

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067781.D
 Acq On : 25 Nov 2020 12:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 26 00:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	255496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	371157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	333497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	127551	51.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.68%
35) Dibromofluoromethane	7.91	113	119061	50.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.82%
50) Toluene-d8	10.34	98	431447	49.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.92%
62) 4-Bromofluorobenzene	12.64	95	148763	50.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	112926	50.789	ug/l	96
3) Chloromethane	2.21	50	60811	49.128	ug/l	95
4) Vinyl Chloride	2.35	62	74549	48.063	ug/l	99
5) Bromomethane	2.77	94	67361	50.973	ug/l	95
6) Chloroethane	2.93	64	49627	48.006	ug/l	100
7) Trichlorofluoromethane	3.27	101	229590	48.506	ug/l	100
8) Diethyl Ether	3.70	74	43964	46.005	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	109245	48.199	ug/l	99
10) Methyl Iodide	4.30	142	116074	50.034	ug/l	99
11) Tert butyl alcohol	5.21	59	27498	202.729	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	101208	48.257	ug/l	97
13) Acrolein	3.91	56	21400	207.829	ug/l	94
14) Allyl chloride	4.71	41	95899	47.303	ug/l	95
15) Acrylonitrile	5.43	53	76747	230.584	ug/l	94
16) Acetone	4.15	43	83386	259.826	ug/l	90
17) Carbon Disulfide	4.41	76	289282	47.690	ug/l	99
18) Methyl Acetate	4.71	43	27394	42.428	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	213884	47.718	ug/l	100
20) Methylene Chloride	4.97	84	108688	43.858	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	114671	48.093	ug/l	91
22) Diisopropyl ether	6.36	45	196412	49.080	ug/l	95
23) Vinyl Acetate	6.30	43	566793	251.082	ug/l	96
24) 1,1-Dichloroethane	6.27	63	167158	49.268	ug/l	98
25) 2-Butanone	7.21	43	84770	235.387	ug/l	99
26) 2,2-Dichloropropane	7.20	77	192936	48.202	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	123298	48.514	ug/l	99
28) Bromochloromethane	7.55	49	55537	51.101	ug/l	100
29) Tetrahydrofuran	7.56	42	48166	235.236	ug/l	95
30) Chloroform	7.71	83	217034	48.918	ug/l	94
31) Cyclohexane	7.99	56	136107	45.281	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	229098	48.757	ug/l	100
36) 1,1-Dichloropropene	8.11	75	152120	47.762	ug/l	99
37) Ethyl Acetate	7.29	43	34057	39.767	ug/l	96
38) Carbon Tetrachloride	8.10	117	229988	49.816	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	185991	49.346	ug/l	96
40) Benzene	8.36	78	426479	48.755	ug/l	98
41) Methacrylonitrile	7.55	41	54785	125.276	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	145142	48.902	ug/l	100
43) Isopropyl Acetate	8.46	43	76485	44.721	ug/l #	79
44) Trichloroethene	9.11	130	139836	48.234	ug/l	99
45) 1,2-Dichloropropane	9.39	63	85244	47.493	ug/l	93
46) Dibromomethane	9.48	93	59479	48.675	ug/l	97
47) Bromodichloromethane	9.67	83	170224	50.025	ug/l	98
48) Methyl methacrylate	9.46	41	38491	45.017	ug/l	96
49) 1,4-Dioxane	9.47	88	12092	913.105	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	186045	231.177	ug/l	98
52) Toluene	10.41	92	294443	49.619	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	141353	47.548	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	162369	48.261	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	77661	47.366	ug/l	99
56) Ethyl methacrylate	10.66	69	80006	47.132	ug/l	98
57) 1,3-Dichloropropane	10.95	76	122562	47.410	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	206734	260.649	ug/l	100
59) 2-Hexanone	10.98	43	135222	237.986	ug/l	99
60) Dibromochloromethane	11.14	129	121511	48.634	ug/l	99
61) 1,2-Dibromoethane	11.25	107	77205	47.790	ug/l	97
64) Tetrachloroethene	10.88	164	124938	48.268	ug/l	91
65) Chlorobenzene	11.67	112	326772	49.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	133494	50.349	ug/l	98
67) Ethyl Benzene	11.75	91	570387	50.407	ug/l	99
68) m/p-Xylenes	11.86	106	443452	100.705	ug/l	99
69) o-Xylene	12.18	106	203068	50.649	ug/l	100
70) Styrene	12.20	104	351210	51.428	ug/l	98
71) Bromoform	12.36	173	67736	47.061	ug/l #	97
73) Isopropylbenzene	12.48	105	573653	51.084	ug/l	100
74) N-amyl acetate	12.29	43	67346	45.477	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	71189	47.237	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	105034	88.300	ug/l #	100
77) Bromobenzene	12.77	156	139661	49.683	ug/l	99
78) n-propylbenzene	12.82	91	636355	50.935	ug/l	99
79) 2-Chlorotoluene	12.91	91	368163	49.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	499736	51.165	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	24164	47.514	ug/l	94
82) 4-Chlorotoluene	13.01	91	398917	50.613	ug/l	100
83) tert-Butylbenzene	13.23	119	419210	49.948	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	489393	50.159	ug/l	100
85) sec-Butylbenzene	13.40	105	556922	50.510	ug/l	98
86) p-Isopropyltoluene	13.52	119	547016	51.221	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	263058	48.353	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	260462	48.331	ug/l	99
89) n-Butylbenzene	13.84	91	463332	50.628	ug/l	100
90) Hexachloroethane	14.11	117	98158	48.282	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	226564	48.343	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14133	43.497	ug/l	86

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QLast Update : Tue Nov 24 00:51:35 2020
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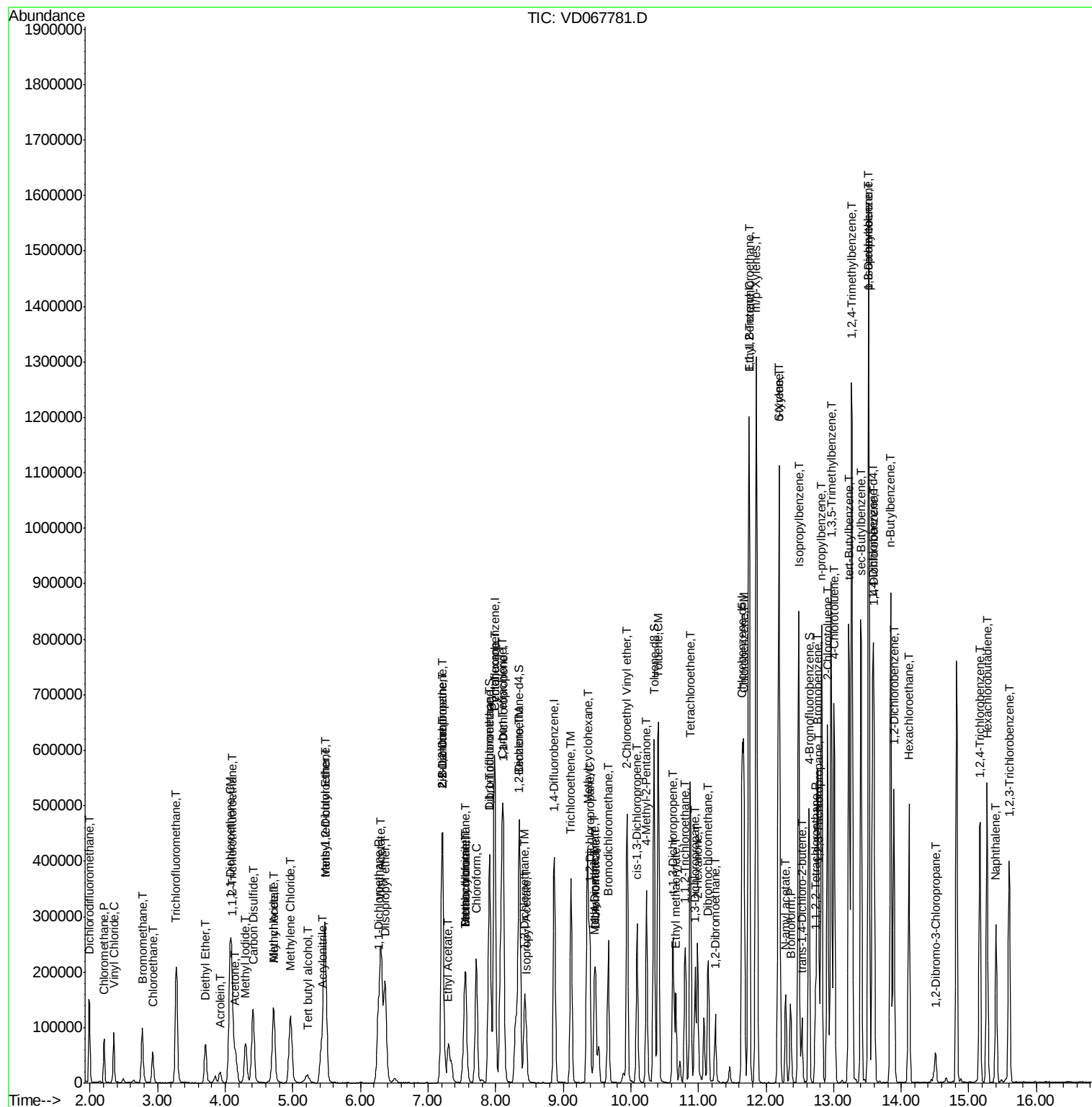
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	159412	48.040	ug/l	98
94) Hexachlorobutadiene	15.27	225	107463	50.686	ug/l	98
95) Naphthalene	15.40	128	259848	48.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	137468	48.634	ug/l	100

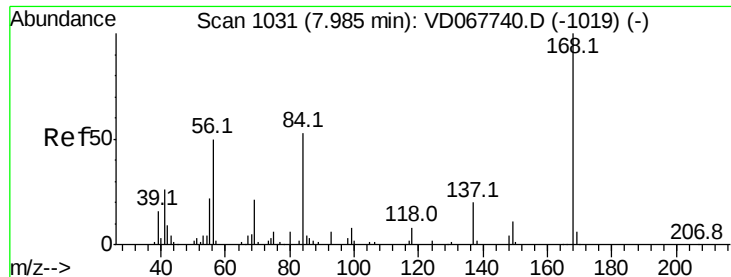
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112520\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

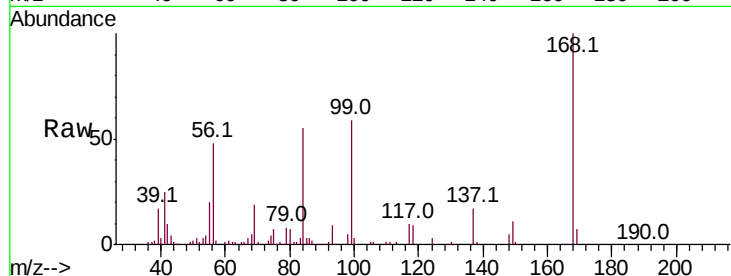
VSTDCCC050

Tot Ion:168 Resp: 255496

Ion Ratio Lower Upper

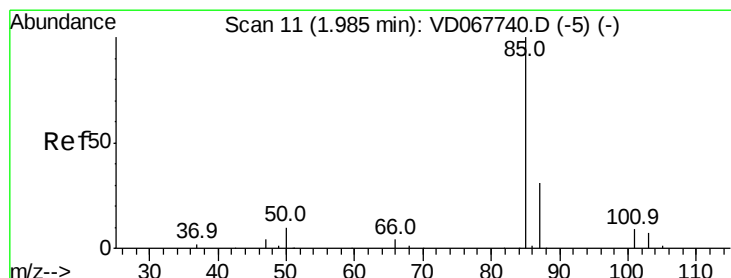
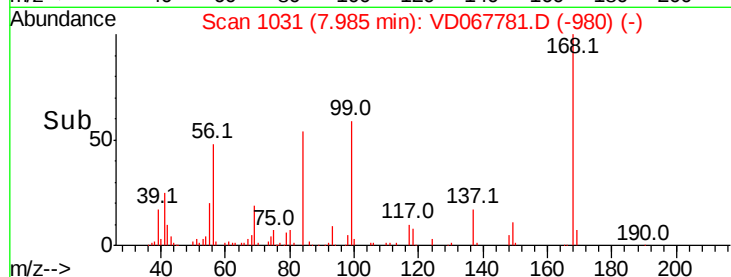
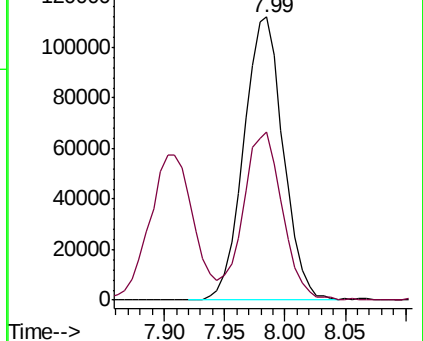
168 100

99 58.9 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 50.789 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067781.D

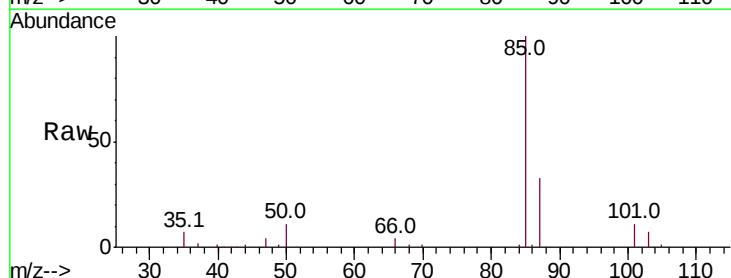
Acq: 25 Nov 2020 12:21

Tgt Ion: 85 Resp: 112926

Ion Ratio Lower Upper

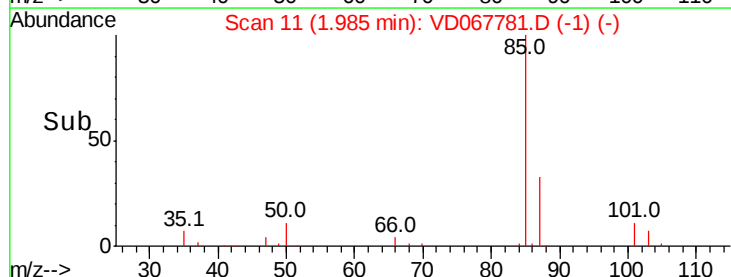
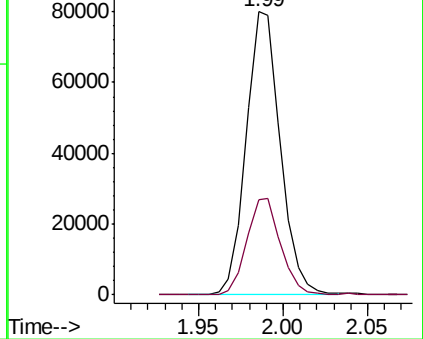
85 100

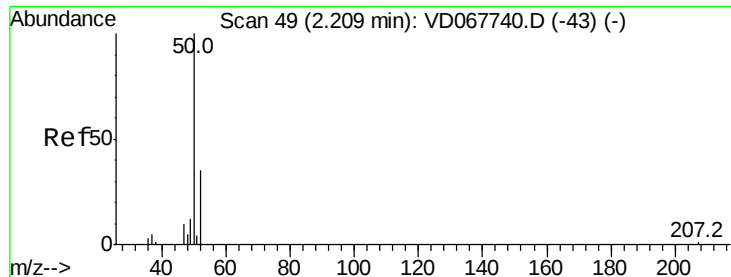
87 33.5 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

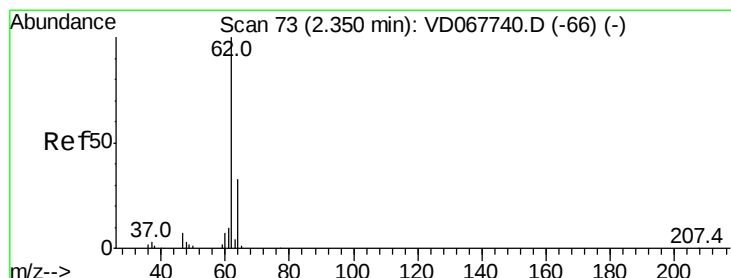
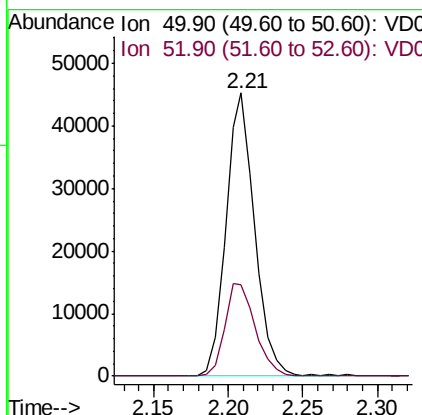
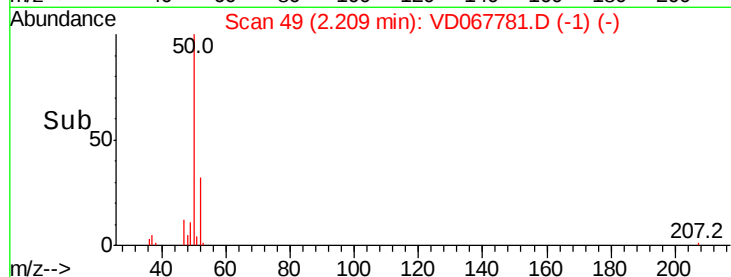
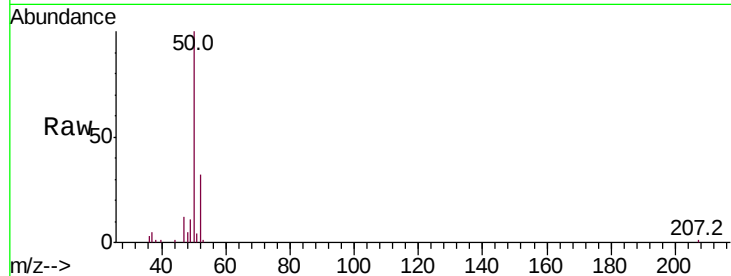




#3
Chloromethane
Concen: 49.128 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

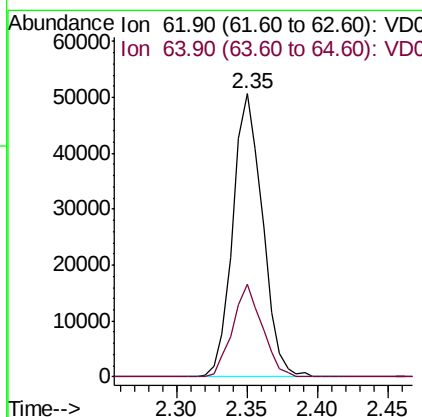
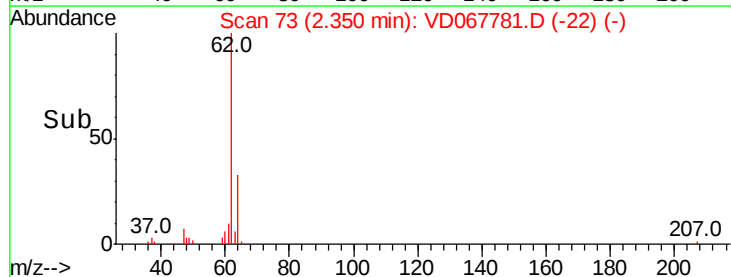
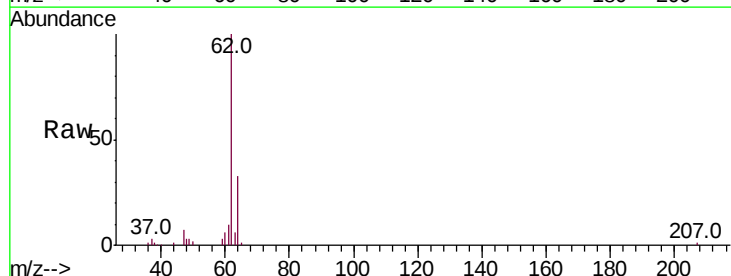
Instrument :
MSVOA_D
ClientSampleId :
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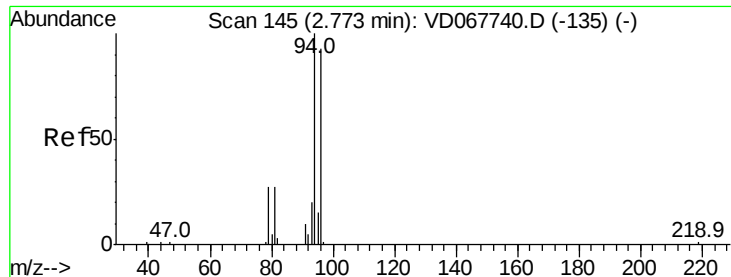
Tot Ion: 50 Resp: 60811
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.8



#4
Vinyl Chloride
Concen: 48.063 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion: 62 Resp: 74549
Ion Ratio Lower Upper
62 100
64 32.6 26.6 40.0





#5

Bromomethane

Concen: 50.973 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

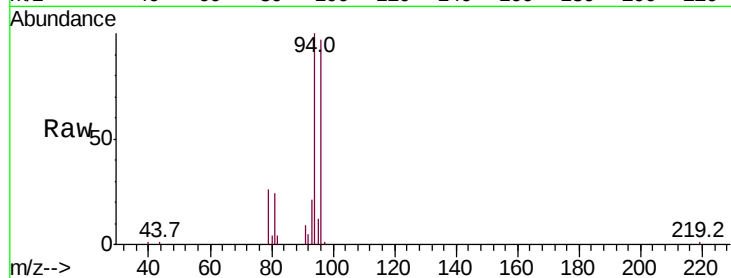
VSTDCCC050

Tot Ion: 94 Resp: 67361

Ion Ratio Lower Upper

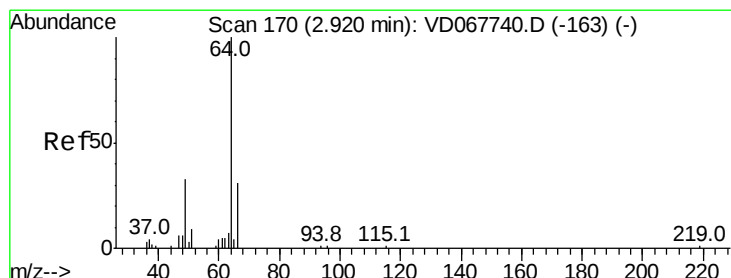
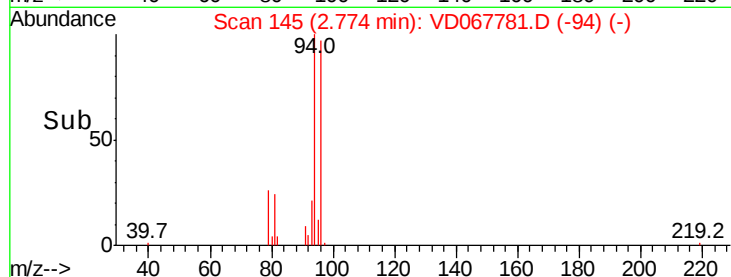
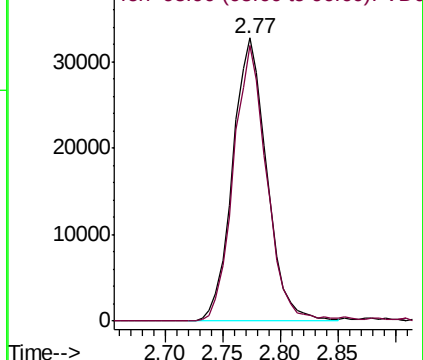
94 100

96 97.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.006 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067781.D

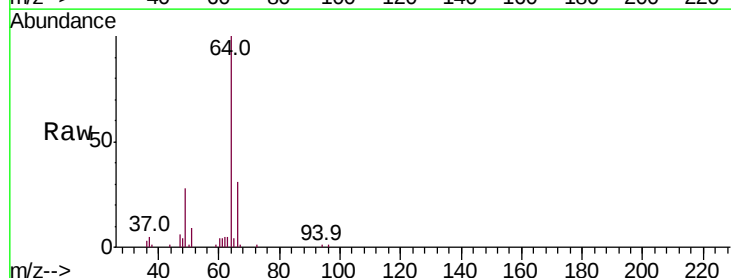
Acq: 25 Nov 2020 12:21

Tgt Ion: 64 Resp: 49627

Ion Ratio Lower Upper

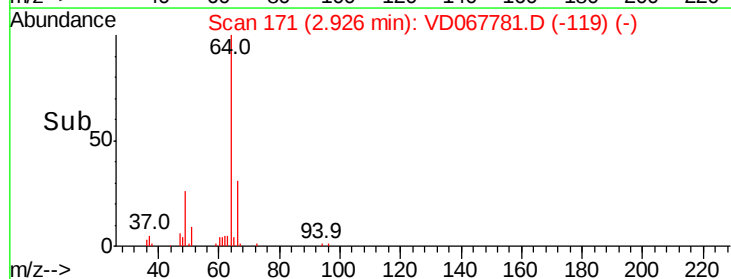
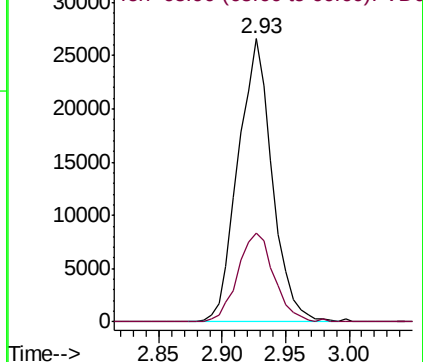
64 100

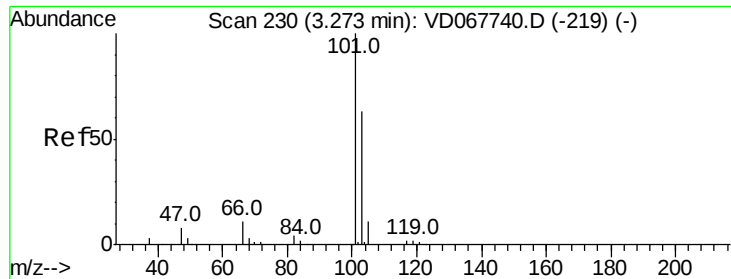
66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



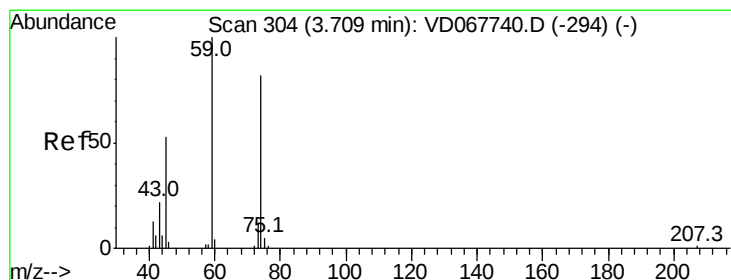
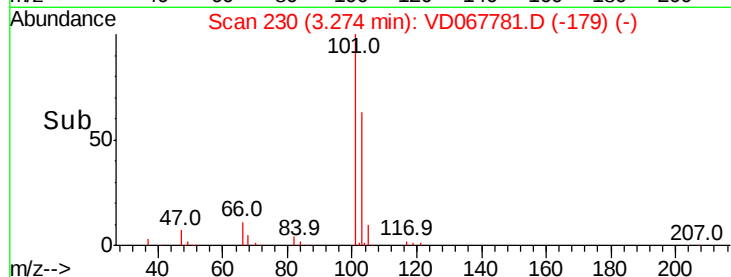
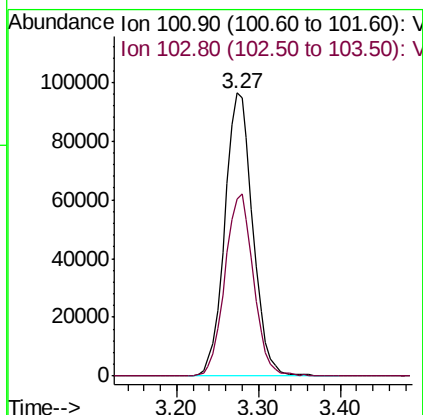
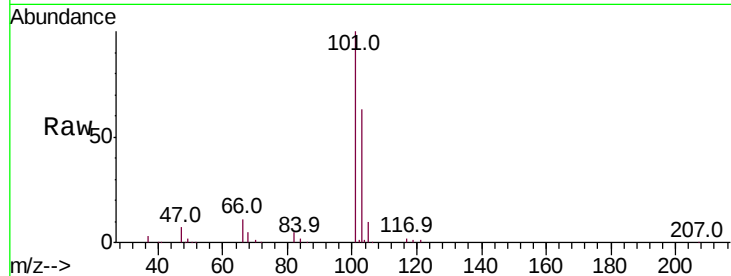


#7

Trichlorofluoromethane
 Concen: 48.506 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

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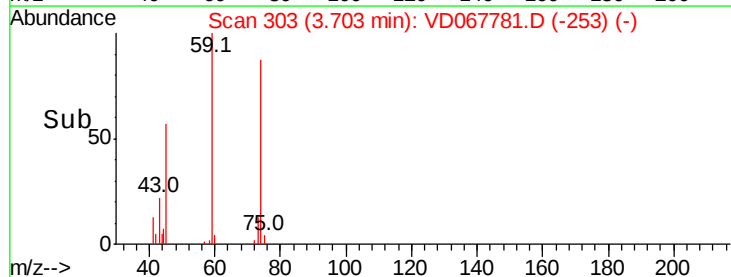
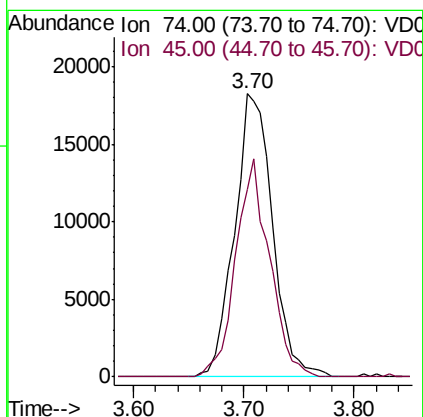
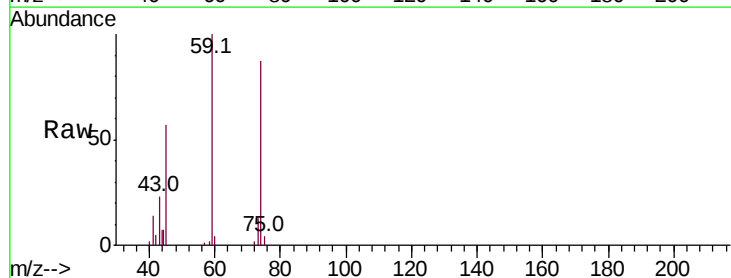
Tot Ion:101 Resp: 229590
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.3 75.5

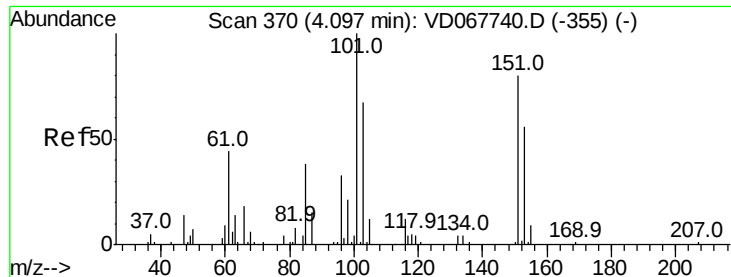


#8

Diethyl Ether
 Concen: 46.005 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Tgt Ion: 74 Resp: 43964
 Ion Ratio Lower Upper
 74 100
 45 68.8 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.199 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

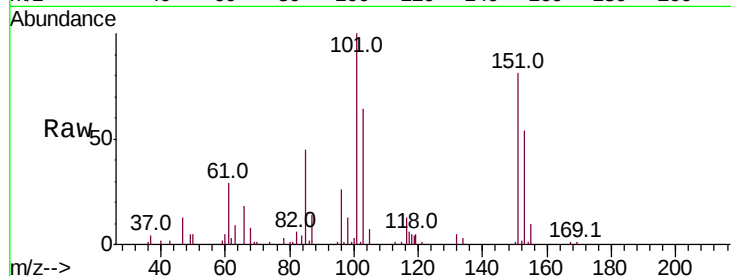
Tot Ion:101 Resp: 109245

Ion Ratio Lower Upper

101 100

85 43.3 35.5 53.3

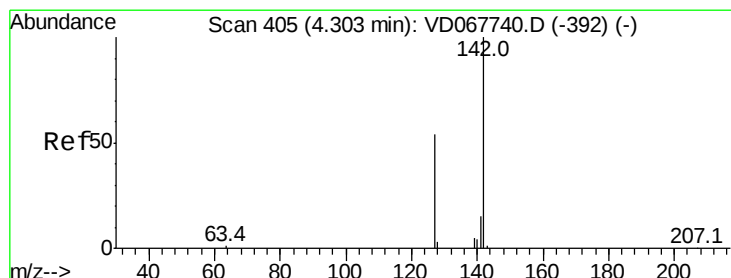
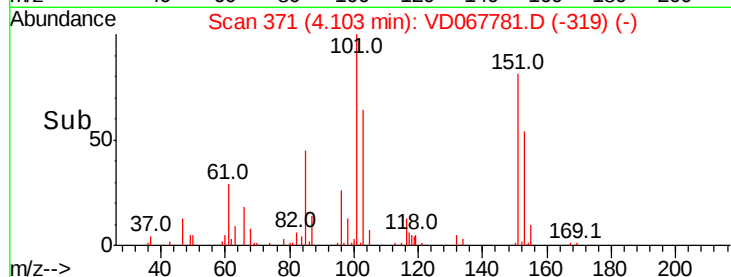
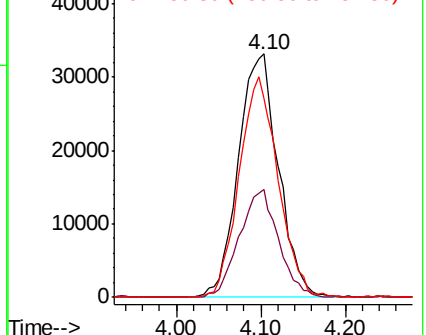
151 87.6 69.4 104.0



