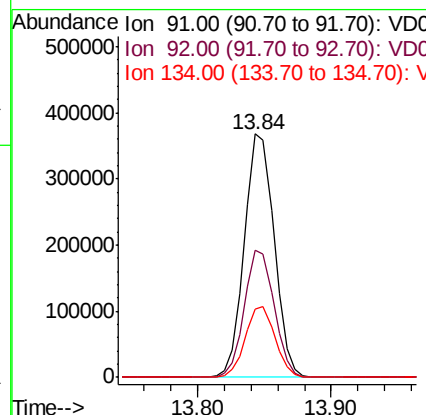
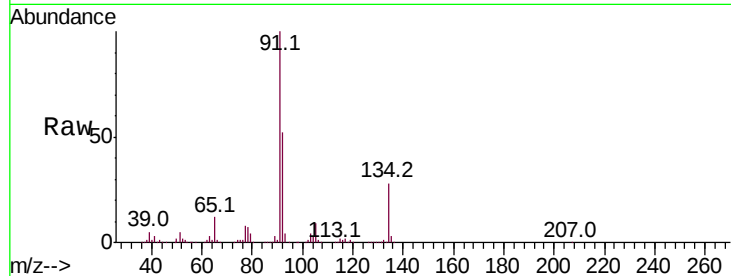




#89
n-Butylbenzene
Concen: 50.413 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

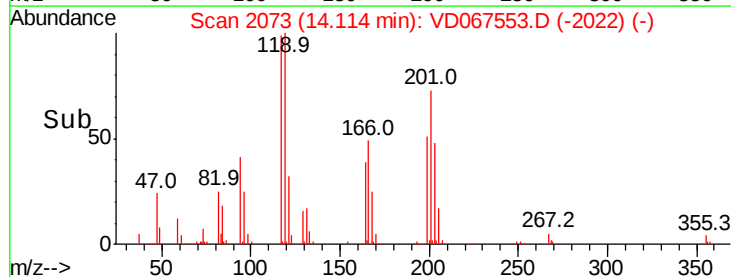
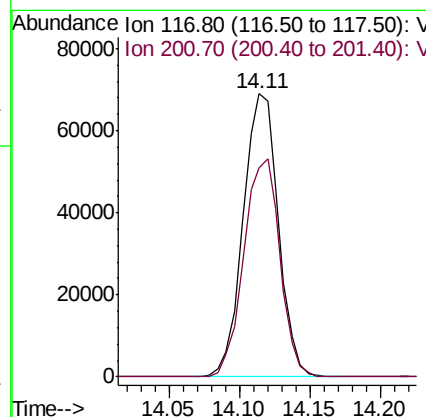
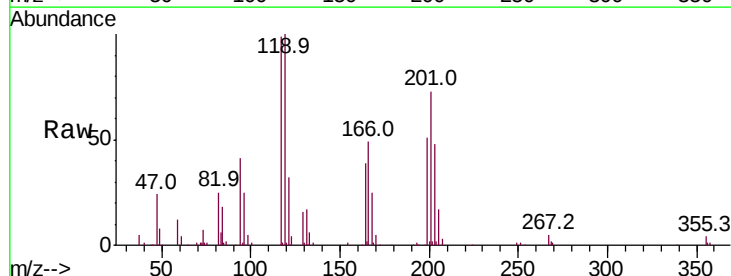
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

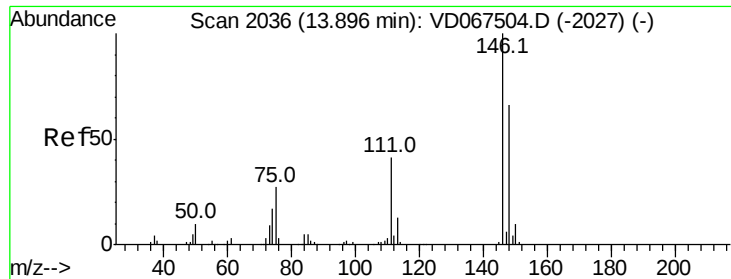
Tot Ion: 91 Resp: 566694
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.8
134 29.1 14.1 42.2



#90
Hexachloroethane
Concen: 49.011 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion: 117 Resp: 120115
Ion Ratio Lower Upper
117 100
201 79.2 40.7 122.1

