

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067481.D
 Acq On : 30 Oct 2020 19:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 31 07:28:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	289197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	426790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	399736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	144330	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	7.92	113	146963	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.34	98	529625	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.64	95	188895	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	99789	42.315	ug/l	94
3) Chloromethane	2.21	50	76199	41.866	ug/l	97
4) Vinyl Chloride	2.35	62	87532	43.832	ug/l	96
5) Bromomethane	2.77	94	75272	54.371	ug/l	94
6) Chloroethane	2.93	64	58792	47.273	ug/l	95
7) Trichlorofluoromethane	3.27	101	248100	49.338	ug/l	99
8) Diethyl Ether	3.71	74	57591	50.050	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	135271	50.632	ug/l	99
10) Methyl Iodide	4.30	142	142791	57.939	ug/l	99
11) Tert butyl alcohol	5.23	59	37382	247.756	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	120935	50.668	ug/l	97
13) Acrolein	3.92	56	28791	173.523	ug/l	99
14) Allyl chloride	4.72	41	136338	49.880	ug/l	98
15) Acrylonitrile	5.42	53	102862	267.906	ug/l	99
16) Acetone	4.16	43	102546	252.719	ug/l	97
17) Carbon Disulfide	4.41	76	289797	42.590	ug/l	100
18) Methyl Acetate	4.72	43	50648	54.725	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	255893	53.919	ug/l	99
20) Methylene Chloride	4.97	84	143806	55.853	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	138596	50.460	ug/l	96
22) Diisopropyl ether	6.37	45	275725	55.221	ug/l	99
23) Vinyl Acetate	6.31	43	785400	276.481	ug/l	97
24) 1,1-Dichloroethane	6.27	63	226432	52.977	ug/l	98
25) 2-Butanone	7.21	43	121453	262.580	ug/l #	86
26) 2,2-Dichloropropane	7.21	77	231224	52.485	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	162560	54.002	ug/l	100
28) Bromochloromethane	7.55	49	74597	51.169	ug/l #	96
29) Tetrahydrofuran	7.57	42	67198	261.354	ug/l	96
30) Chloroform	7.71	83	277283	54.306	ug/l	94
31) Cyclohexane	7.99	56	155061	46.466	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	270937	54.082	ug/l	99
36) 1,1-Dichloropropene	8.11	75	187731	51.898	ug/l	98
37) Ethyl Acetate	7.30	43	54635	51.335	ug/l	96
38) Carbon Tetrachloride	8.10	117	250498	54.182	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	200536	53.029	ug/l	97
40) Benzene	8.36	78	545861	55.005	ug/l	99
41) Methacrylonitrile	7.57	41	75014	130.431	ug/l #	8
42) 1,2-Dichloroethane	8.43	62	167711	54.003	ug/l	98
43) Isopropyl Acetate	8.46	43	112891	53.457	ug/l	99
44) Trichloroethene	9.12	130	174958	55.064	ug/l	94
45) 1,2-Dichloropropane	9.39	63	122475	53.252	ug/l	98
46) Dibromomethane	9.48	93	75025	52.357	ug/l	99
47) Bromodichloromethane	9.67	83	215218	56.058	ug/l	98
48) Methyl methacrylate	9.46	41	54321	52.930	ug/l	99
49) 1,4-Dioxane	9.46	88	15187	1098.157	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	284872	270.454	ug/l	99
52) Toluene	10.41	92	381676	56.469	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	183060	54.279	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	213364	54.058	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	108869	55.715	ug/l	96
56) Ethyl methacrylate	10.67	69	116425	57.450	ug/l	97
57) 1,3-Dichloropropane	10.96	76	171208	55.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	271661	261.309	ug/l	99
59) 2-Hexanone	10.99	43	192891	267.994	ug/l	95
60) Dibromochloromethane	11.14	129	159388	55.932	ug/l	99
61) 1,2-Dibromoethane	11.25	107	103969	53.971	ug/l	100
64) Tetrachloroethene	10.88	164	154614	53.385	ug/l	93
65) Chlorobenzene	11.68	112	427130	55.722	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	171356	56.246	ug/l	99
67) Ethyl Benzene	11.75	91	731892	55.700	ug/l	96
68) m/p-Xylenes	11.86	106	567818	112.218	ug/l	99
69) o-Xylene	12.18	106	269024	57.415	ug/l	93
70) Styrene	12.20	104	453306	56.200	ug/l	98
71) Bromoform	12.37	173	89619	54.756	ug/l #	98
73) Isopropylbenzene	12.48	105	744208	56.879	ug/l	99
74) N-amyl acetate	12.29	43	102279	51.758	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	104198	51.975	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	142169	99.499	ug/l #	100
77) Bromobenzene	12.77	156	177172	54.315	ug/l	98
78) n-propylbenzene	12.83	91	844042	55.678	ug/l	99
79) 2-Chlorotoluene	12.91	91	477338	54.297	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	639952	56.285	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	34140	54.183	ug/l	94
82) 4-Chlorotoluene	13.01	91	520252	55.757	ug/l	99
83) tert-Butylbenzene	13.23	119	556675	57.961	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	640475	56.993	ug/l	99
85) sec-Butylbenzene	13.41	105	744047	56.459	ug/l	100
86) p-Isopropyltoluene	13.52	119	708763	56.980	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	342291	54.518	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	337969	54.332	ug/l	100
89) n-Butylbenzene	13.85	91	621659	56.809	ug/l	99
90) Hexachloroethane	14.12	117	117520	54.141	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	300979	54.874	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18674	51.273	ug/l	98

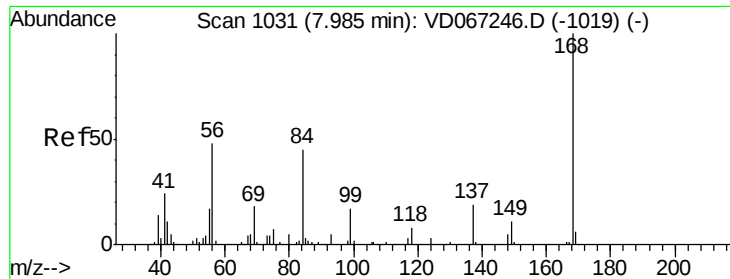
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	208283	56.323	ug/l	100
94) Hexachlorobutadiene	15.27	225	133063	57.943	ug/l	99
95) Naphthalene	15.41	128	341187	56.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	179409	56.157	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

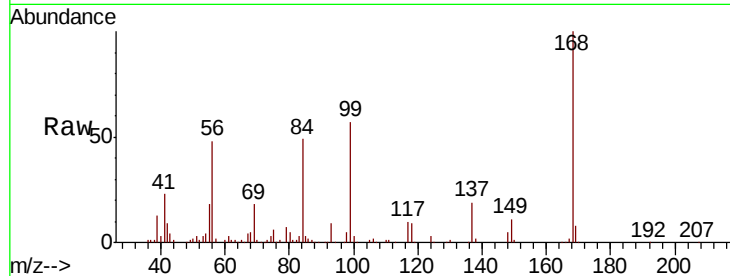
VSTDCCC050EC

Tot Ion:168 Resp: 289197

Ion Ratio Lower Upper

168 100

99 56.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

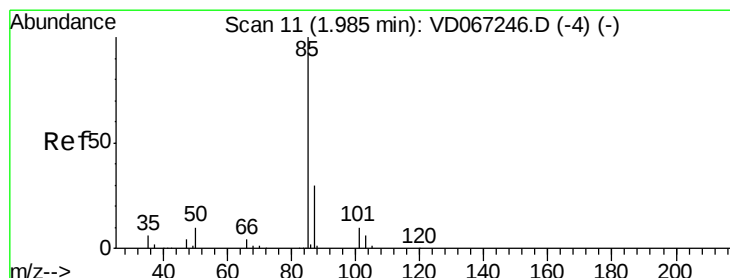
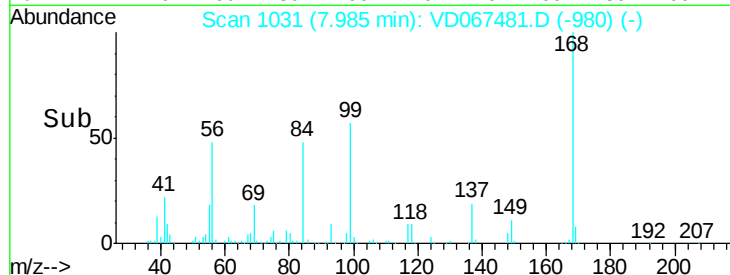
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.315 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067481.D

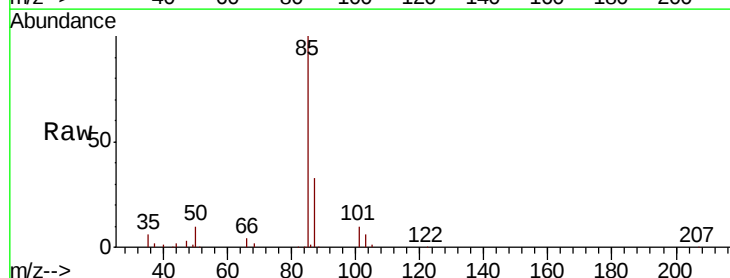
Acq: 30 Oct 2020 19:21

Tgt Ion: 85 Resp: 99789

Ion Ratio Lower Upper

85 100

87 33.4 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

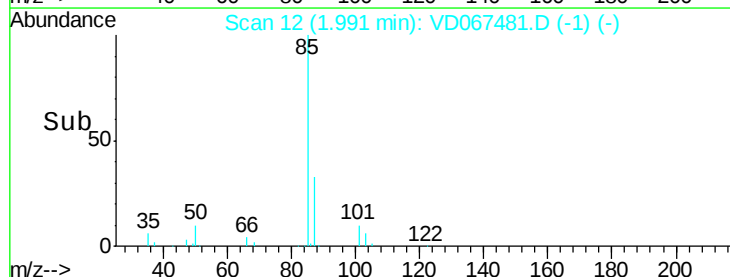
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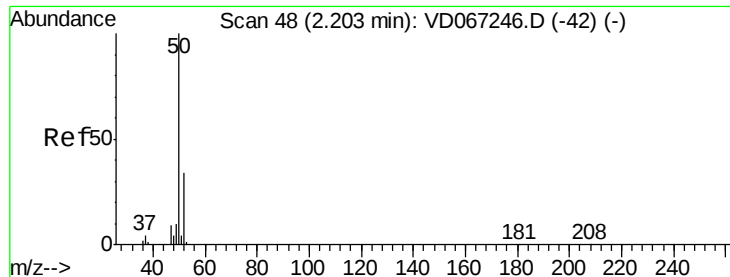
40000

20000

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Time-->





#3

Chloromethane

Concen: 41.866 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

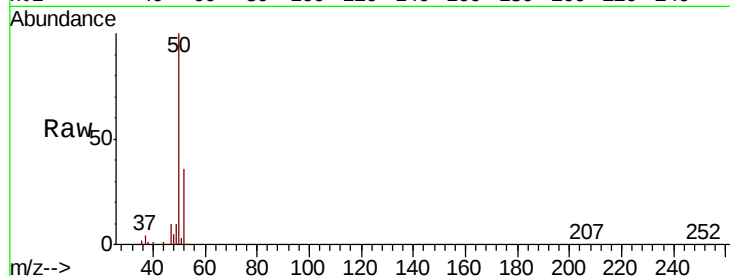
VSTDCCC050EC

Tot Ion: 50 Resp: 76199

Ion Ratio Lower Upper

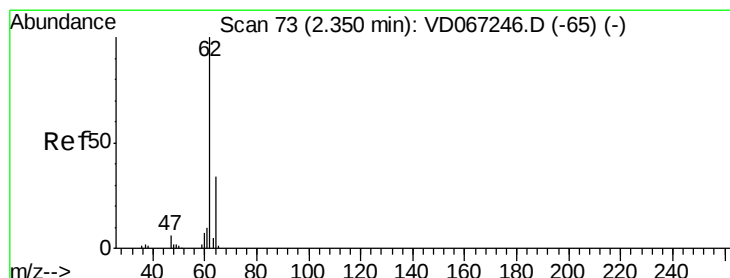
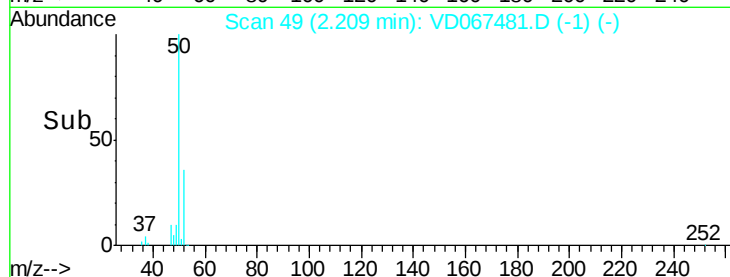
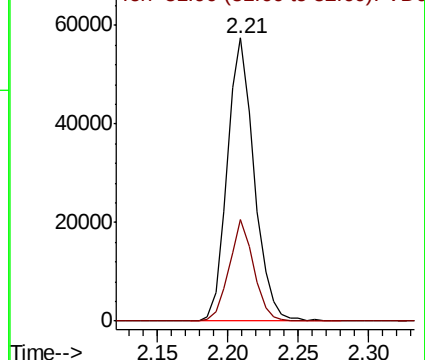
50 100

52 35.8 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.832 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067481.D

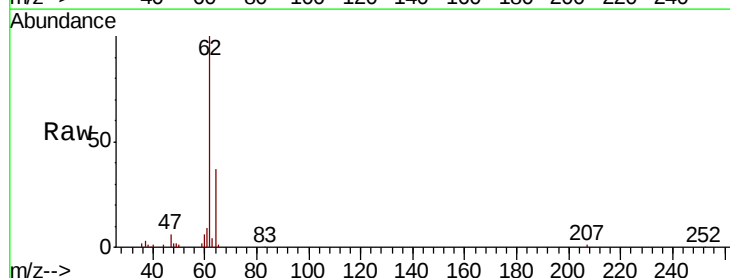
Acq: 30 Oct 2020 19:21

Tgt Ion: 62 Resp: 87532

Ion Ratio Lower Upper

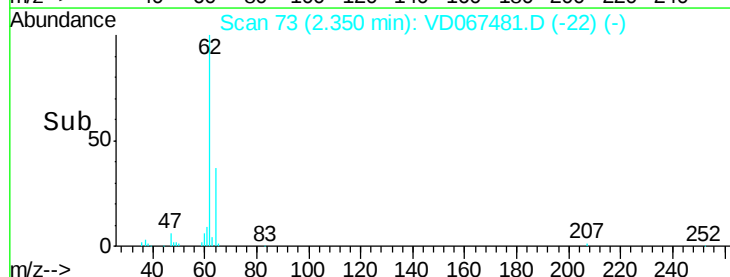
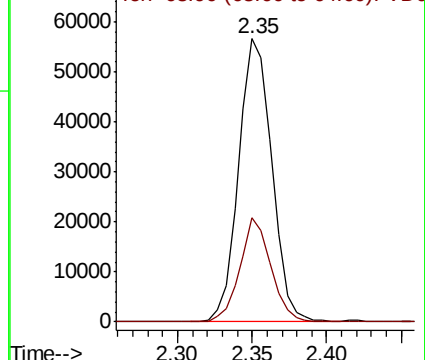
62 100

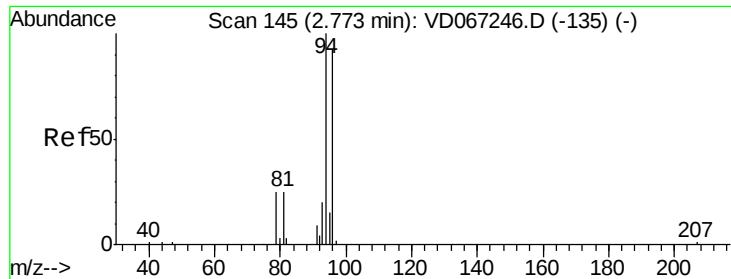
64 36.7 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 54.371 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

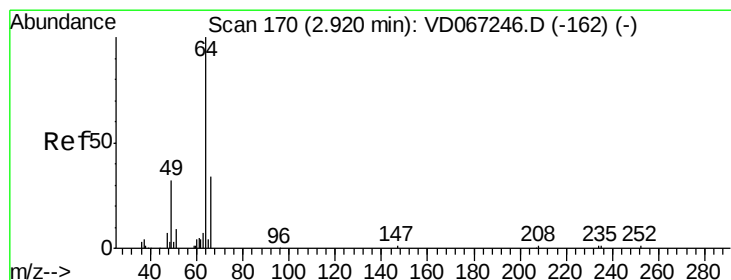
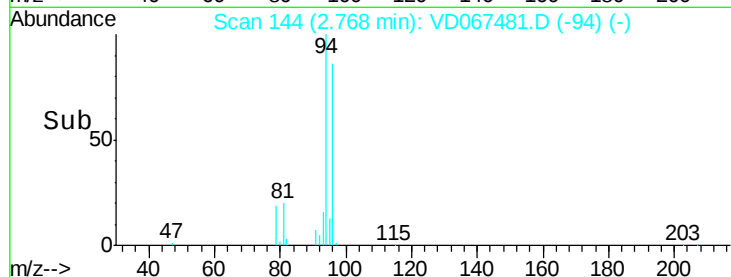
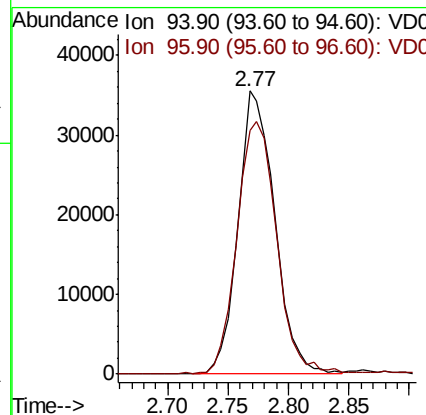
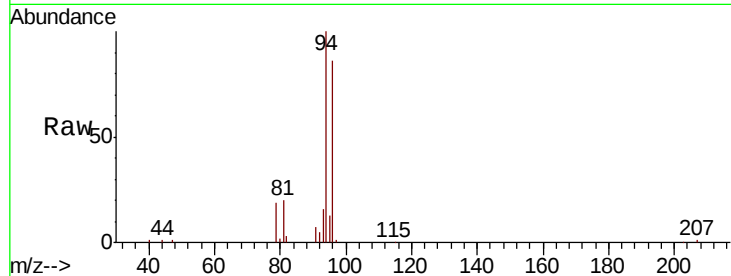
VSTDCCC050EC

Tot Ion: 94 Resp: 75272

Ion Ratio Lower Upper

94 100

96 86.2 73.8 110.6



#6

Chloroethane

Concen: 47.273 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD067481.D

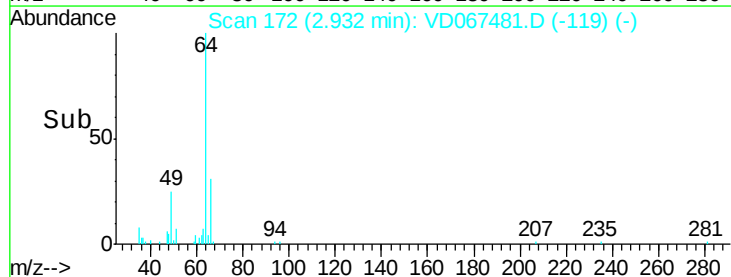
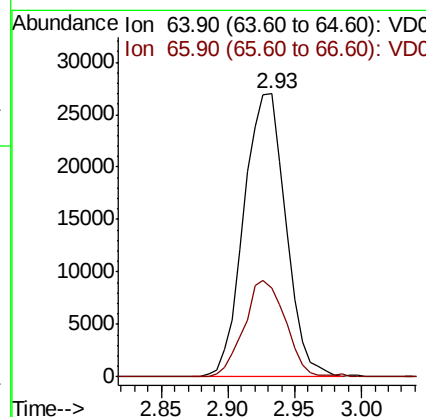
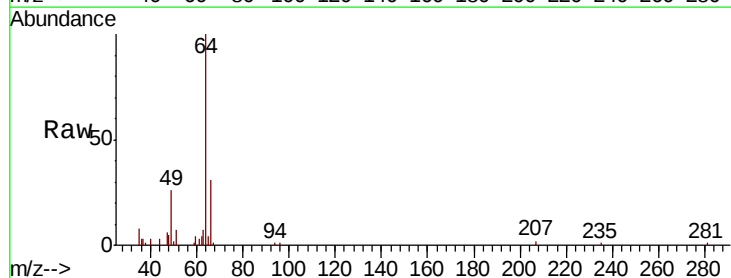
Acq: 30 Oct 2020 19:21