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: 50.034 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

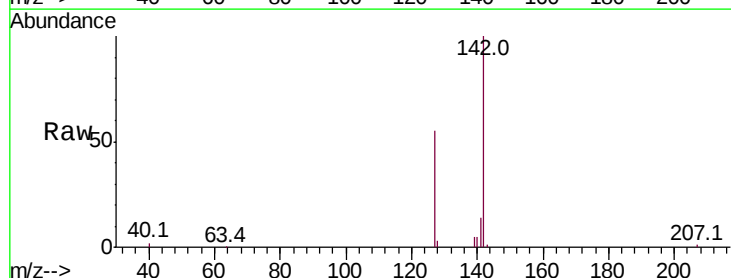
Tgt Ion:142 Resp: 116074

Ion Ratio Lower Upper

142 100

127 51.6 42.2 63.2

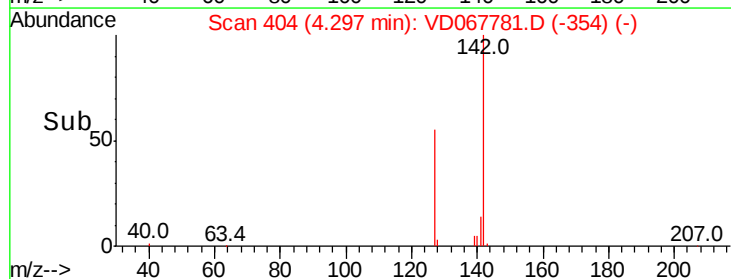
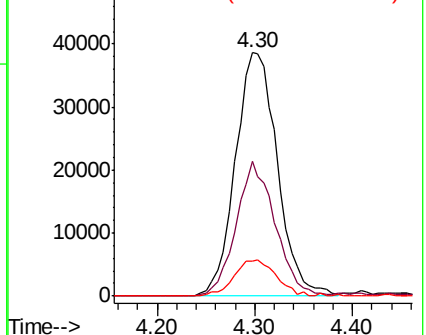
141 14.8 11.8 17.6

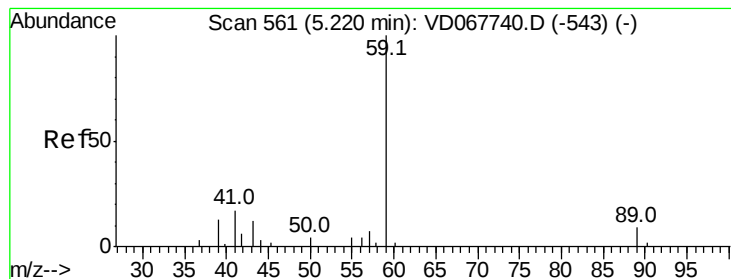


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



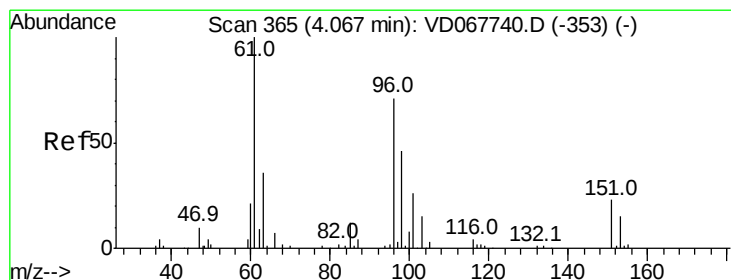
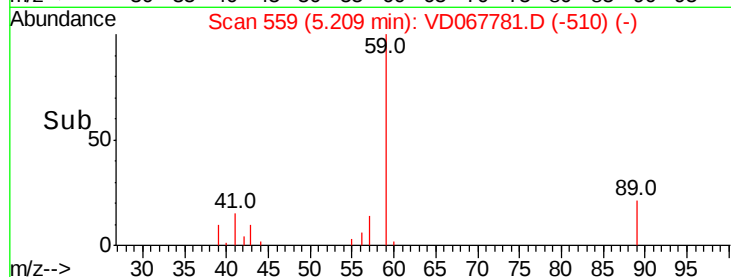
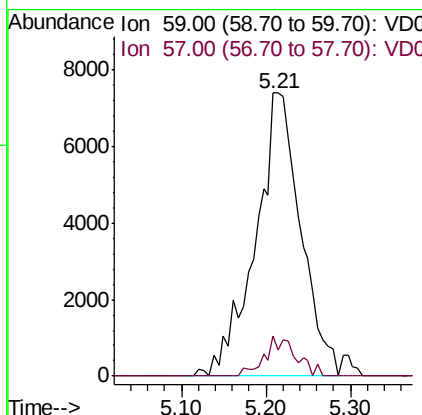
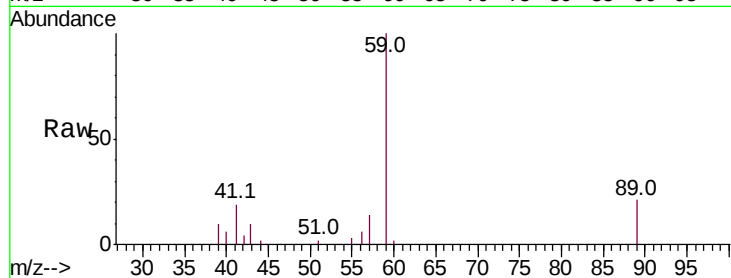


#11

Tert butyl alcohol
 Concen: 202.729 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

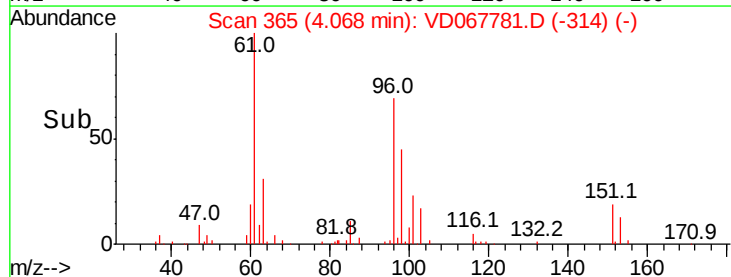
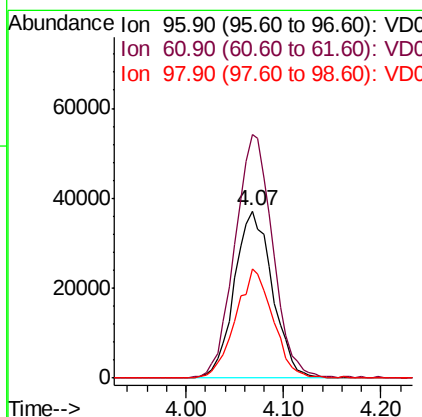
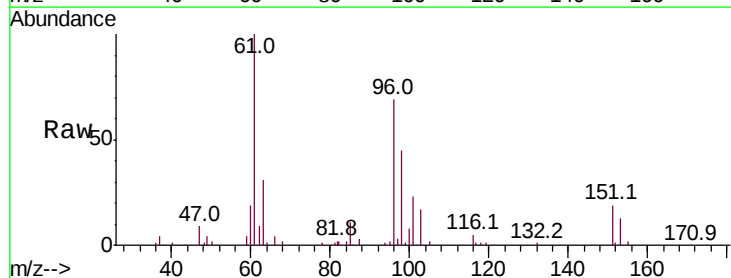
Tot Ion: 59 Resp: 27498
 Ion Ratio Lower Upper
 59 100
 57 9.7 3.4 5.0#

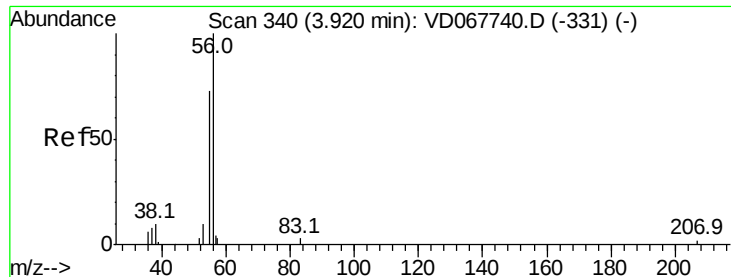


#12

1,1-Dichloroethene
 Concen: 48.257 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Tgt Ion: 96 Resp: 101208
 Ion Ratio Lower Upper
 96 100
 61 145.8 112.9 169.3
 98 65.4 52.4 78.6





#13

Acrolein

Concen: 207.829 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

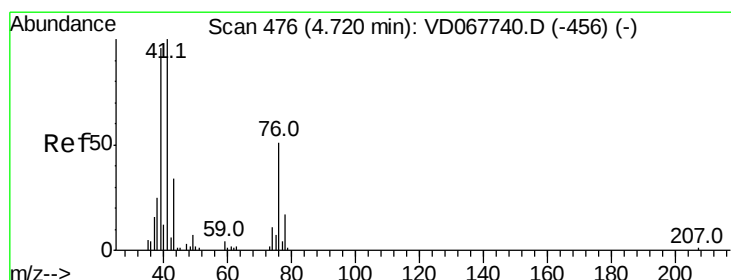
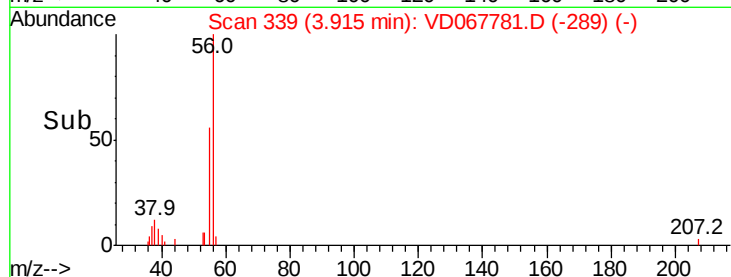
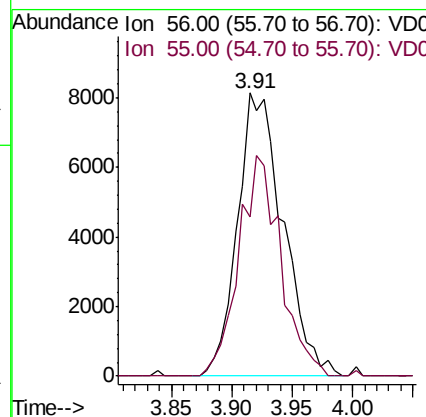
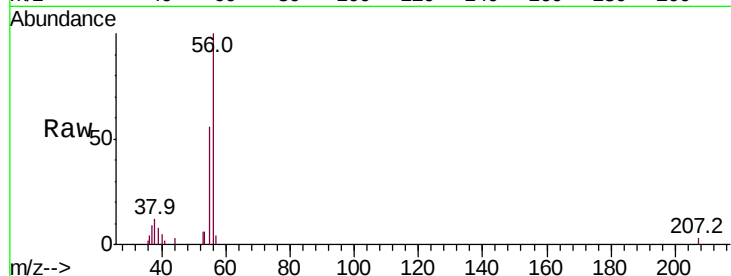
VSTDCCC050

Tot Ion: 56 Resp: 21400

Ion Ratio Lower Upper

56 100

55 71.2 61.2 91.8



#14

Allyl chloride

Concen: 47.303 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

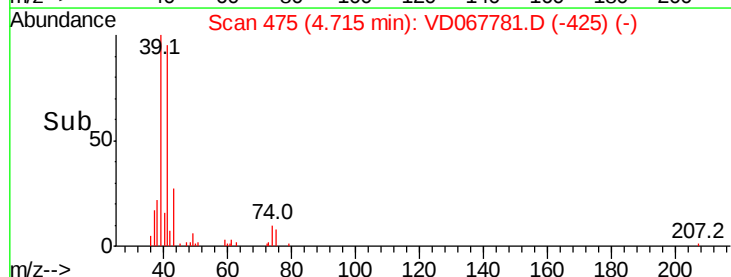
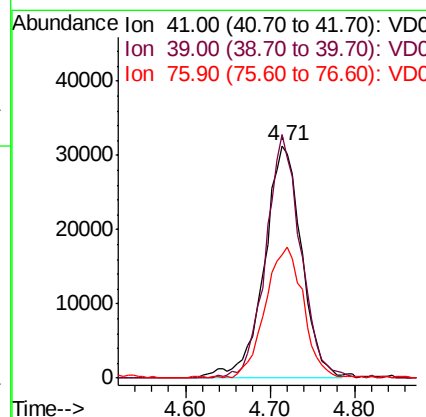
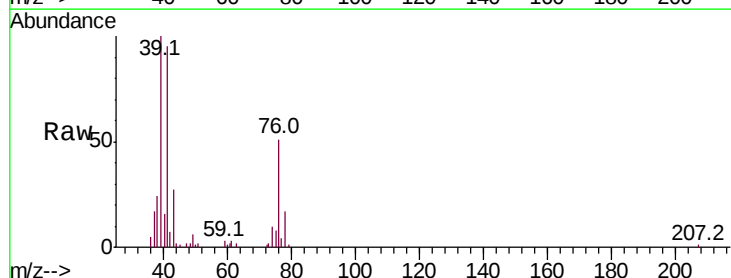
Tgt Ion: 41 Resp: 95899

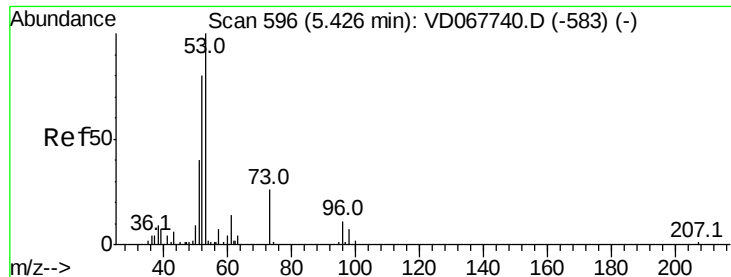
Ion Ratio Lower Upper

41 100

39 97.9 74.6 111.8

76 57.3 43.3 64.9





#15

Acrylonitrile

Concen: 230.584 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

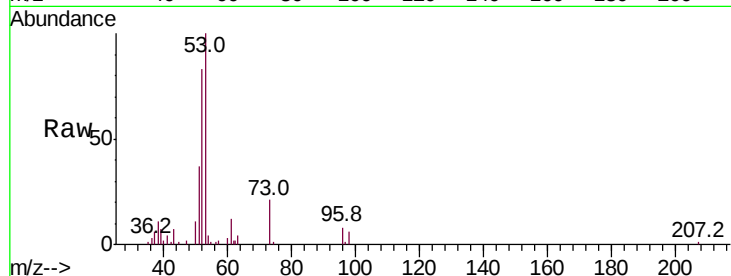
Tot Ion: 53 Resp: 76747

Ion Ratio Lower Upper

53 100

52 86.4 63.4 95.2

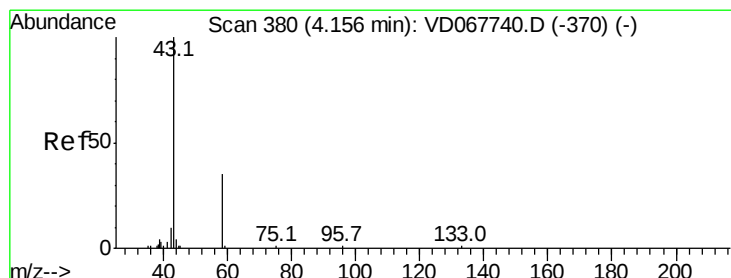
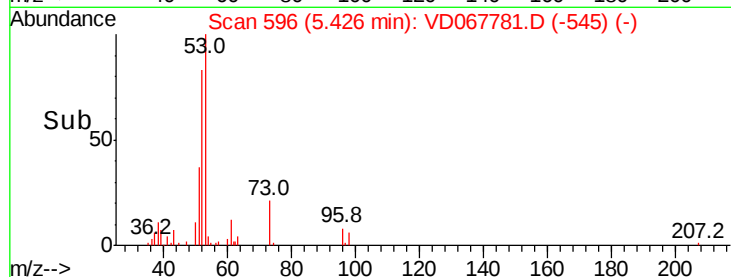
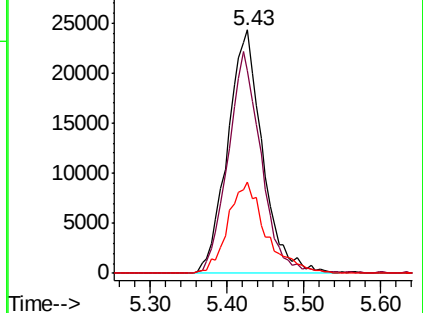
51 40.6 31.4 47.2



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: 259.826 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067781.D

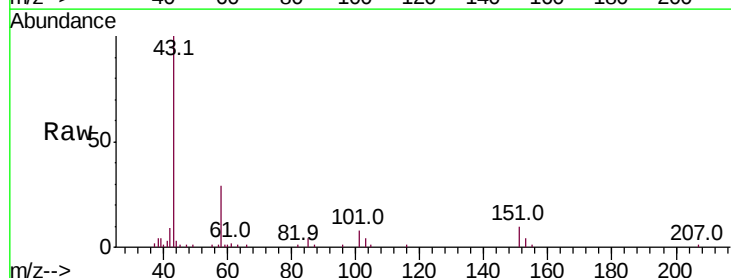
Acq: 25 Nov 2020 12:21

Tgt Ion: 43 Resp: 83386

Ion Ratio Lower Upper

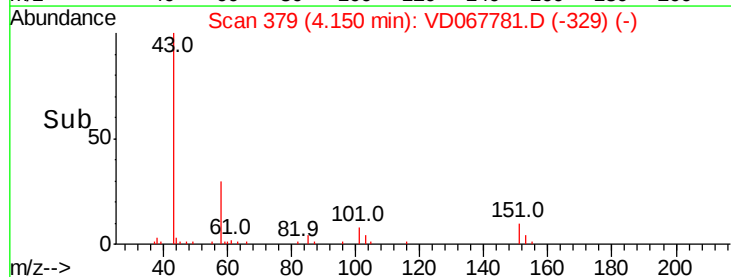
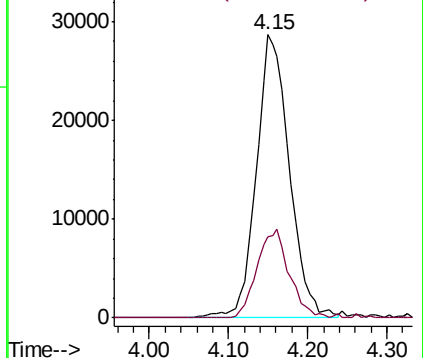
43 100

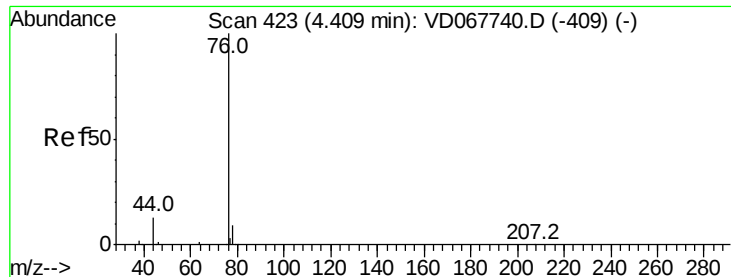
58 28.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 47.690 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

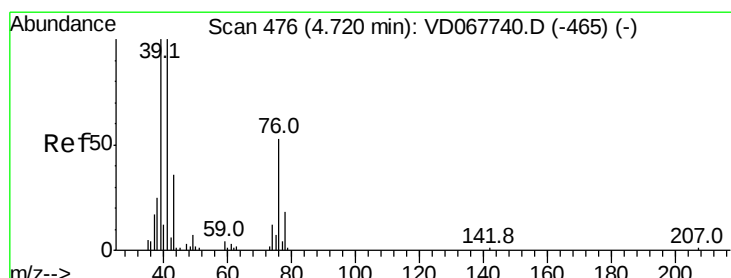
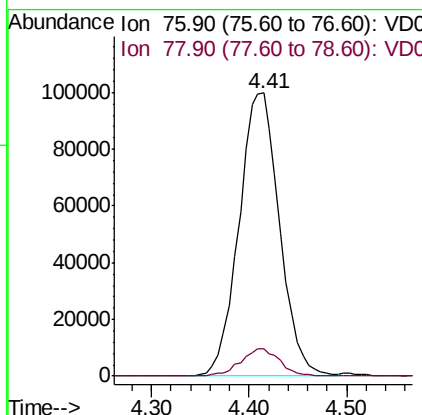
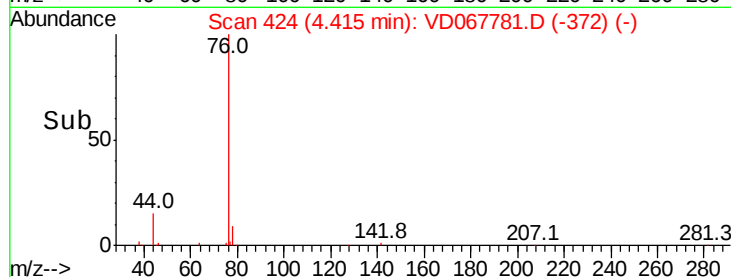
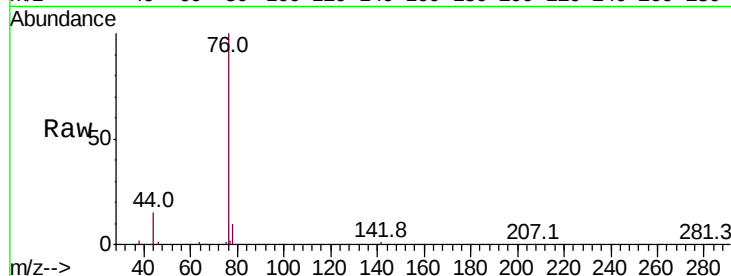
Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 289282

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.5	11.3



#18

Methyl Acetate

Concen: 42.428 ug/l

RT: 4.71 min Scan# 475

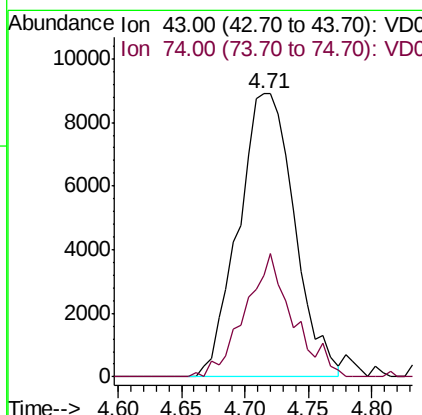
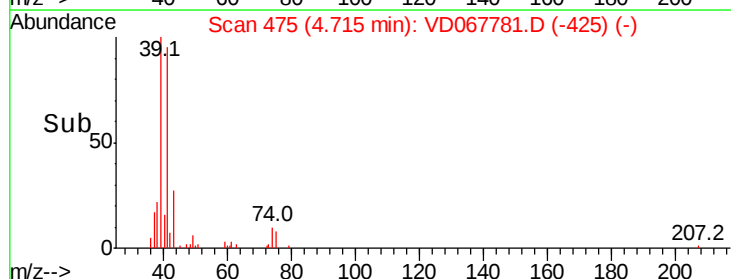
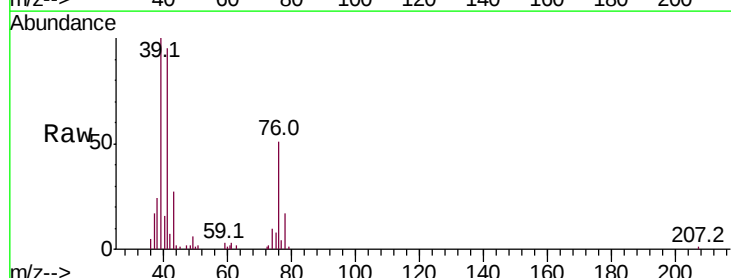
Delta R.T. -0.01 min

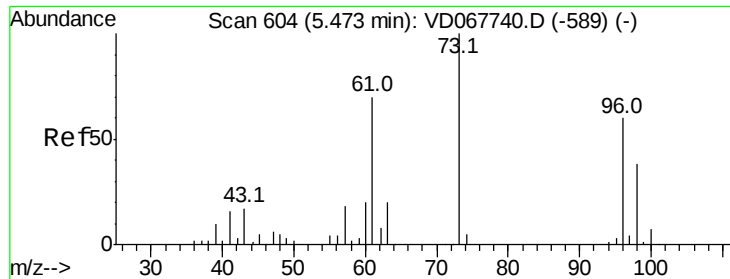
Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Tgt Ion: 43 Resp: 27394

Ion	Ratio	Lower	Upper
43	100		
74	37.1	29.7	44.5

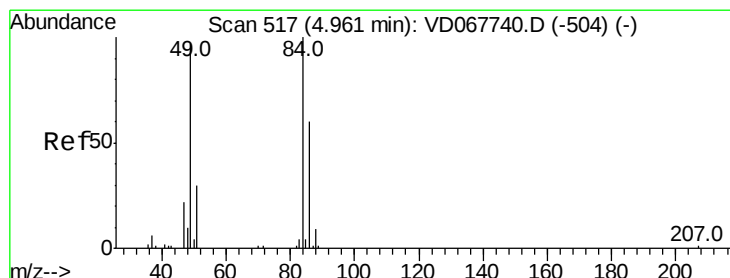
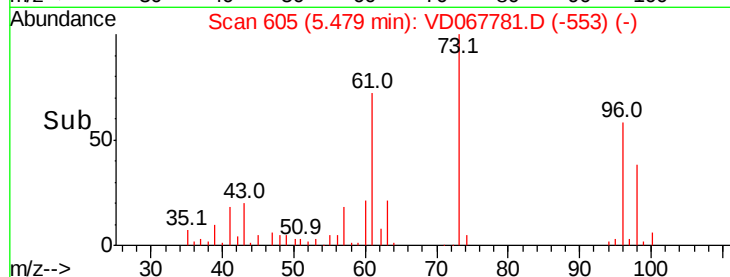
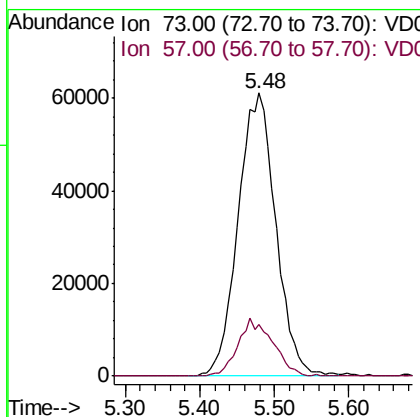
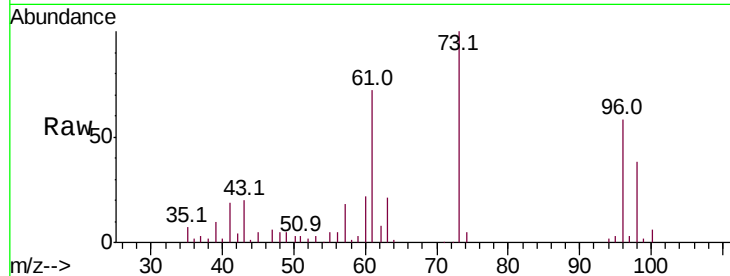




#19
Methvl tert-butvl Ether
Concen: 47.718 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

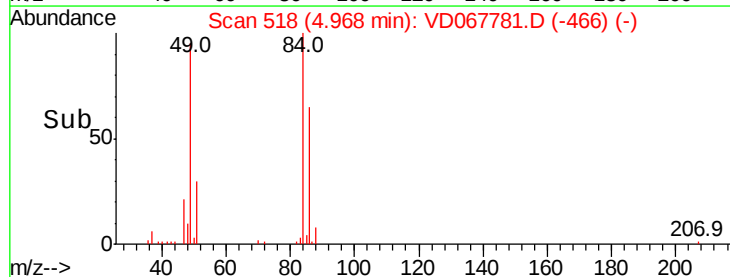
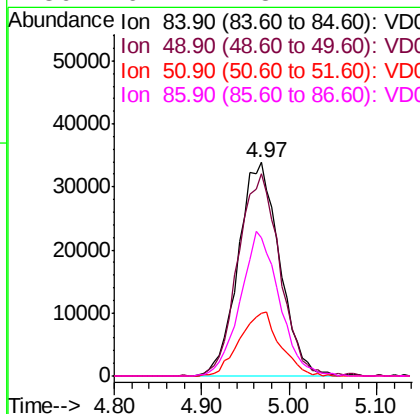
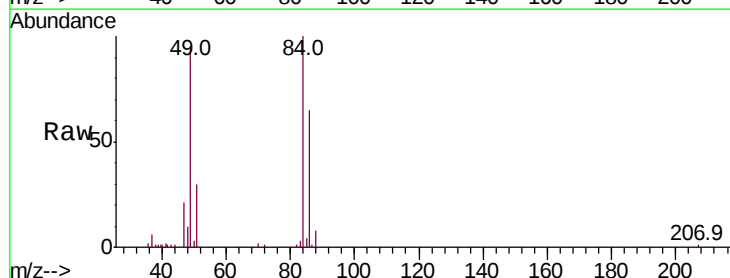
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

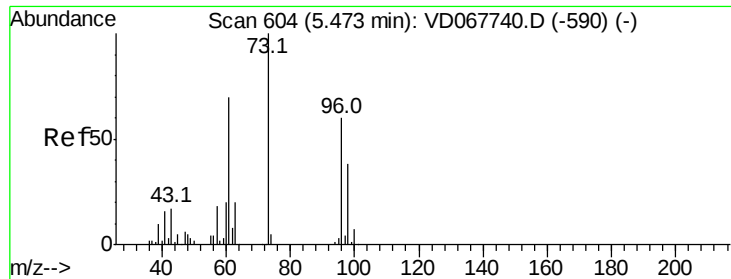
Tot Ion: 73 Resp: 213884
Ion Ratio Lower Upper
73 100
57 18.5 14.8 22.2



#20
Methylene Chloride
Concen: 43.858 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion: 84 Resp: 108688
Ion Ratio Lower Upper
84 100
49 94.9 77.4 116.2
51 29.7 24.1 36.1
86 64.7 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 48.093 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

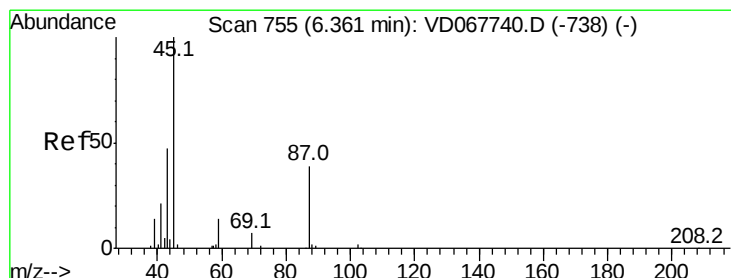
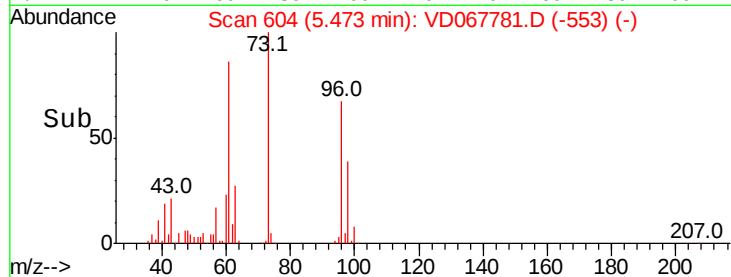
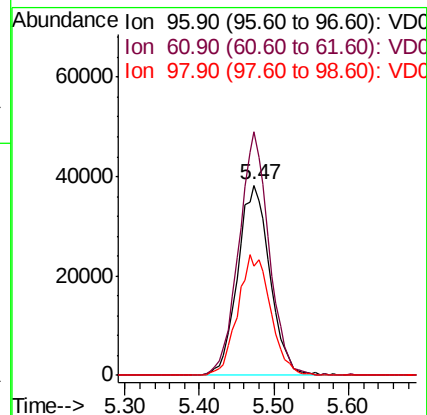
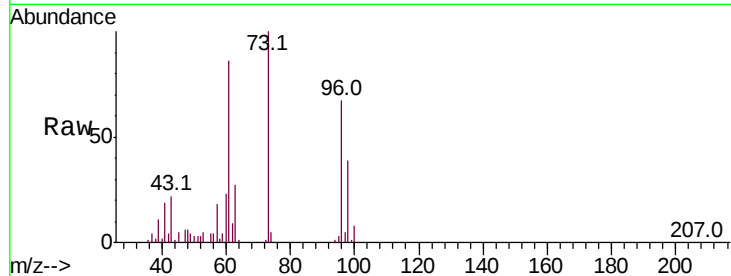
Tot Ion: 96 Resp: 114671