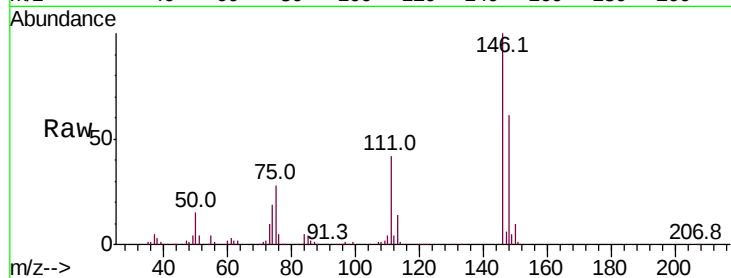




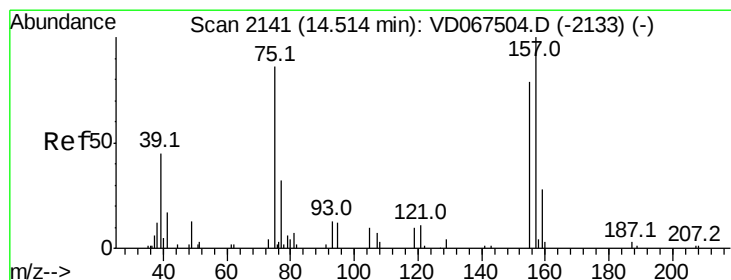
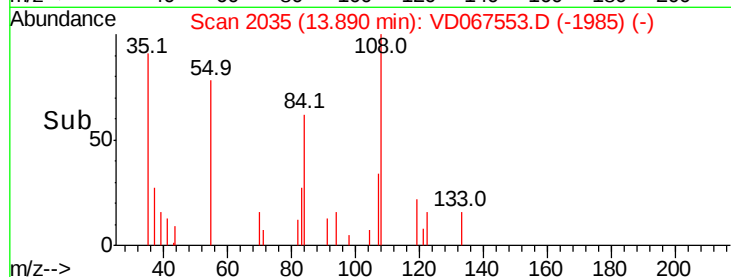
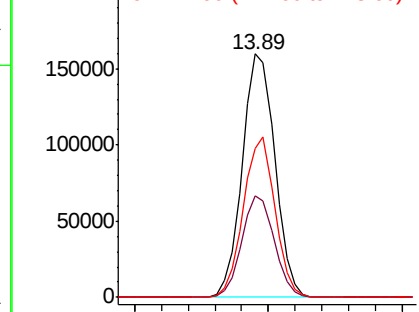
#91
1,2-Dichlorobenzene
Concen: 48.245 ug/l
RT: 13.89 min Scan# 2035
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 269807
Ion Ratio Lower Upper
146 100
111 41.6 20.7 62.1
148 63.7 31.5 94.5

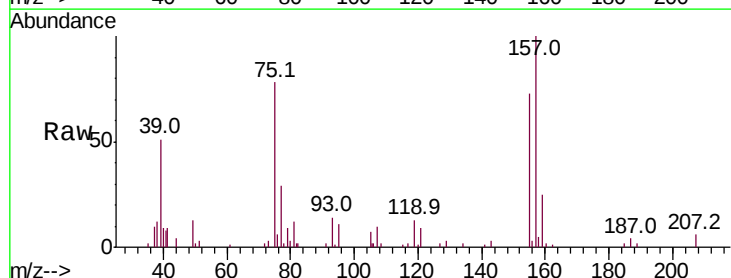


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

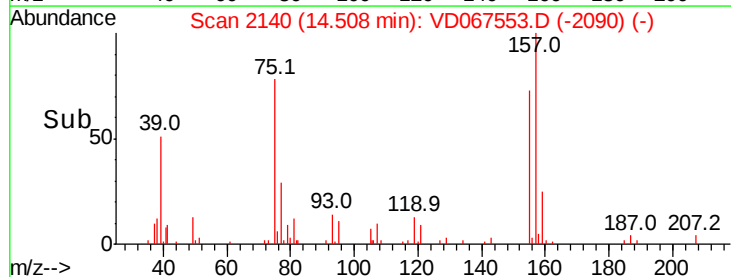
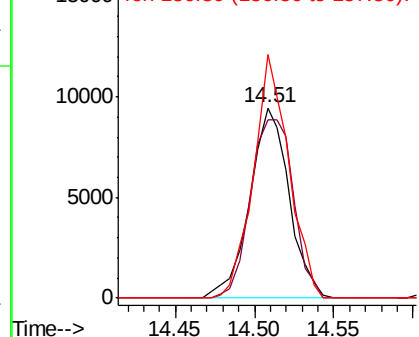