Tgt Ion: 64 Resp: 58792

Ion Ratio Lower Upper

64 100

66 31.2 27.4 41.0



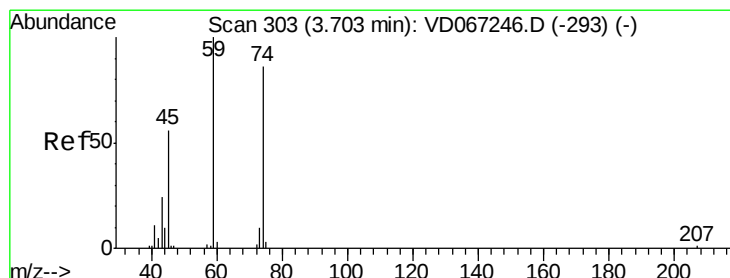
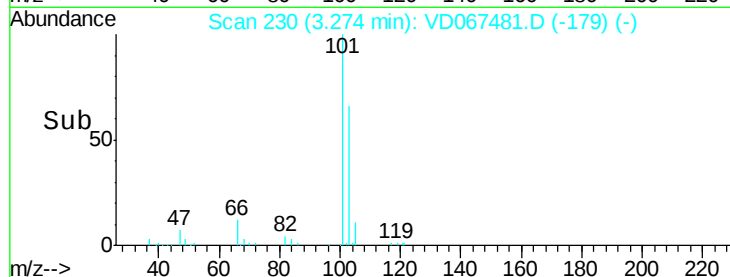
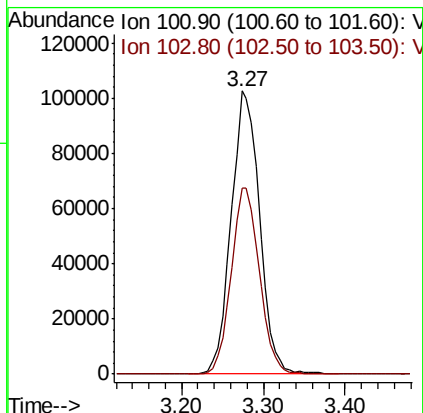
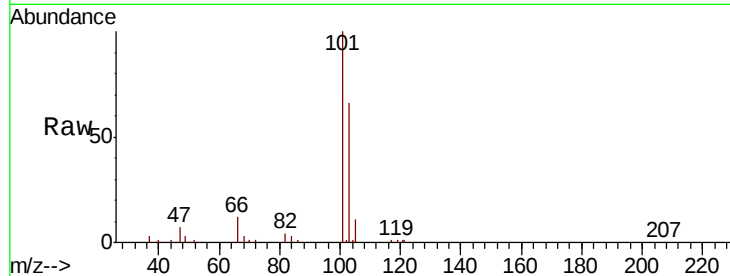


#7

Trichlorofluoromethane
Concen: 49.338 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

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MSVOA_D
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VSTDCCC050EC

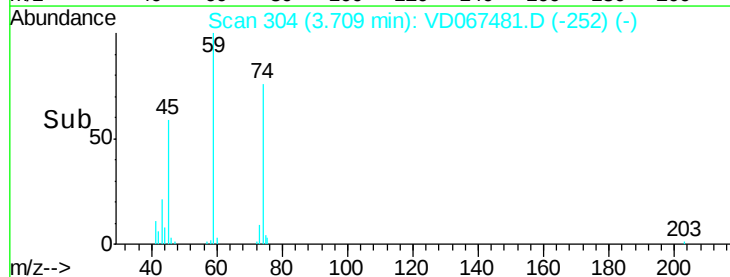
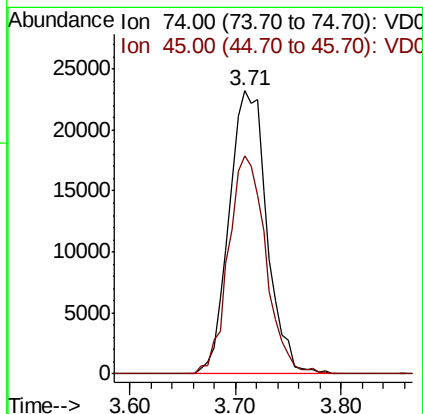
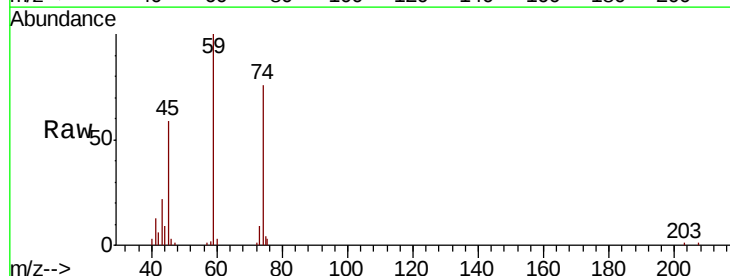
Tot Ion:101 Resp: 248100
Ion Ratio Lower Upper
101 100
103 65.9 53.1 79.7

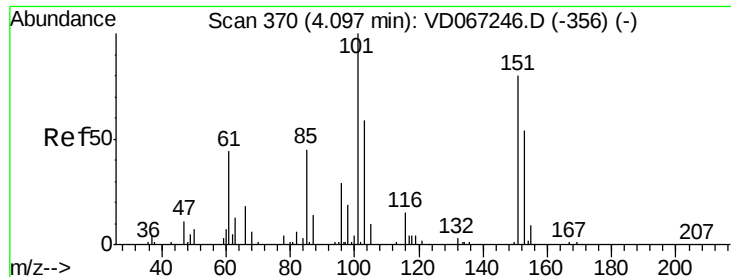


#8

Diethyl Ether
Concen: 50.050 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 74 Resp: 57591
Ion Ratio Lower Upper
74 100
45 76.0 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.632 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

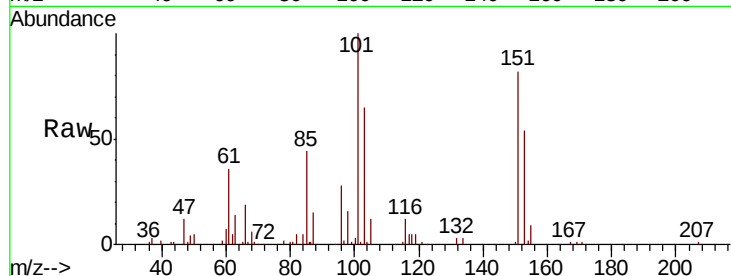
Tot Ion:101 Resp: 135271

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

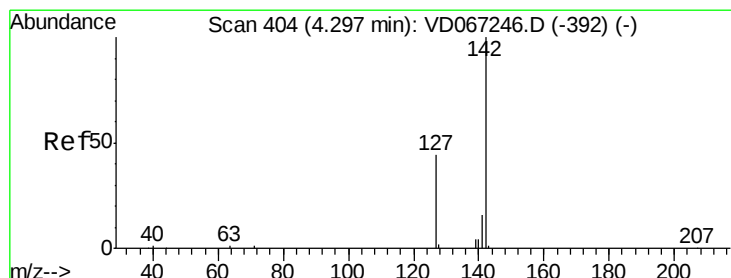
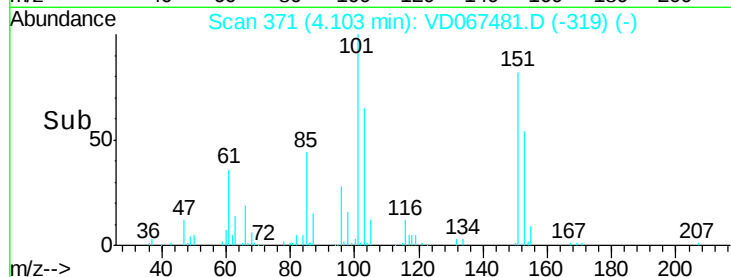
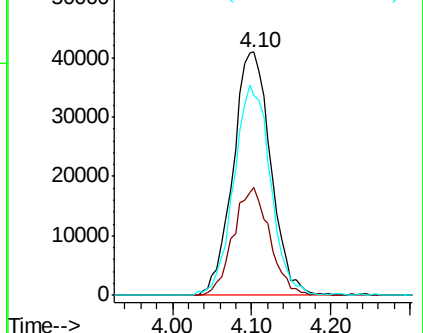
151 83.6 66.3 99.5



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: 57.939 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

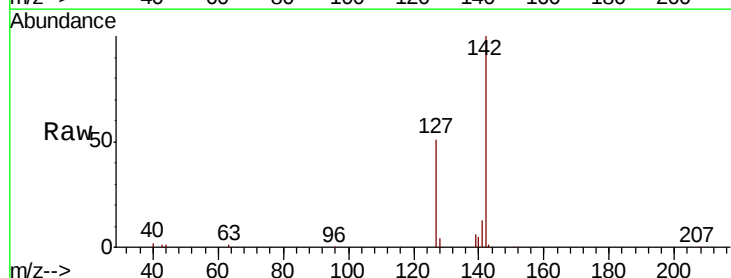
Tgt Ion:142 Resp: 142791

Ion Ratio Lower Upper

142 100

127 47.8 38.4 57.6

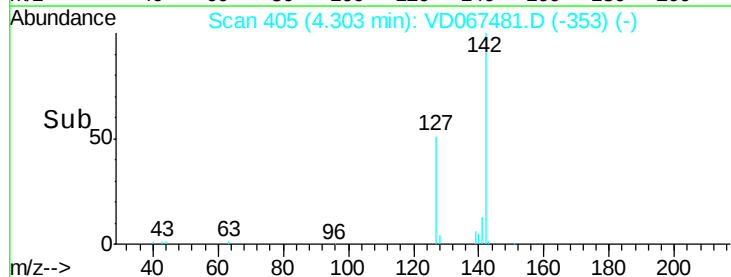
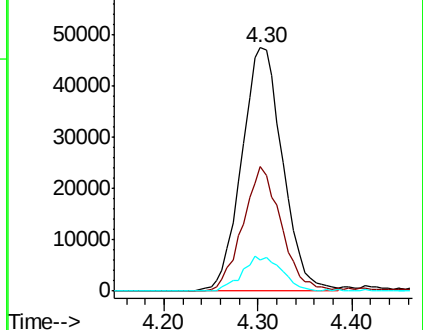
141 13.9 11.6 17.4

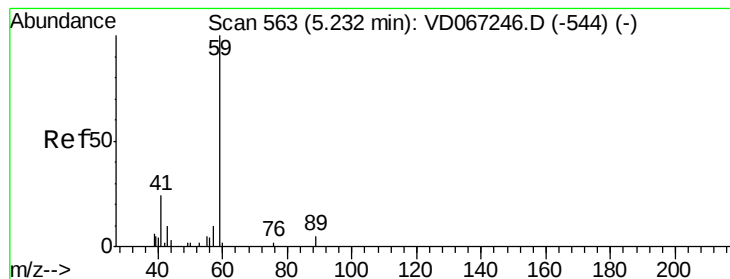


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



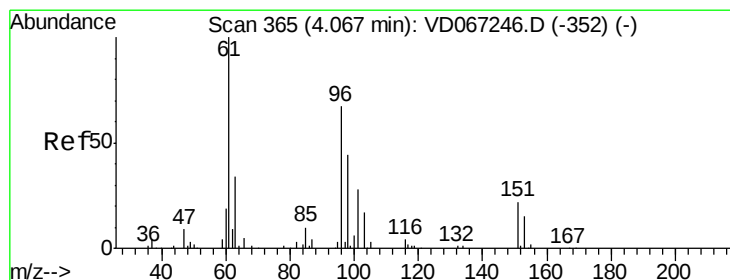
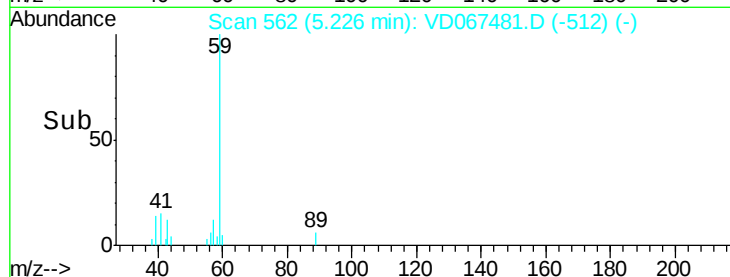
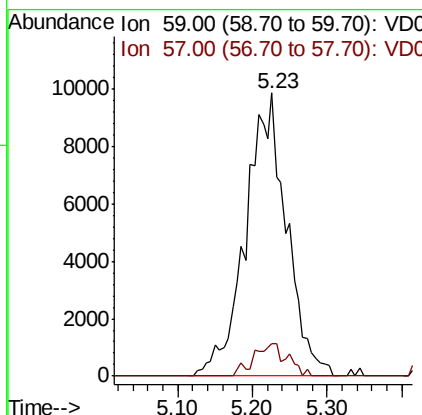
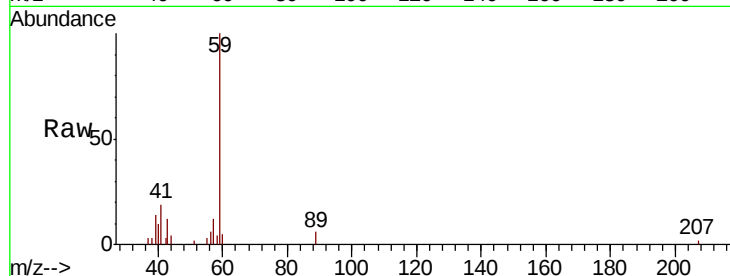


#11

Tert butyl alcohol
Concen: 247.756 ug/l
RT: 5.23 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

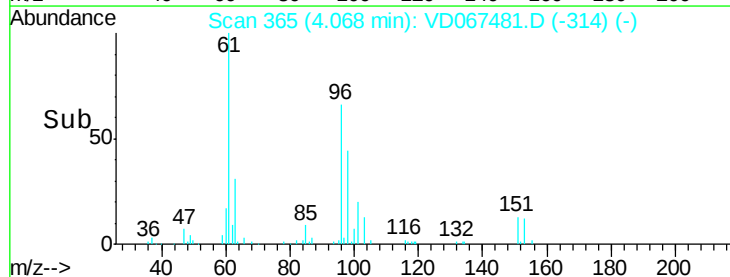
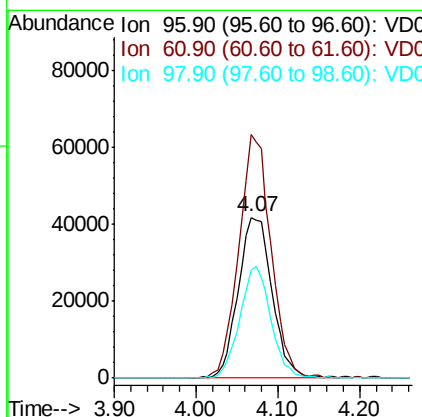
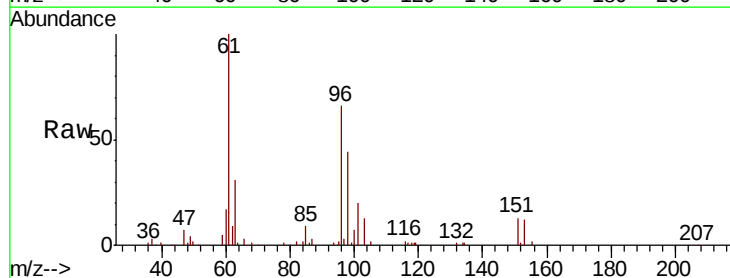
Tot Ion: 59 Resp: 37382
Ion Ratio Lower Upper
59 100
57 9.5 5.1 7.7#

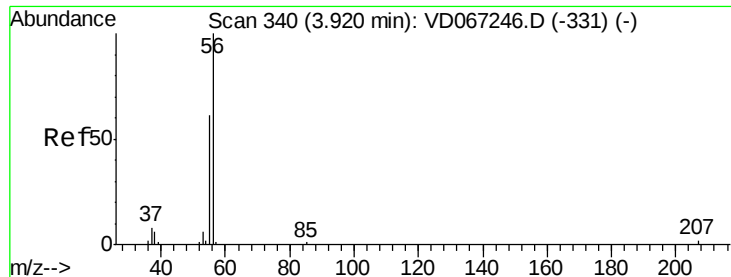


#12

1,1-Dichloroethene
Concen: 50.668 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 96 Resp: 120935
Ion Ratio Lower Upper
96 100
61 151.5 118.6 177.8
98 67.2 51.8 77.6





#13

Acrolein

Concen: 173.523 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

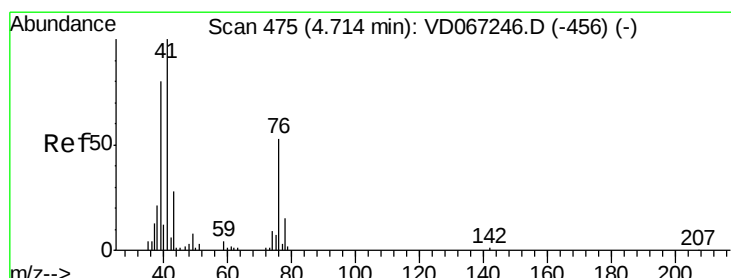
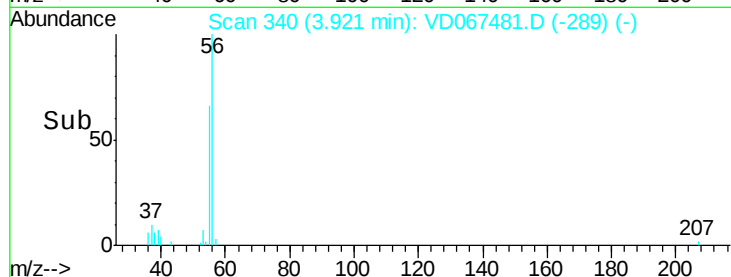
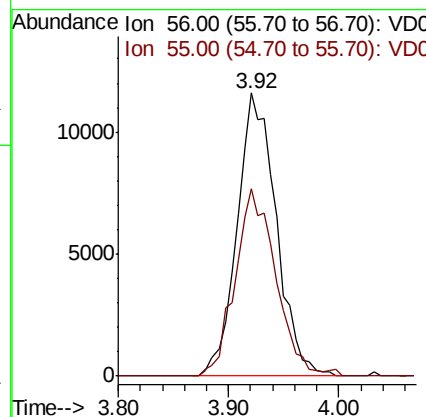
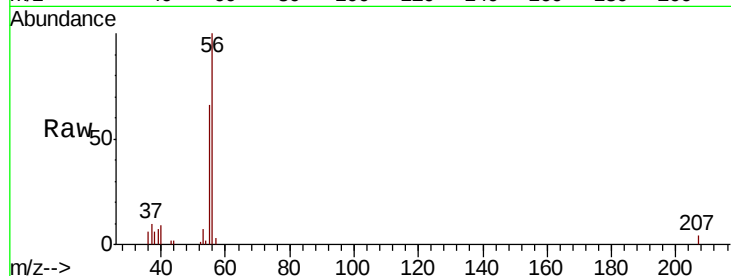
VSTDCCC050EC