Ion Ratio Lower Upper

96 100

61 128.1 94.0 141.0

98 57.7 51.3 76.9



#22

Diisopropyl ether

Concen: 49.080 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Tgt Ion: 45 Resp: 196412

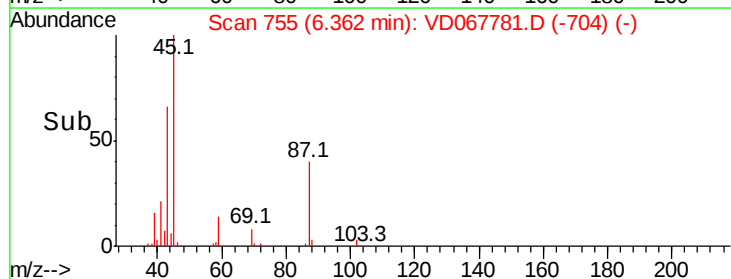
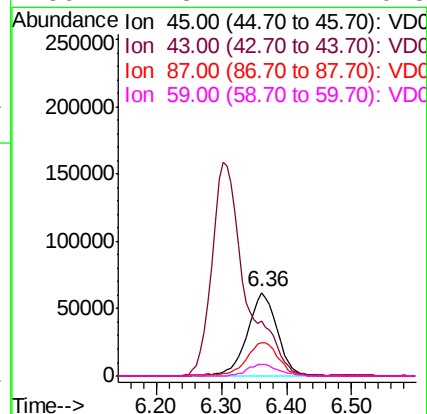
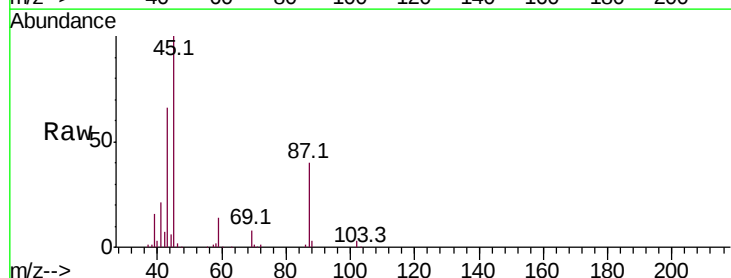
Ion Ratio Lower Upper

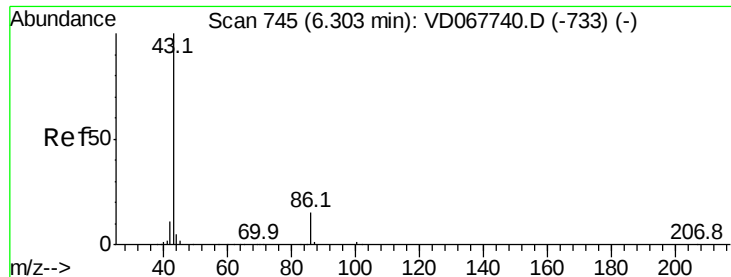
45 100

43 64.3 46.8 70.2

87 40.1 32.9 49.3

59 14.3 11.2 16.8





#23

Vinyl Acetate

Concen: 251.082 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

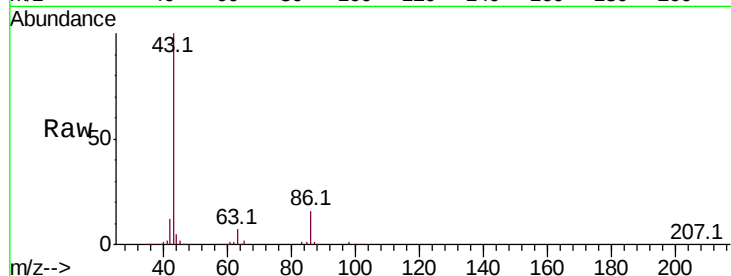
VSTDCCC050

Tot Ion: 43 Resp: 566793

Ion Ratio Lower Upper

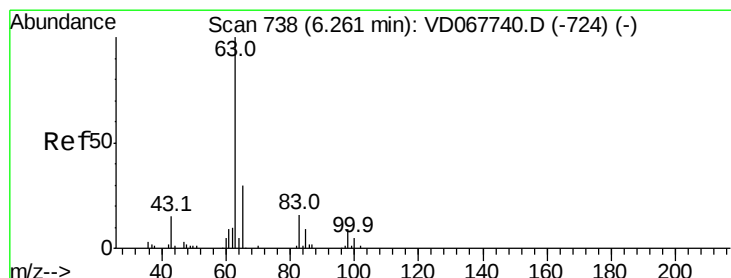
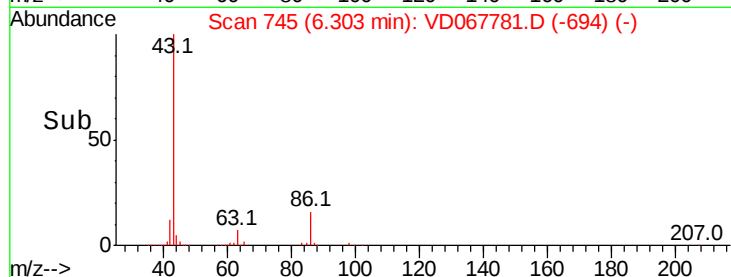
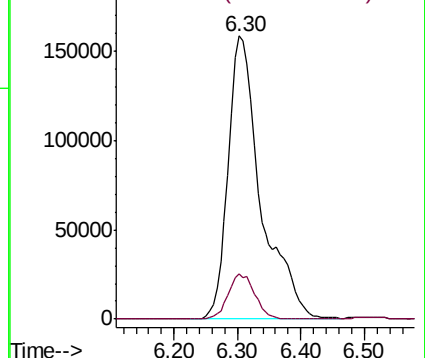
43 100

86 16.2 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.268 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

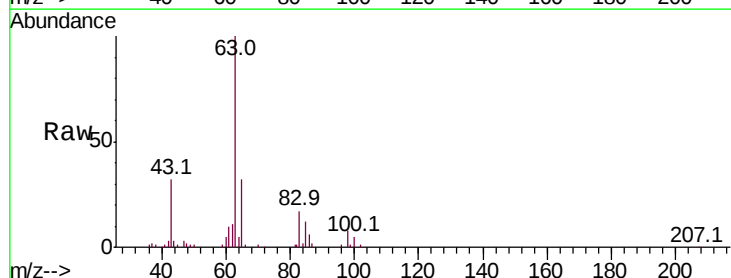
Tgt Ion: 63 Resp: 167158

Ion Ratio Lower Upper

63 100

98 7.8 4.4 13.2

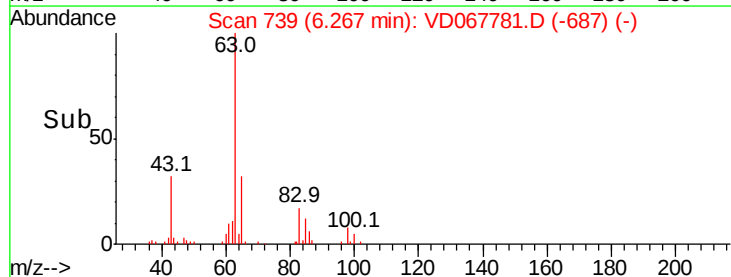
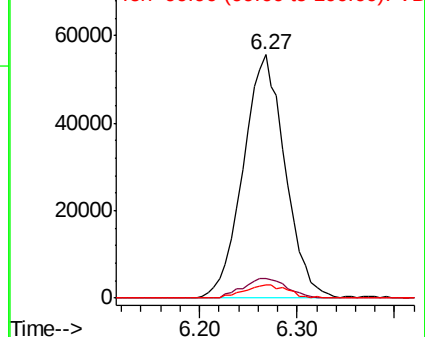
100 5.3 2.6 8.0

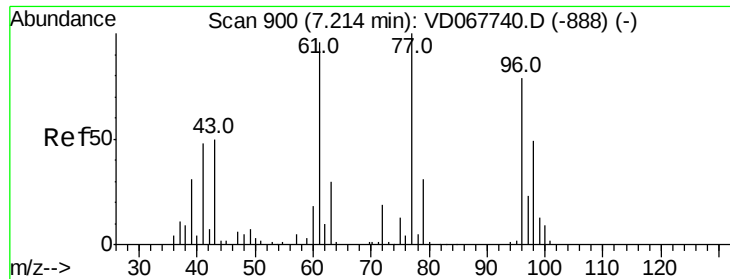


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 235.387 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

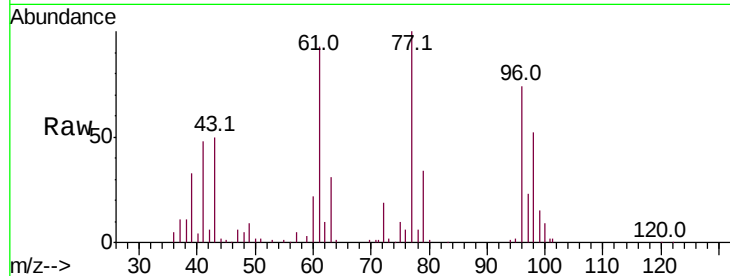
VSTDCCC050

Tot Ion: 43 Resp: 84770

Ion Ratio Lower Upper

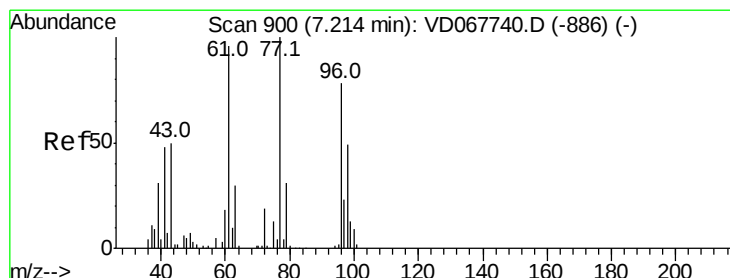
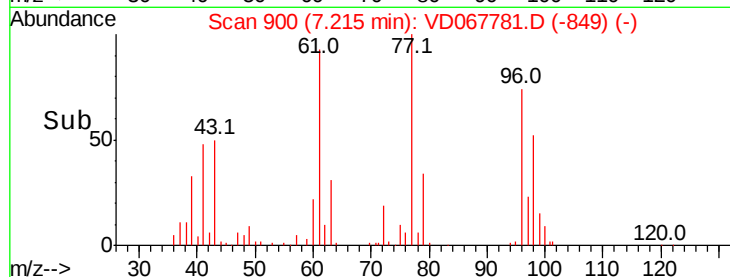
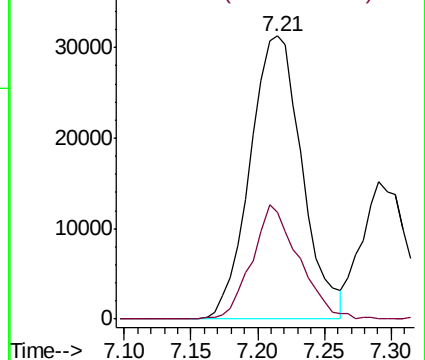
43 100

72 37.7 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.202 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067781.D

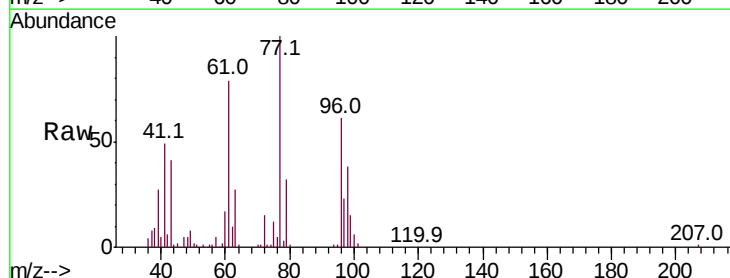
Acq: 25 Nov 2020 12:21

Tgt Ion: 77 Resp: 192936

Ion Ratio Lower Upper

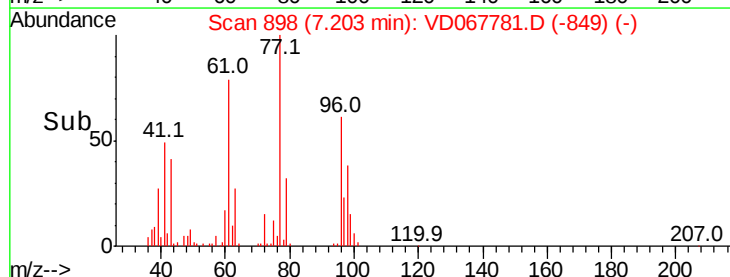
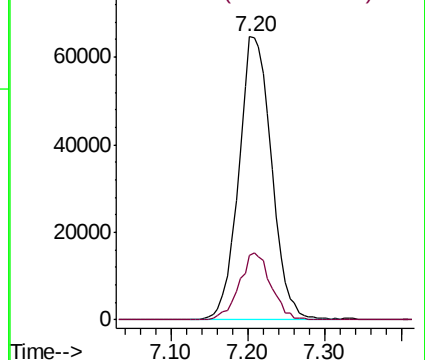
77 100

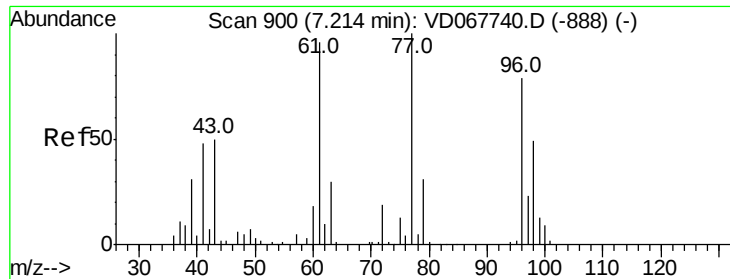
97 22.8 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



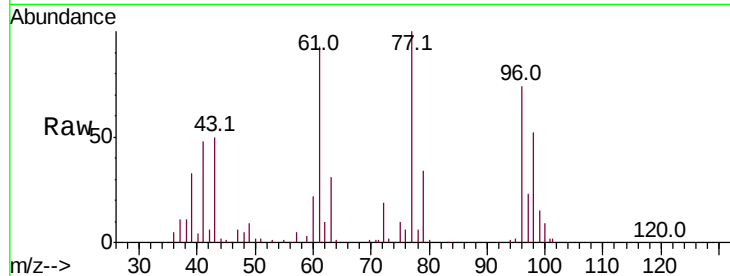


#27

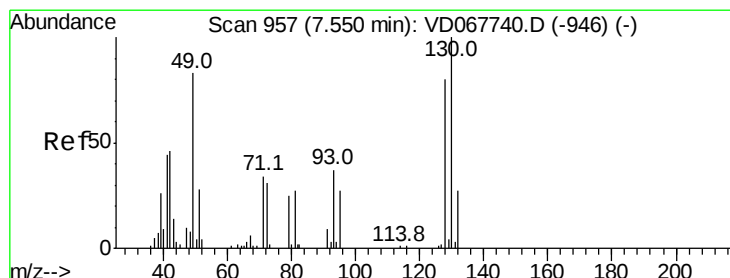
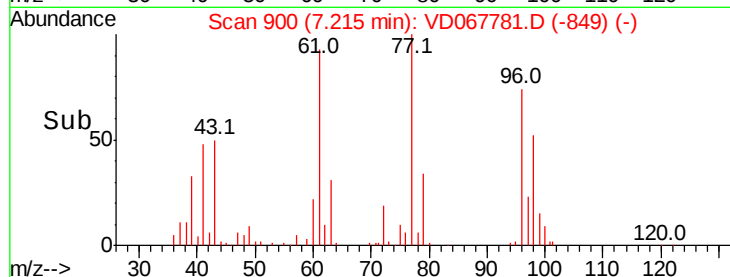
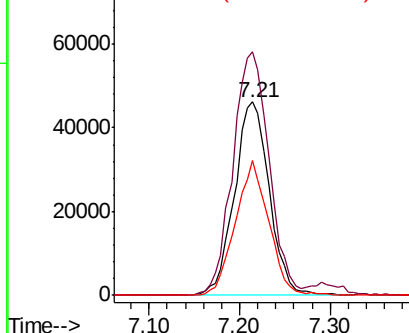
cis-1,2-Dichloroethene
Concen: 48.514 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	123298
Ion Ratio	Lower	Upper	
96	100		
61	130.6	0.0	258.0
98	66.2	0.0	131.8



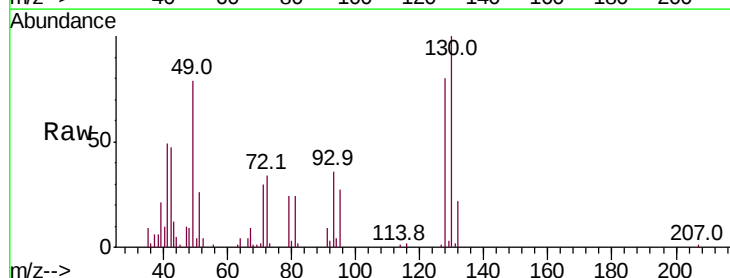
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



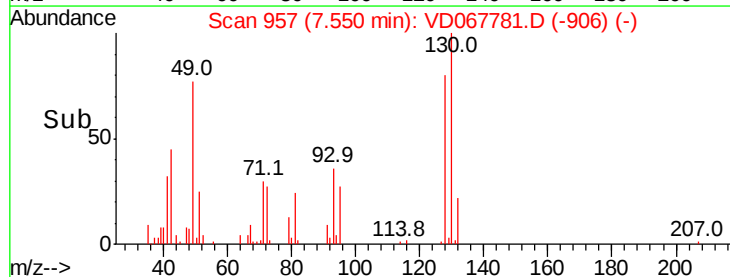
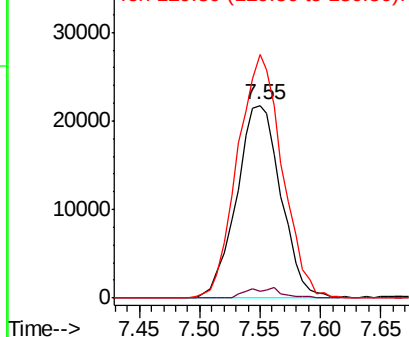
#28

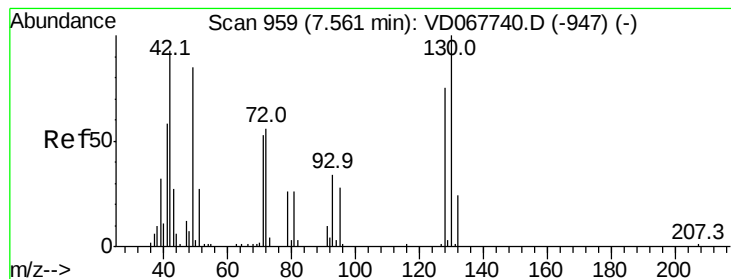
Bromochloromethane
Concen: 51.101 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion	49	Resp	55537
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
49	100		
129	4.1	0.0	7.0
130	127.4	102.2	153.4



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: 235.236 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

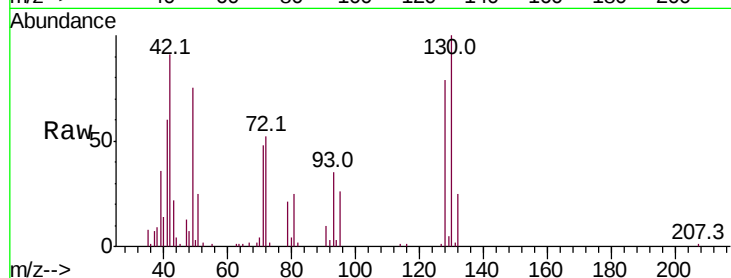
Tot Ion: 42 Resp: 48166

Ion Ratio Lower Upper

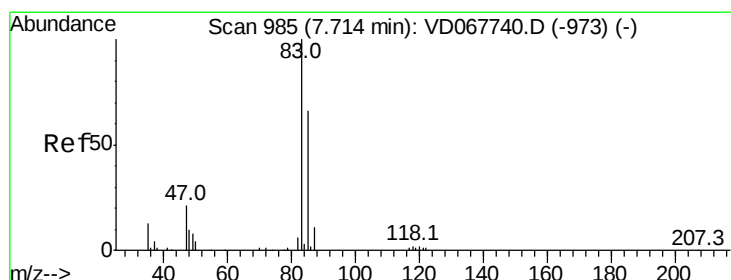
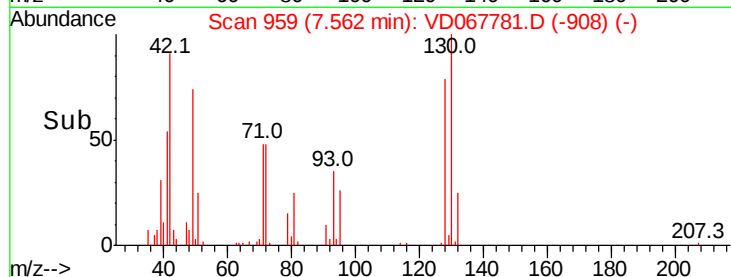
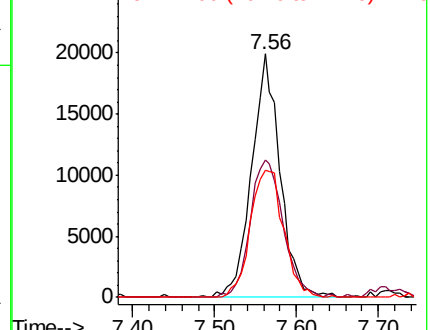
42 100

72 65.0 49.3 73.9

71 61.1 45.9 68.9



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: 48.918 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067781.D

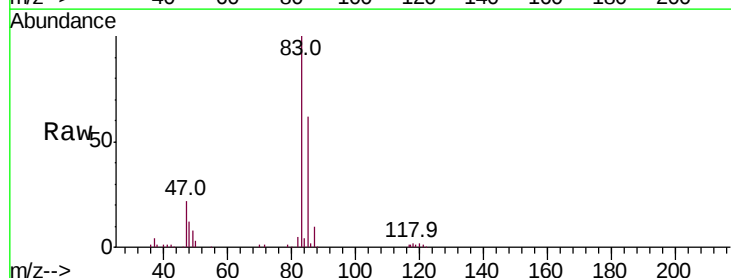
Acq: 25 Nov 2020 12:21

Tgt Ion: 83 Resp: 217034

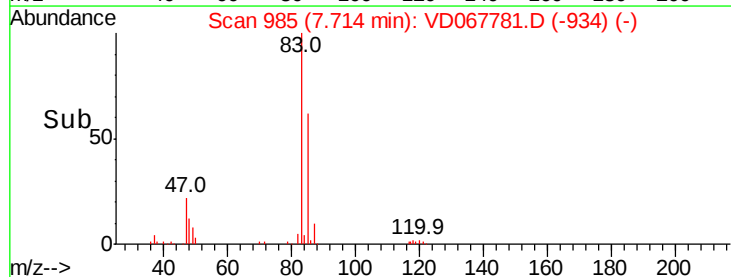
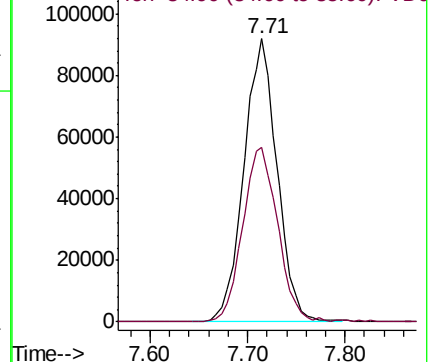
Ion Ratio Lower Upper

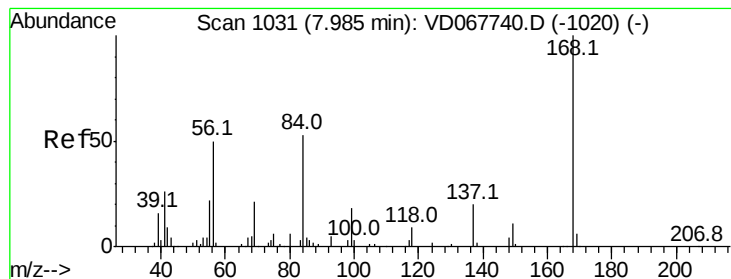
83 100

85 61.8 53.1 79.7



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





#31

Cyclohexane

Concen: 45.281 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

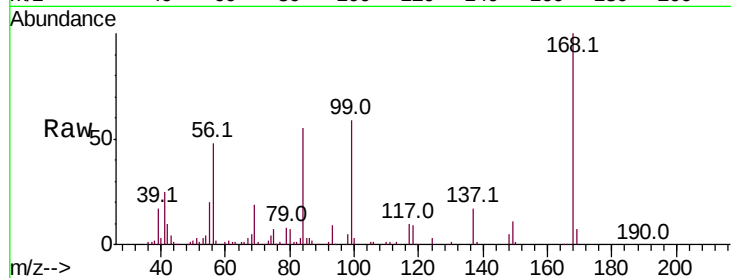
Tot Ion: 56 Resp: 136107

Ion Ratio Lower Upper

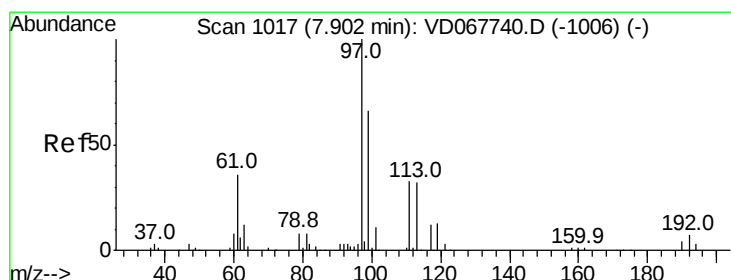
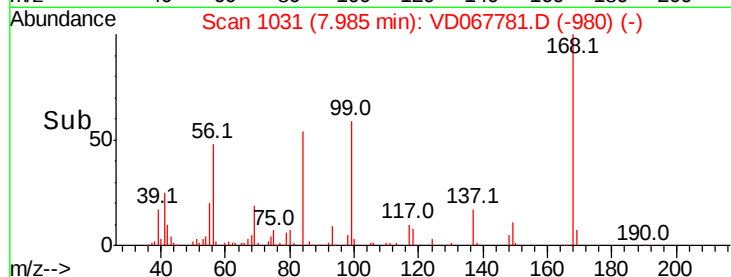
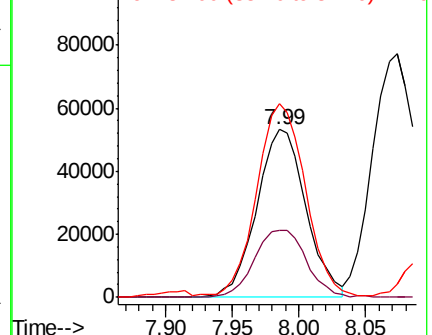
56 100

69 39.7 33.2 49.8

84 114.2 84.8 127.2



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: 48.757 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

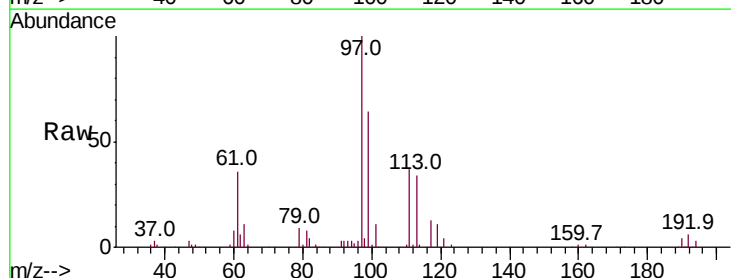
Tgt Ion: 97 Resp: 229098

Ion Ratio Lower Upper

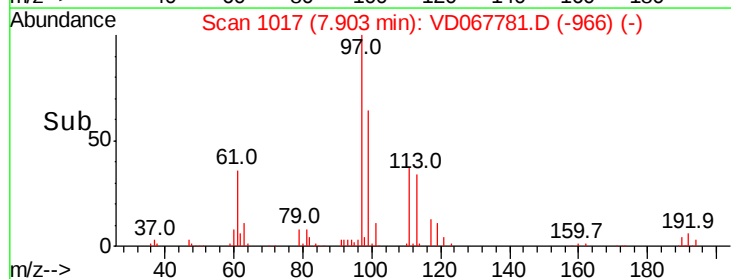
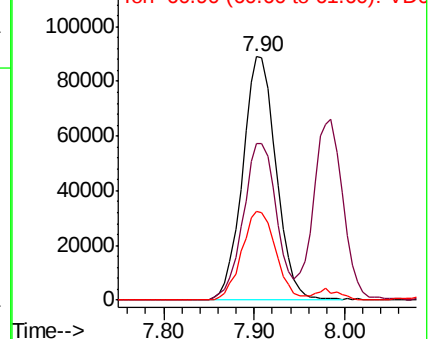
97 100

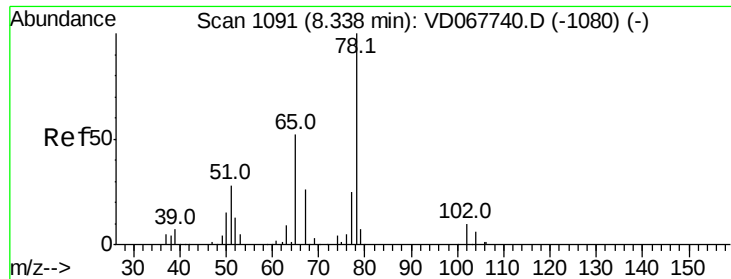
99 63.9 51.1 76.7

61 37.0 29.4 44.2



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

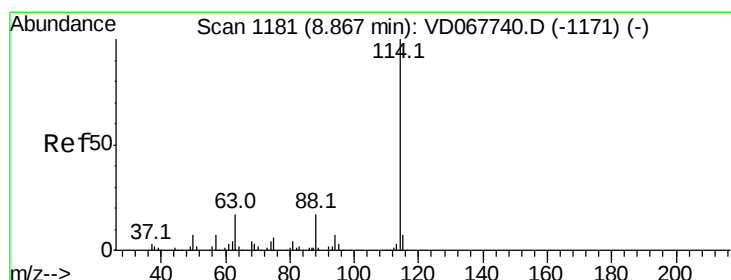
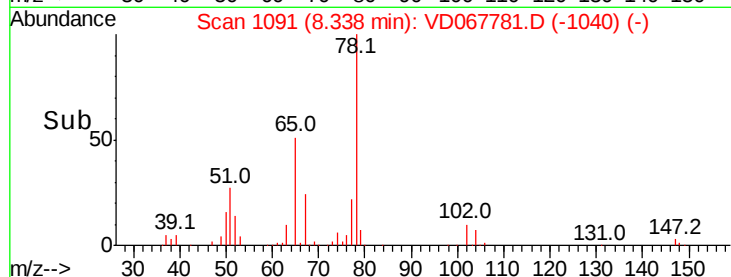
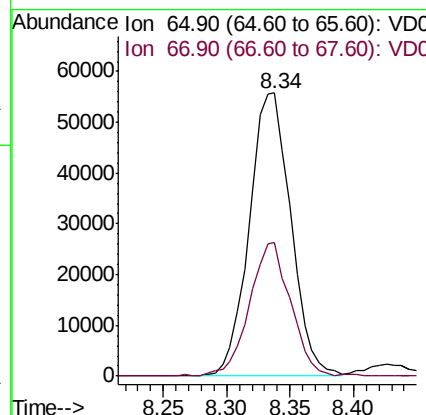
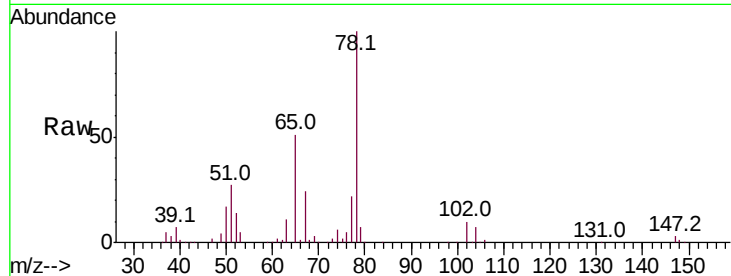




#33
 1,2-Dichloroethane-d4
 Concen: 51.344 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