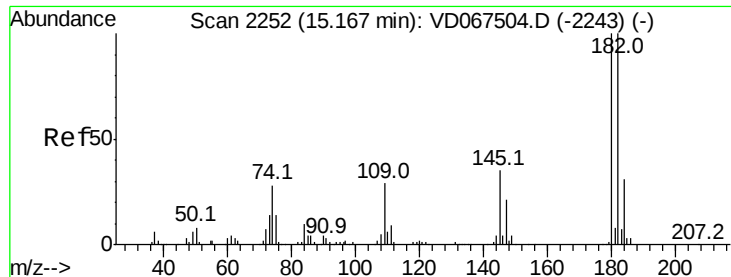
#92
1,2-Dibromo-3-Chloropropane
Concen: 49.121 ug/l
RT: 14.51 min Scan# 2140
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion: 75 Resp: 16353
Ion Ratio Lower Upper
75 100
155 102.5 46.6 139.8
157 114.6 58.1 174.2



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

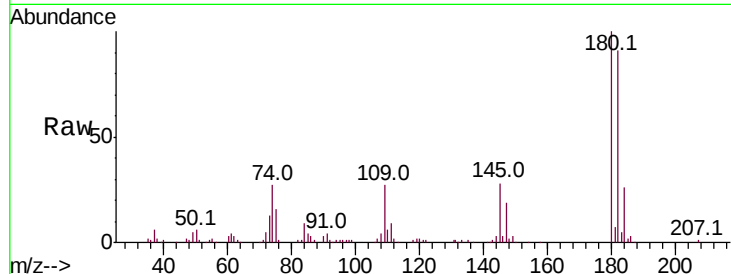




#93
 1,2,4-Trichlorobenzene
 Concen: 51.414 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.4	142.3
145	31.4	16.2	48.6

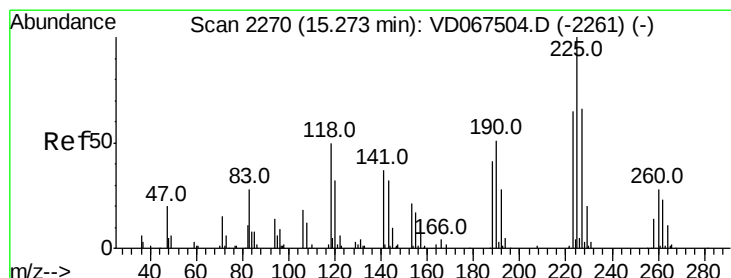
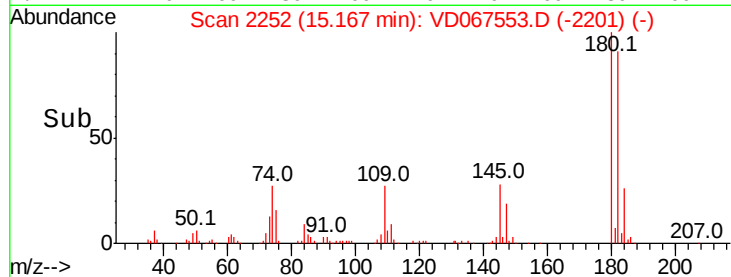
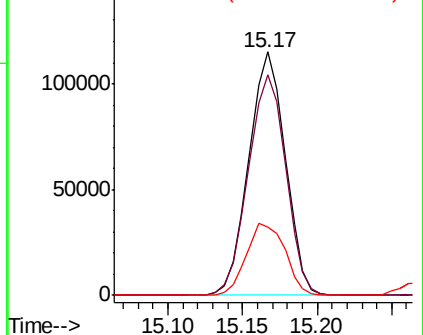


Abundance

Ion 179.80 (179.50 to 180.50): V

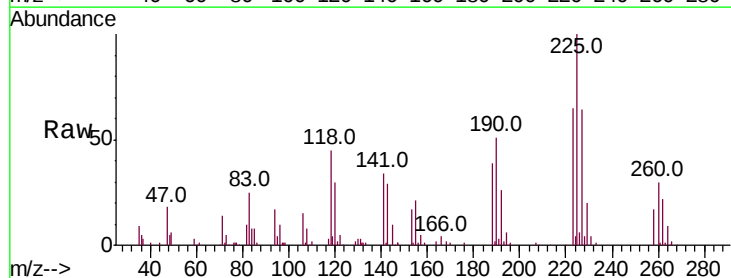
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.052 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067553.D
 Acq: 06 Nov 2020 15:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.5
227	62.4	32.5	97.4