Tot Ion: 56 Resp: 28791

Ion Ratio Lower Upper

56 100

55 68.9 56.0 84.0



#14

Allyl chloride

Concen: 49.880 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

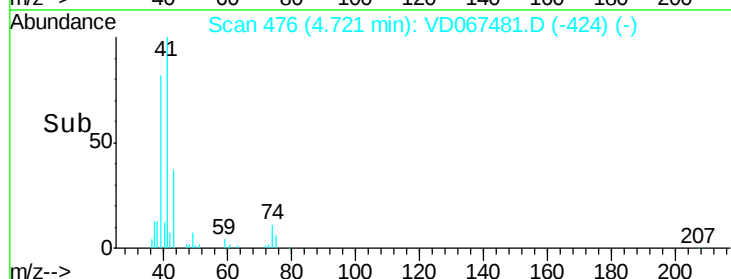
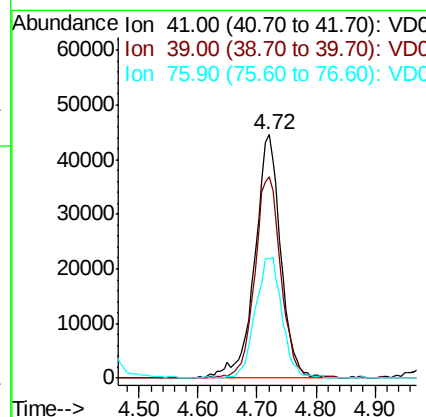
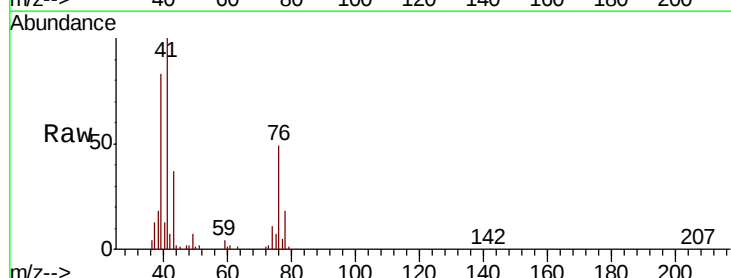
Tgt Ion: 41 Resp: 136338

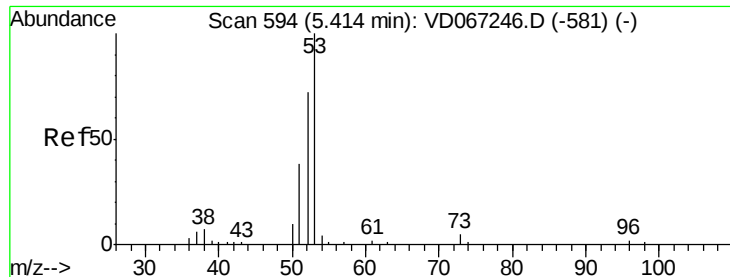
Ion Ratio Lower Upper

41 100

39 82.7 63.8 95.6

76 50.8 40.4 60.6





#15

Acrylonitrile

Concen: 267.906 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

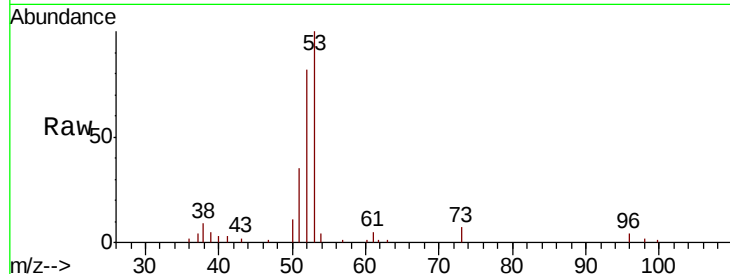
Tot Ion: 53 Resp: 102862

Ion Ratio Lower Upper

53 100

52 81.4 65.6 98.4

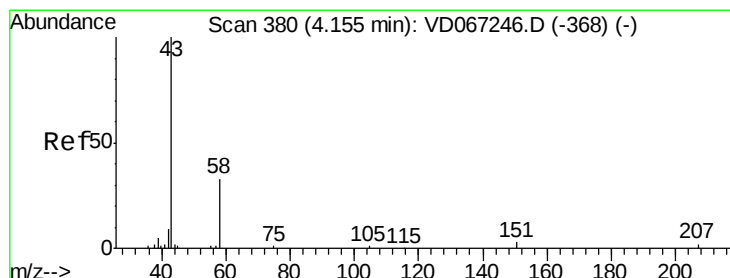
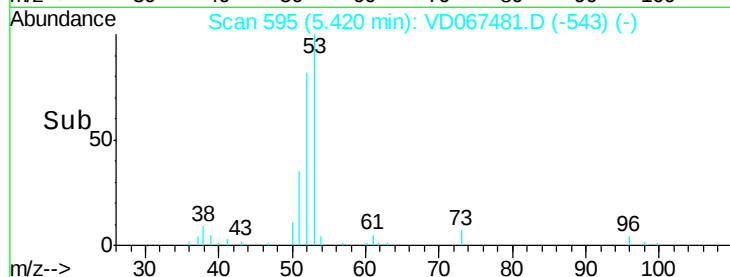
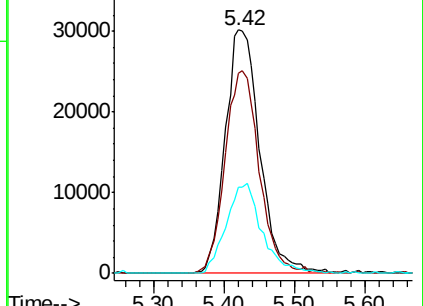
51 38.1 30.8 46.2



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: 252.719 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067481.D

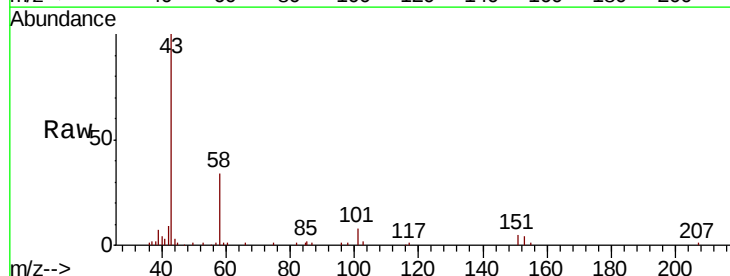
Acq: 30 Oct 2020 19:21

Tgt Ion: 43 Resp: 102546

Ion Ratio Lower Upper

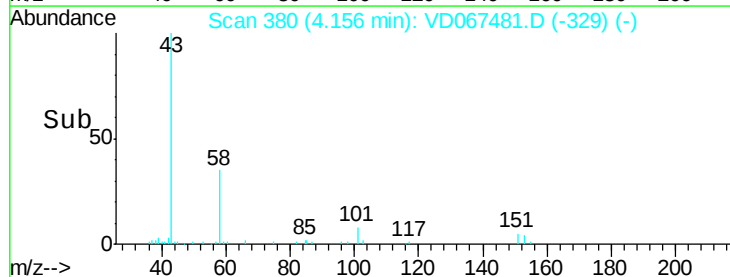
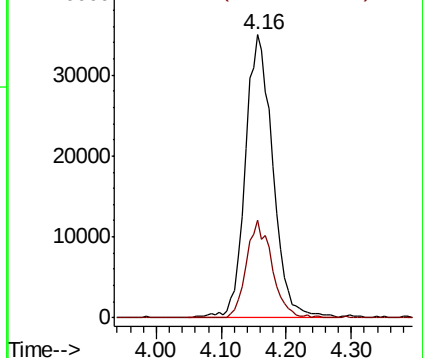
43 100

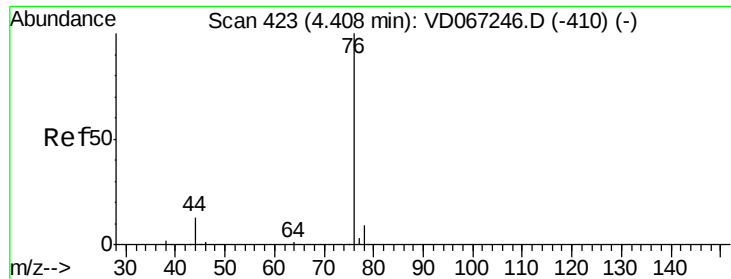
58 34.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

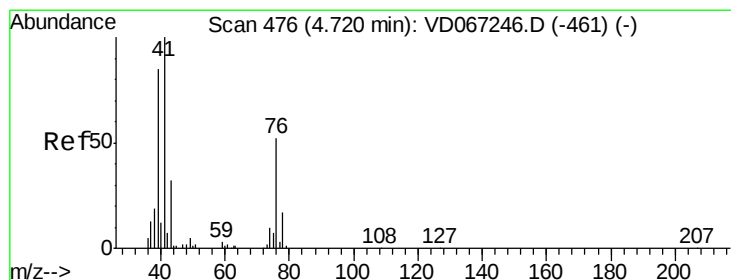
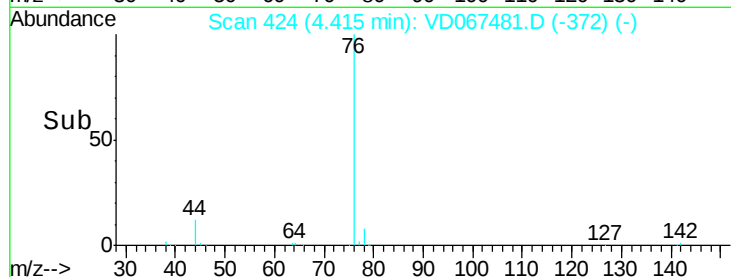
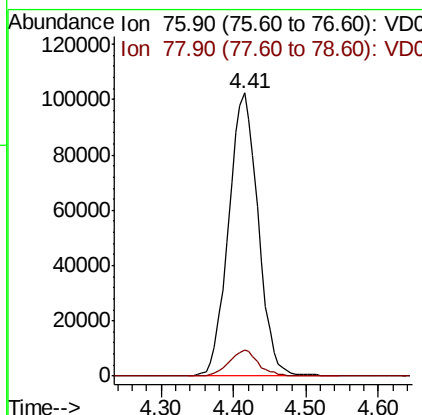
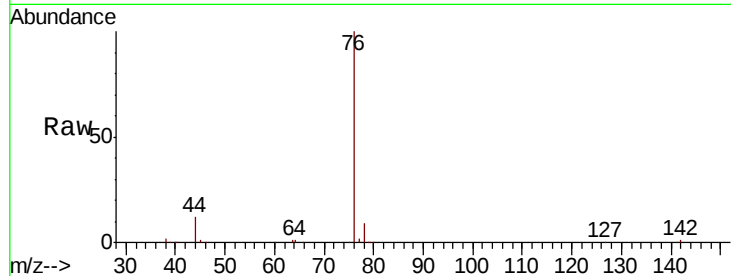




#17
Carbon Disulfide
Concen: 42.590 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

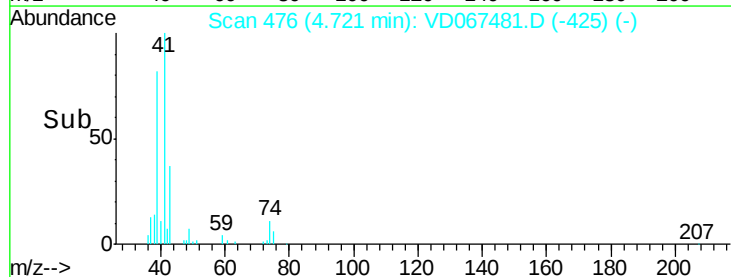
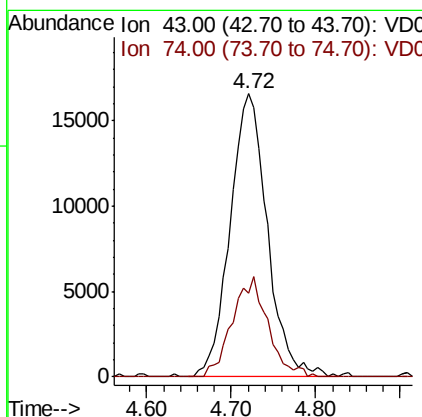
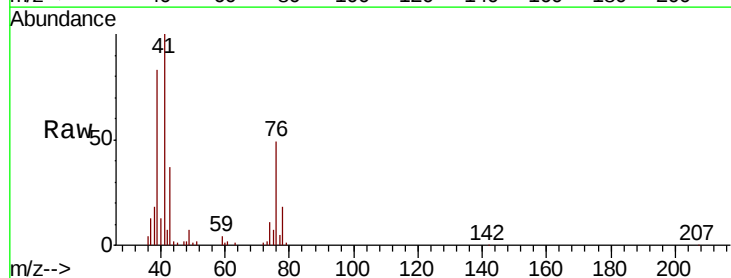
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

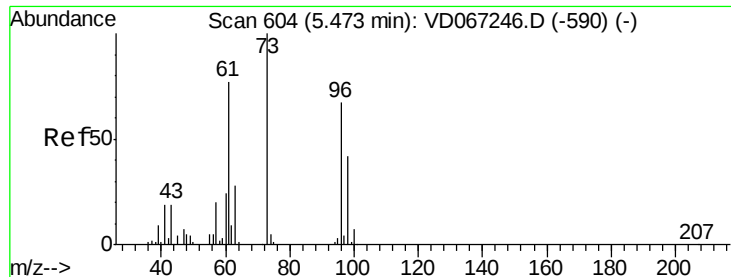
Tot Ion: 76 Resp: 289797
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 54.725 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 43 Resp: 50648
Ion Ratio Lower Upper
43 100
74 33.7 26.6 39.8

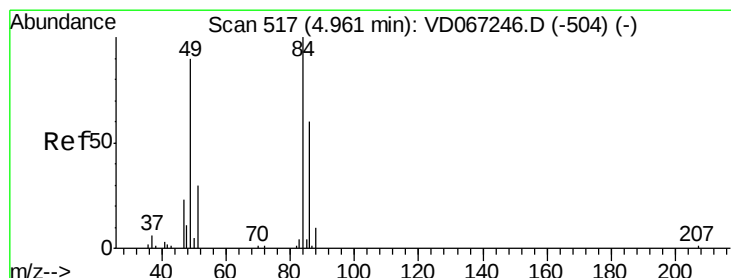
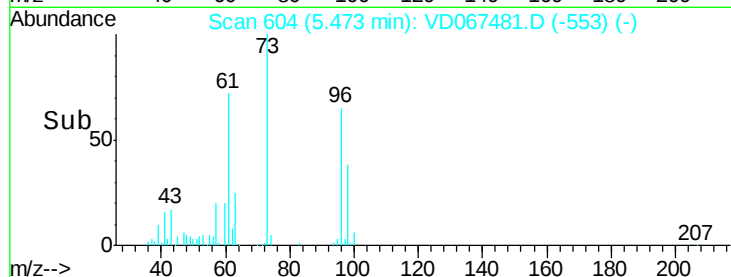
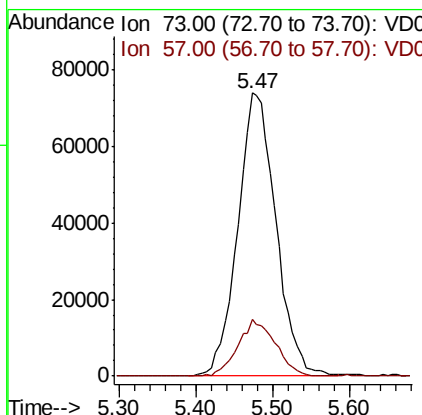
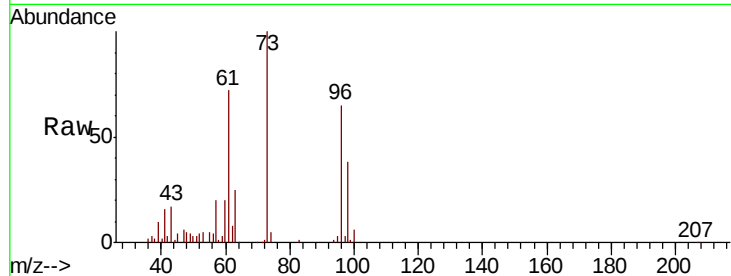




#19
Methyl tert-butyl Ether
Concen: 53.919 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

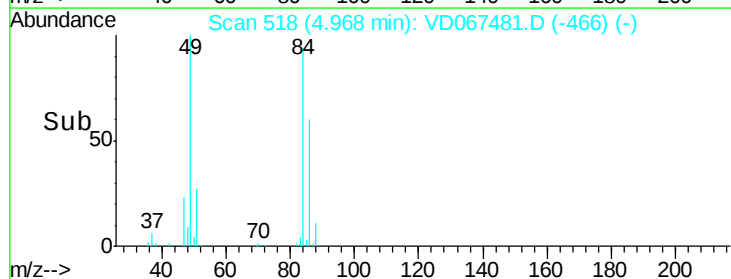
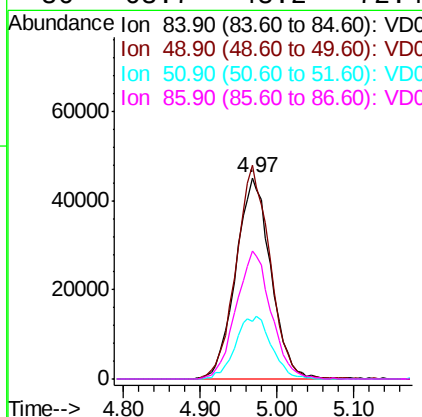
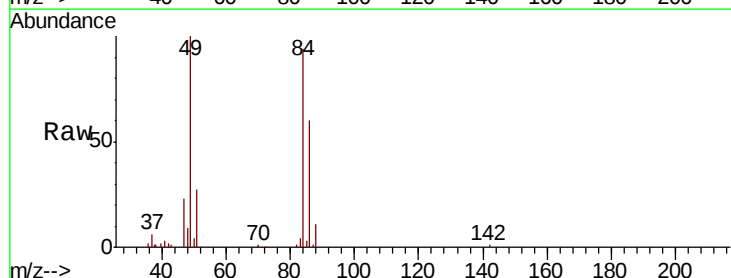
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

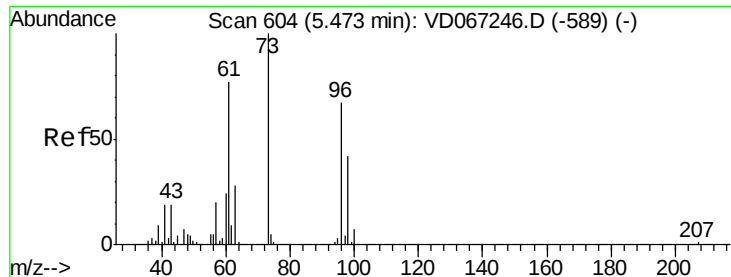
Tot Ion: 73 Resp: 255893
Ion Ratio Lower Upper
73 100
57 20.2 15.7 23.5



#20
Methylene Chloride
Concen: 55.853 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 84 Resp: 143806
Ion Ratio Lower Upper
84 100
49 106.2 72.2 108.2
51 28.9 23.8 35.8
86 63.7 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 50.460 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

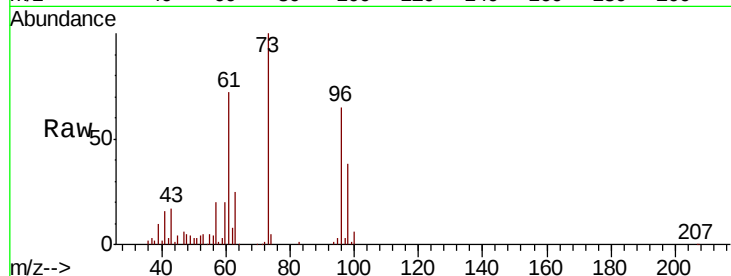
Tot Ion: 96 Resp: 138596

Ion Ratio Lower Upper

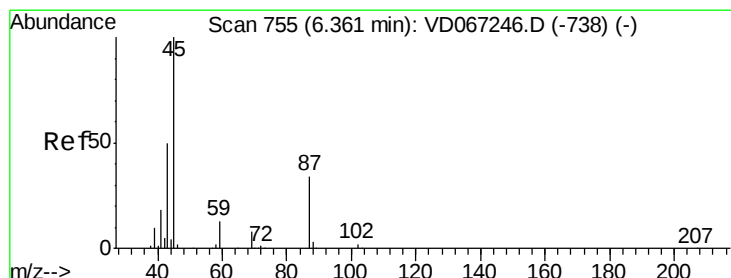
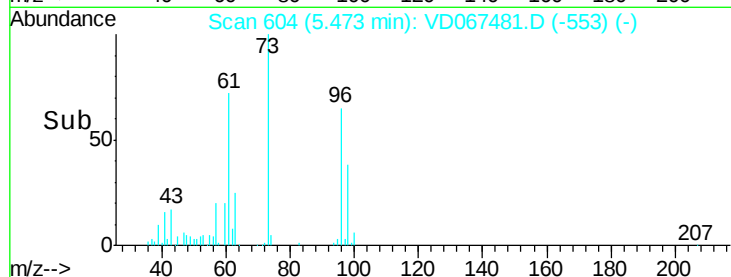
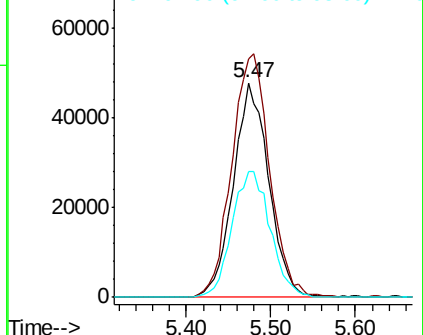
96 100