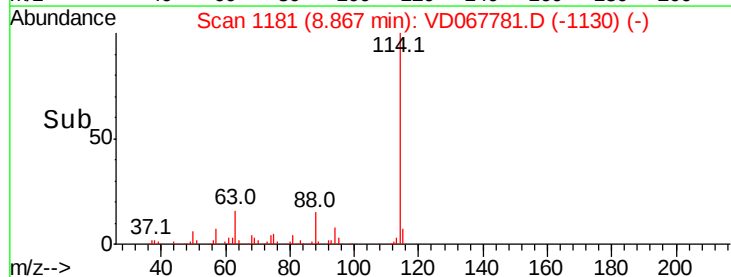
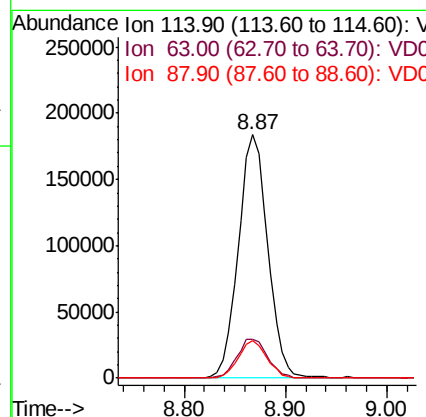
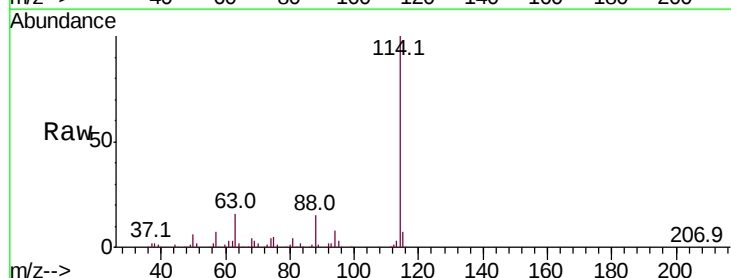
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

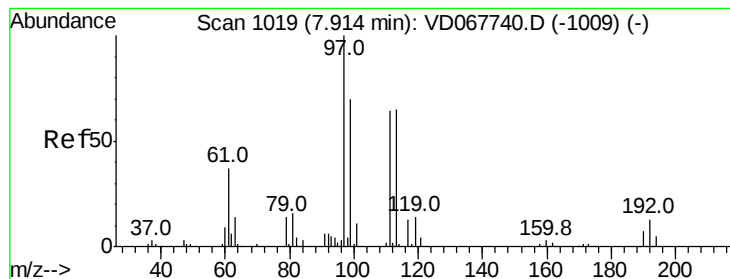
Tot Ion: 65 Resp: 127551
 Ion Ratio Lower Upper
 65 100
 67 46.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Tgt Ion: 114 Resp: 371157
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 34.8
 88 15.3 0.0 34.4





#35

Dibromofluoromethane

Concen: 50.406 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

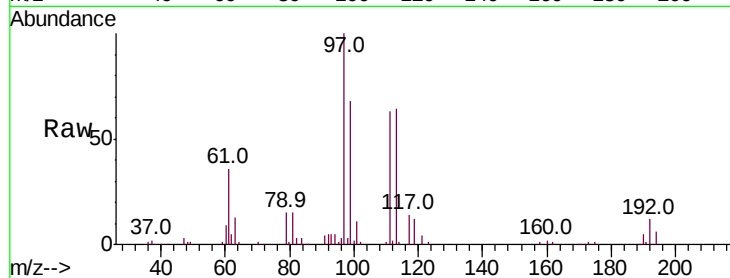
Tot Ion:113 Resp: 119061

Ion Ratio Lower Upper

113 100

111 99.8 81.4 122.0

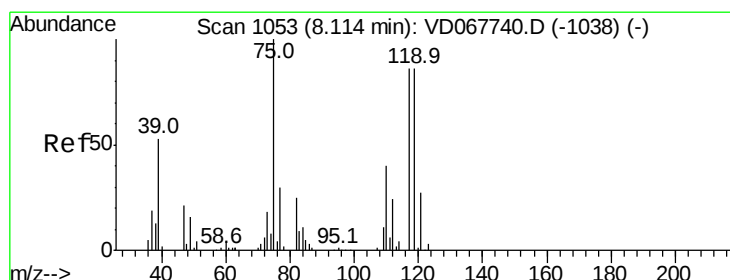
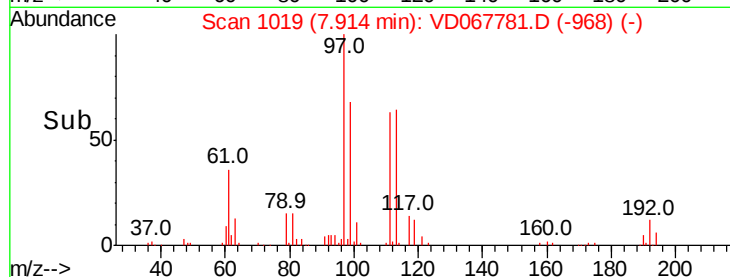
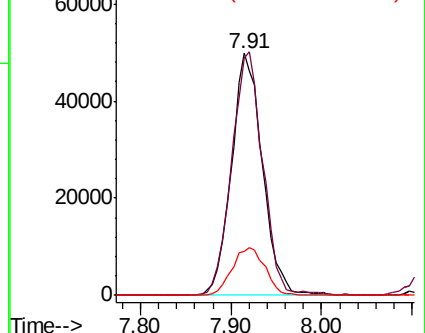
192 20.5 17.0 25.4



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: 47.762 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

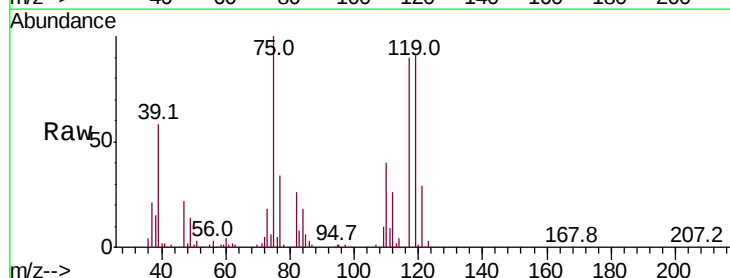
Tgt Ion: 75 Resp: 152120

Ion Ratio Lower Upper

75 100

110 39.9 20.1 60.2

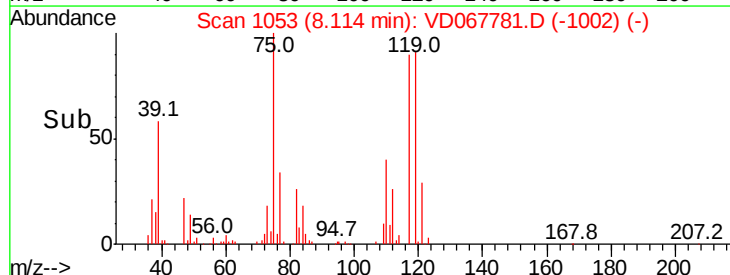
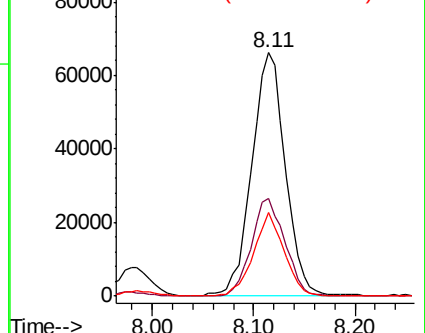
77 31.5 24.8 37.2

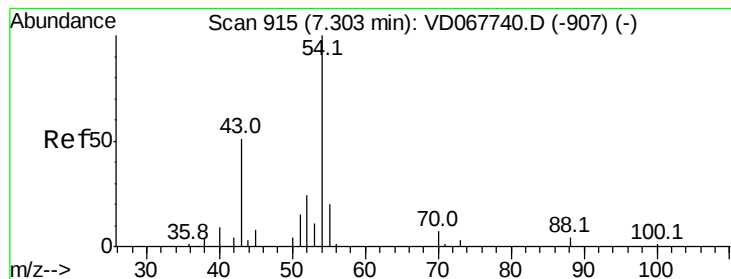


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 39.767 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

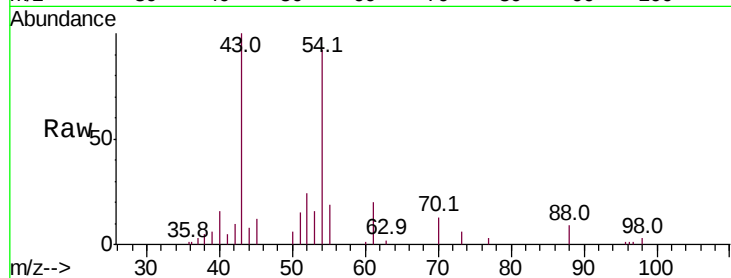
Tot Ion: 43 Resp: 34057

Ion Ratio Lower Upper

43 100

61 17.2 12.9 19.3

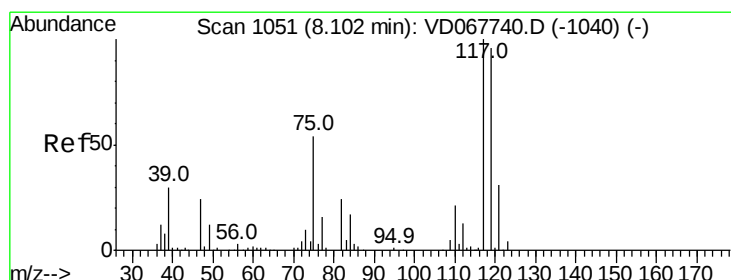
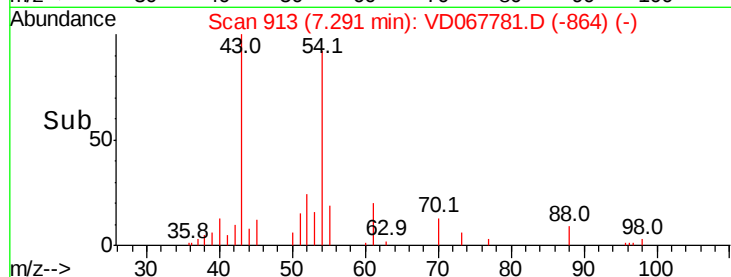
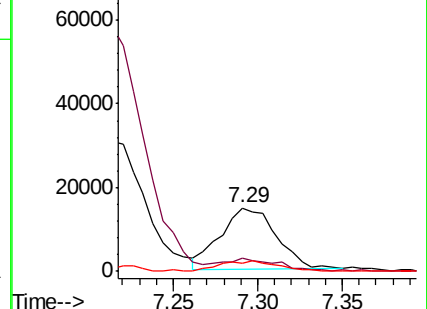
70 17.5 12.2 18.2



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: 49.816 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

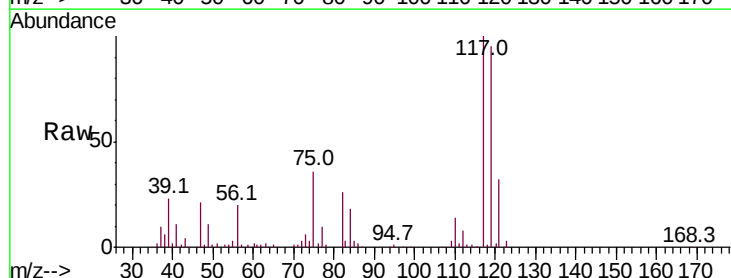
Tgt Ion: 117 Resp: 229988

Ion Ratio Lower Upper

117 100

119 94.6 76.6 115.0

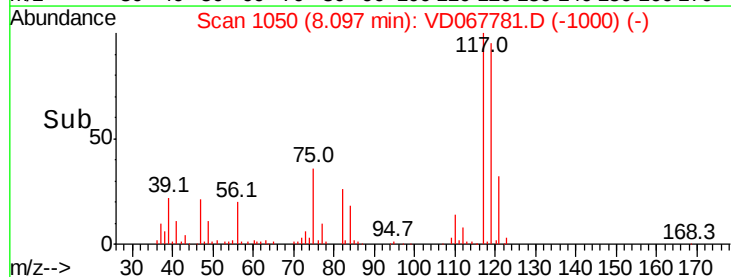
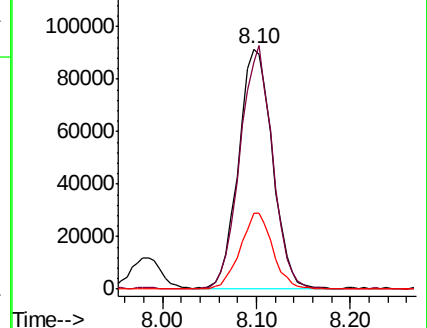
121 31.8 24.5 36.7

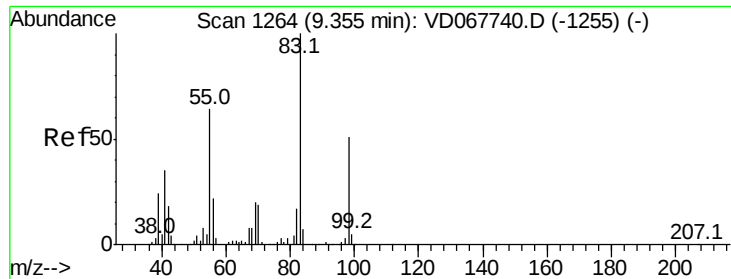


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

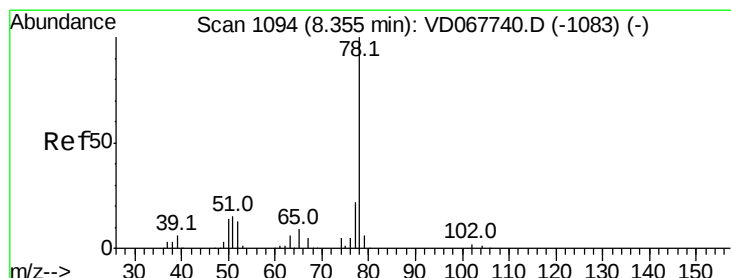
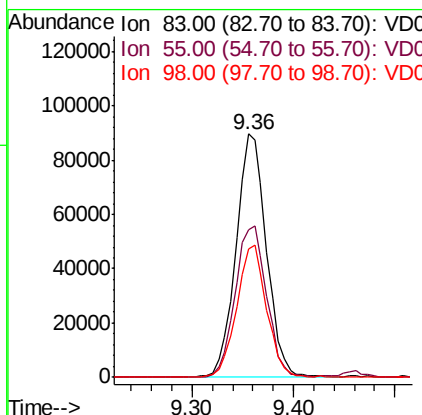
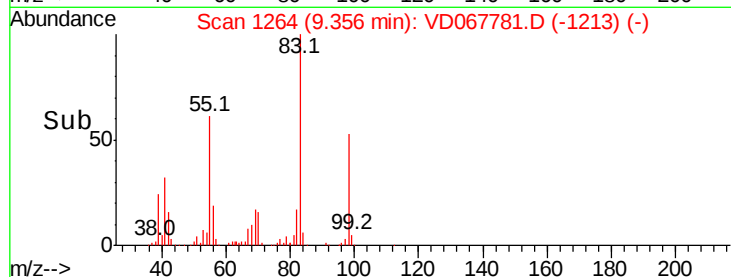
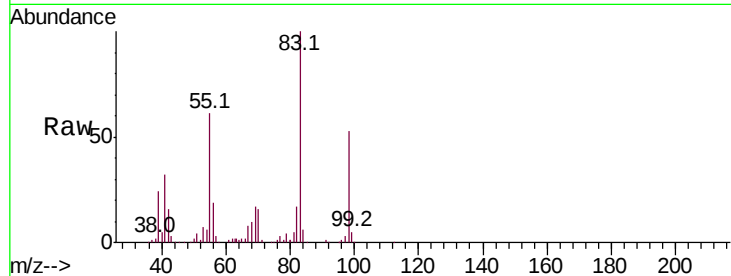




#39
Methvlcvclohexane
Concen: 49.346 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

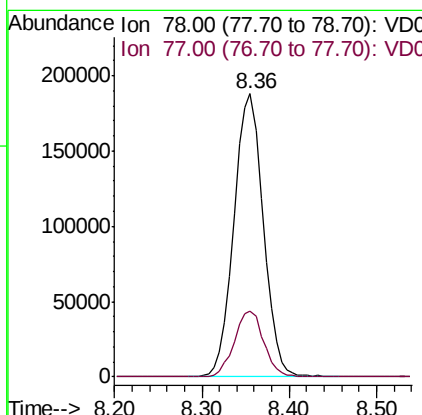
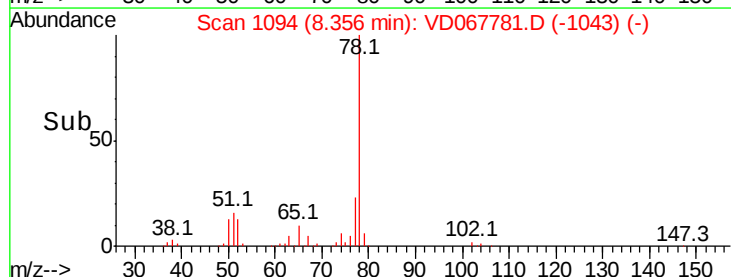
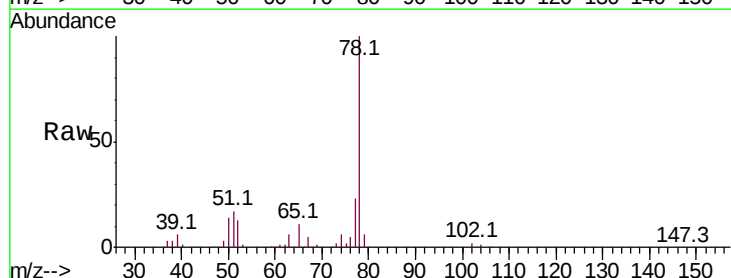
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

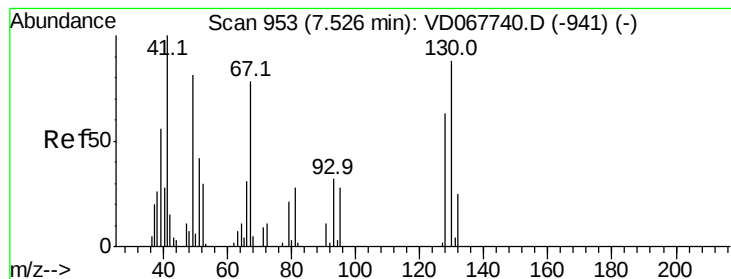
Tot Ion	83	Resp	185991
Ion Ratio	Lower	Upper	
83	100		
55	60.5	51.0	76.4
98	52.7	40.4	60.6



#40
Benzene
Concen: 48.755 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion	78	Resp	426479
Ion Ratio	Lower	Upper	
78	100		
77	23.1	17.8	26.6





#41

Methacrylonitrile

Concen: 125.276 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.02 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 54785

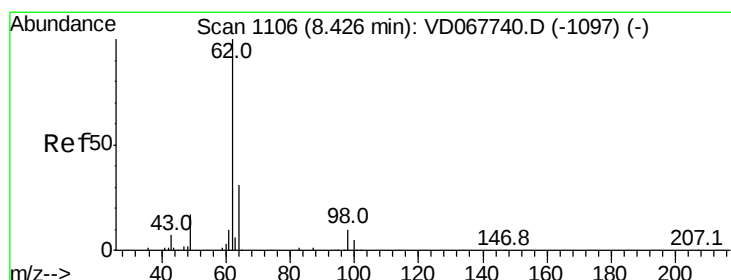
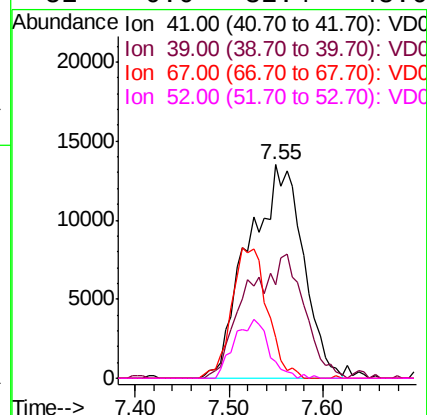
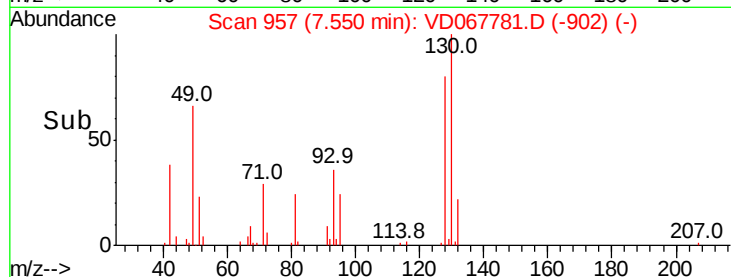
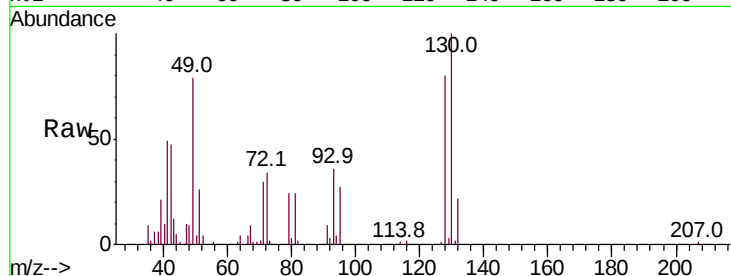
Ion Ratio Lower Upper

41 100

39 0.0 50.2 75.4#

67 0.0 79.0 118.6#

52 0.0 32.4 48.6#



#42

1,2-Dichloroethane

Concen: 48.902 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD067781.D

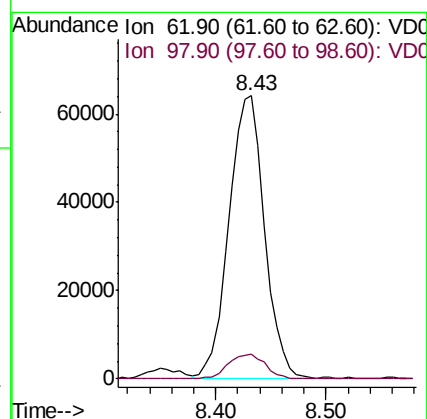
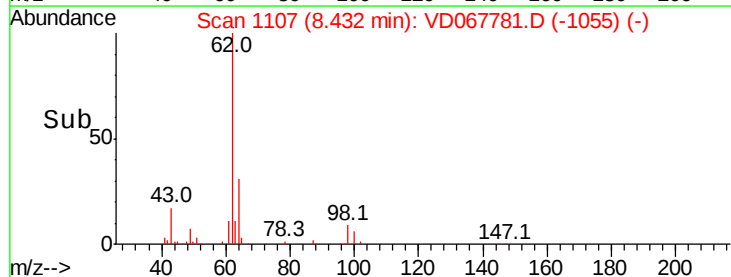
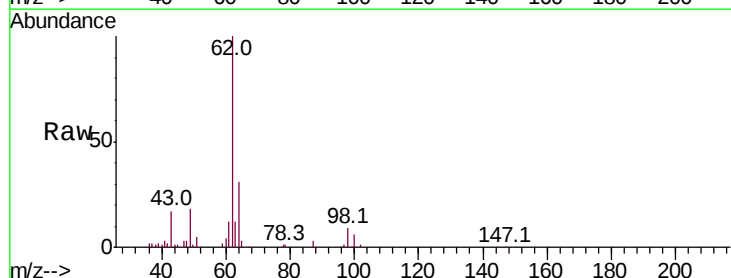
Acq: 25 Nov 2020 12:21

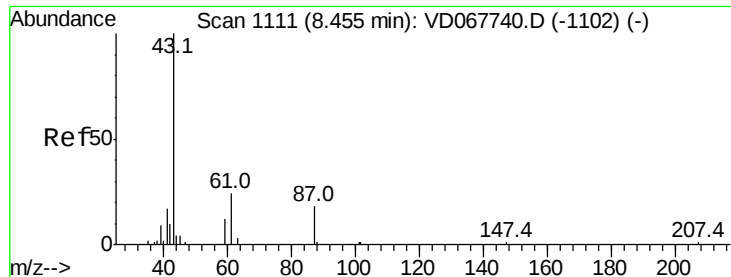
Tgt Ion: 62 Resp: 145142

Ion Ratio Lower Upper

62 100

98 9.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 44.721 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

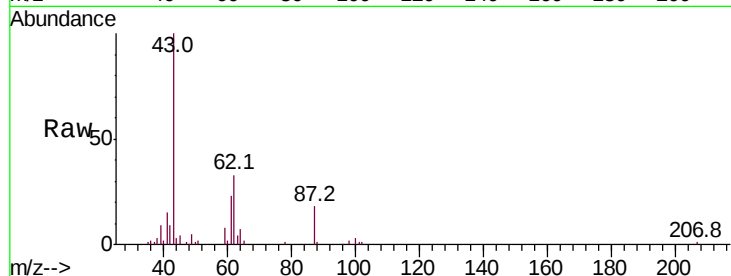
Tot Ion: 43 Resp: 76485

Ion Ratio Lower Upper

43 100

61 20.4 30.2 45.4#

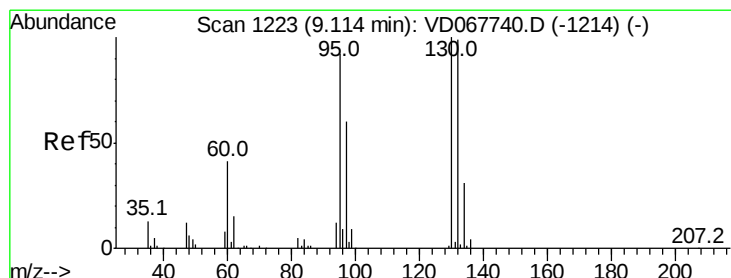
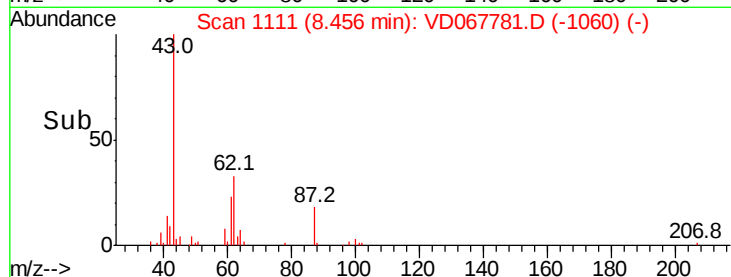
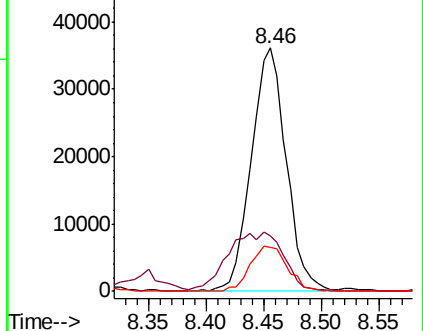
87 20.0 14.2 21.4



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: 48.234 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067781.D

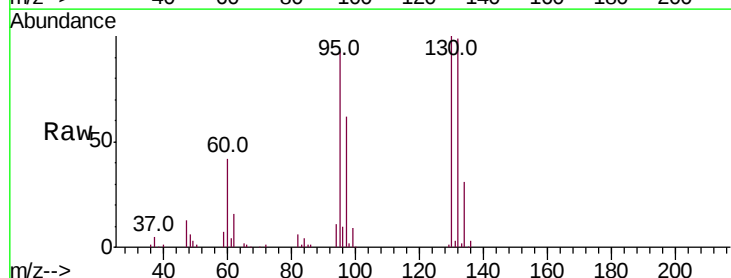
Acq: 25 Nov 2020 12:21

Tgt Ion:130 Resp: 139836

Ion Ratio Lower Upper

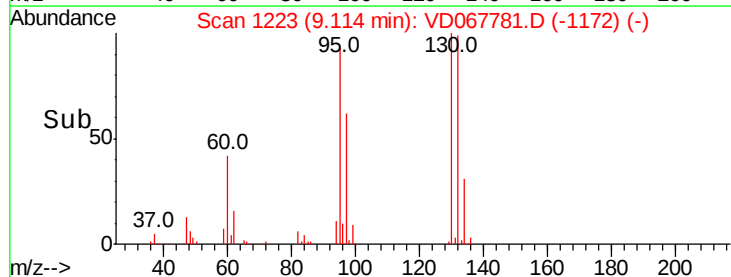
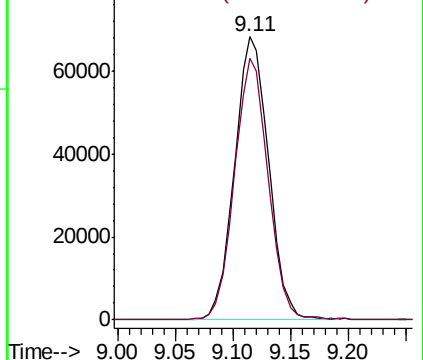
130 100

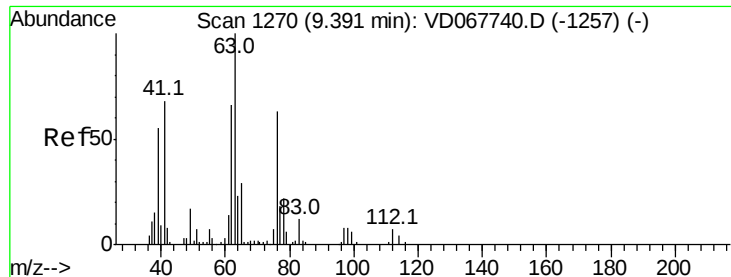
95 92.6 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 47.493 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

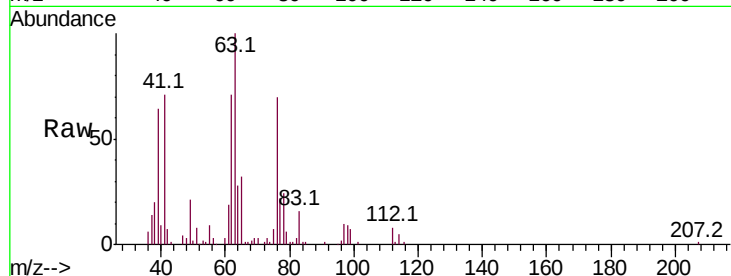
VSTDCCC050

Tot Ion: 63 Resp: 85244

Ion Ratio Lower Upper

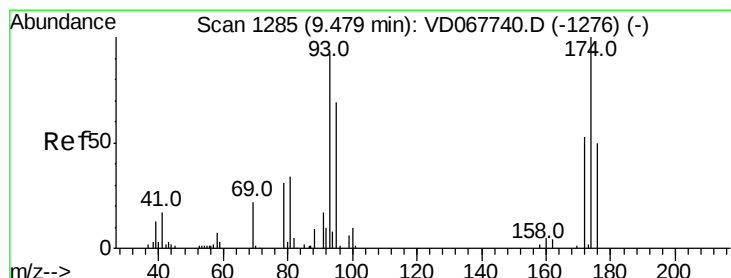
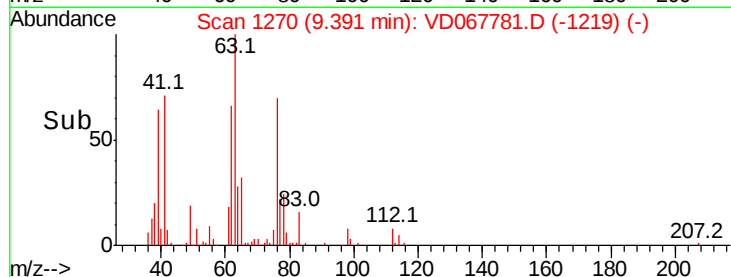
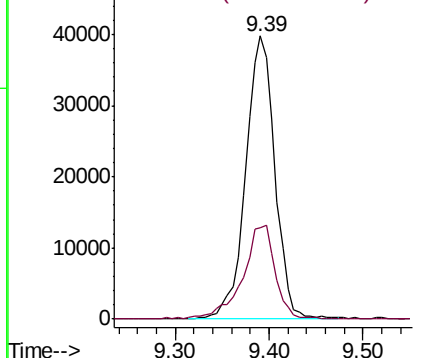
63 100

65 32.5 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 48.675 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