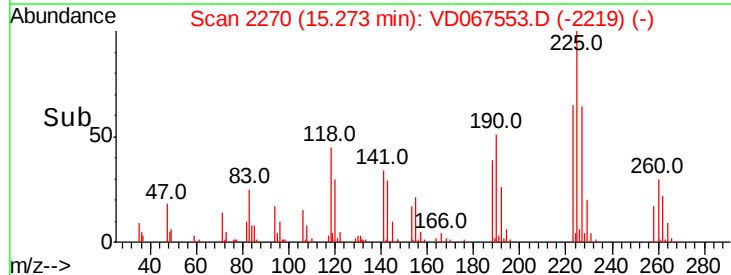
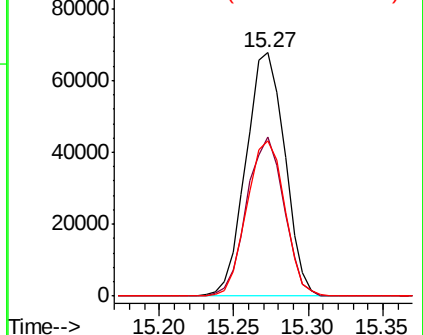


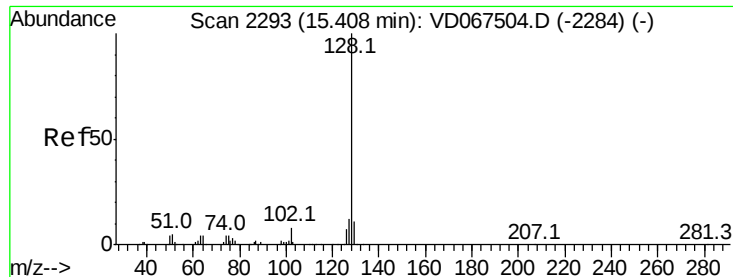
Abundance

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

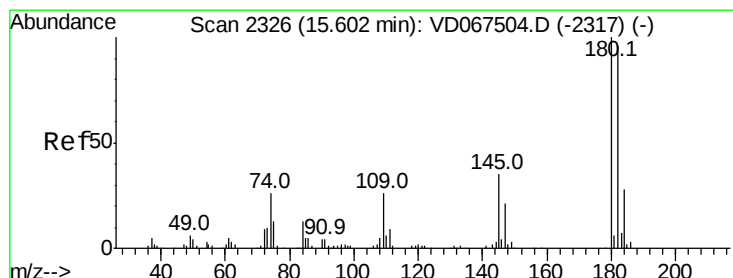
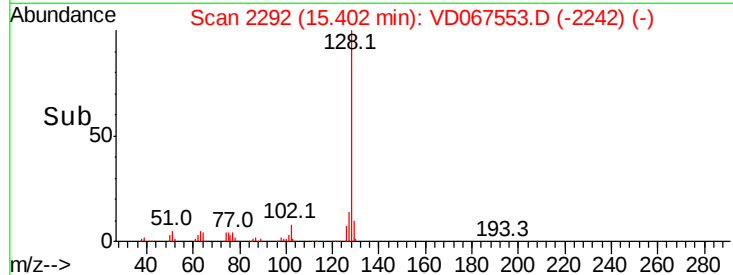
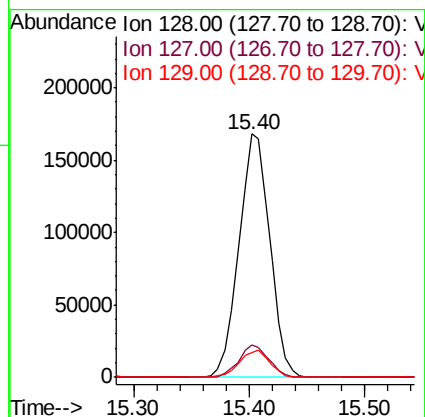
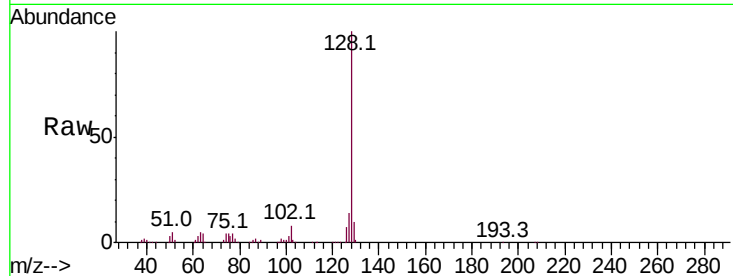




#95
Naphthalene
Concen: 53.084 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 310951
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.929 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067553.D
Acq: 06 Nov 2020 15:40

Tgt Ion:180 Resp: 162289
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.8
145 34.5 17.1 51.2