61 111.4 92.0 138.0

98 58.9 49.8 74.8



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



#22

Diisopropyl ether

Concen: 55.221 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Tgt Ion: 45 Resp: 275725

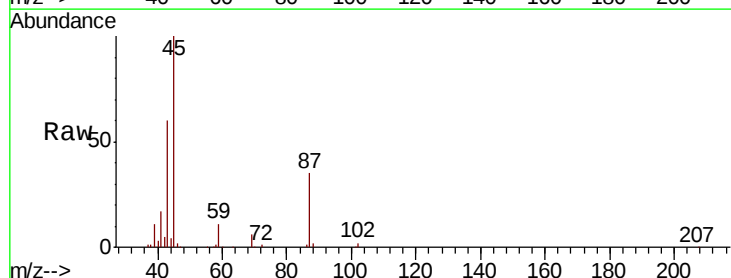
Ion Ratio Lower Upper

45 100

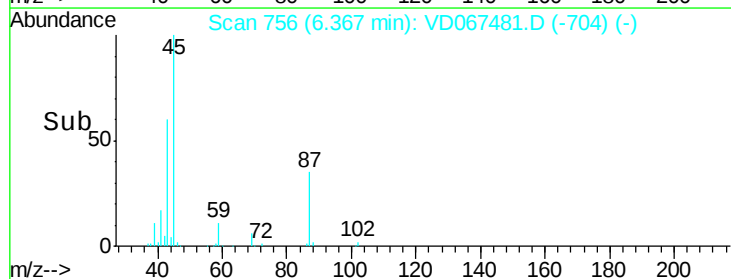
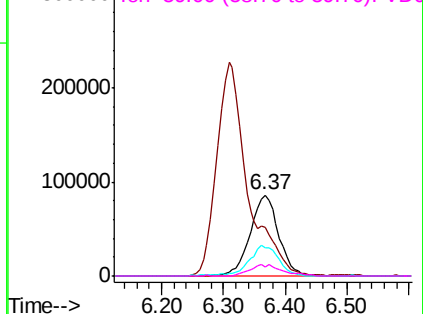
43 59.1 48.0 72.0

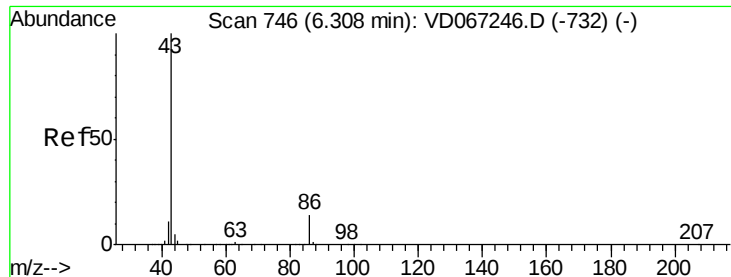
87 35.1 28.5 42.7

59 11.4 10.5 15.7



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





#23

Vinyl Acetate

Concen: 276.481 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

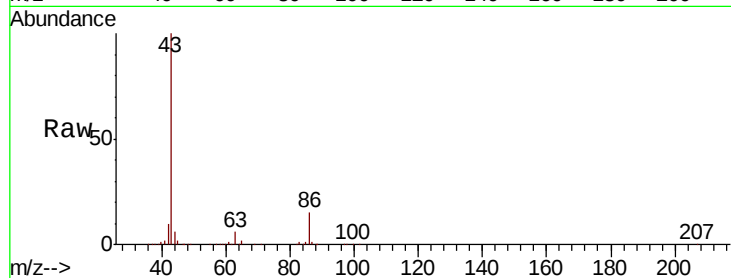
VSTDCCC050EC

Tot Ion: 43 Resp: 785400

Ion Ratio Lower Upper

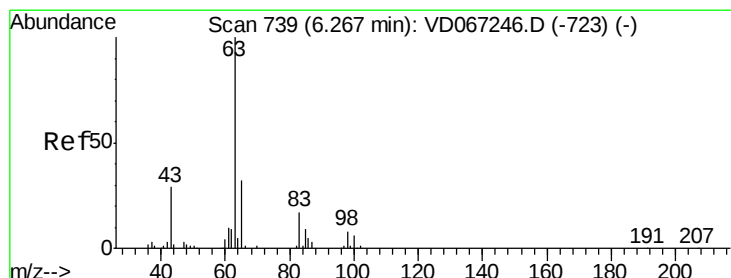
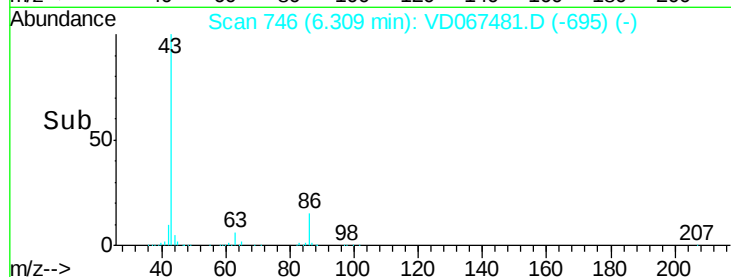
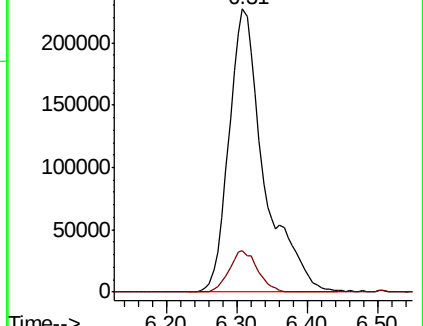
43 100

86 14.8 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.977 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

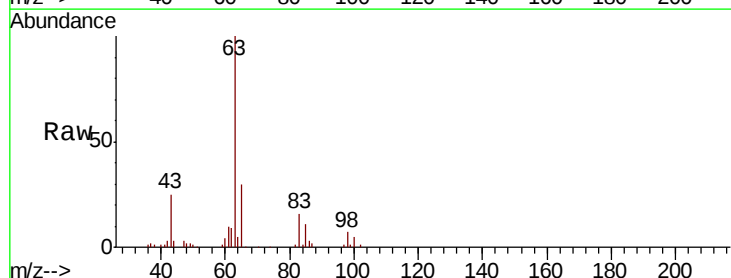
Tgt Ion: 63 Resp: 226432

Ion Ratio Lower Upper

63 100

98 7.0 4.0 12.2

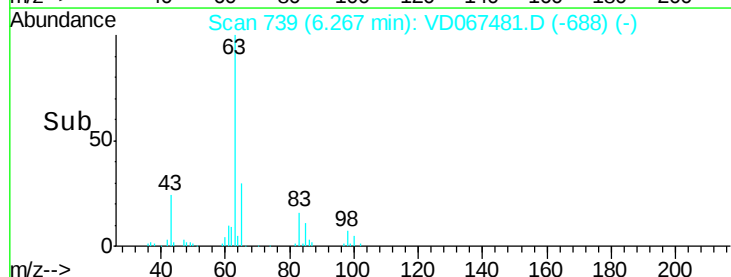
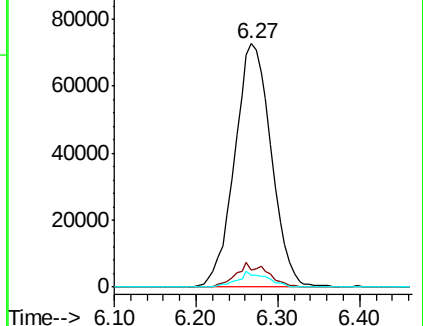
100 5.1 2.8 8.4

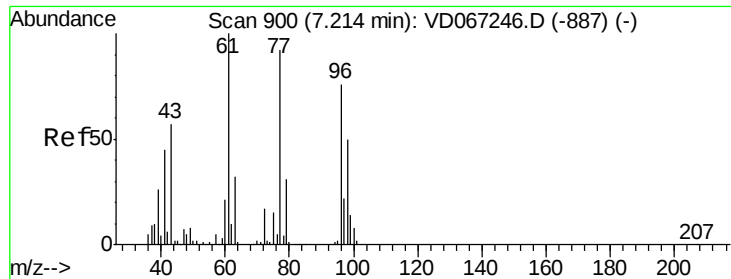


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

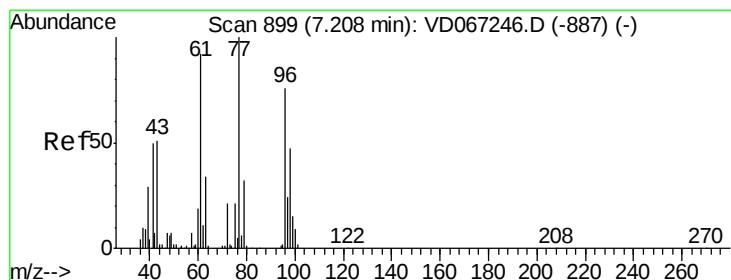
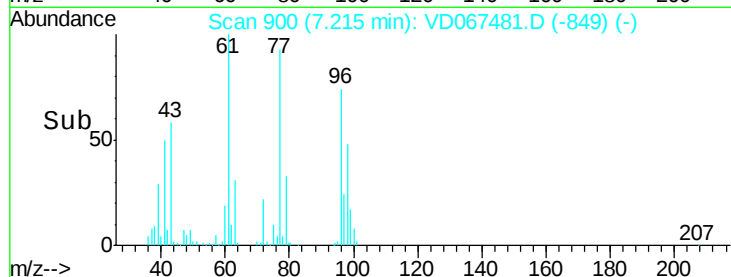
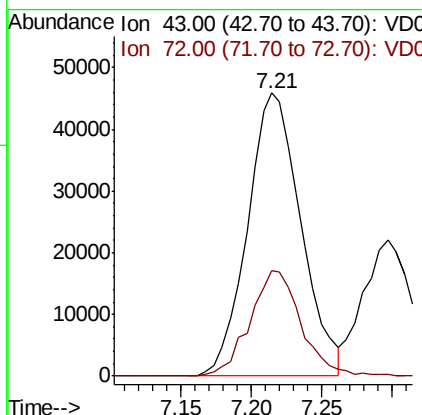
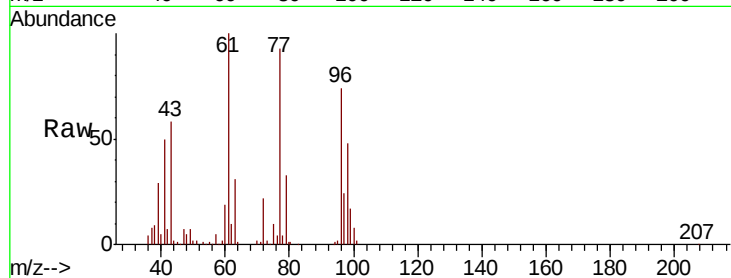




#25
2-Butanone
Concen: 262.580 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

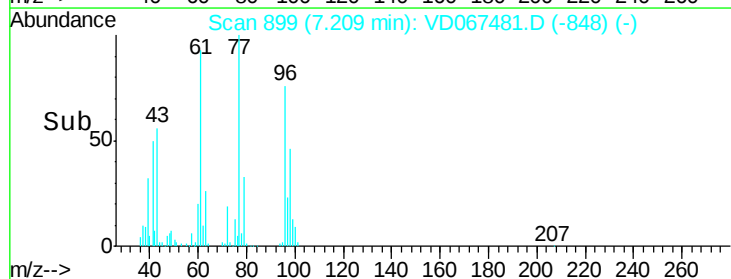
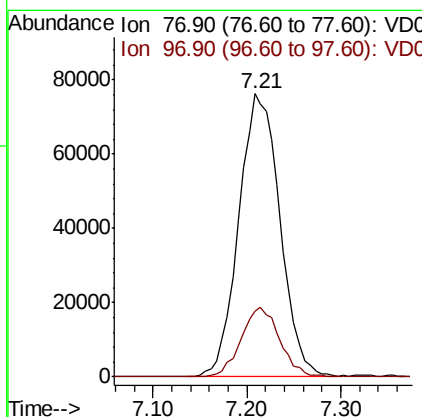
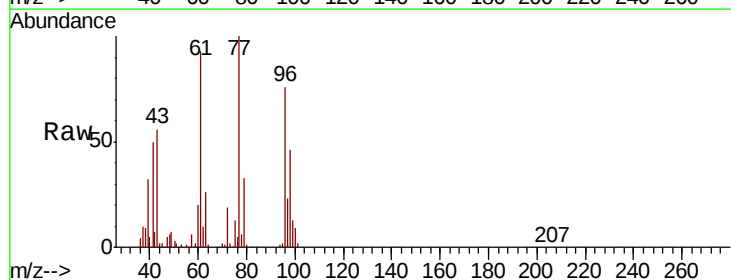
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

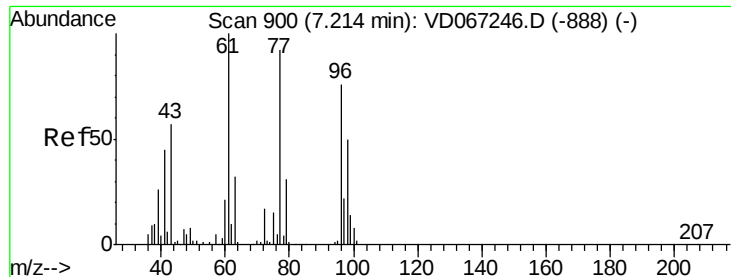
Tot Ion: 43 Resp: 121453
Ion Ratio Lower Upper
43 100
72 37.1 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 52.485 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 77 Resp: 231224
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2



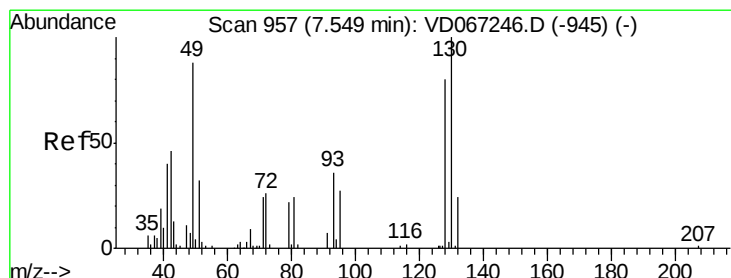
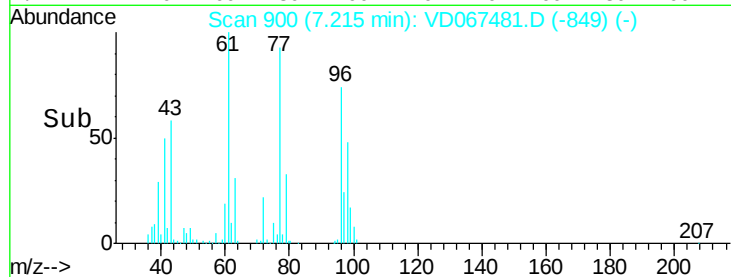
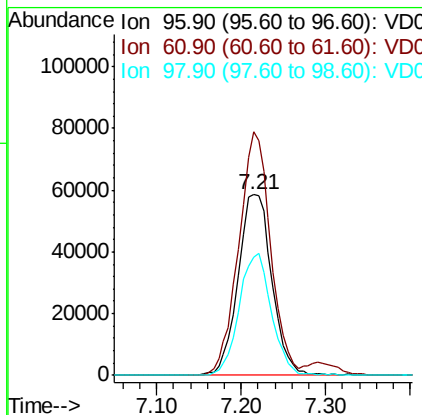
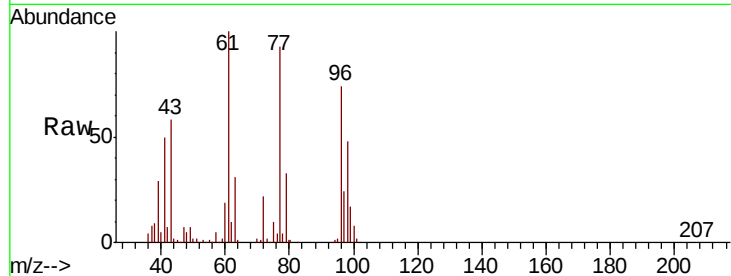


#27

cis-1,2-Dichloroethene
 Concen: 54.002 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

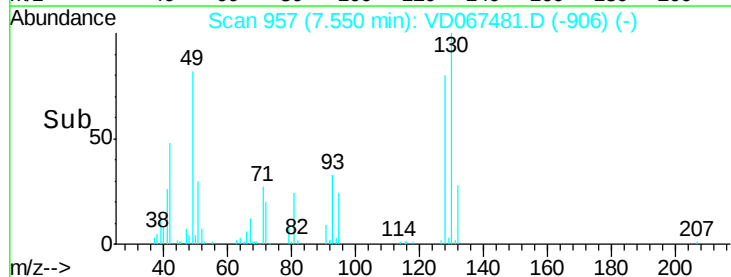
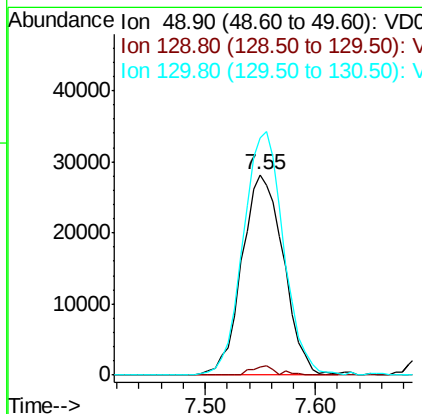
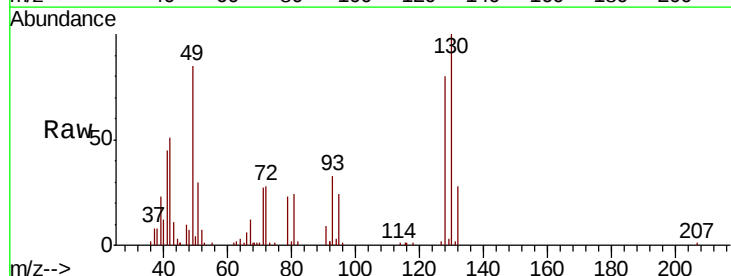
Tot Ion: 96 Resp: 162560
 Ion Ratio Lower Upper
 96 100
 61 127.2 0.0 255.4
 98 64.3 0.0 128.0

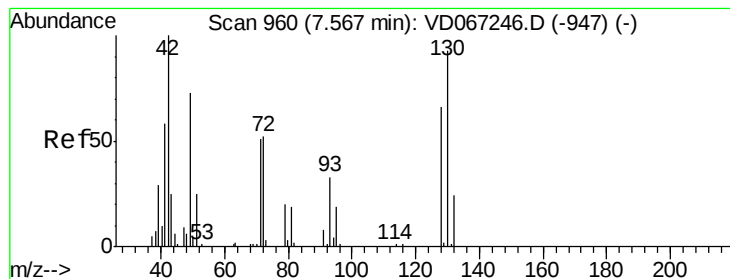


#28

Bromochloromethane
 Concen: 51.169 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

Tgt Ion: 49 Resp: 74597
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 1.6#
 130 117.8 91.0 136.6