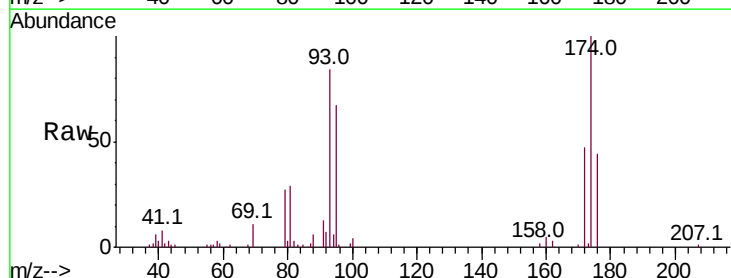
Tgt Ion: 93 Resp: 59479

Ion Ratio Lower Upper

93 100

95 80.1 63.4 95.2

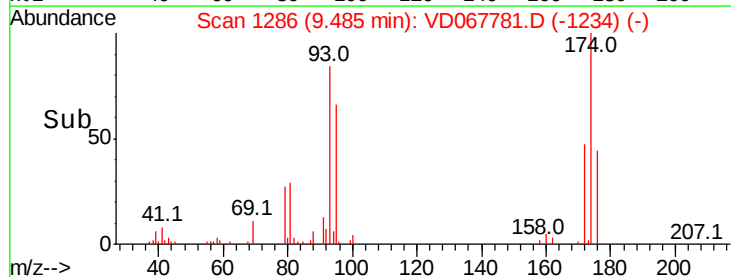
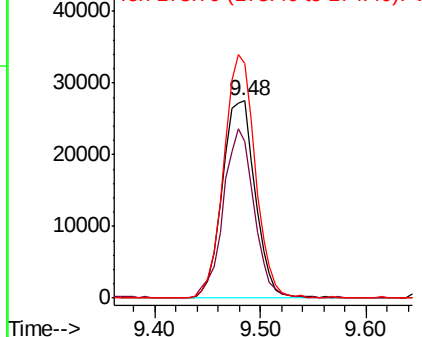
174 117.5 89.6 134.4

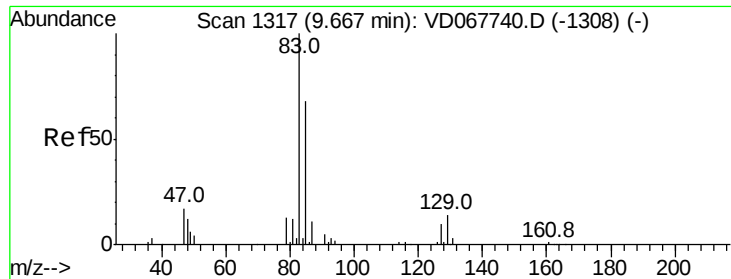


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.025 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

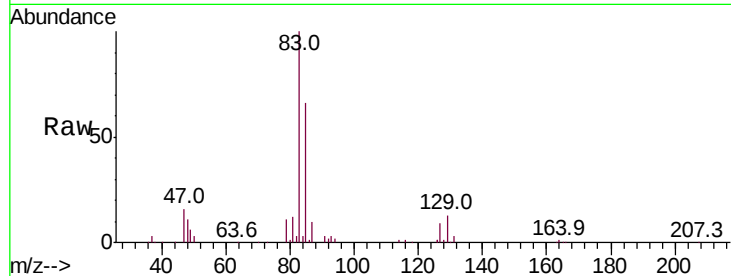
Tot Ion: 83 Resp: 170224

Ion Ratio Lower Upper

83 100

85 65.7 54.2 81.2

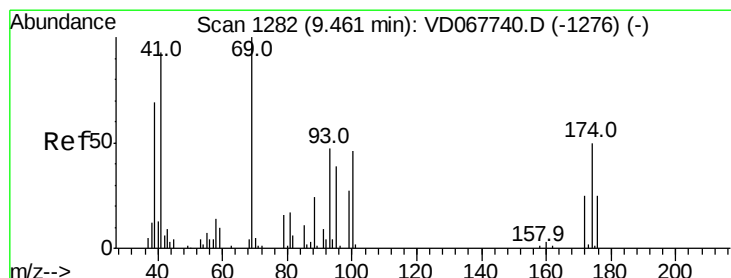
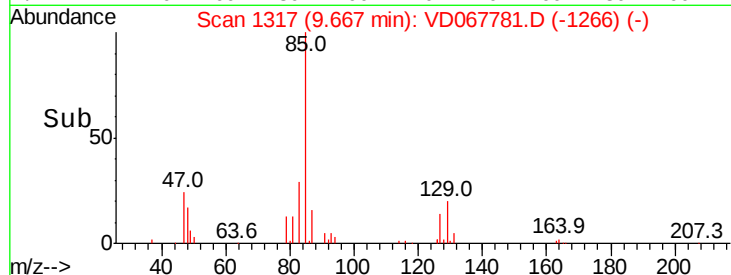
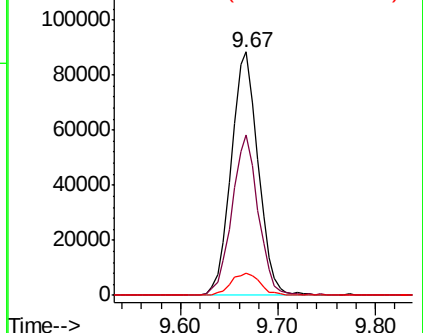
127 8.9 7.6 11.4



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: 45.017 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

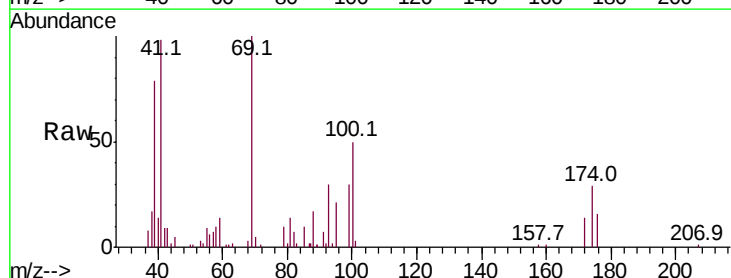
Tgt Ion: 41 Resp: 38491

Ion Ratio Lower Upper

41 100

69 113.4 87.8 131.6

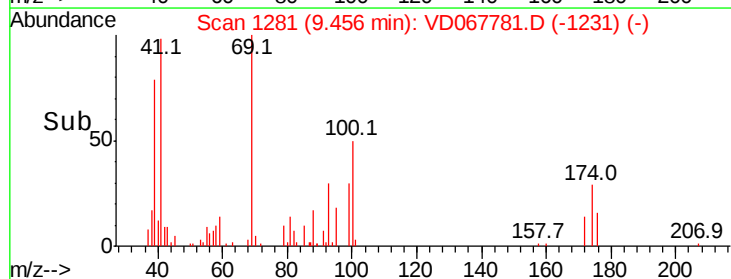
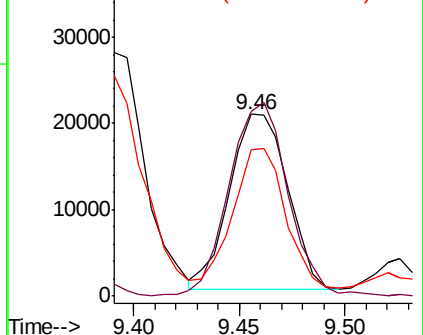
39 72.6 60.5 90.7

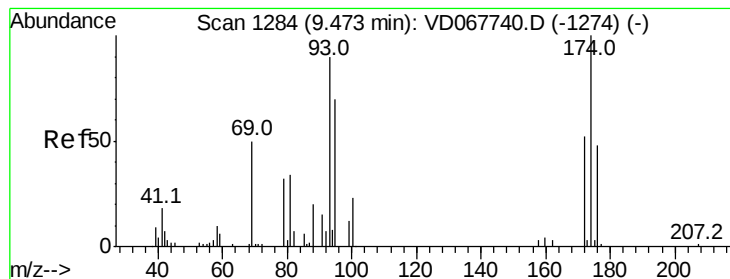


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 913.105 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

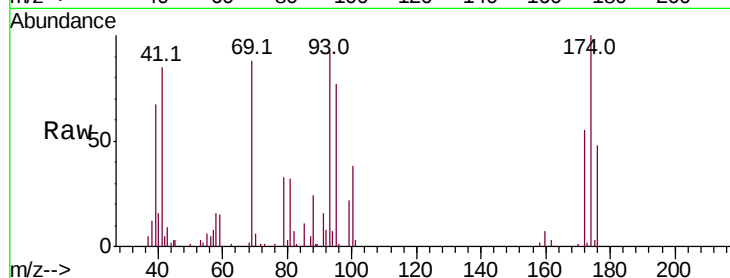
Tot Ion: 88 Resp: 12092

Ion Ratio Lower Upper

88 100

43 35.3 25.2 37.8

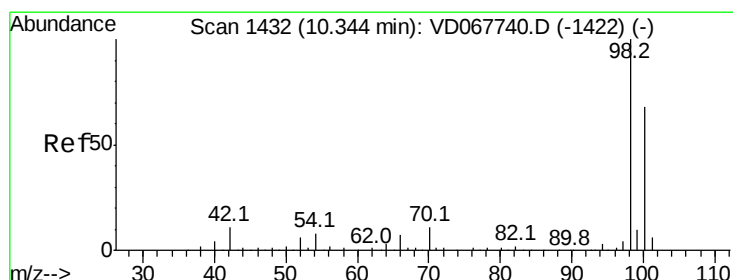
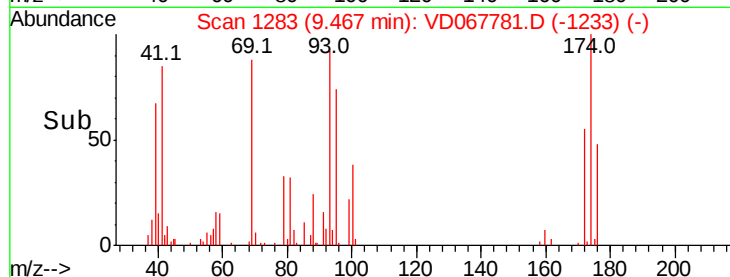
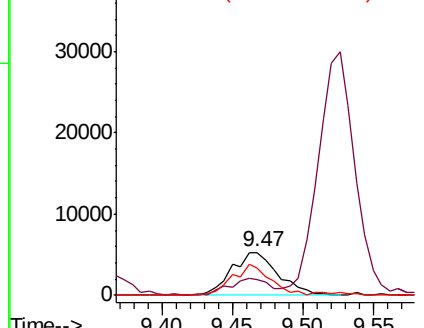
58 58.5 48.2 72.2



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: 49.960 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067781.D

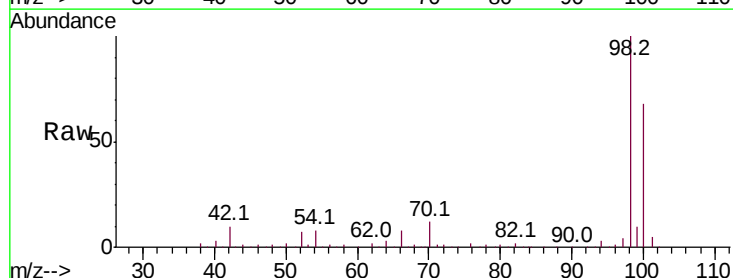
Acq: 25 Nov 2020 12:21

Tgt Ion: 98 Resp: 431447

Ion Ratio Lower Upper

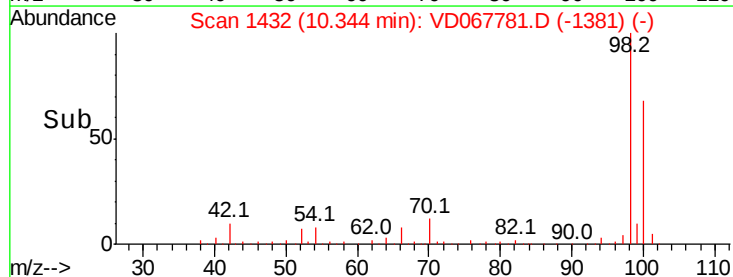
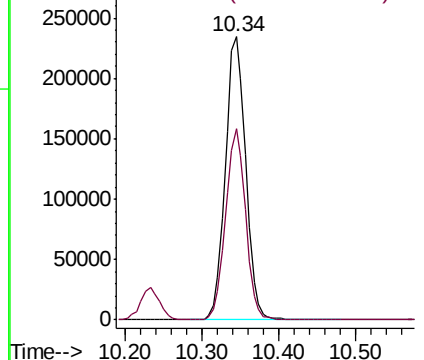
98 100

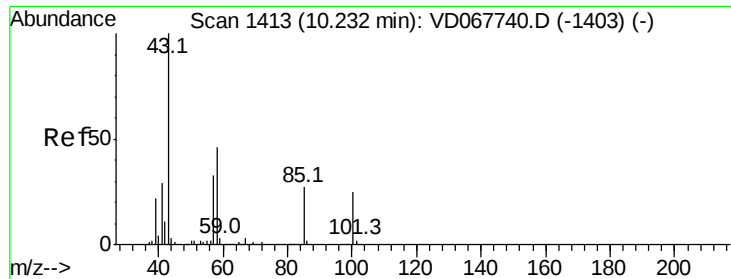
100 66.5 53.1 79.7



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: 231.177 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

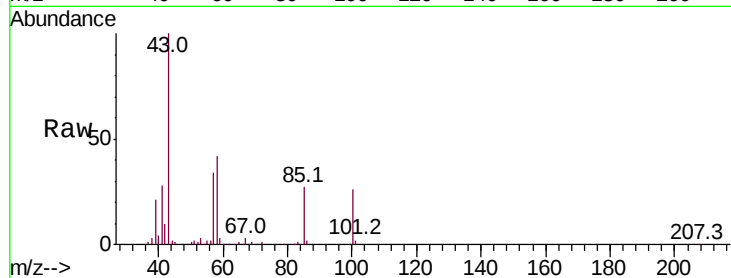
VSTDCCC050

Tot Ion: 43 Resp: 186045

Ion Ratio Lower Upper

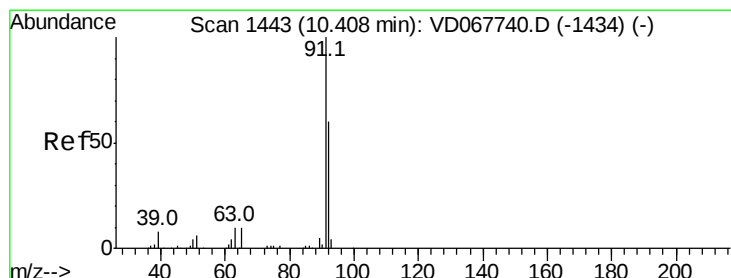
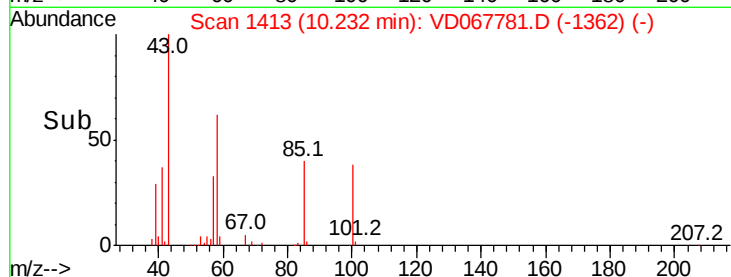
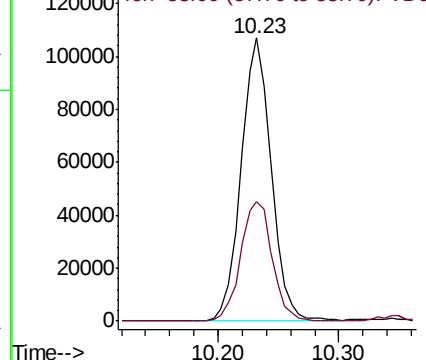
43 100

58 44.4 34.7 52.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 49.619 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067781.D

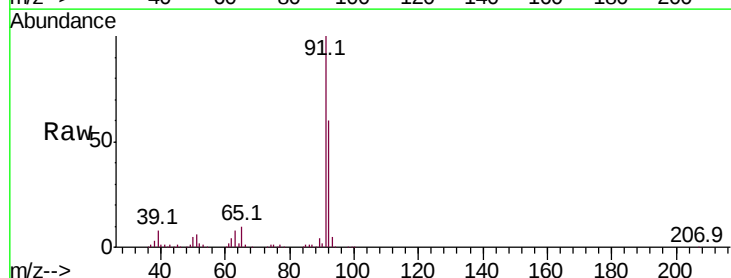
Acq: 25 Nov 2020 12:21

Tgt Ion: 92 Resp: 294443

Ion Ratio Lower Upper

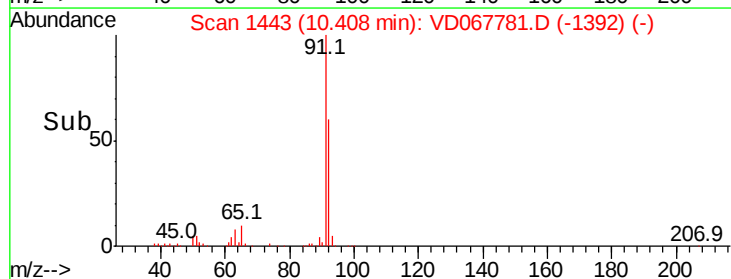
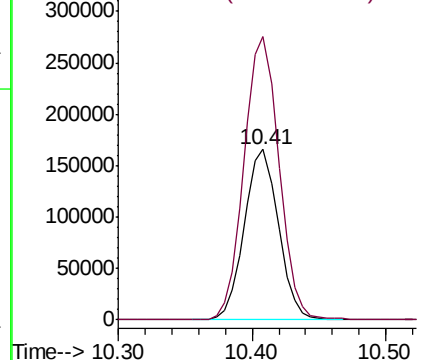
92 100

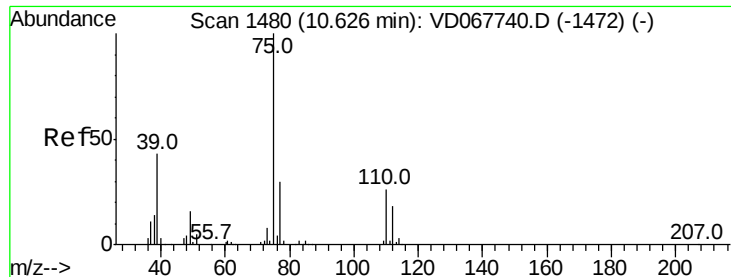
91 170.1 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 47.548 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

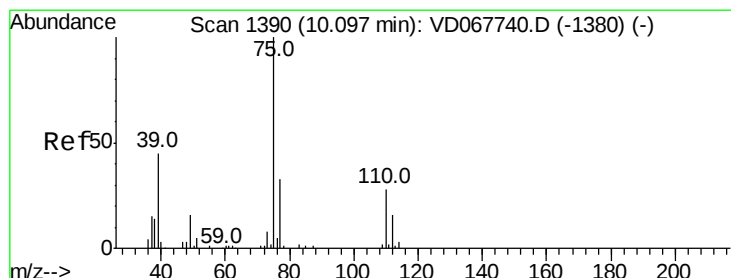
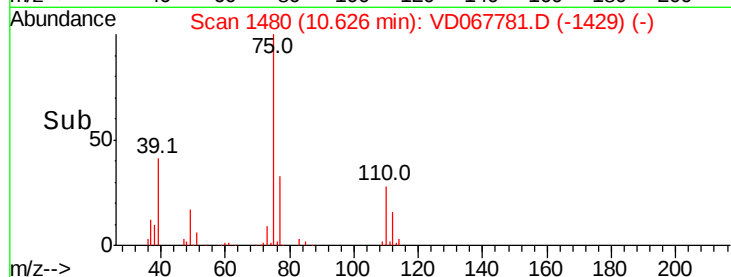
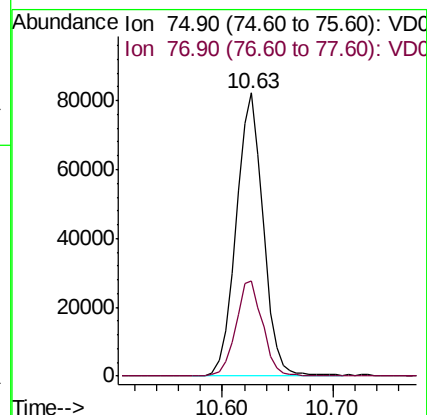
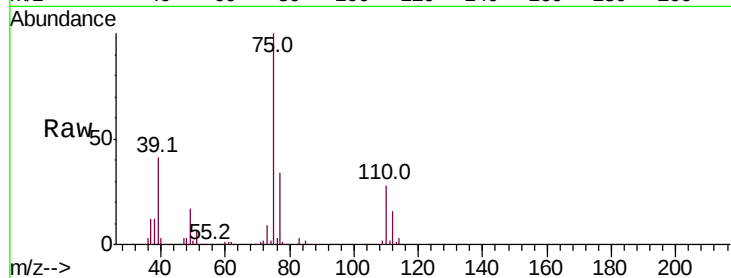
VSTDCCC050

Tot Ion: 75 Resp: 141353

Ion Ratio Lower Upper

75 100

77 33.8 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 48.261 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

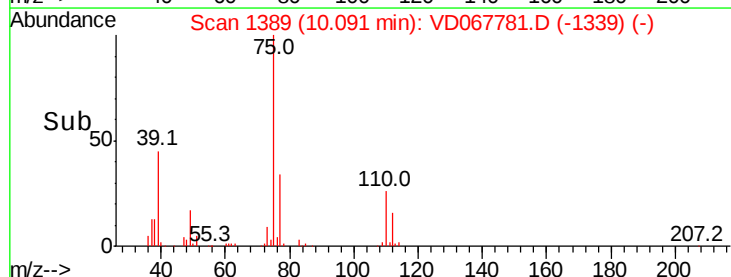
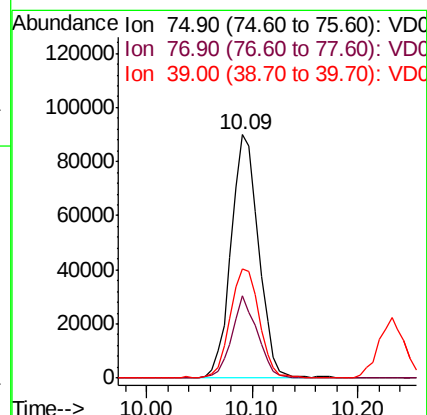
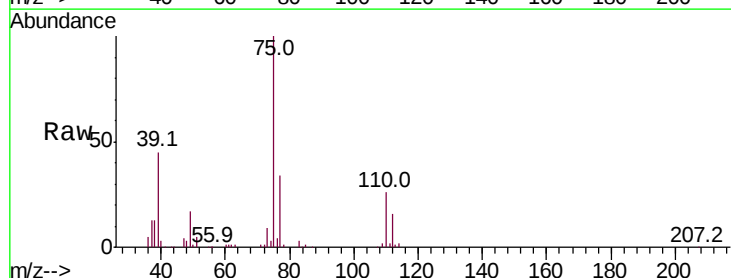
Tgt Ion: 75 Resp: 162369

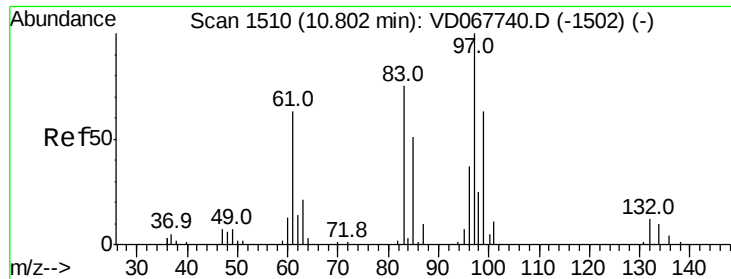
Ion Ratio Lower Upper

75 100

77 33.8 26.1 39.1

39 45.1 35.8 53.6

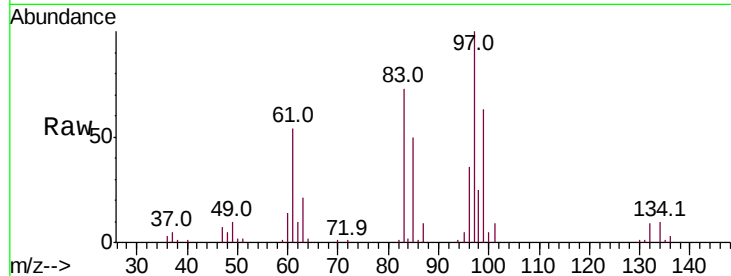




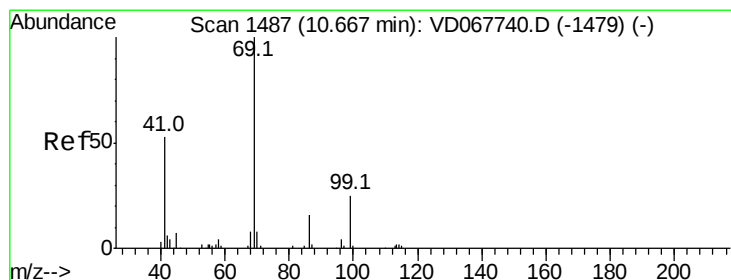
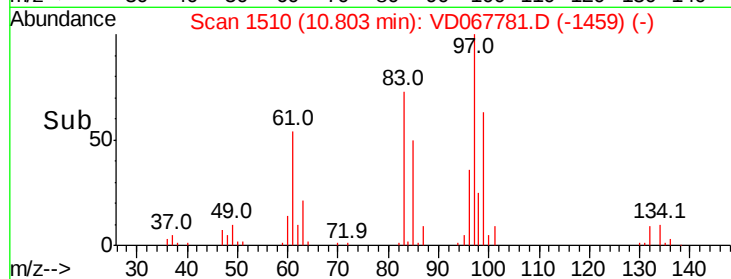
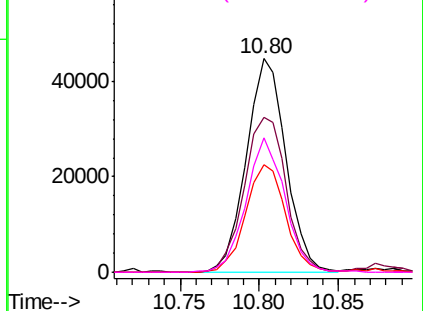
#55
 1,1,2-Trichloroethane
 Concen: 47.366 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	77661
Ion	Ratio	Lower	Upper
97	100		
83	72.5	60.2	90.4
85	50.5	40.5	60.7
99	63.1	50.6	76.0

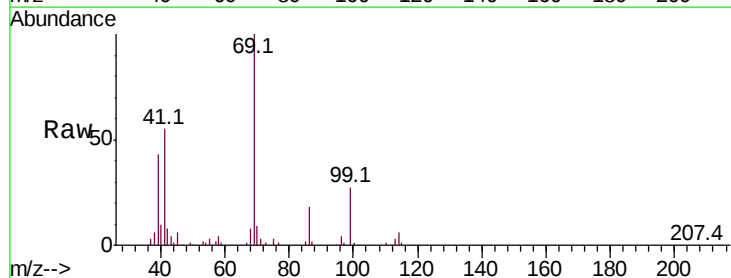


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

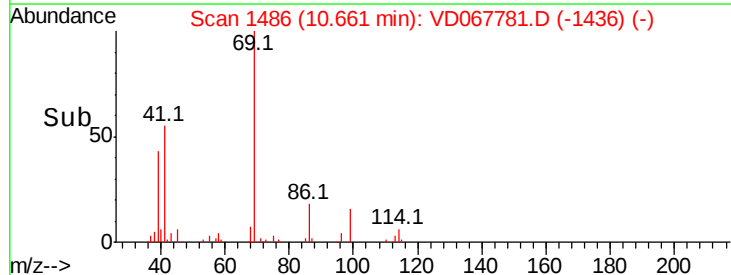
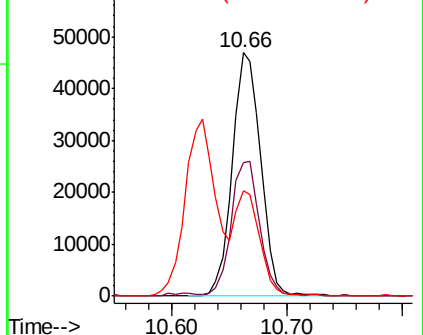


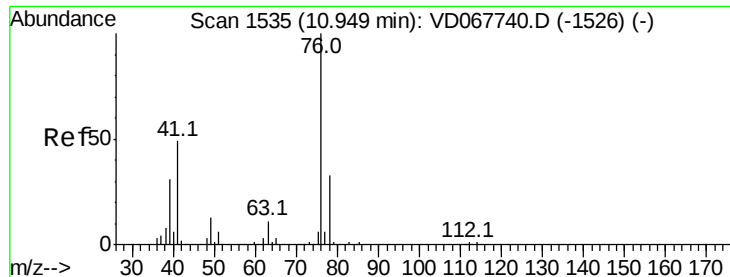
#56
 Ethyl methacrylate
 Concen: 47.132 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Tgt Ion:	69	Resp:	80006
Ion	Ratio	Lower	Upper
69	100		
41	56.1	43.4	65.0
39	36.2	29.6	44.4



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: 47.410 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

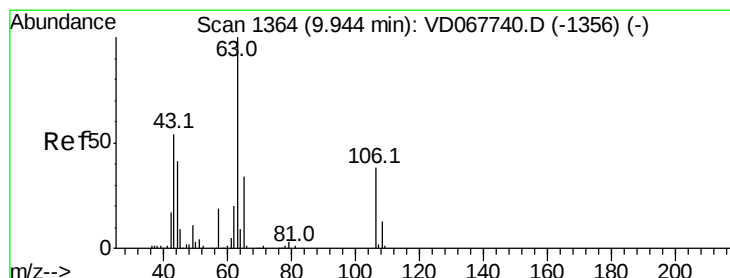
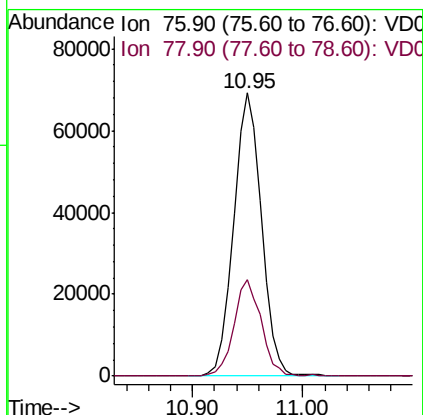
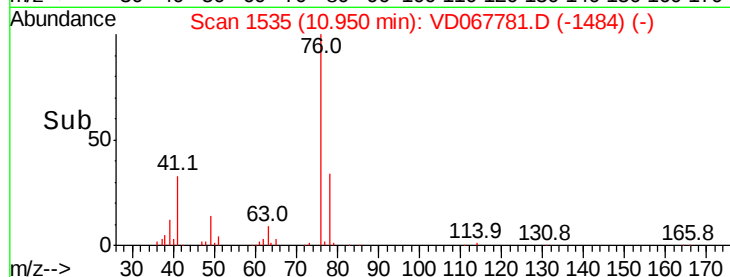
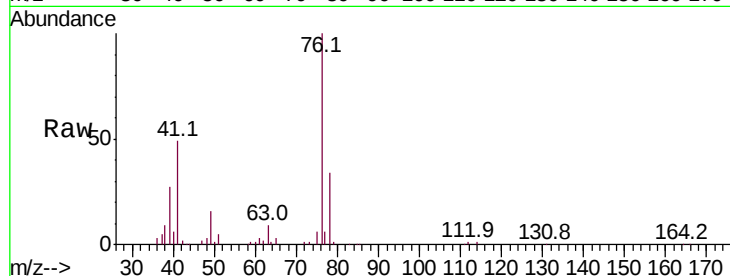
VSTDCCC050

Tot Ion: 76 Resp: 122562

Ion Ratio Lower Upper

76 100

78 33.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 260.649 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067781.D

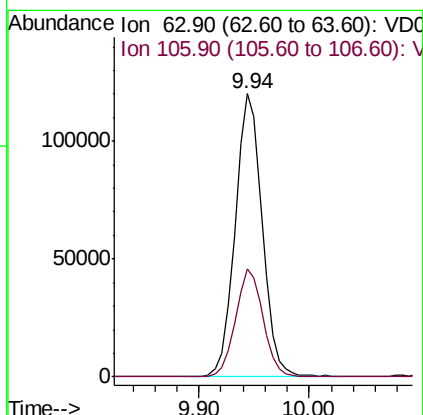
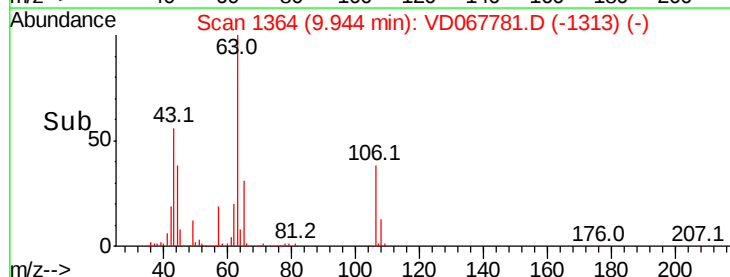
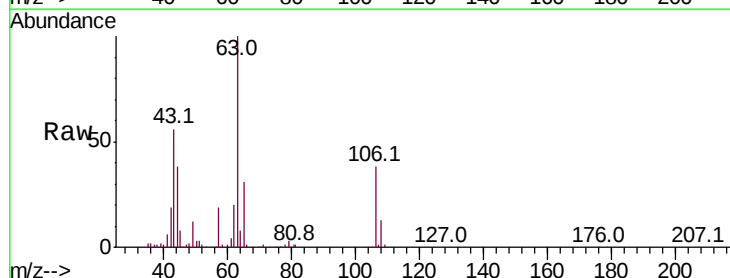
Acq: 25 Nov 2020 12:21

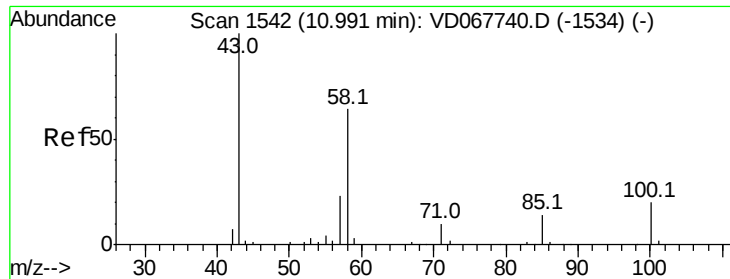
Tgt Ion: 63 Resp: 206734

Ion Ratio Lower Upper

63 100

106 38.7 31.0 46.6

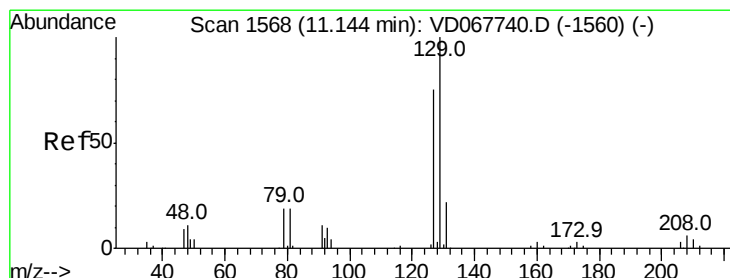
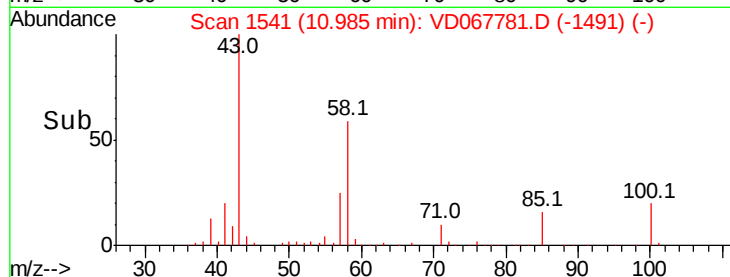
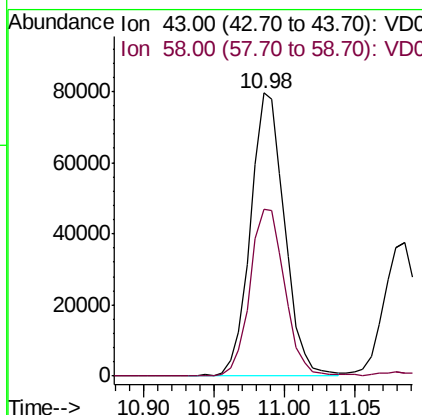
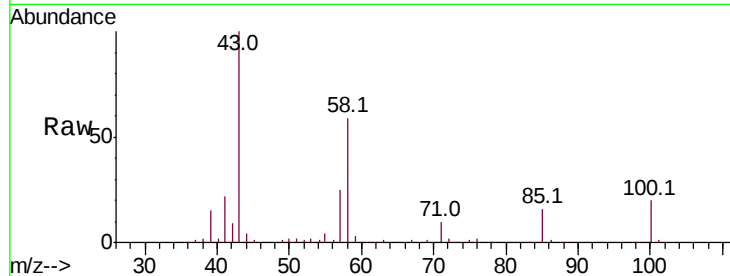




#59
2-Hexanone
Concen: 237.986 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

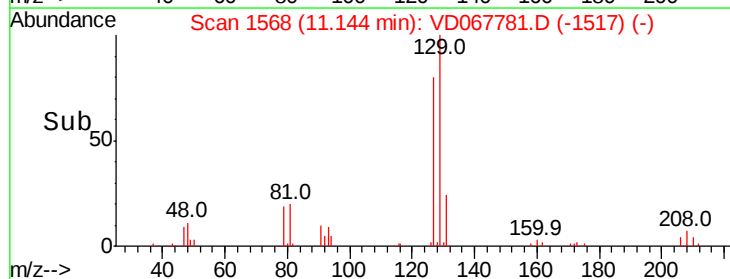
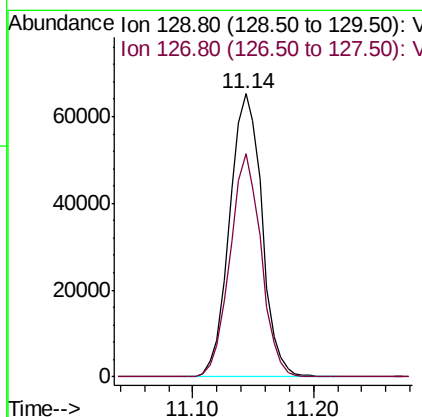
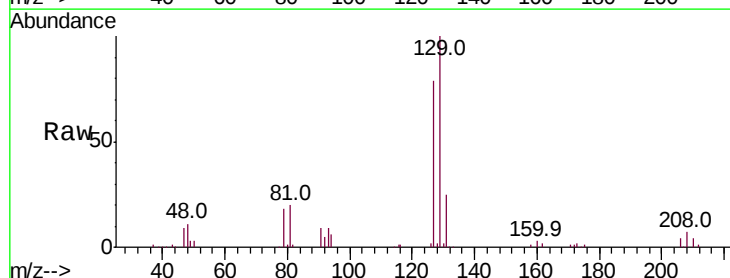
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

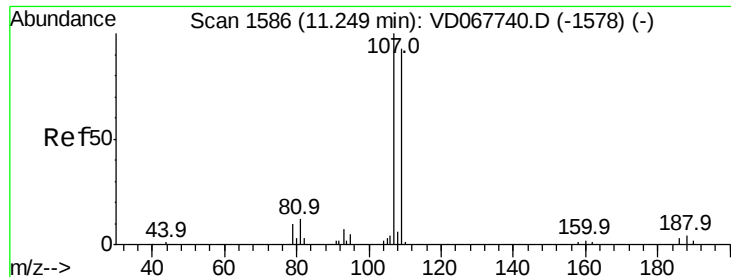
Tot Ion: 43 Resp: 135222
Ion Ratio Lower Upper
43 100
58 60.4 30.5 91.5



#60
Dibromochloromethane
Concen: 48.634 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion: 129 Resp: 121511
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.7

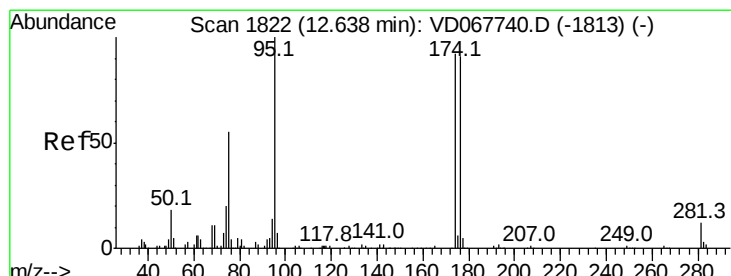
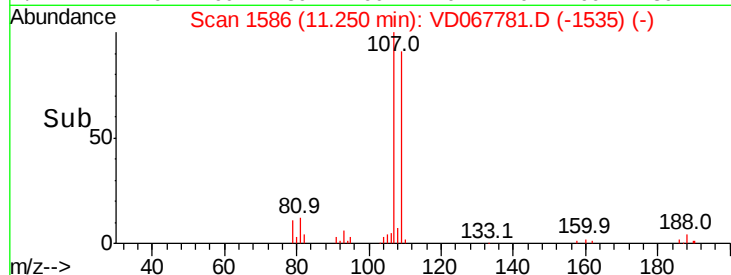
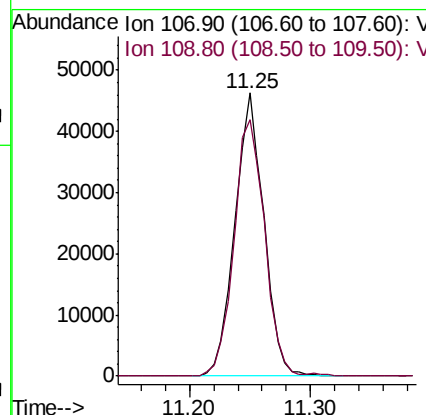
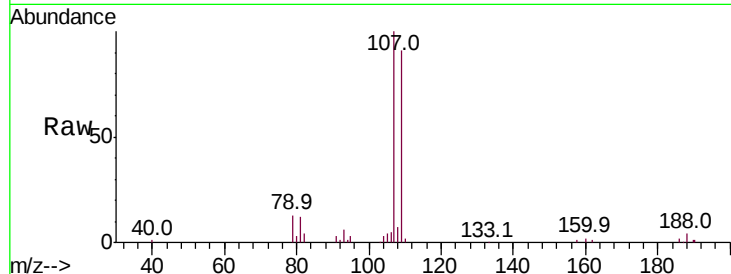




#61
 1,2-Dibromoethane
 Concen: 47.790 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

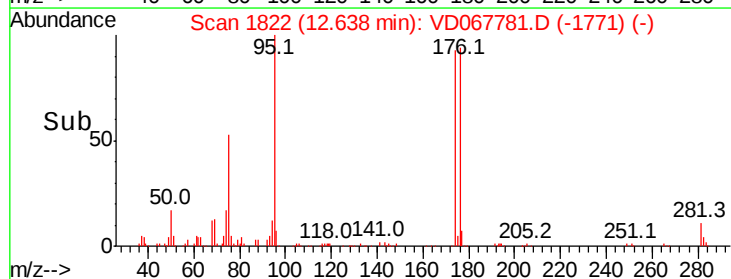
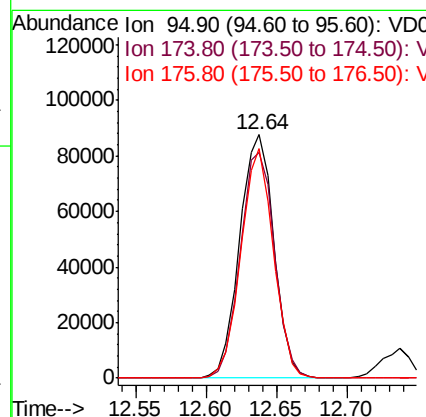
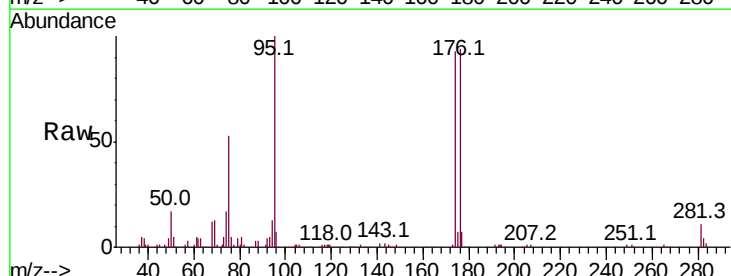
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

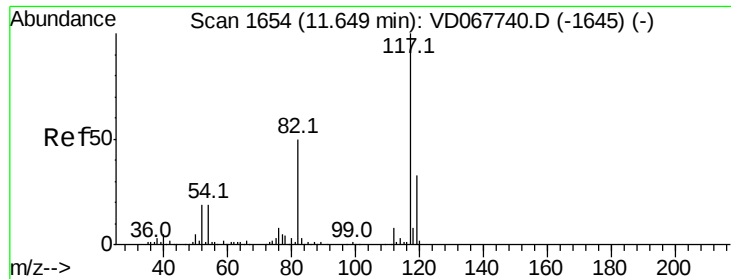
Tot Ion:107 Resp: 77205
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.398 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Tgt Ion: 95 Resp: 148763
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 182.4
 176 89.6 0.0 178.2

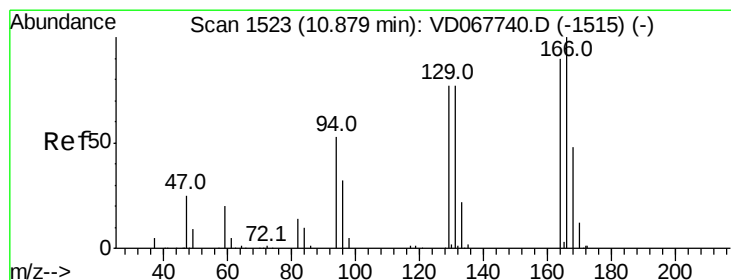
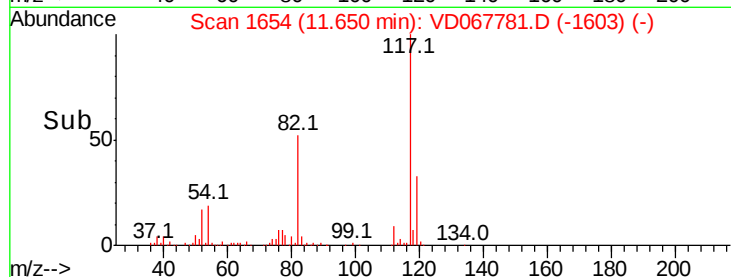
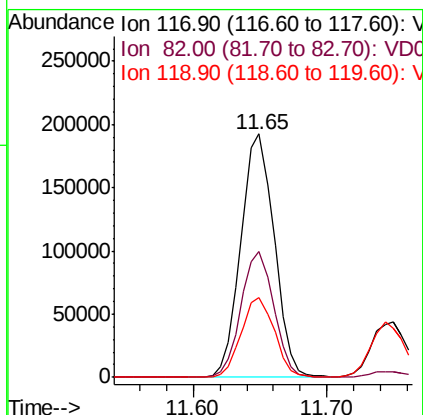
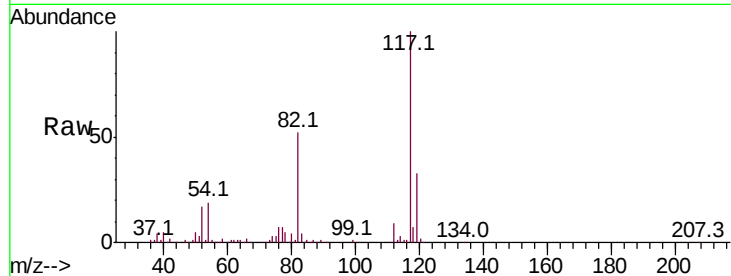




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

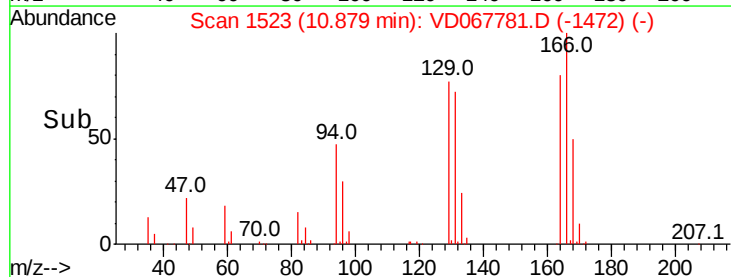
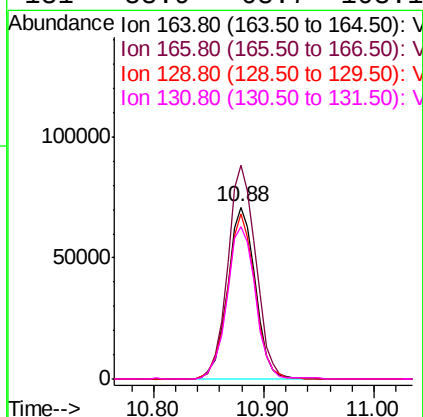
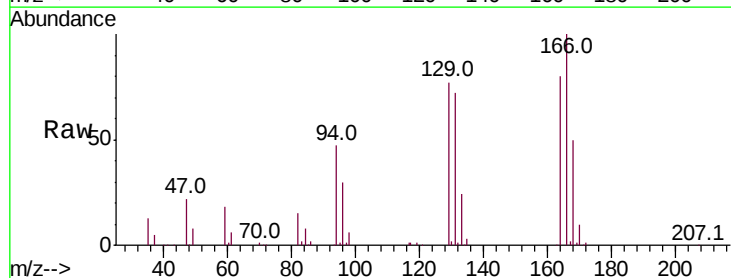
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

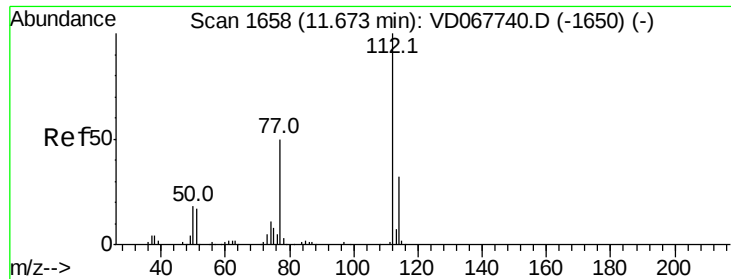
Tot Ion:117 Resp: 333497
Ion Ratio Lower Upper
117 100
82 51.5 40.2 60.4
119 32.7 26.5 39.7



#64
Tetrachloroethene
Concen: 48.268 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion:164 Resp: 124938
Ion Ratio Lower Upper
164 100
166 124.3 89.2 133.8
129 95.9 68.4 102.6
131 88.9 68.7 103.1





#65

Chlorobenzene

Concen: 49.854 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

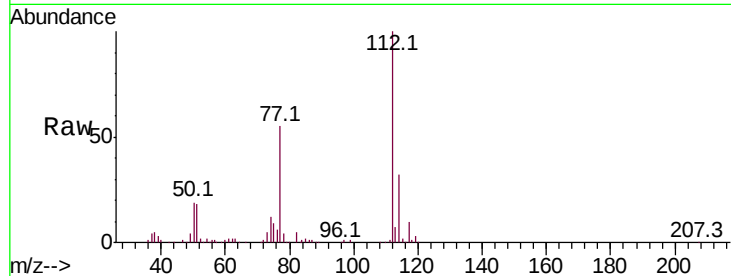
VSTDCCC050

Tot Ion:112 Resp: 326772

Ion Ratio Lower Upper

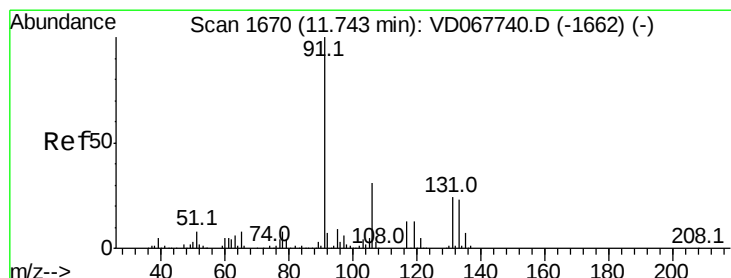
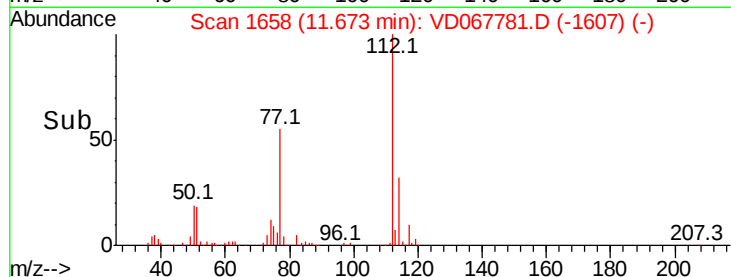
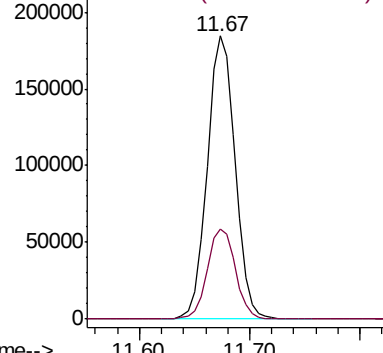
112 100

114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.349 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

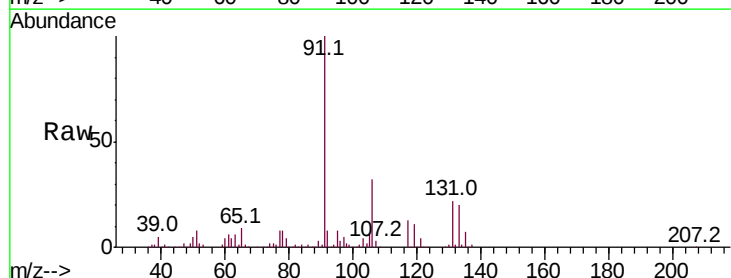
Tgt Ion:131 Resp: 133494

Ion Ratio Lower Upper

131 100

133 95.5 49.0 147.0

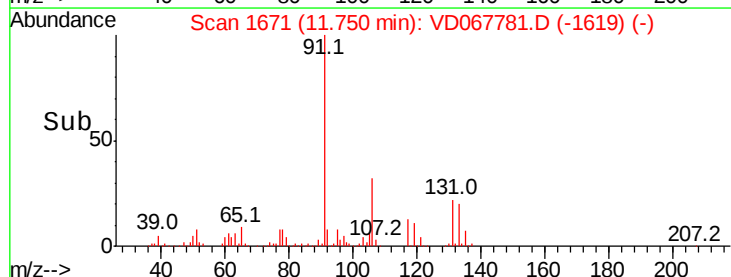
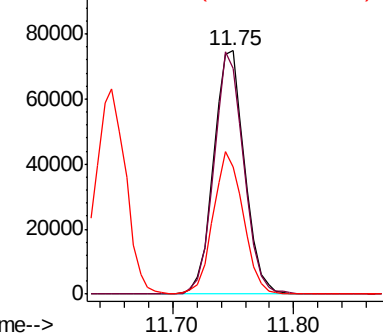
119 56.9 28.8 86.5

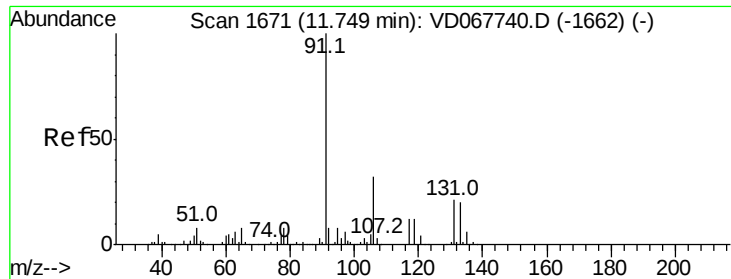


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.407 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

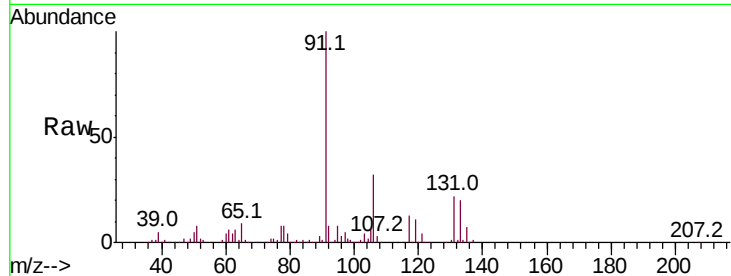
VSTDCCC050

Tot Ion: 91 Resp: 570387

Ion Ratio Lower Upper

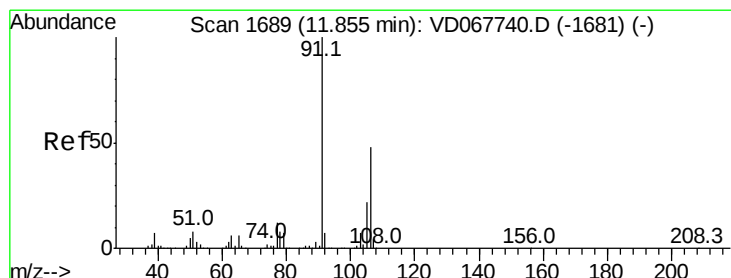
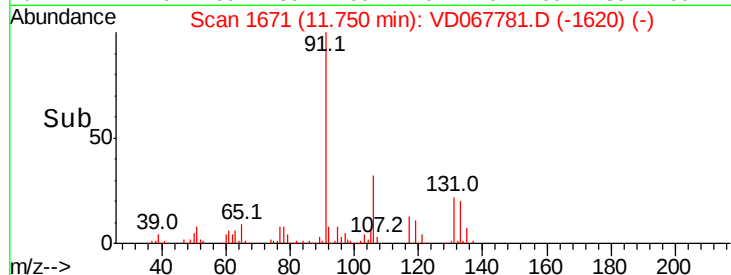
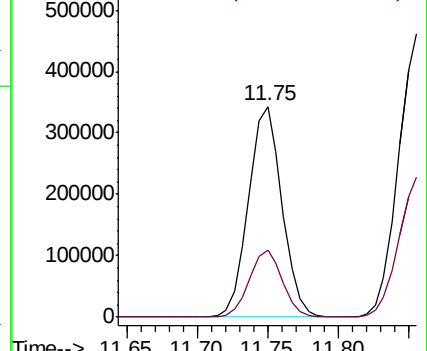
91 100

106 31.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.705 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067781.D

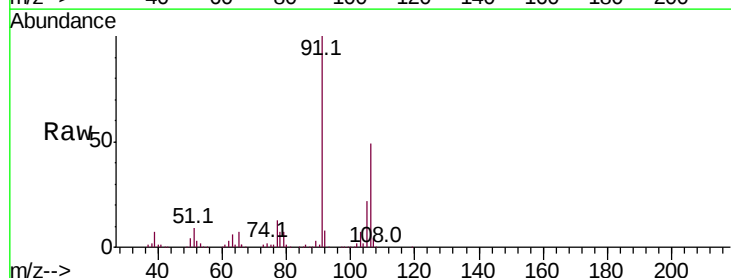
Acq: 25 Nov 2020 12:21

Tgt Ion: 106 Resp: 443452

Ion Ratio Lower Upper

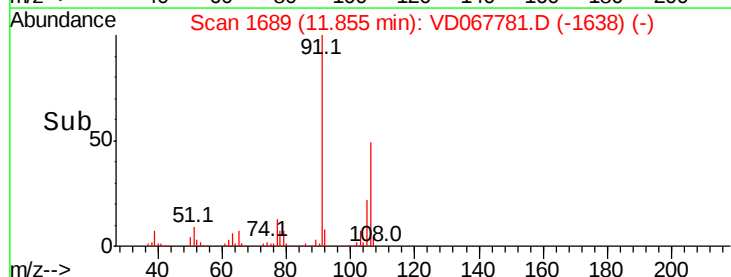
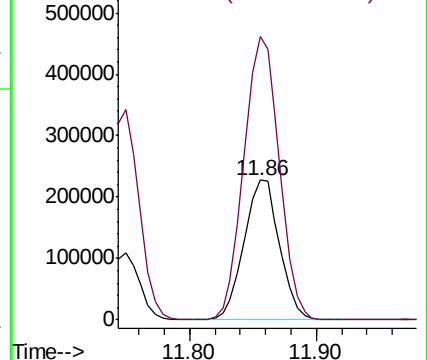
106 100

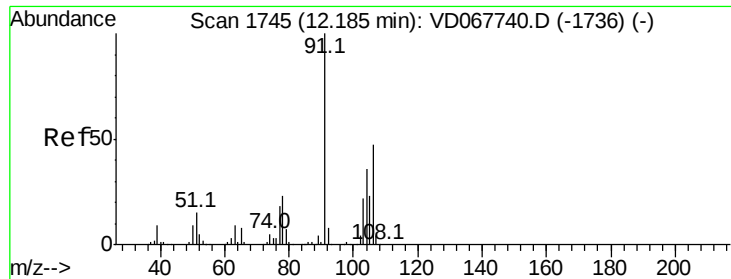
91 202.3 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

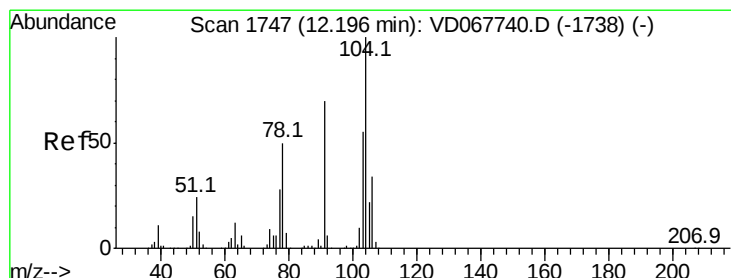
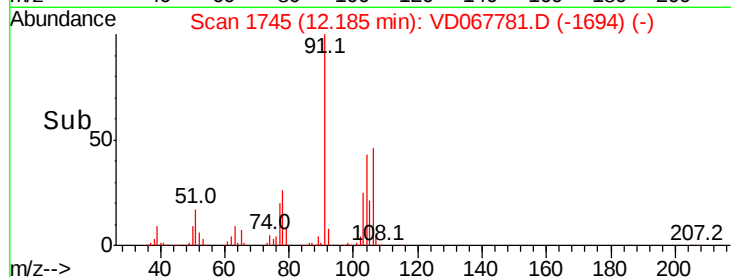
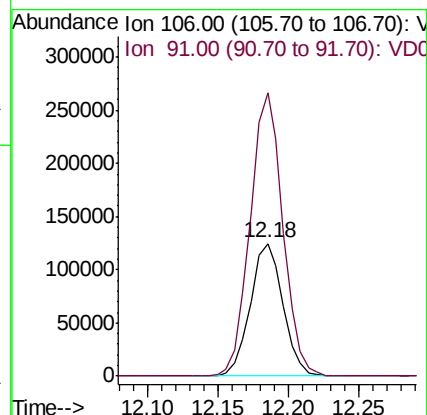
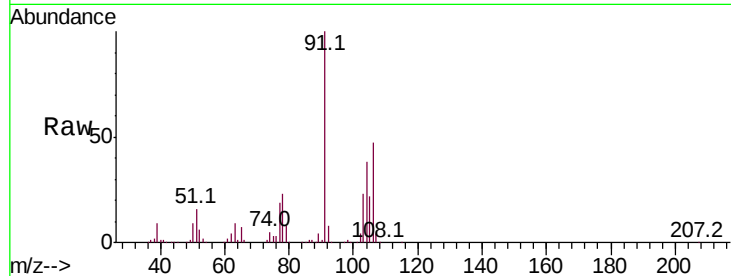




#69
o-Xylene
Concen: 50.649 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

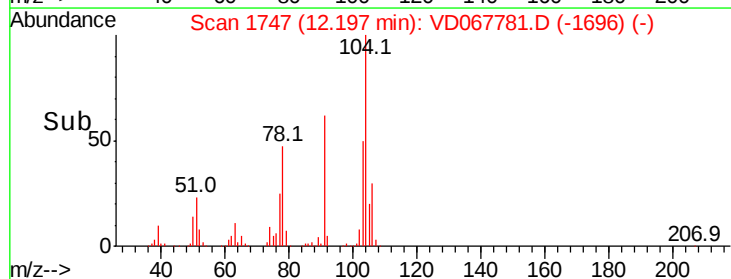
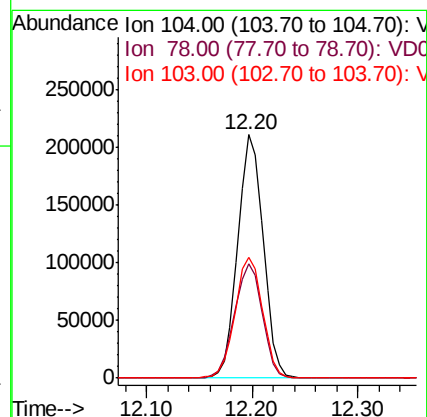
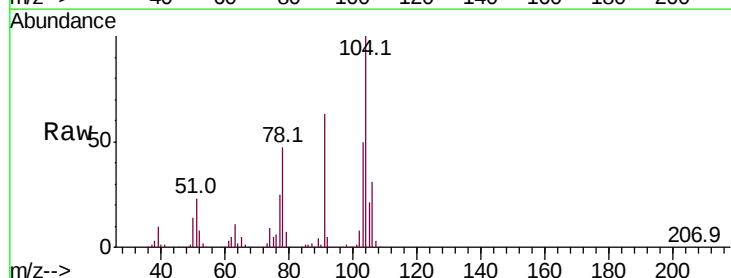
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

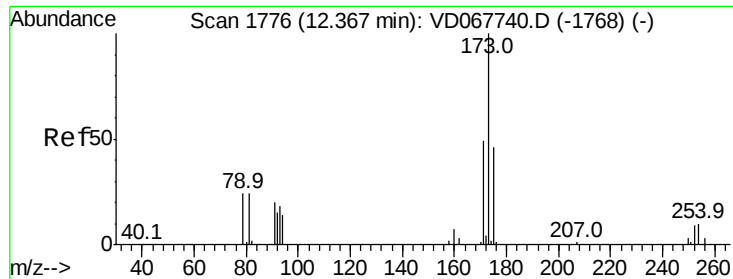
Tot Ion:106 Resp: 203068
Ion Ratio Lower Upper
106 100
91 212.9 106.2 318.6