#29

Tetrahydrofuran

Concen: 261.354 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

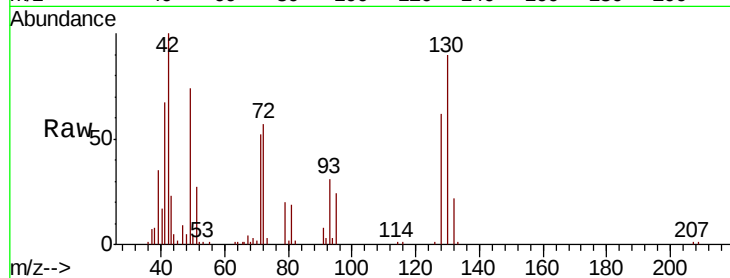
Tot Ion: 42 Resp: 67198

Ion Ratio Lower Upper

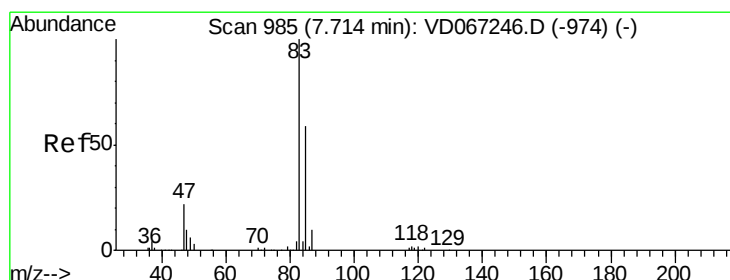
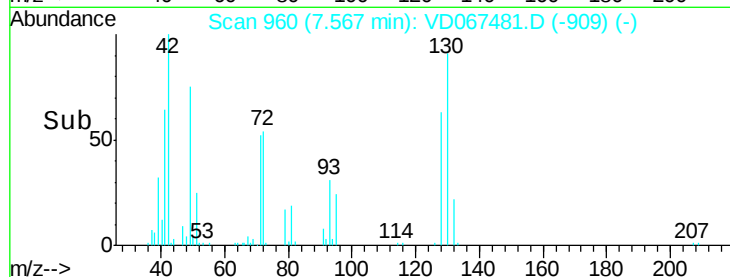
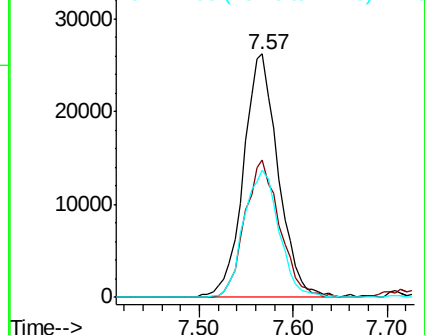
42 100

72 56.3 43.2 64.8

71 52.9 39.4 59.0



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



#30

Chloroform

Concen: 54.306 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067481.D

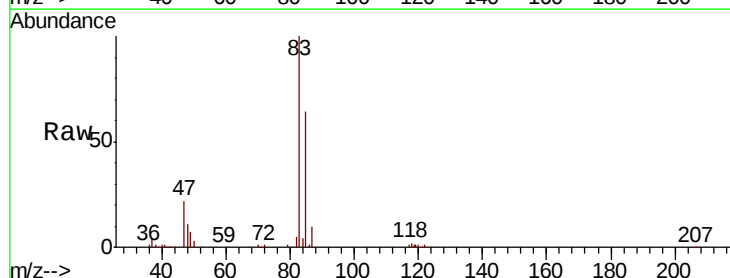
Acq: 30 Oct 2020 19:21

Tgt Ion: 83 Resp: 277283

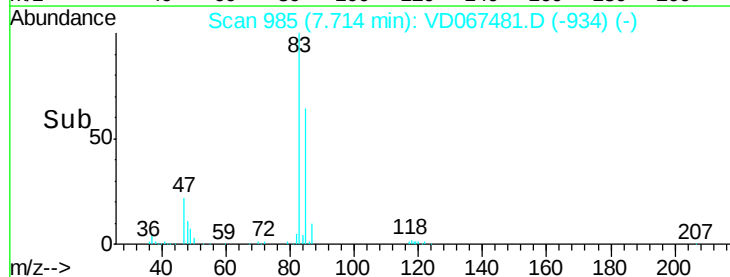
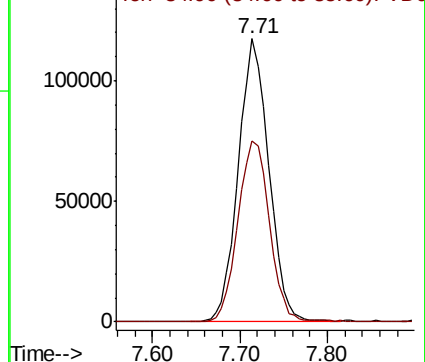
Ion Ratio Lower Upper

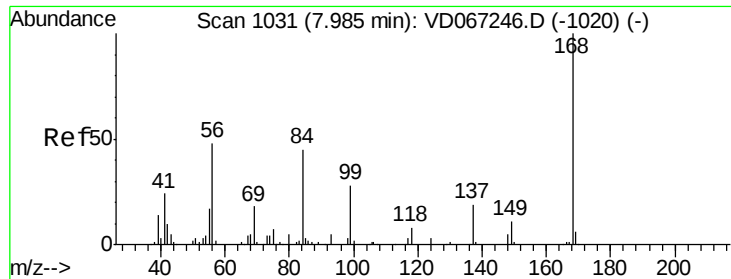
83 100

85 63.9 47.3 70.9



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

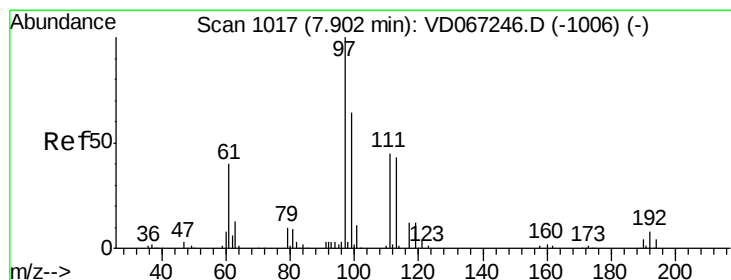
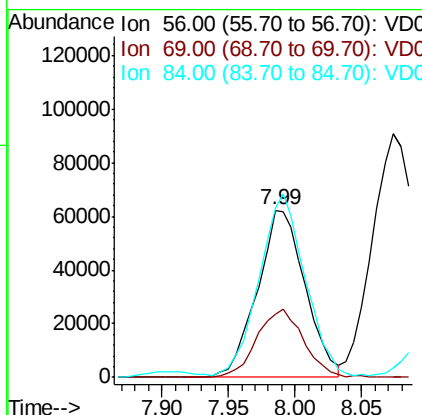
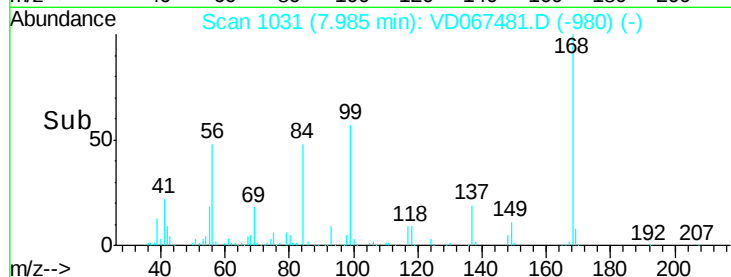
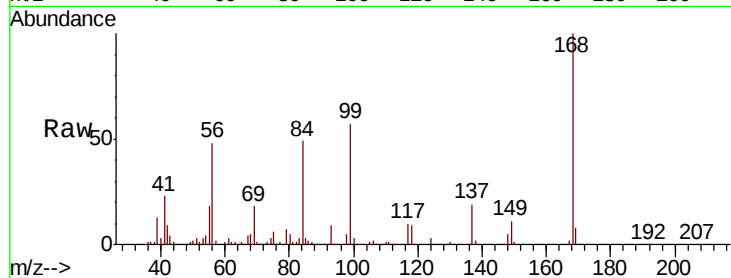




#31
Cyclohexane
Concen: 46.466 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

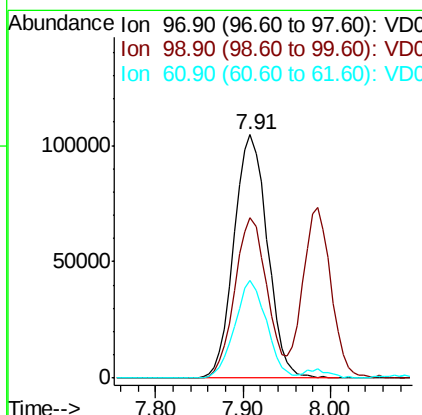
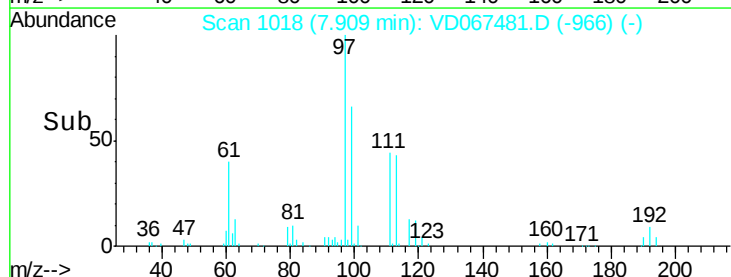
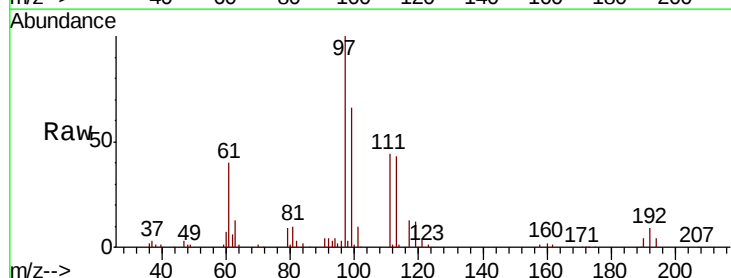
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

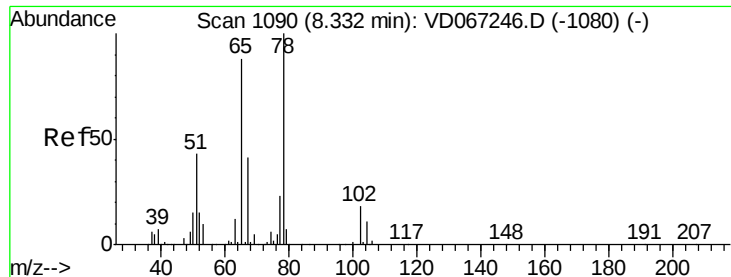
Tot Ion: 56 Resp: 155061
Ion Ratio Lower Upper
56 100
69 37.7 29.8 44.6
84 99.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 54.082 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 97 Resp: 270937
Ion Ratio Lower Upper
97 100
99 64.1 50.2 75.4
61 38.2 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 49.815 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

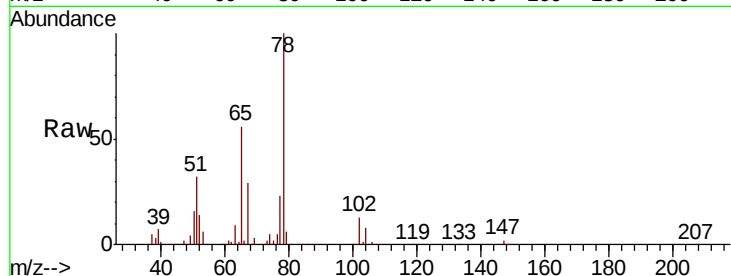
VSTDCCC050EC

Tot Ion: 65 Resp: 144330

Ion Ratio Lower Upper

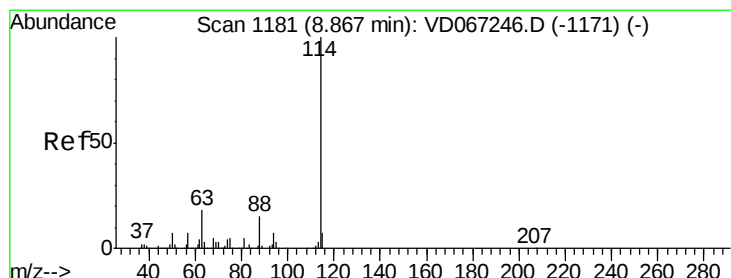
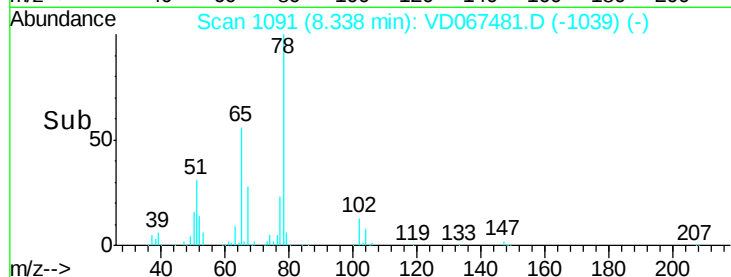
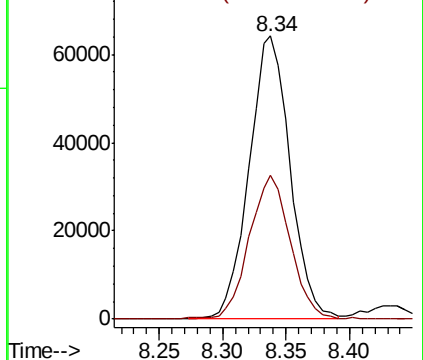
65 100

67 49.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

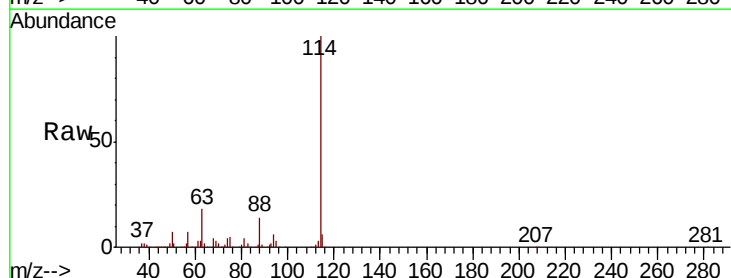
Tgt Ion: 114 Resp: 426790

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

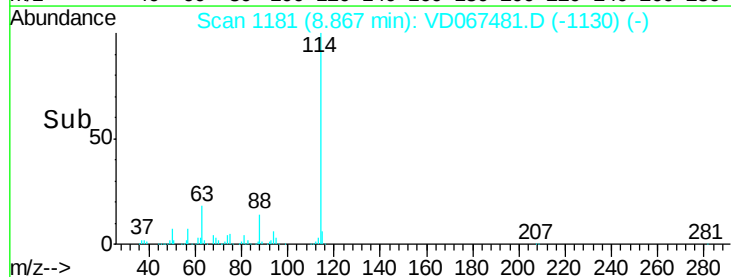
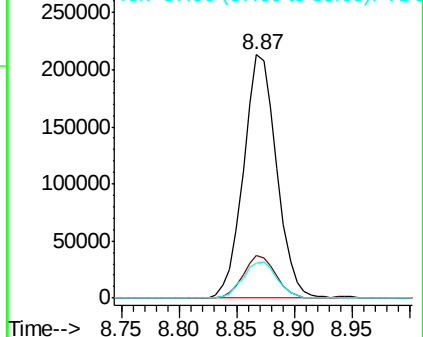
88 14.3 0.0 30.6

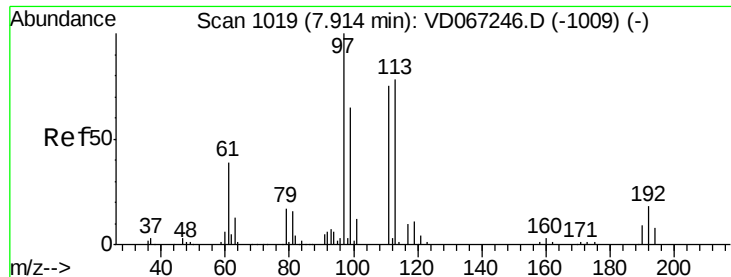


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

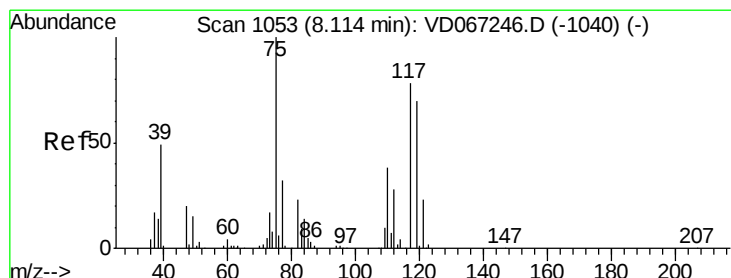
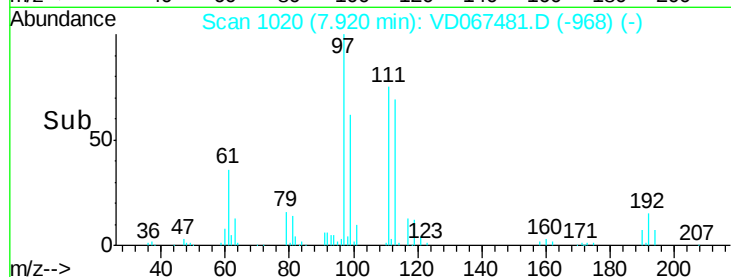
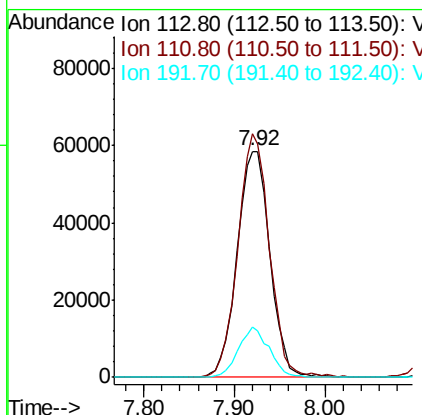
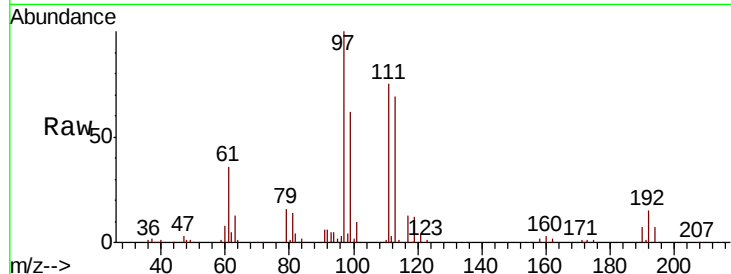




#35
 Dibromofluoromethane
 Concen: 51.742 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

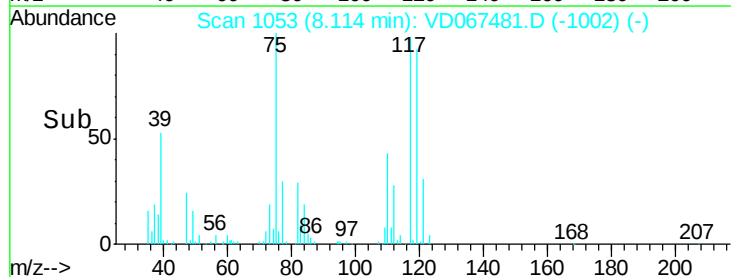
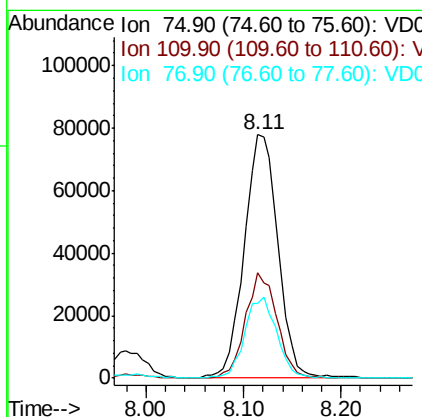
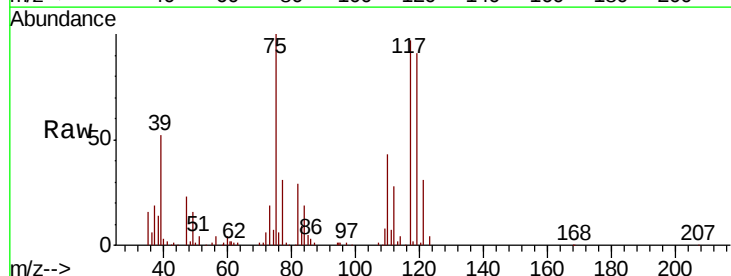
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