#70
Styrene
Concen: 51.428 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion:104 Resp: 351210
Ion Ratio Lower Upper
104 100
78 51.2 41.9 62.9
103 53.7 44.1 66.1

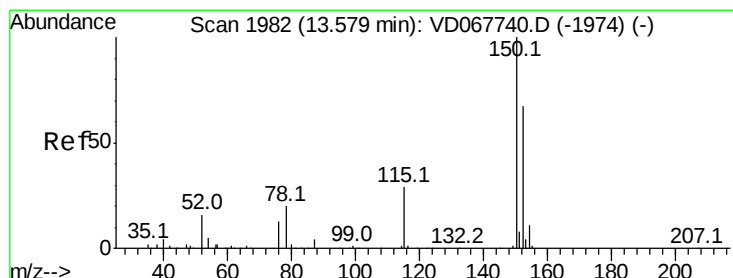
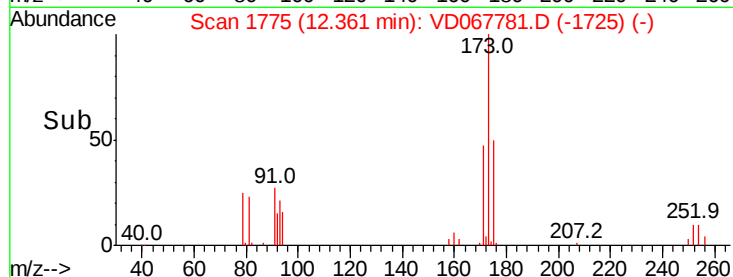
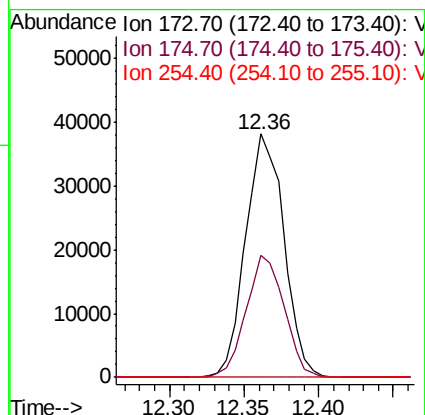
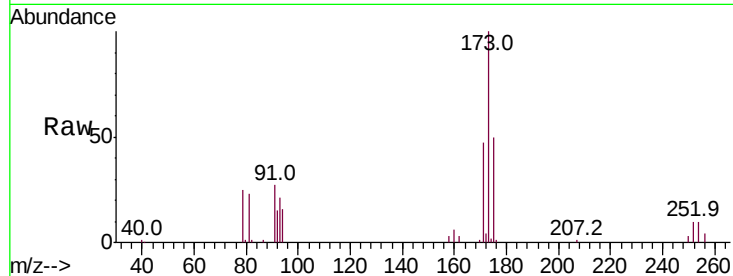




#71
Bromoform
Concen: 47.061 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

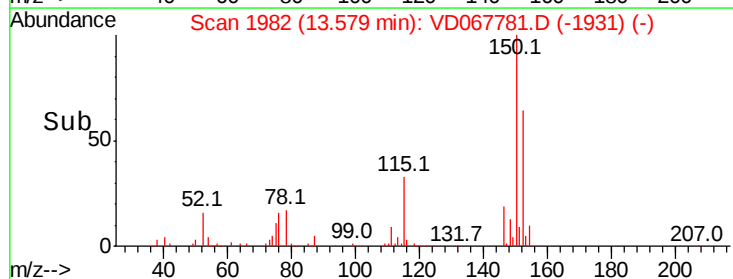
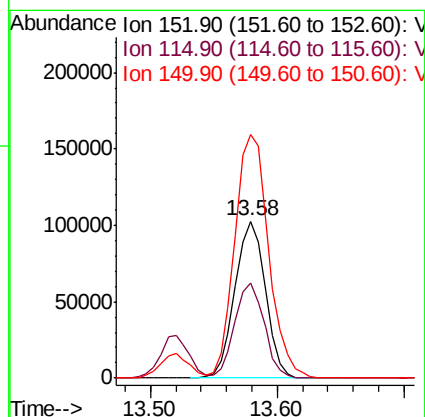
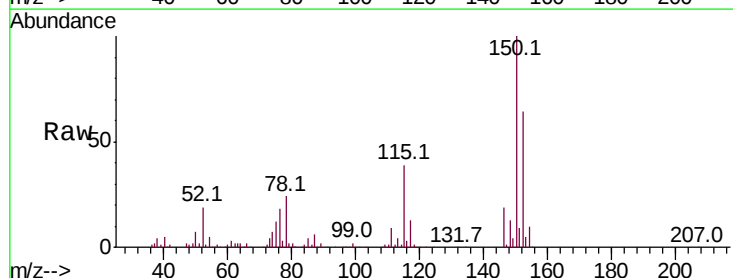
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

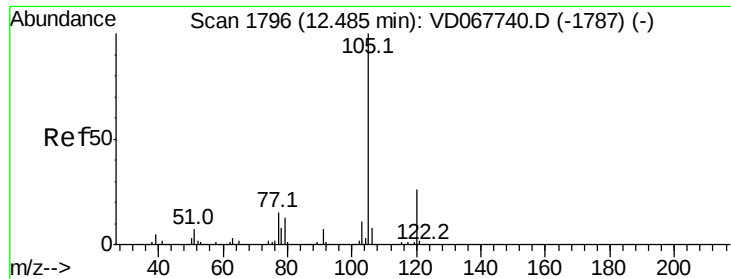
Tot Ion:173 Resp: 67736
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion:152 Resp: 170673
Ion Ratio Lower Upper
152 100
115 59.1 29.4 88.3
150 172.3 0.0 340.6





#73

Isopropylbenzene

Concen: 51.084 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

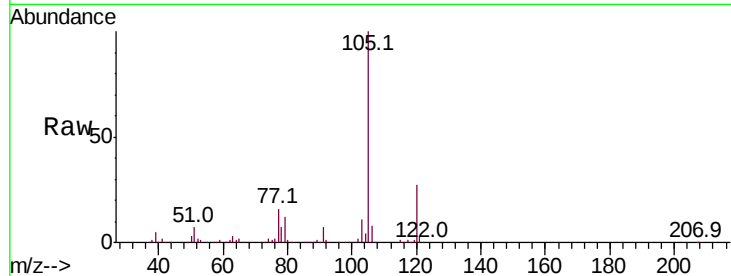
VSTDCCC050

Tot Ion:105 Resp: 573653

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

400000

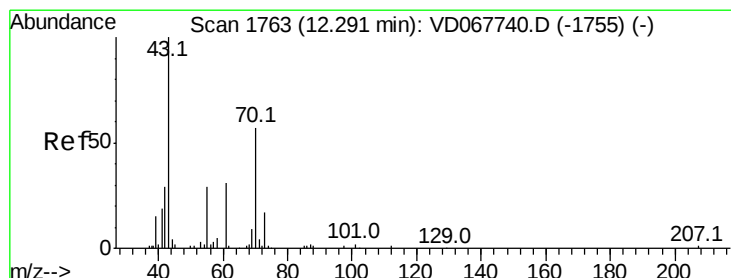
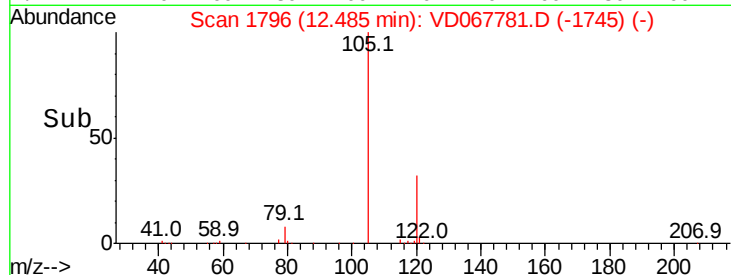
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 45.477 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Tgt Ion: 43 Resp: 67346

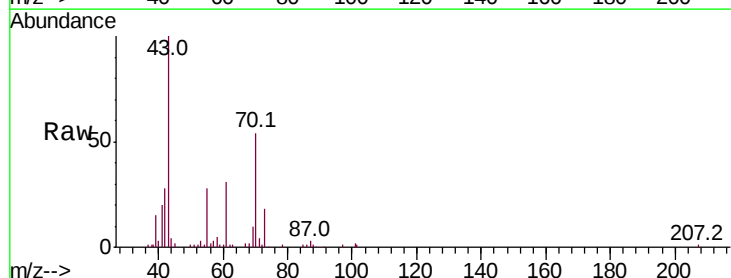
Ion Ratio Lower Upper

43 100

70 55.5 44.6 66.8

55 29.7 24.2 36.2

61 30.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

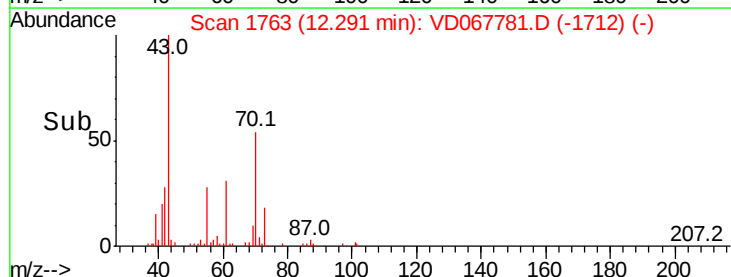
60000

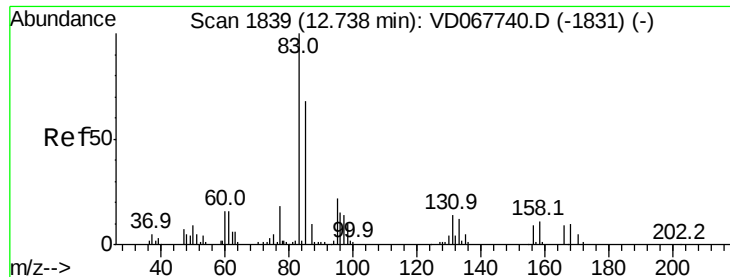
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.237 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

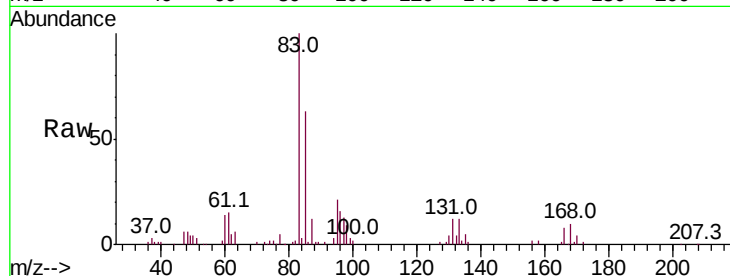
Tot Ion: 83 Resp: 71189

Ion Ratio Lower Upper

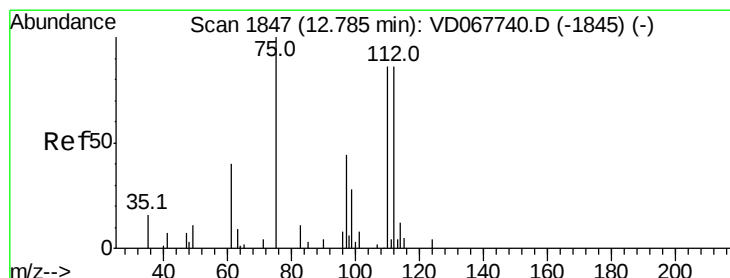
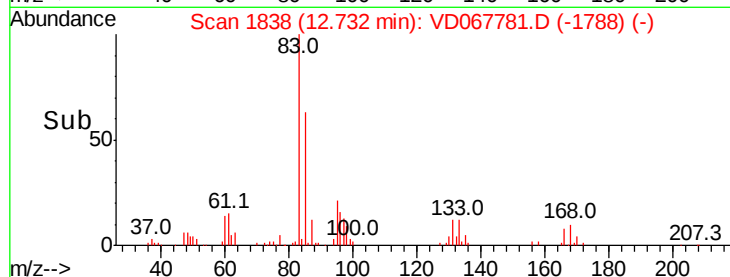
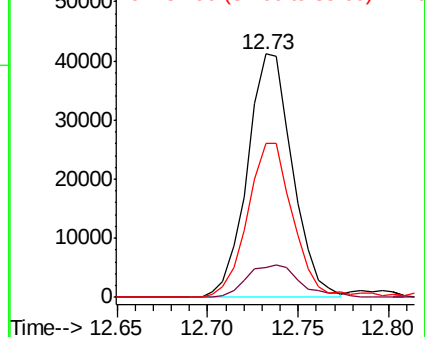
83 100

131 15.6 8.1 24.1

85 64.8 33.9 101.7



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: 88.300 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067781.D

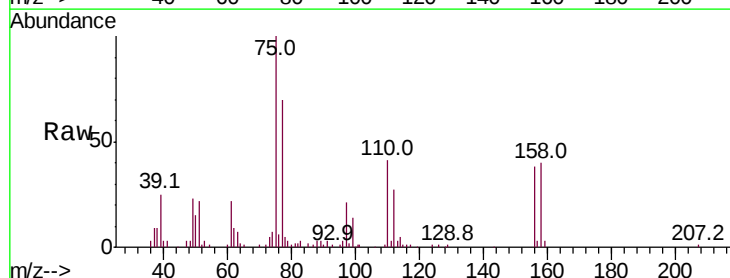
Acq: 25 Nov 2020 12:21

Tgt Ion: 75 Resp: 105034

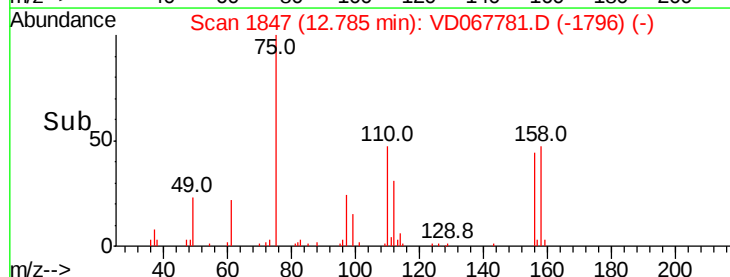
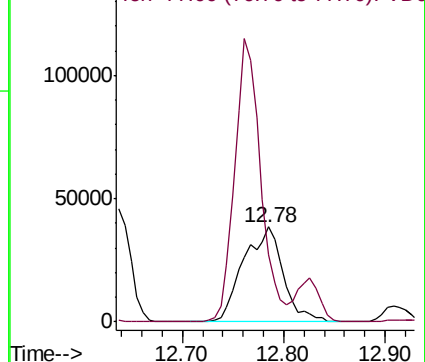
Ion Ratio Lower Upper

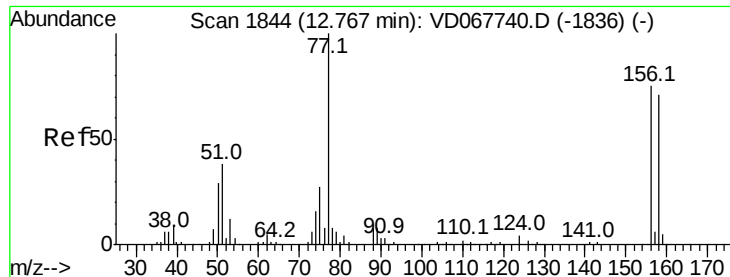
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 49.683 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

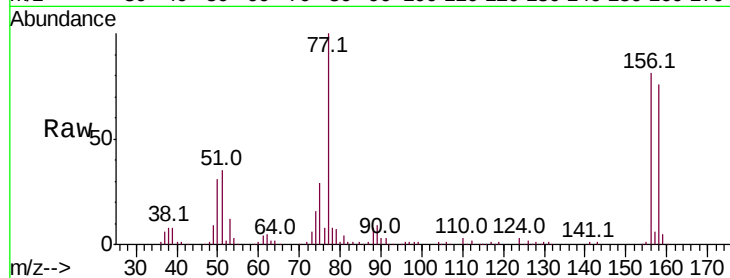
Tot Ion:156 Resp: 139661

Ion Ratio Lower Upper

156 100

77 147.3 73.5 220.3

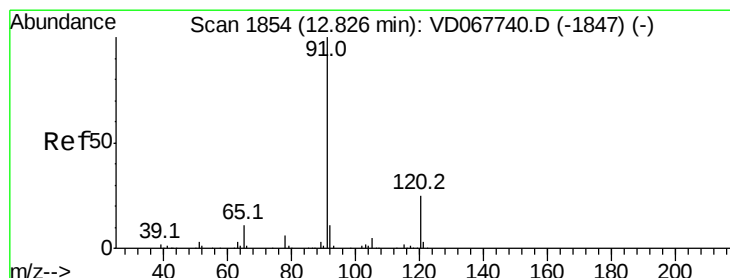
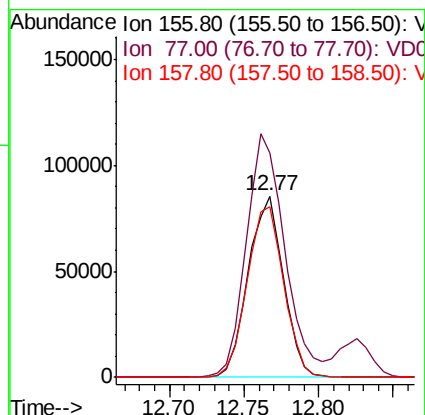
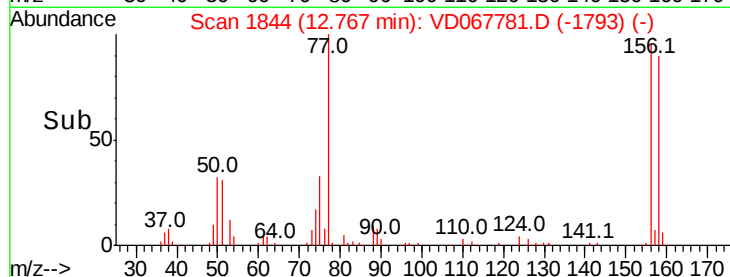
158 97.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.935 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD067781.D

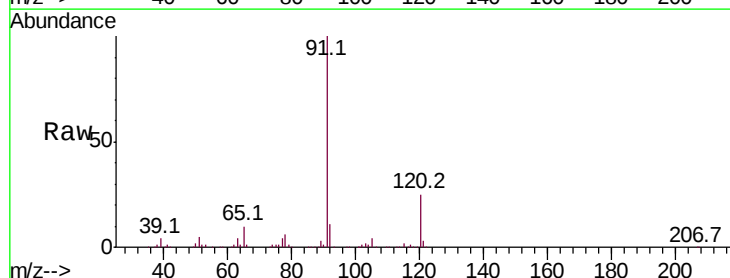
Acq: 25 Nov 2020 12:21

Tgt Ion: 91 Resp: 636355

Ion Ratio Lower Upper

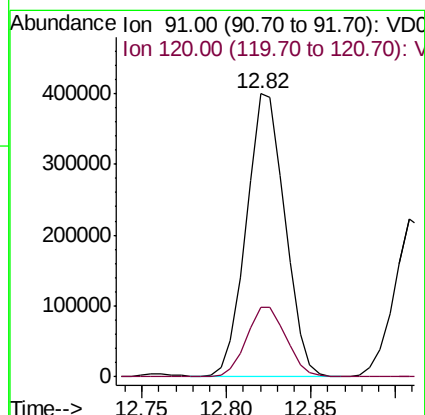
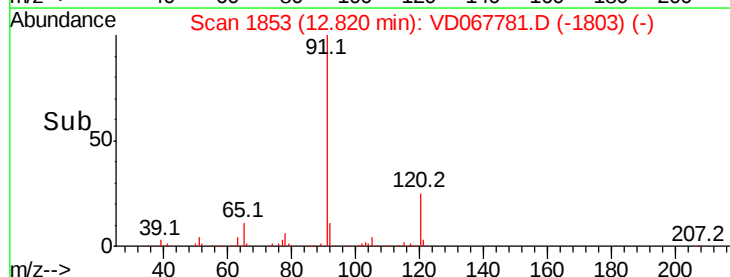
91 100

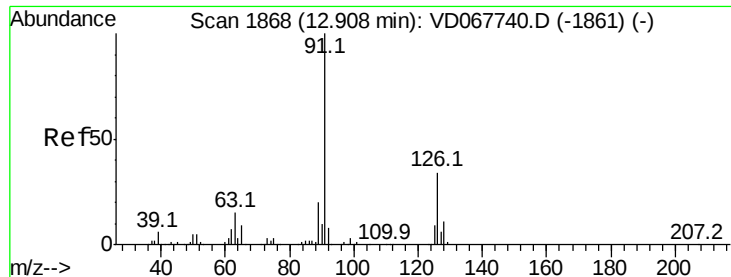
120 25.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

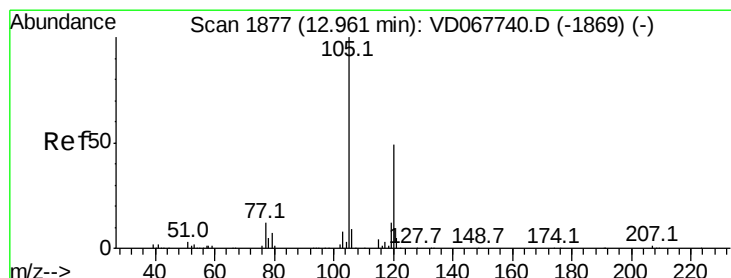
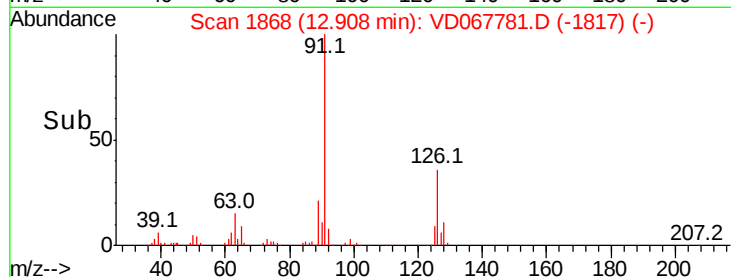
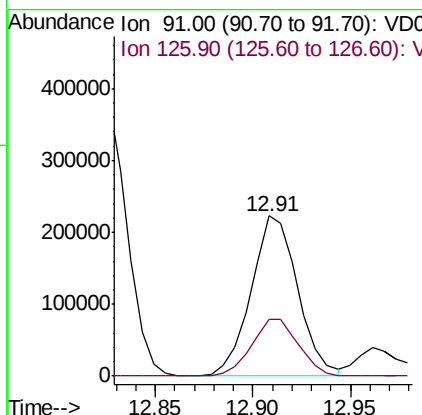
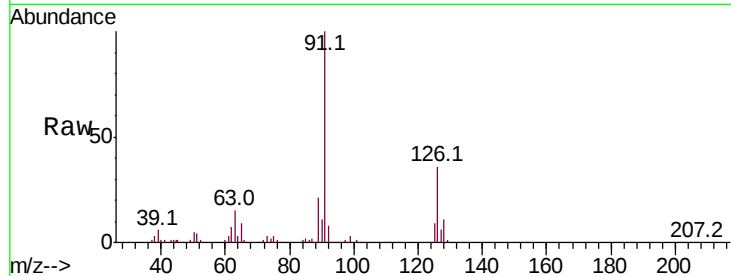




#79
 2-Chlorotoluene
 Concen: 49.773 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

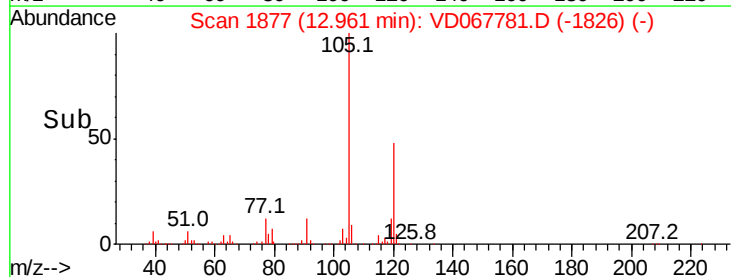
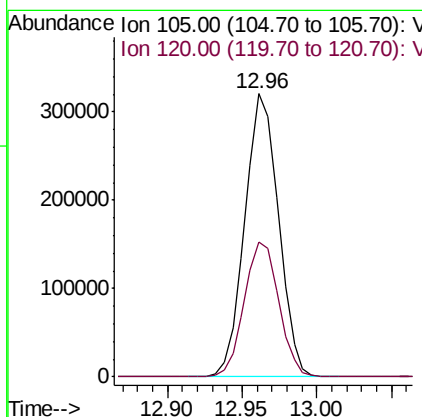
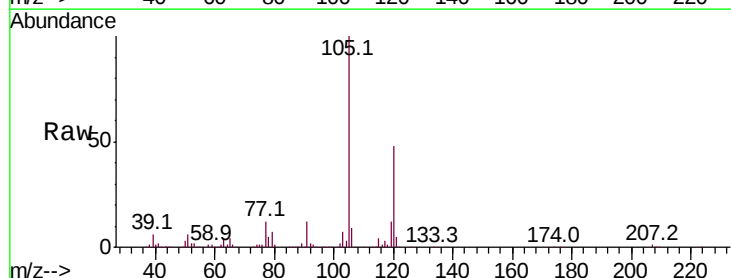
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

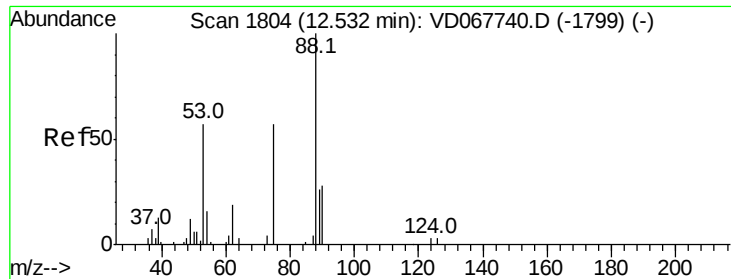
Tot Ion: 91 Resp: 368163
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.165 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Tgt Ion: 105 Resp: 499736
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 47.514 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

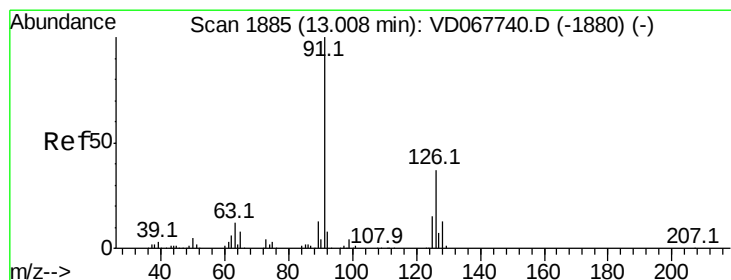
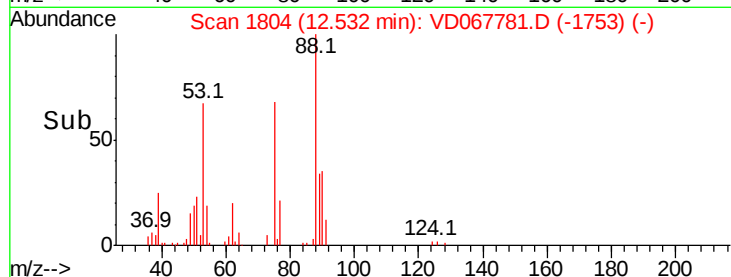
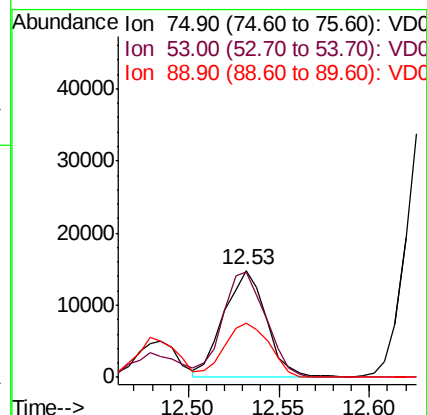
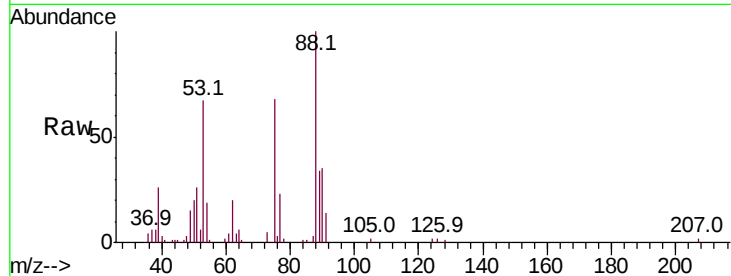
Tot Ion: 75 Resp: 24164

Ion Ratio Lower Upper

75 100

53 100.7 76.0 114.0

89 53.6 40.2 60.4



#82

4-Chlorotoluene

Concen: 50.613 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067781.D

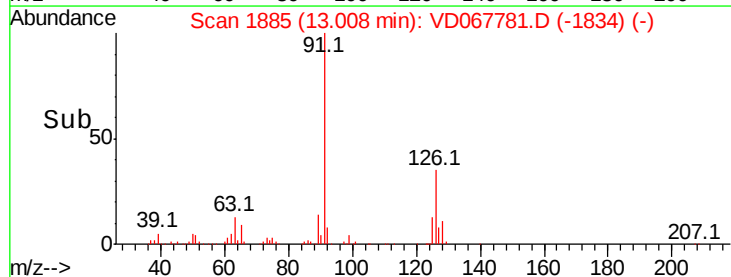
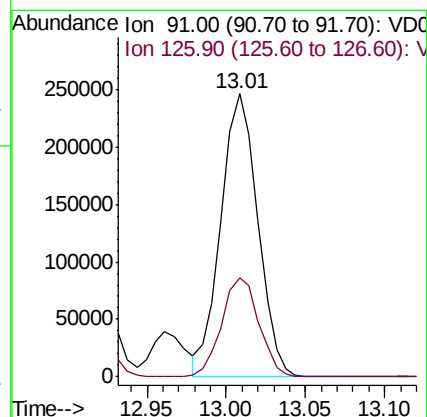
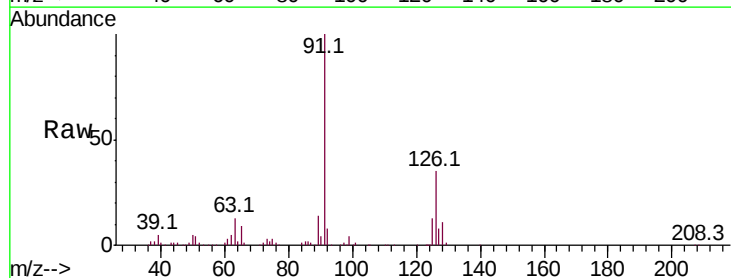
Acq: 25 Nov 2020 12:21

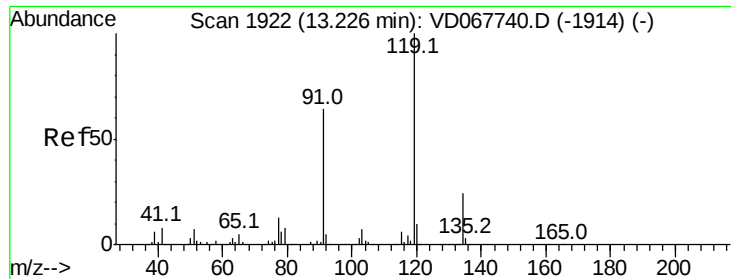
Tgt Ion: 91 Resp: 398917

Ion Ratio Lower Upper

91 100

126 35.3 17.7 53.1

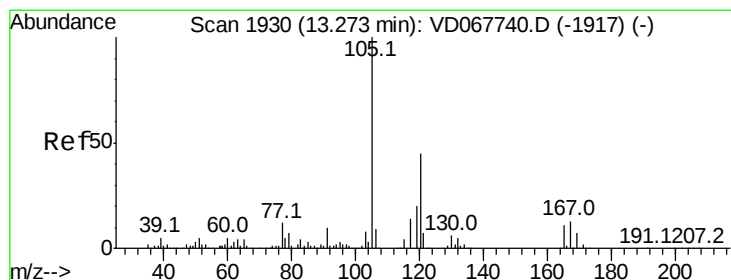
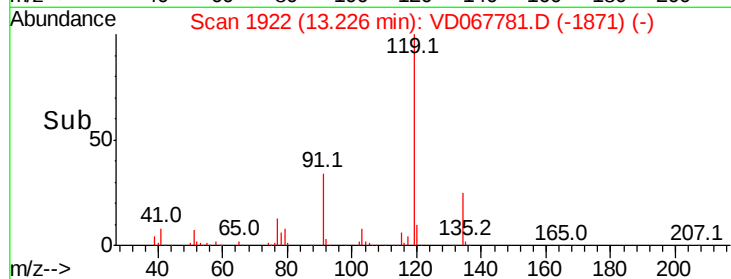
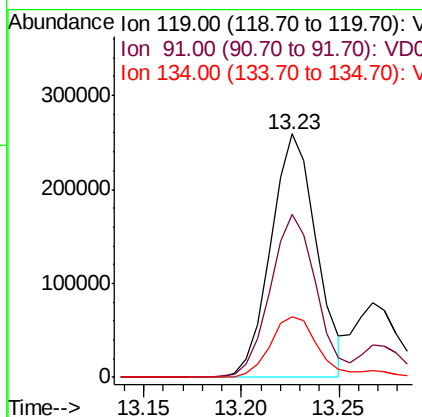
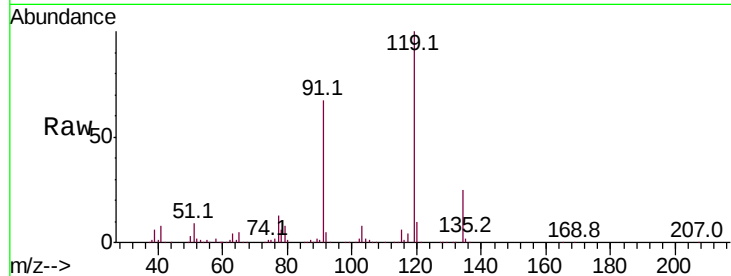




#83
tert-Butylbenzene
Concen: 49.948 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

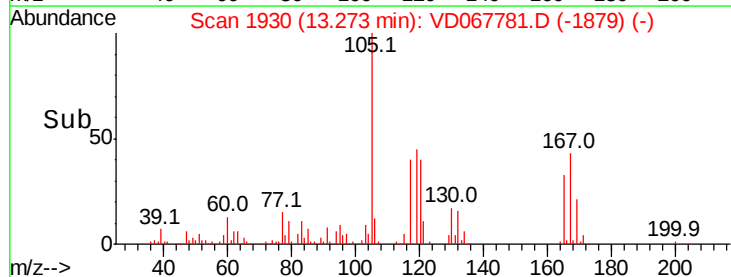
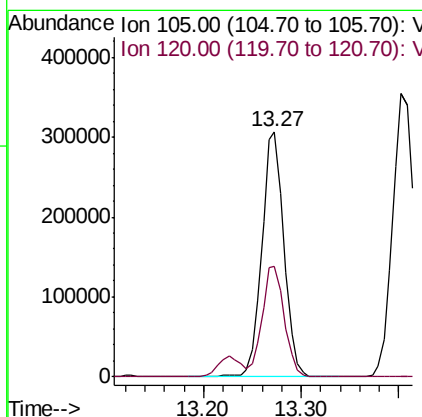
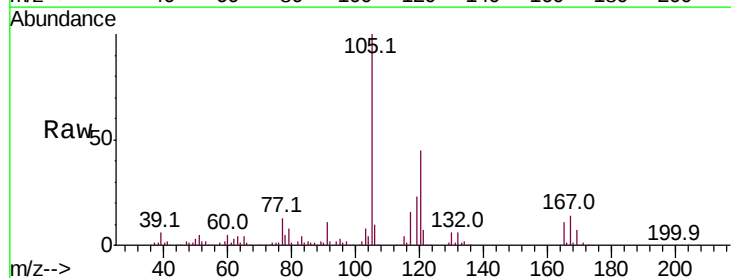
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

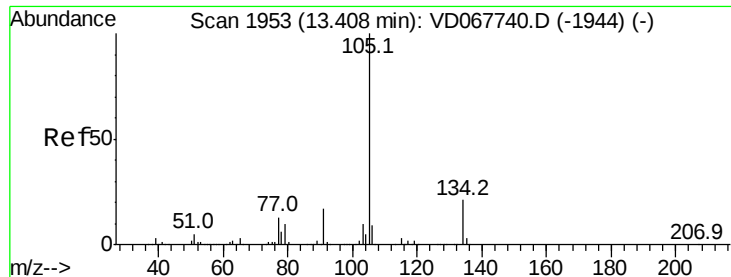
Tot Ion:119 Resp: 419210
Ion Ratio Lower Upper
119 100
91 67.7 32.9 98.7
134 26.1 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 50.159 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion:105 Resp: 489393
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 50.510 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

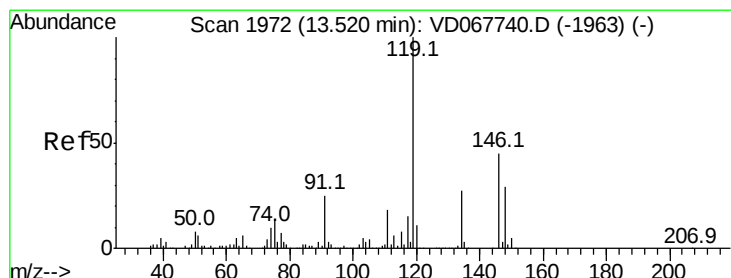
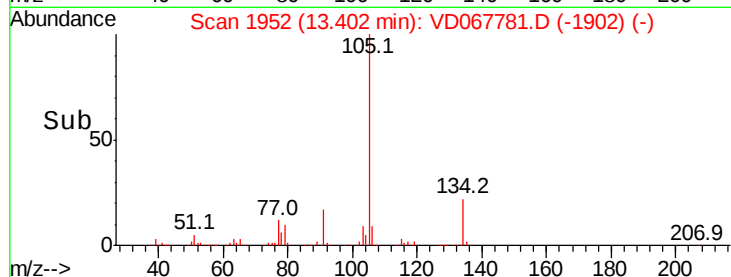
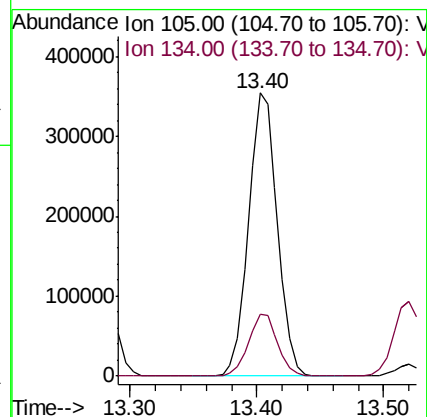
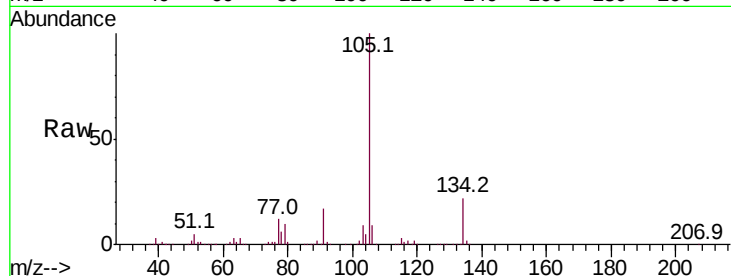
VSTDCCC050

Tot Ion:105 Resp: 556922

Ion Ratio Lower Upper

105 100

134 22.2 10.7 32.1



#86

p-Isopropyltoluene

Concen: 51.221 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

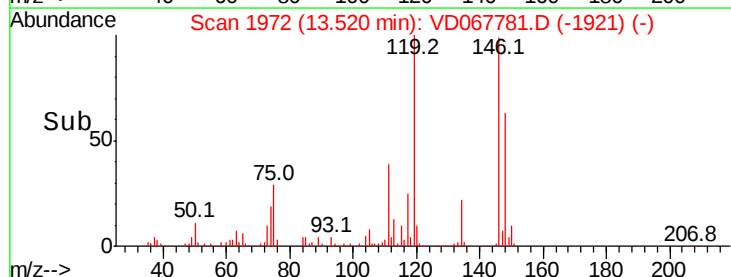
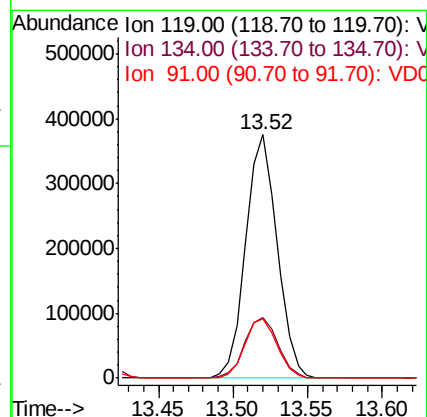
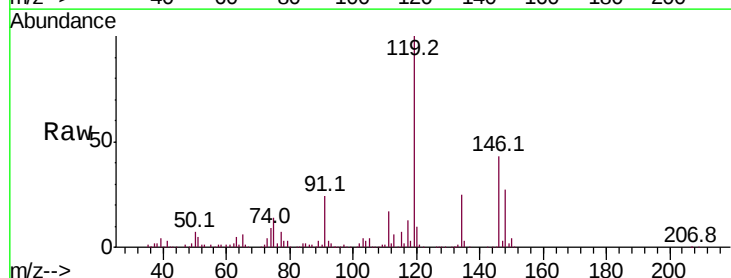
Tgt Ion:119 Resp: 547016

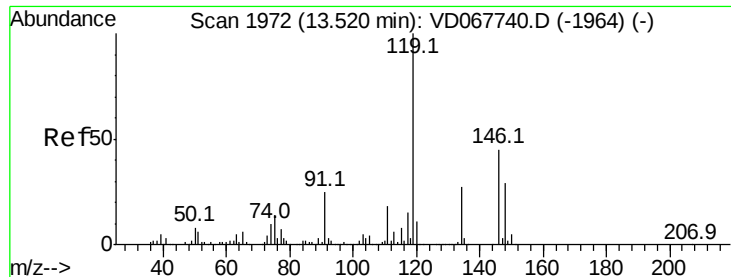
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 24.8 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 48.353 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

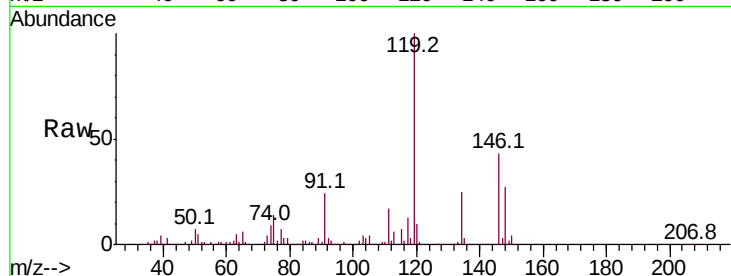
Tot Ion:146 Resp: 263058

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.6

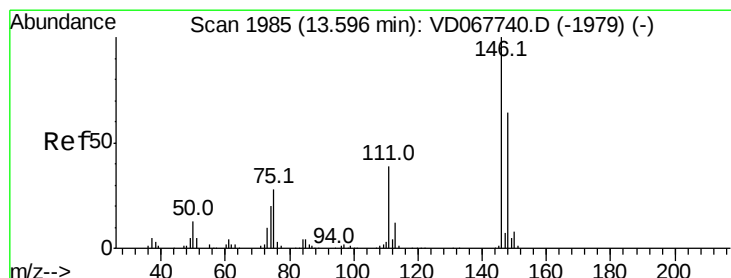
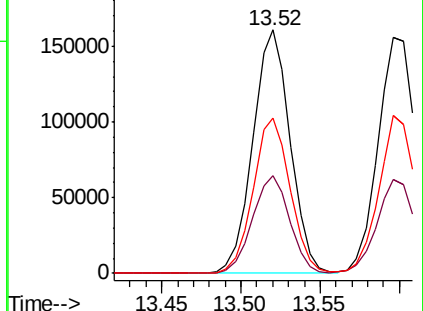
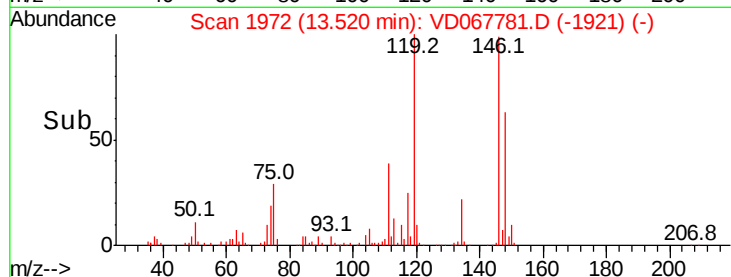
148 63.3 32.5 97.4



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



#88

1,4-Dichlorobenzene

Concen: 48.331 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD067781.D

Acq: 25 Nov 2020 12:21

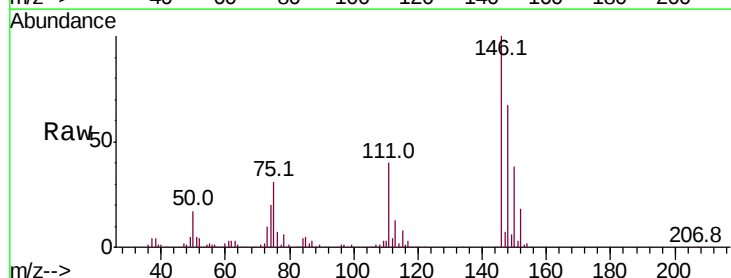
Tgt Ion:146 Resp: 260462

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.4

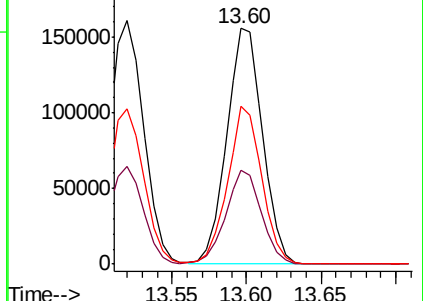
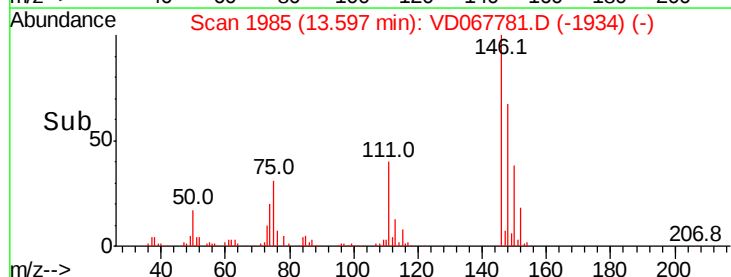
148 63.8 31.6 94.8

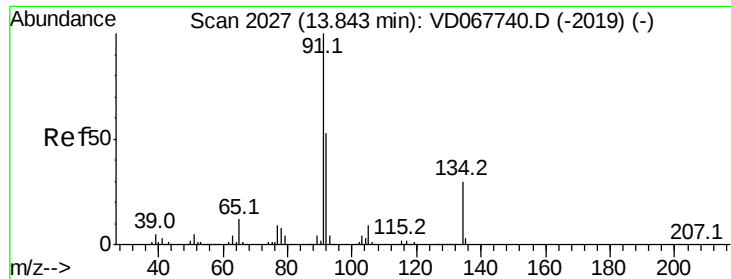


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

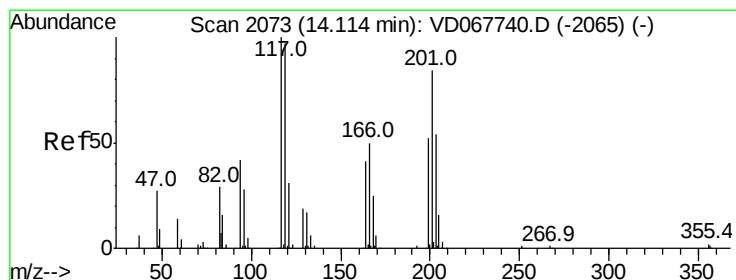
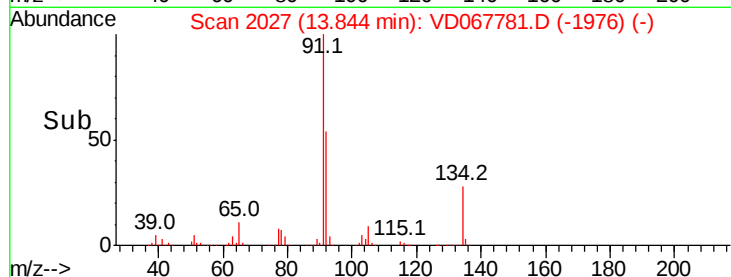
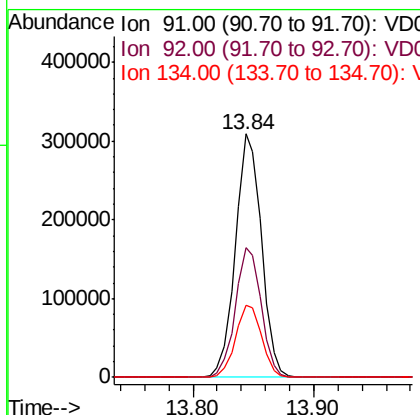
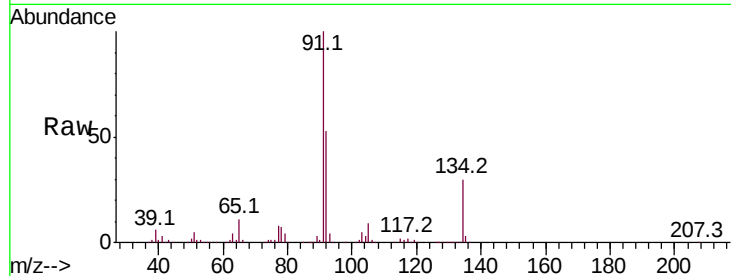




#89
n-Butylbenzene
Concen: 50.628 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

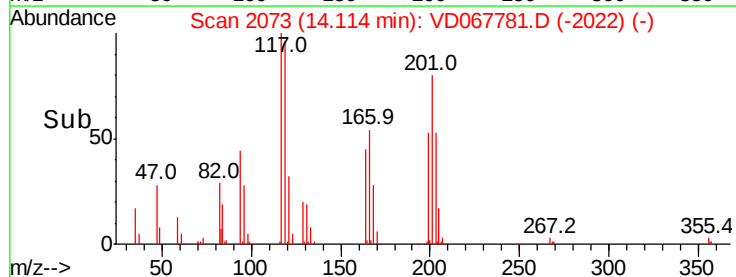
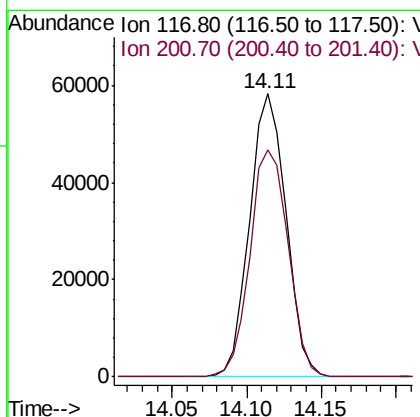
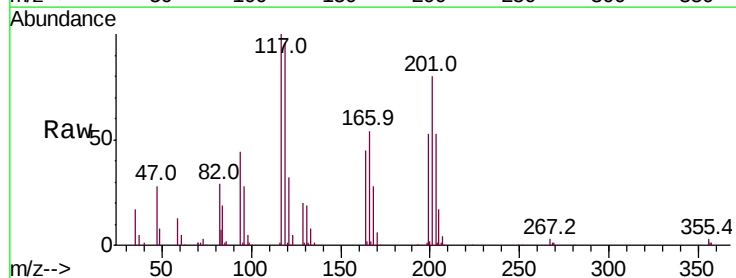
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

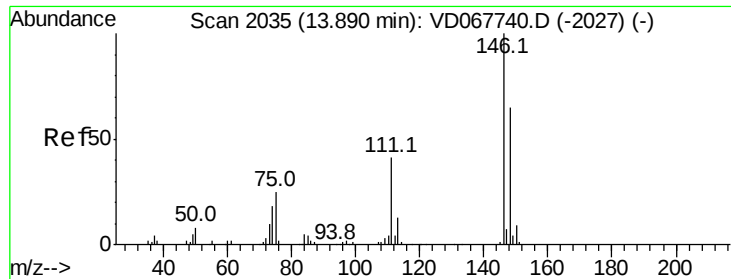
Tot Ion: 91 Resp: 463332
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 29.8 14.8 44.3



#90
Hexachloroethane
Concen: 48.282 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion: 117 Resp: 98158
Ion Ratio Lower Upper
117 100
201 84.1 42.2 126.6

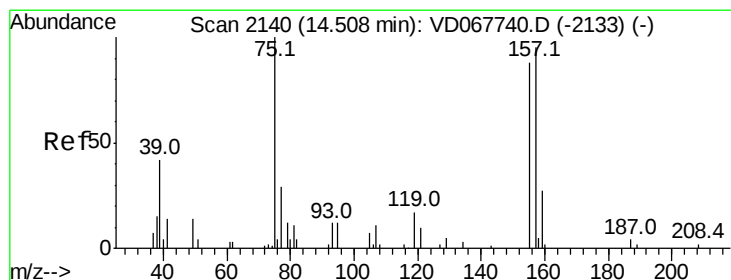
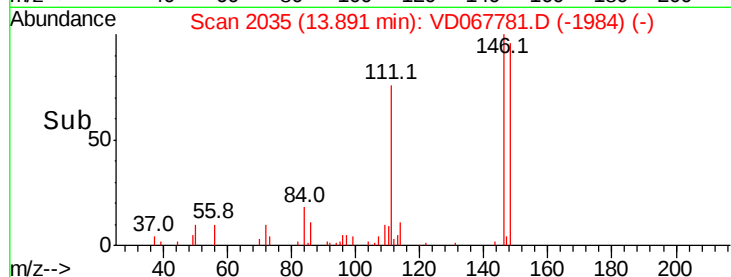
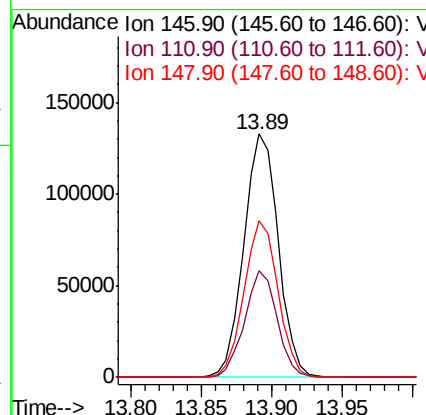
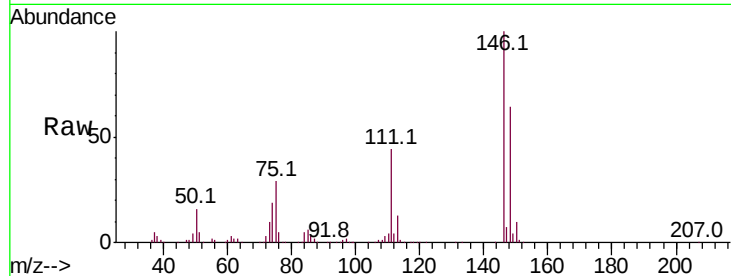




#91
 1,2-Dichlorobenzene
 Concen: 48.343 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

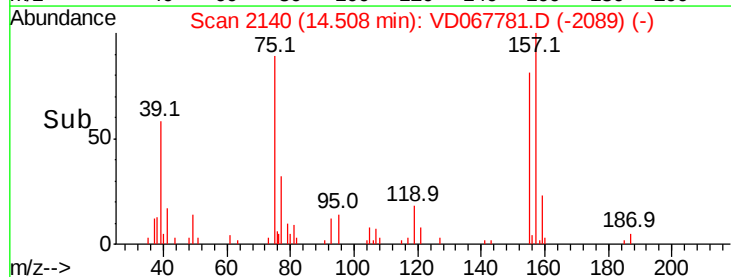
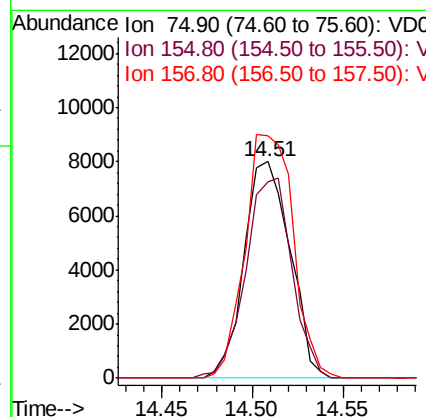
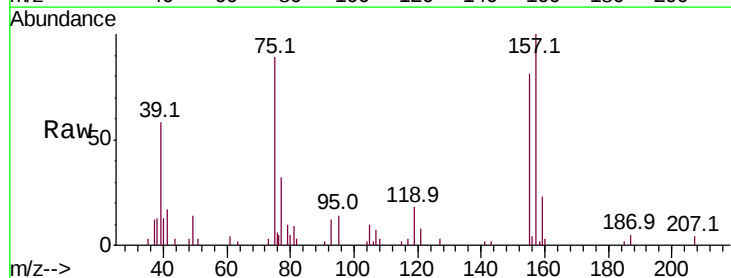
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

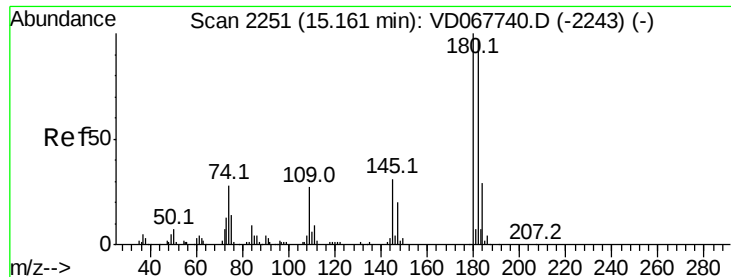
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.5
148	63.5	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.497 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	41.0	123.0
157	118.0	51.1	153.4

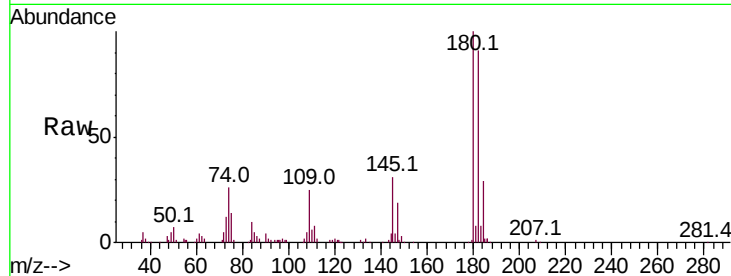




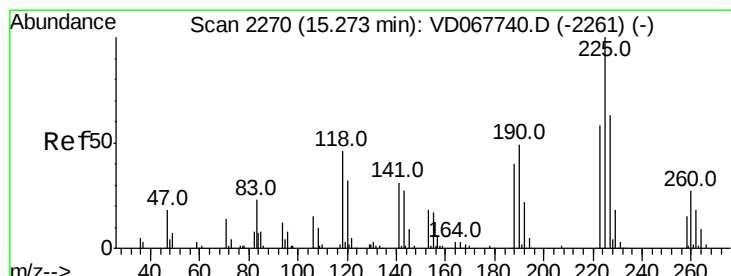
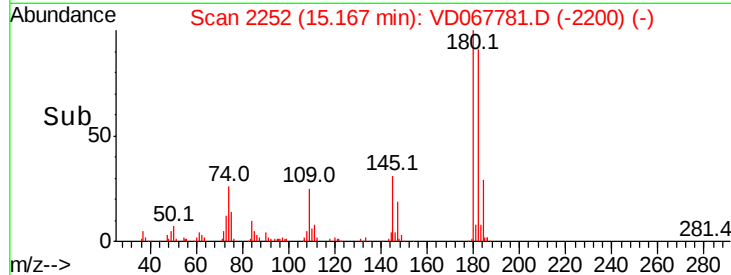
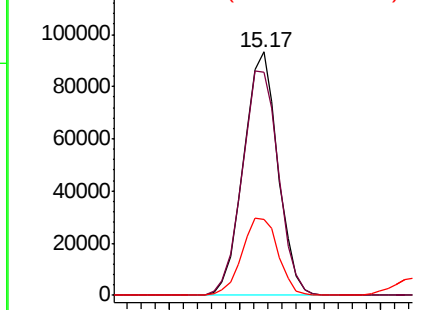
#93
 1,2,4-Trichlorobenzene
 Concen: 48.040 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 159412
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.4 142.2
 145 33.1 16.1 48.3

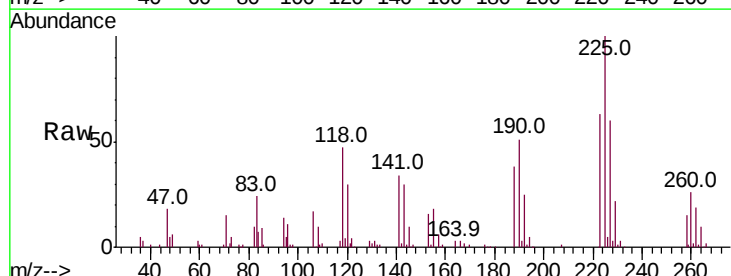


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

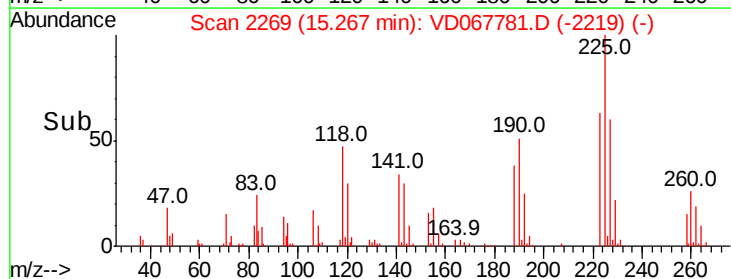
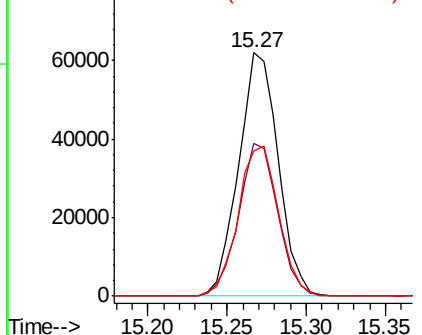


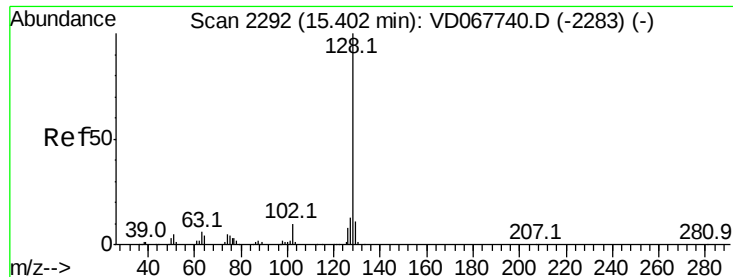
#94
 Hexachlorobutadiene
 Concen: 50.686 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD067781.D
 Acq: 25 Nov 2020 12:21

Tgt Ion:225 Resp: 107463
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.5 94.5
 227 63.1 32.9 98.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

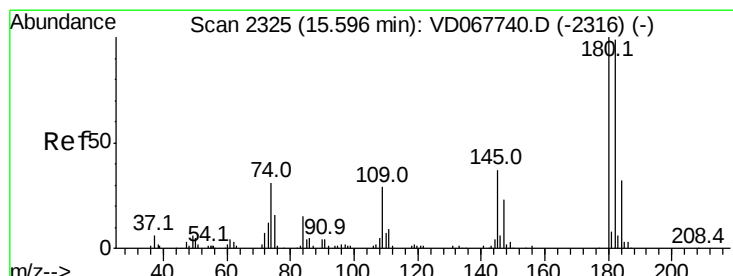
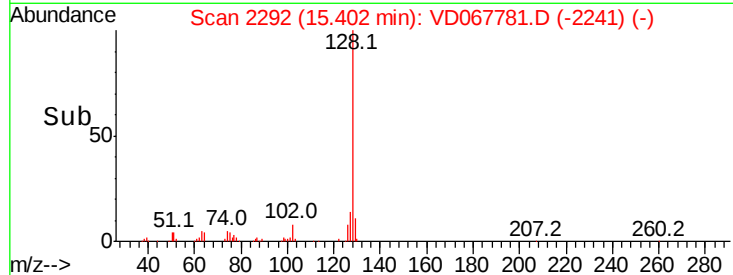
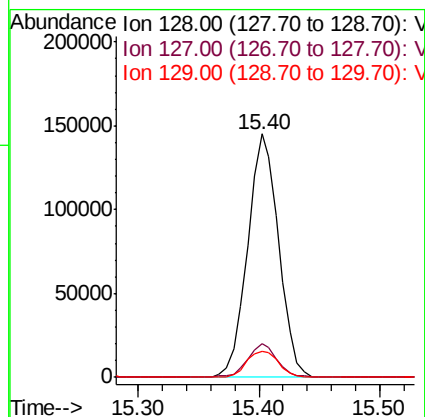
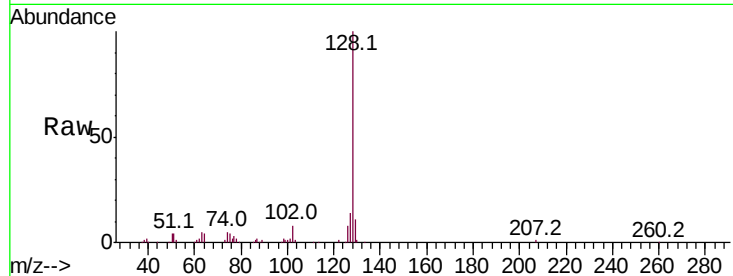




#95
Naphthalene
Concen: 48.385 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	11.2	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.634 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067781.D
Acq: 25 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.0
145	34.1	16.8	50.4