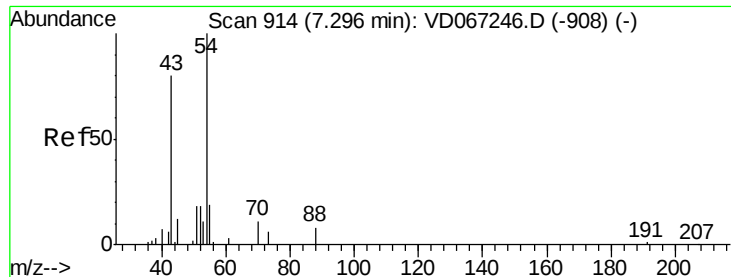
Tot Ion:113 Resp: 146963
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.6 122.4
 192 20.9 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 51.898 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

Tgt Ion: 75 Resp: 187731
 Ion Ratio Lower Upper
 75 100
 110 40.2 19.6 58.7
 77 31.8 24.6 37.0

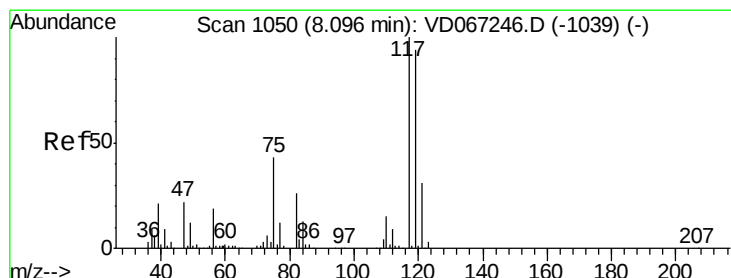
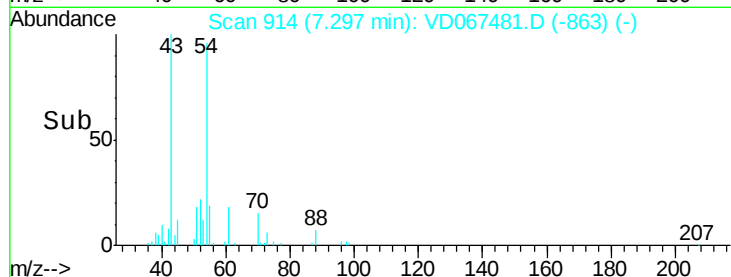
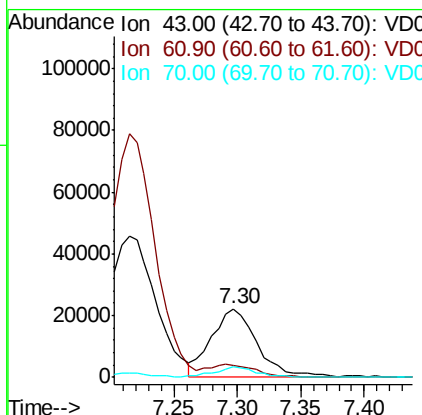
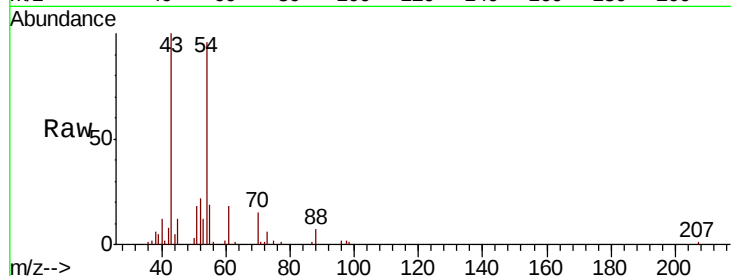




#37
Ethyl Acetate
Concen: 51.335 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

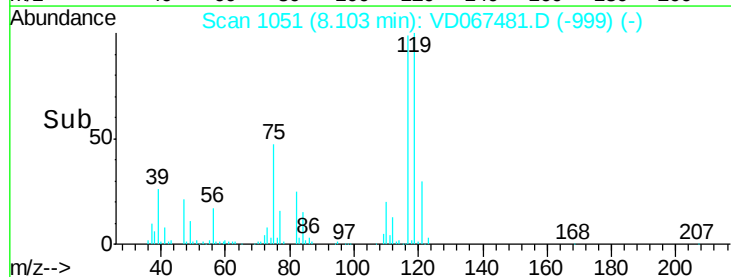
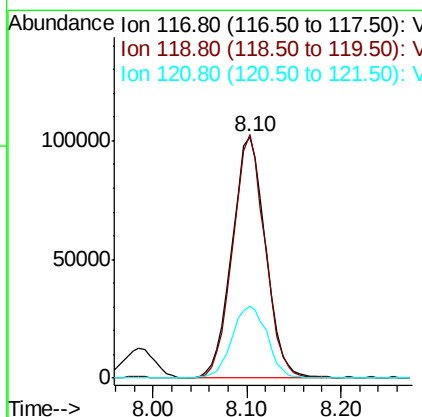
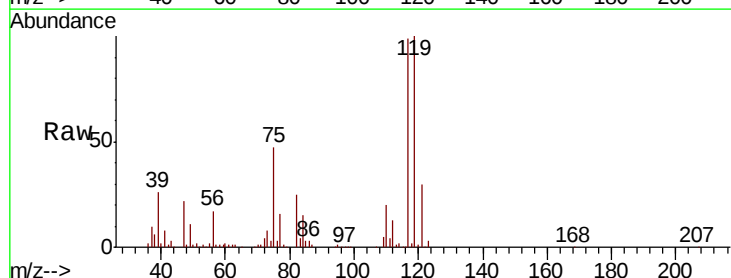
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

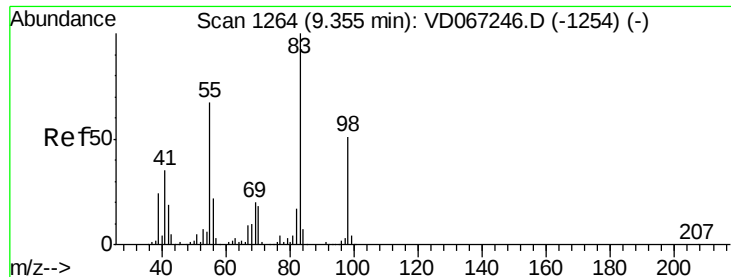
Tot Ion: 43 Resp: 54635
Ion Ratio Lower Upper
43 100
61 17.0 15.6 23.4
70 13.7 10.4 15.6



#38
Carbon Tetrachloride
Concen: 54.182 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 117 Resp: 250498
Ion Ratio Lower Upper
117 100
119 101.1 75.0 112.4
121 30.0 24.9 37.3

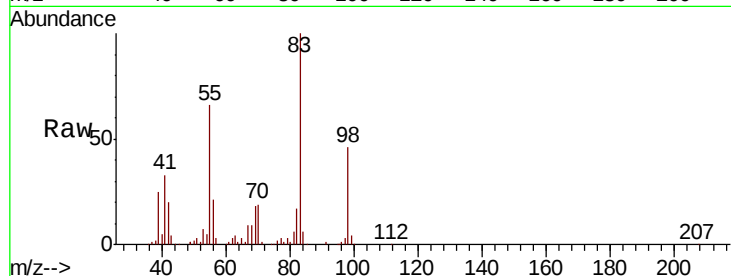




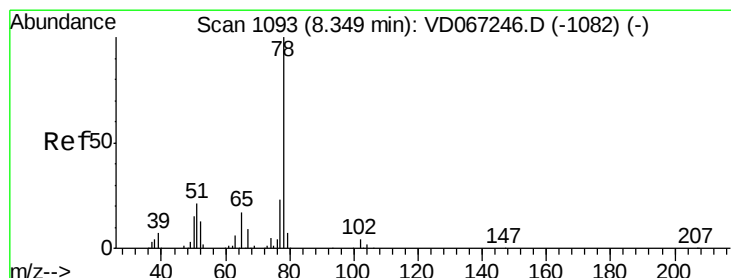
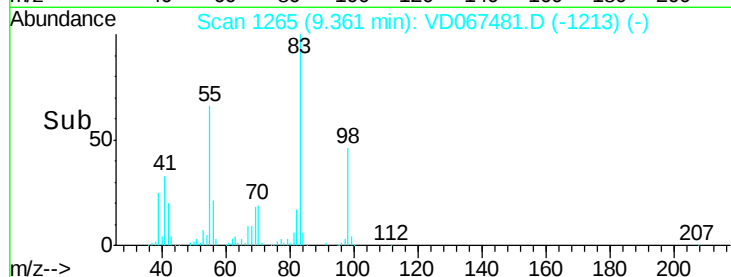
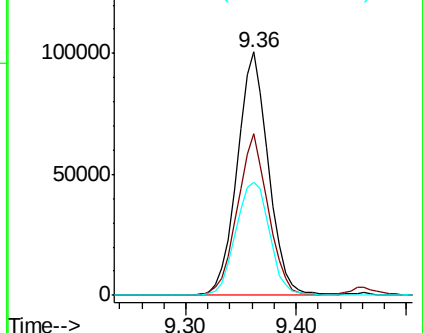
#39
Methvlcvclohexane
Concen: 53.029 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 200536
Ion Ratio Lower Upper
83 100
55 66.2 53.3 79.9
98 46.4 41.0 61.4

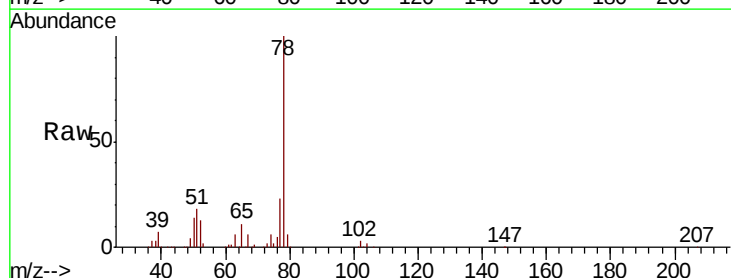


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

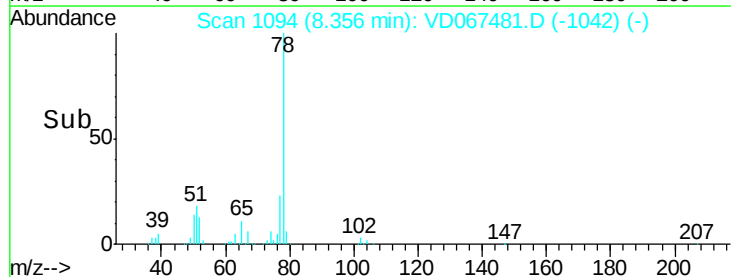
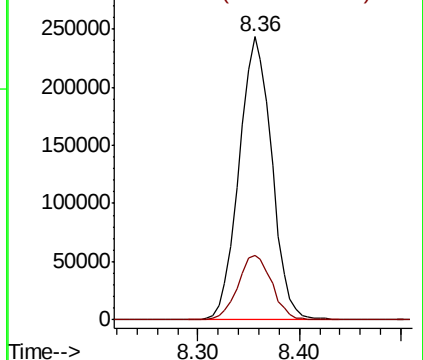


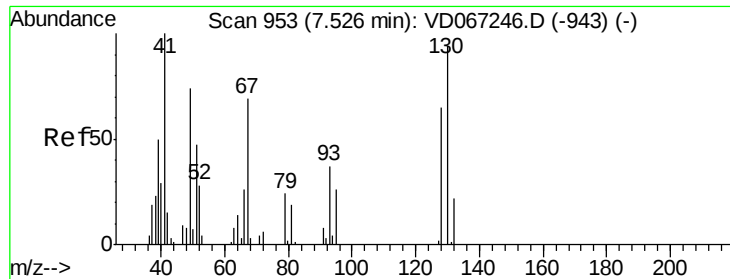
#40
Benzene
Concen: 55.005 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 78 Resp: 545861
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

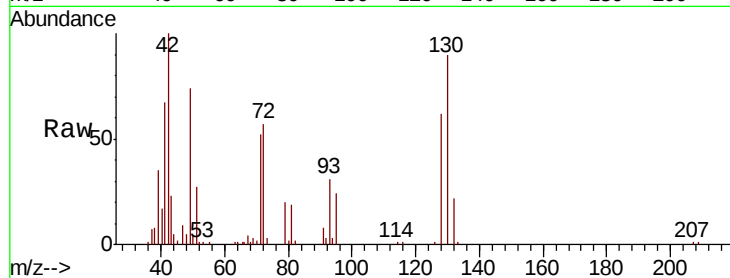




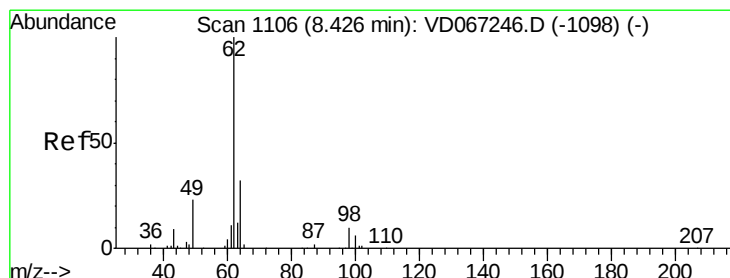
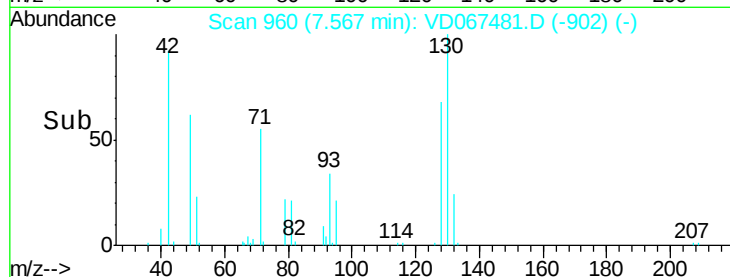
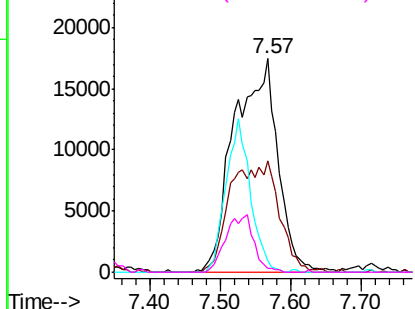
#41
Methacrylonitrile
Concen: 130.431 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.04 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 75014
Ion Ratio Lower Upper
41 100
39 0.0 60.0 90.0#
67 0.0 88.9 133.3#
52 0.0 36.9 55.3#

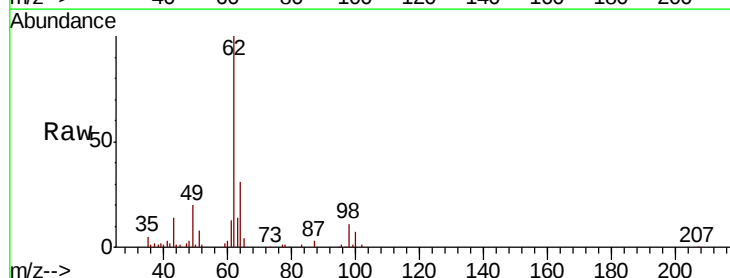


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

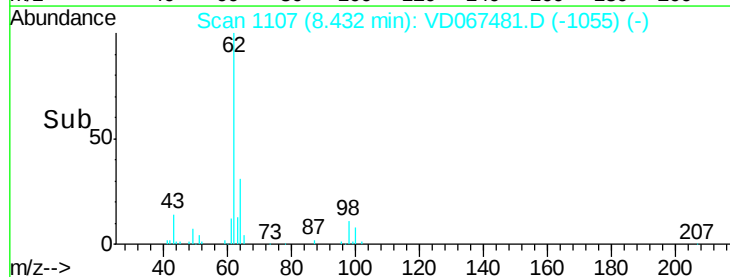
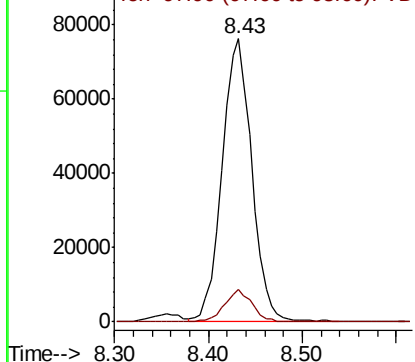


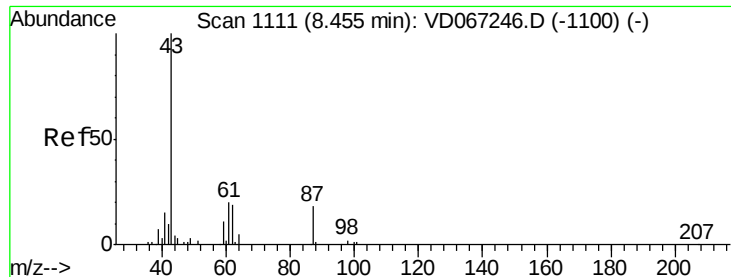
#42
1,2-Dichloroethane
Concen: 54.003 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 62 Resp: 167711
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 53.457 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

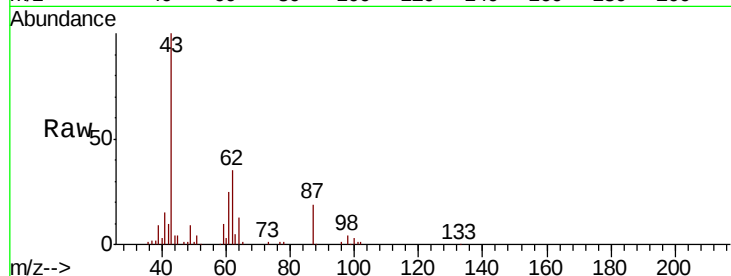
Tot Ion: 43 Resp: 112891

Ion Ratio Lower Upper

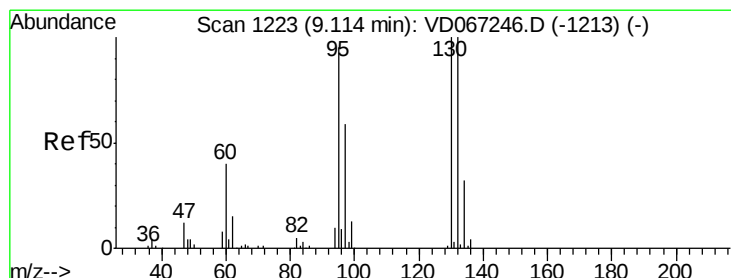
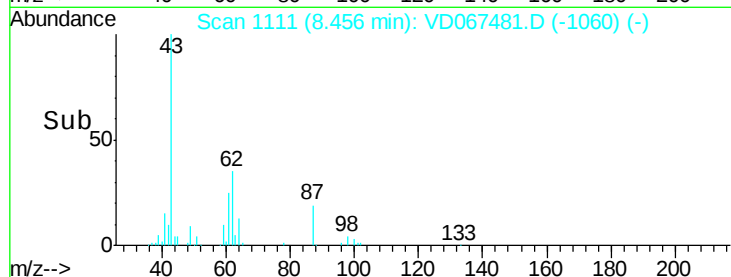
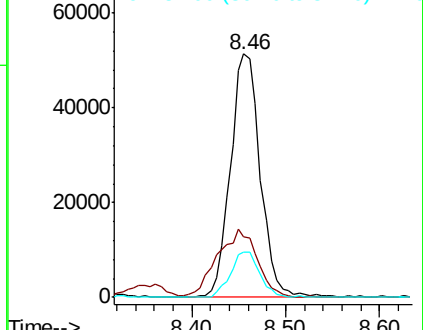
43 100

61 37.7 29.5 44.3

87 18.4 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: 55.064 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067481.D

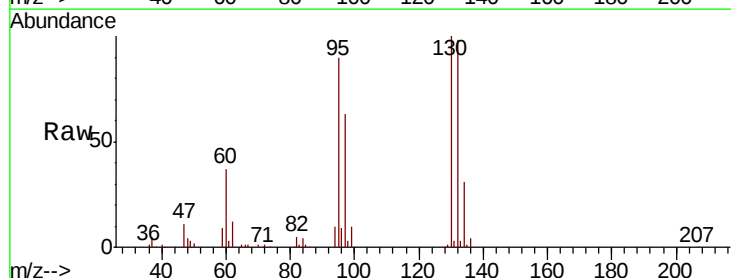
Acq: 30 Oct 2020 19:21

Tgt Ion: 130 Resp: 174958

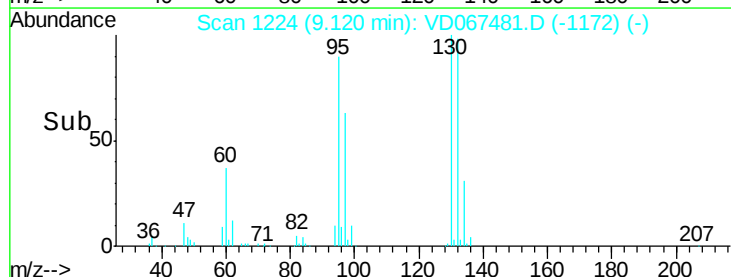
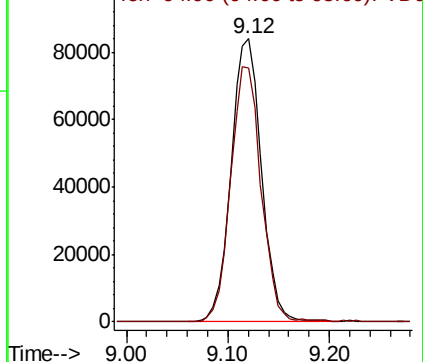
Ion Ratio Lower Upper

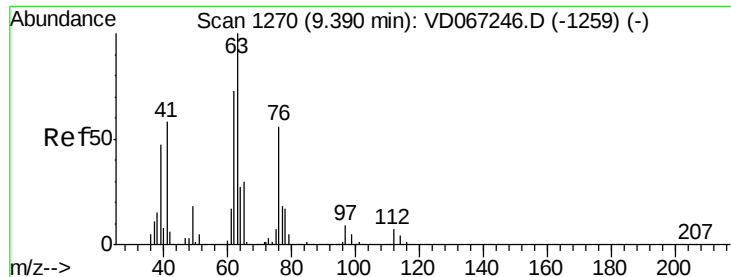
130 100

95 89.6 0.0 190.6



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





#45

1,2-Dichloropropane

Concen: 53.252 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

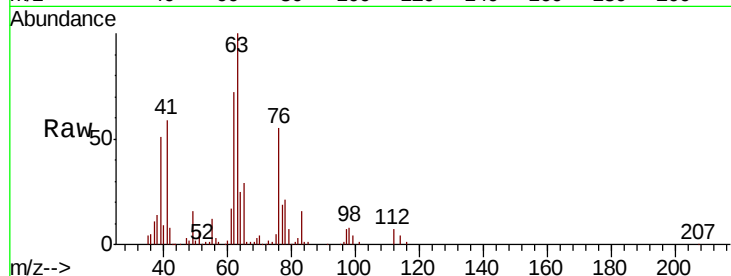
VSTDCCC050EC

Tot Ion: 63 Resp: 122475

Ion Ratio Lower Upper

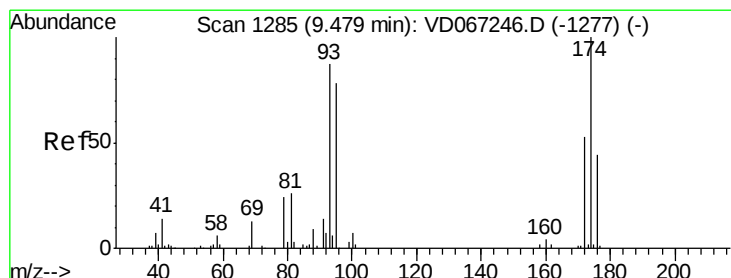
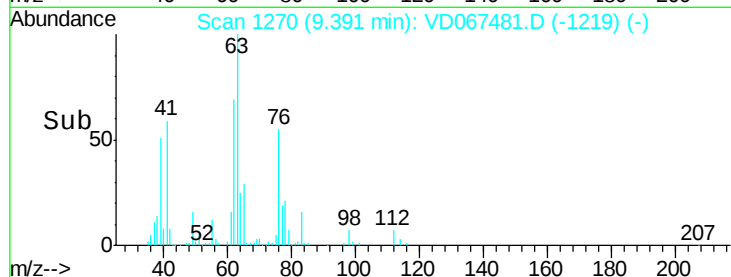
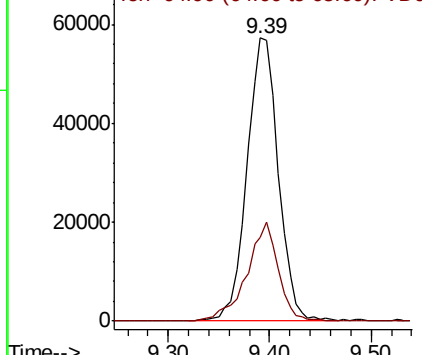
63 100

65 29.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 52.357 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

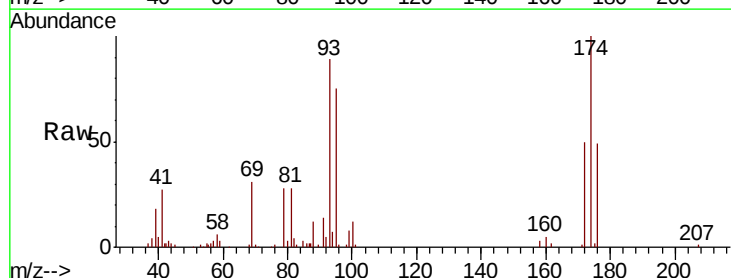
Tgt Ion: 93 Resp: 75025

Ion Ratio Lower Upper

93 100

95 83.5 68.0 102.0

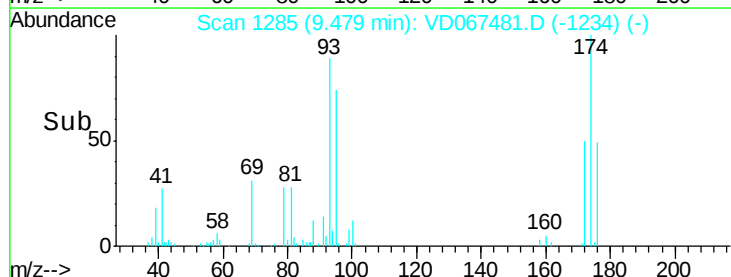
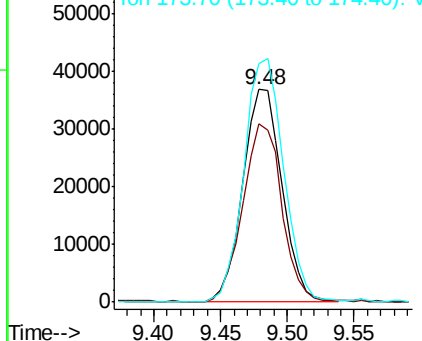
174 115.8 91.8 137.6

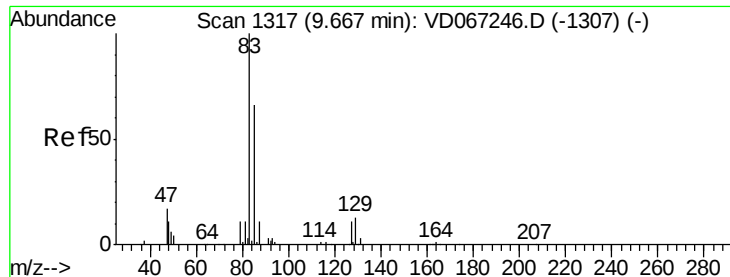


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.058 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

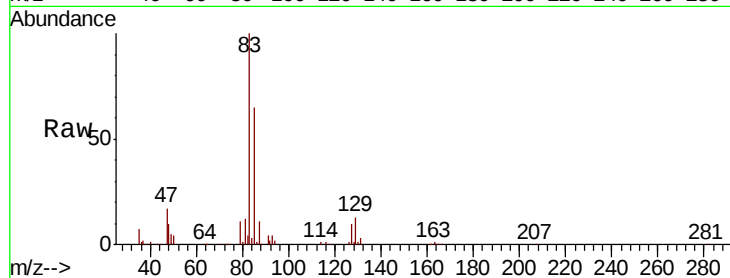
Tot Ion: 83 Resp: 215218

Ion Ratio Lower Upper

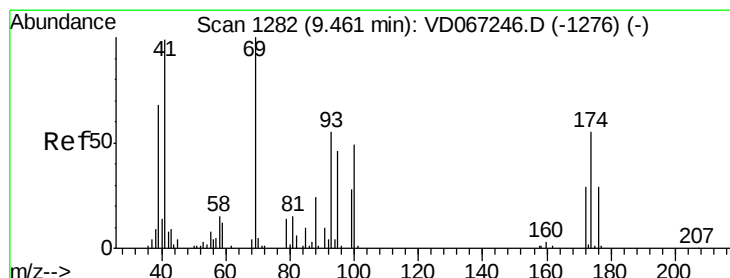
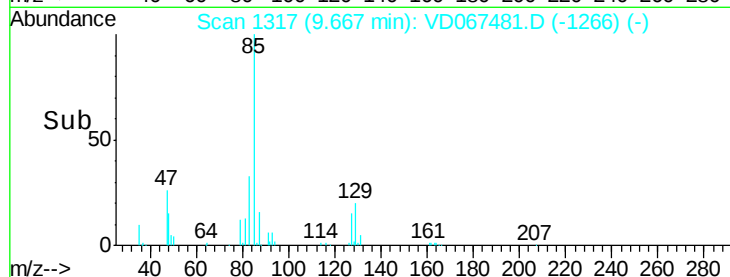
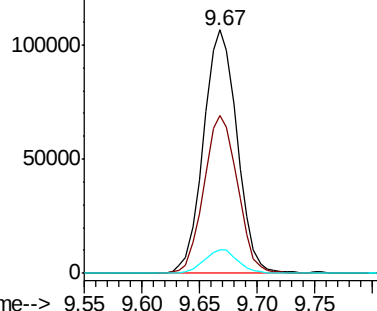
83 100

85 65.0 53.1 79.7

127 9.6 8.6 13.0



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



#48

Methyl methacrylate

Concen: 52.930 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

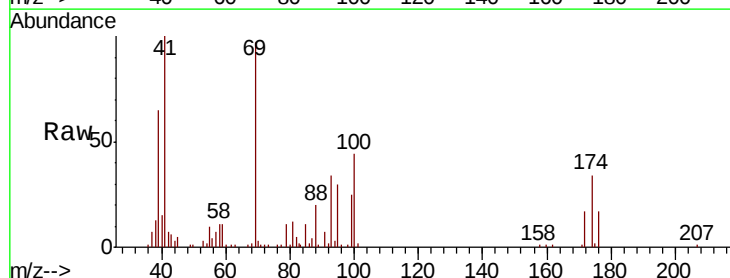
Tgt Ion: 41 Resp: 54321

Ion Ratio Lower Upper

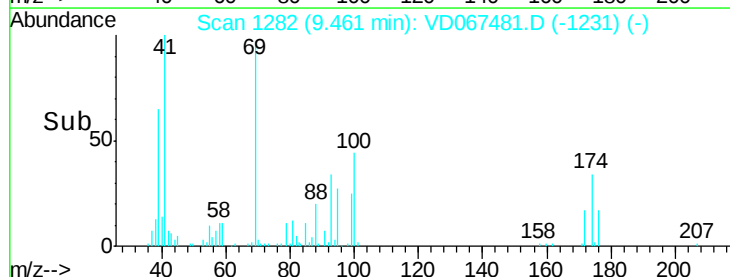
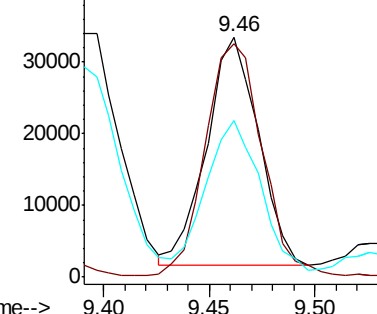
41 100

69 112.2 89.0 133.6

39 74.3 60.2 90.2



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

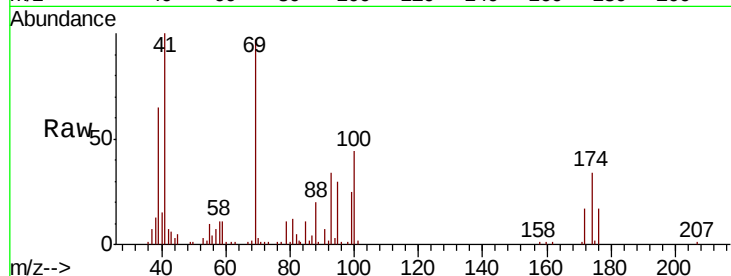




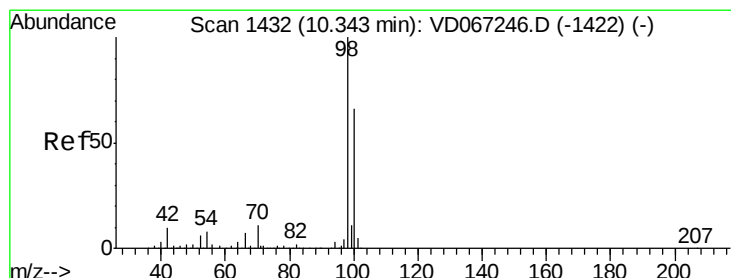
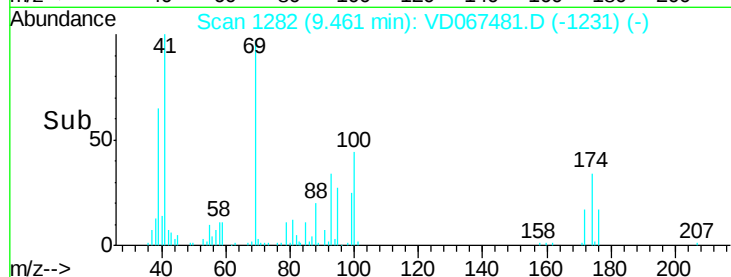
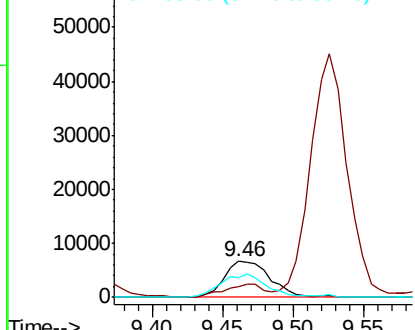
#49
1,4-Dioxane
Concen: 1098.157 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 15187
Ion Ratio Lower Upper
88 100
43 31.3 23.9 35.9
58 64.1 51.0 76.6

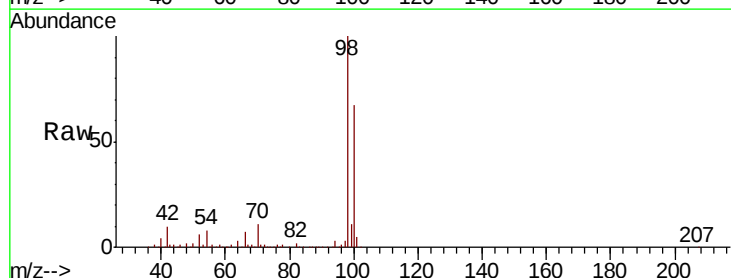


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

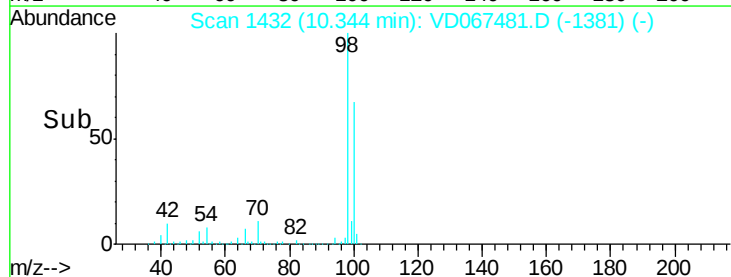
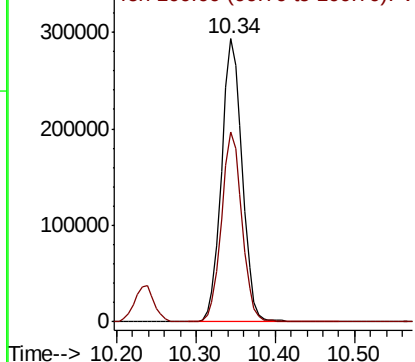


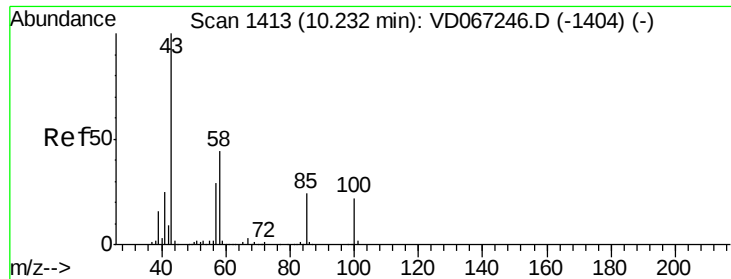
#50
Toluene-d8
Concen: 51.526 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 98 Resp: 529625
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: 270.454 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

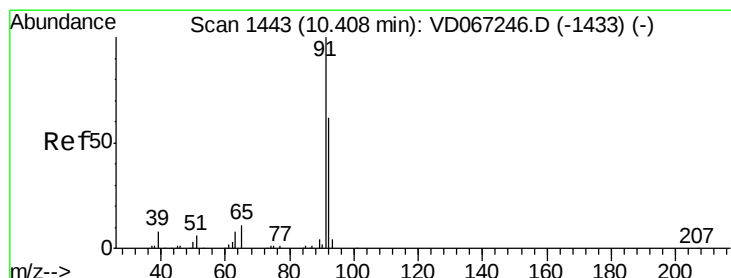
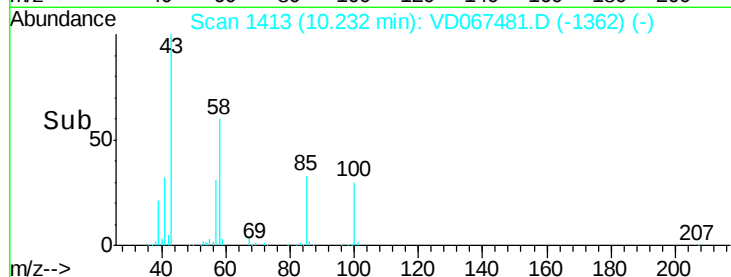
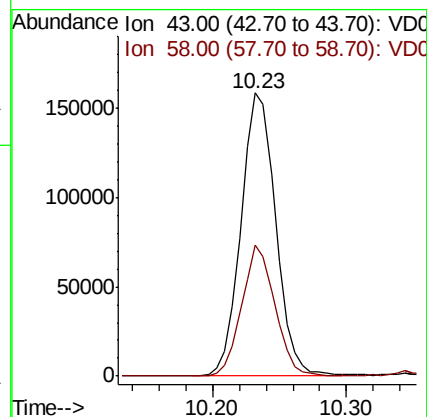
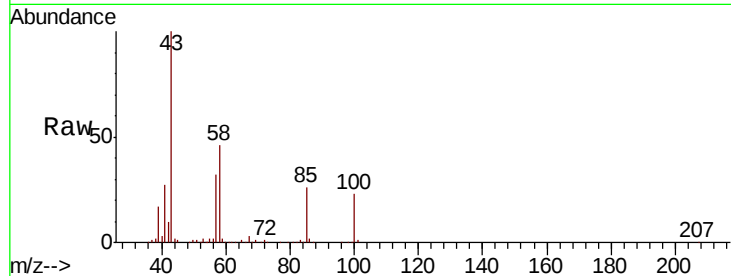
VSTDCCC050EC

Tot Ion: 43 Resp: 284872

Ion Ratio Lower Upper

43 100

58 44.2 35.7 53.5



#52

Toluene

Concen: 56.469 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067481.D

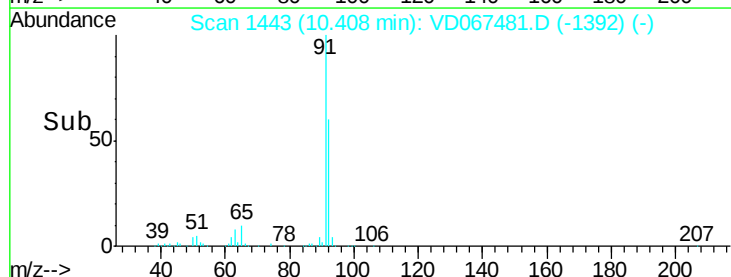
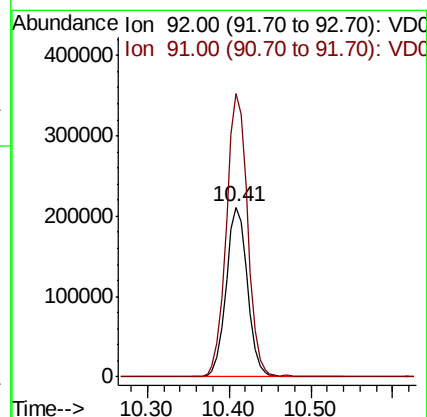
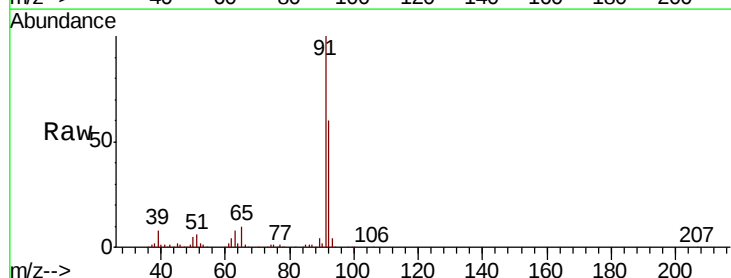
Acq: 30 Oct 2020 19:21

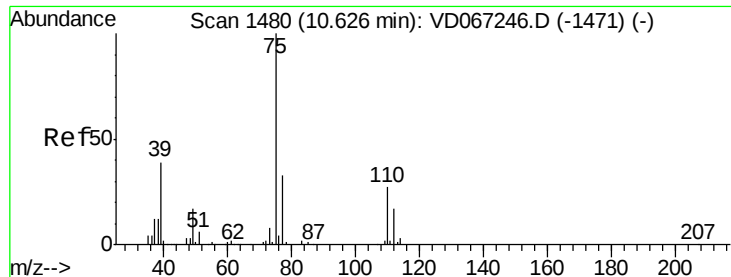
Tgt Ion: 92 Resp: 381676

Ion Ratio Lower Upper

92 100

91 167.3 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 54.279 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

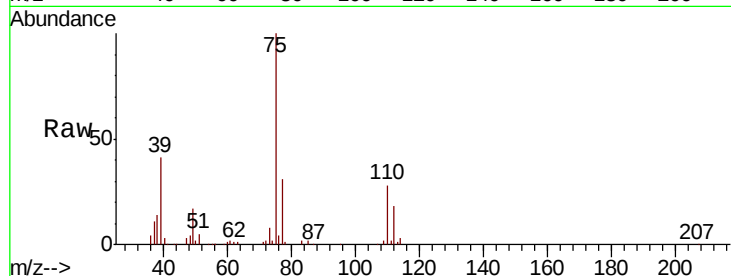
VSTDCCC050EC

Tot Ion: 75 Resp: 183060

Ion Ratio Lower Upper

75 100

77 31.1 26.5 39.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

120000

100000

80000

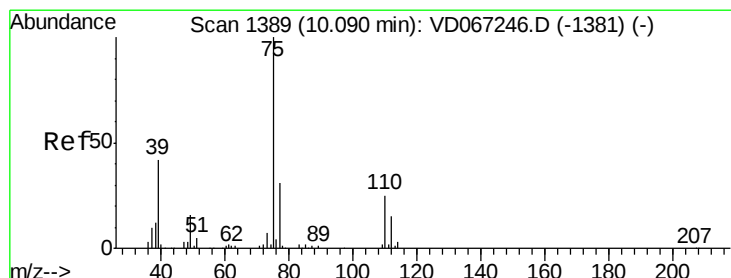
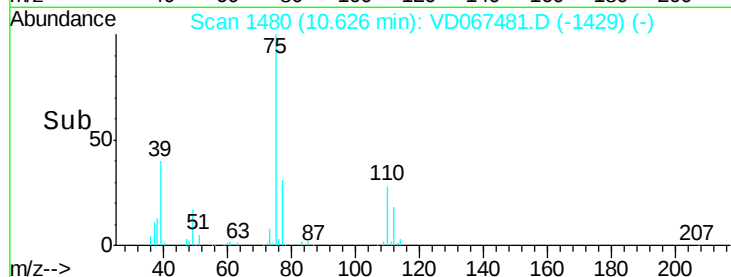
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.058 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

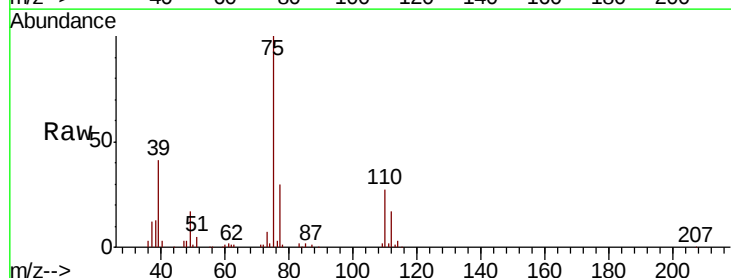
Tgt Ion: 75 Resp: 213364

Ion Ratio Lower Upper

75 100

77 29.8 24.5 36.7

39 40.8 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.10

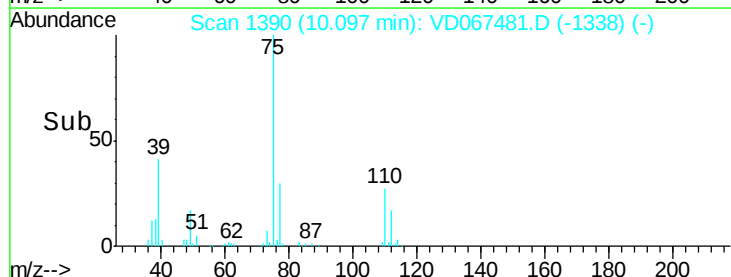
150000

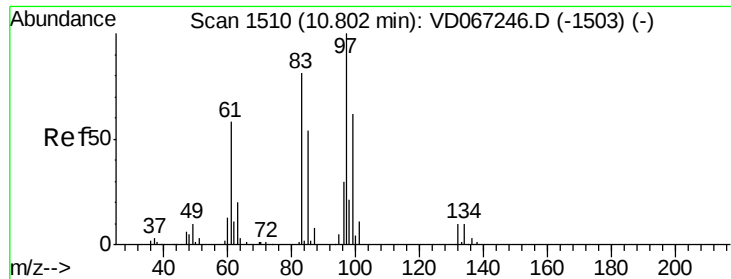
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 55.715 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 108869

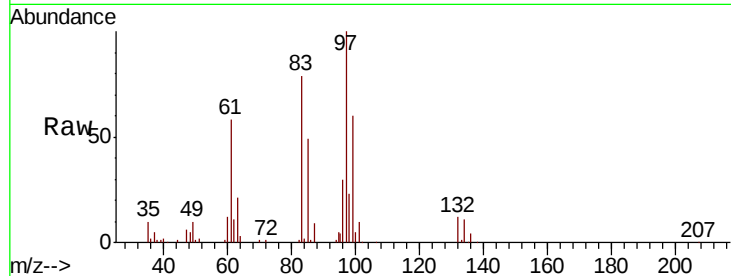
Ion Ratio Lower Upper

97 100

83 78.9 64.9 97.3

85 48.8 43.3 64.9

99 60.0 49.1 73.7

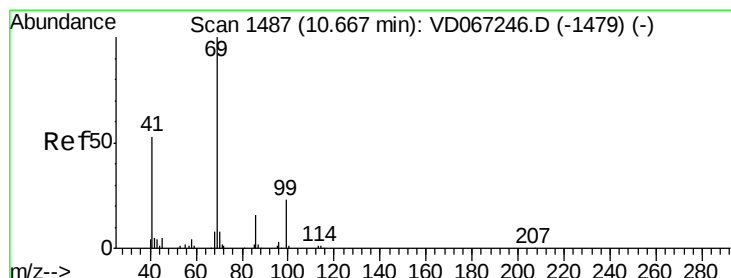
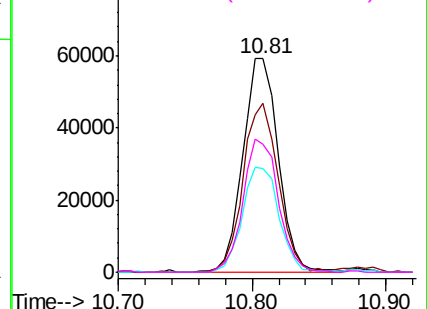
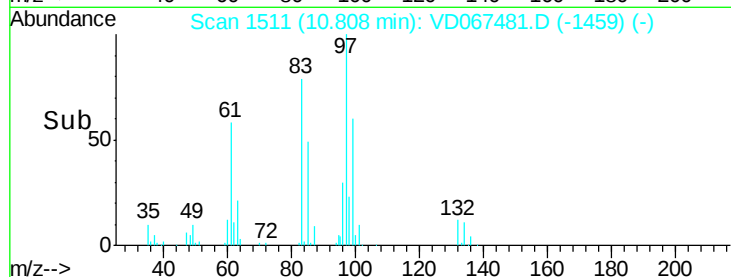


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 57.450 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

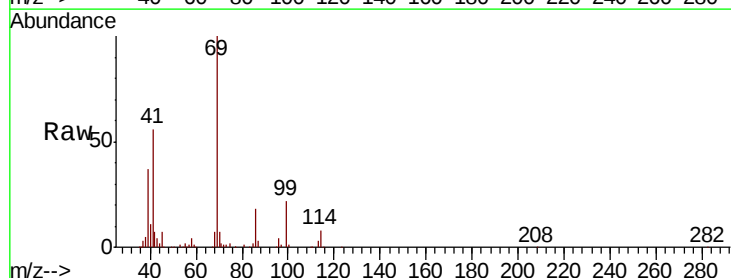
Tgt Ion: 69 Resp: 116425

Ion Ratio Lower Upper

69 100

41 54.3 44.7 67.1

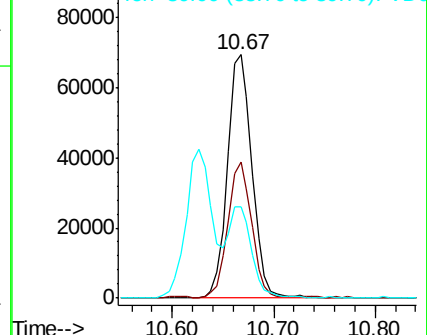
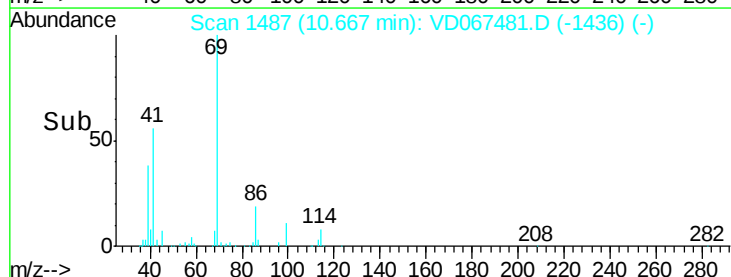
39 34.6 26.2 39.2

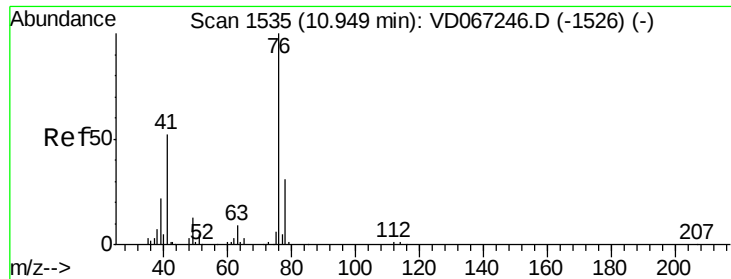


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

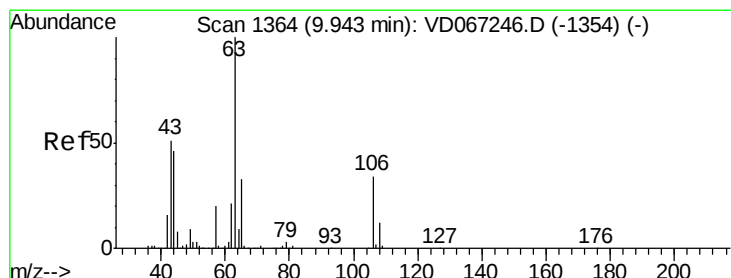
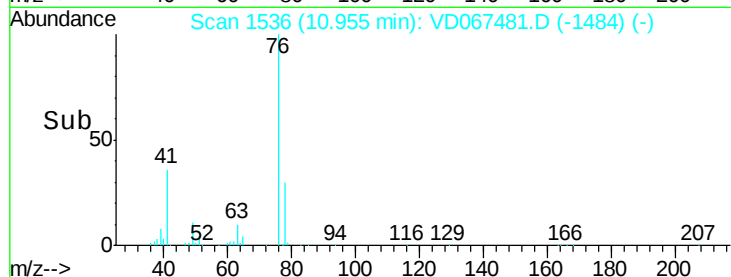
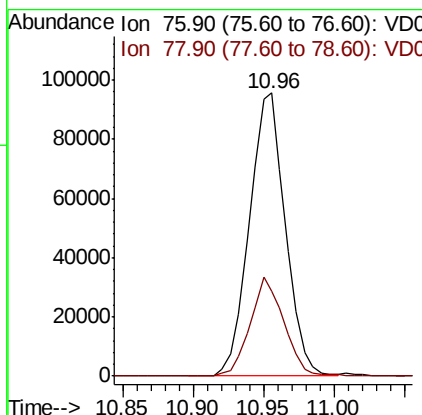
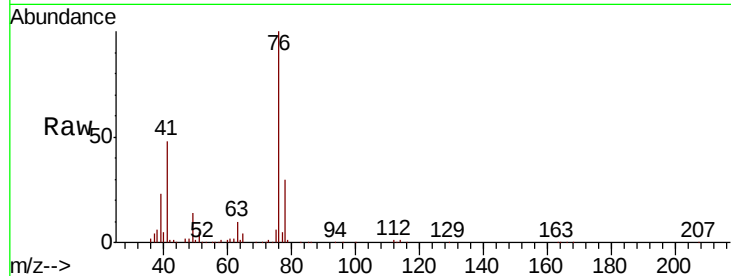




#57
 1,3-Dichloropropane
 Concen: 55.056 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

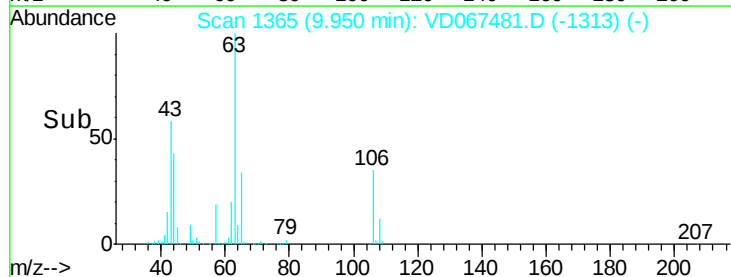
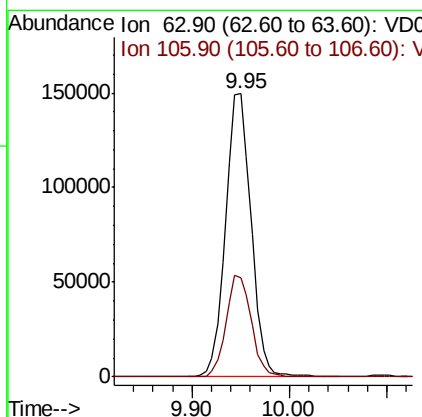
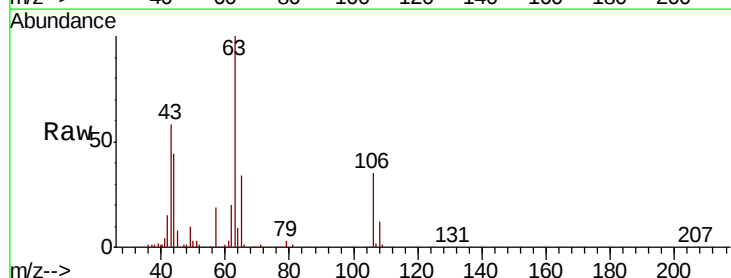
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

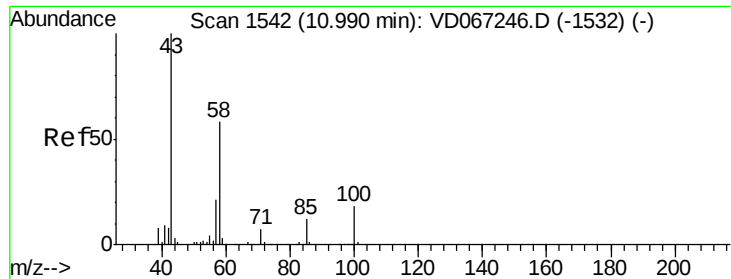
Tot Ion: 76 Resp: 171208
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.309 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

Tgt Ion: 63 Resp: 271661
 Ion Ratio Lower Upper
 63 100
 106 35.4 27.8 41.6

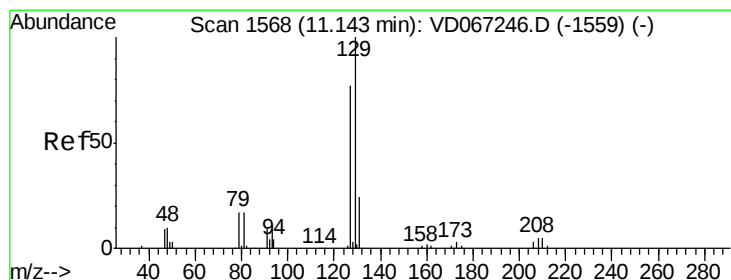
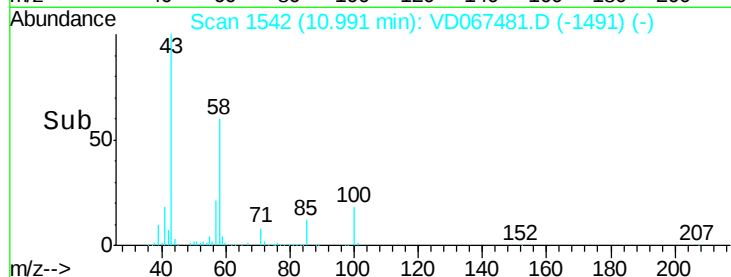
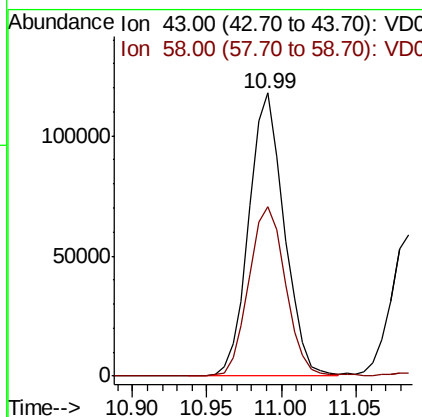
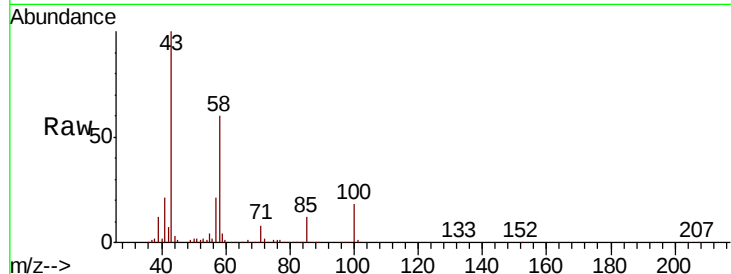




#59
2-Hexanone
Concen: 267.994 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

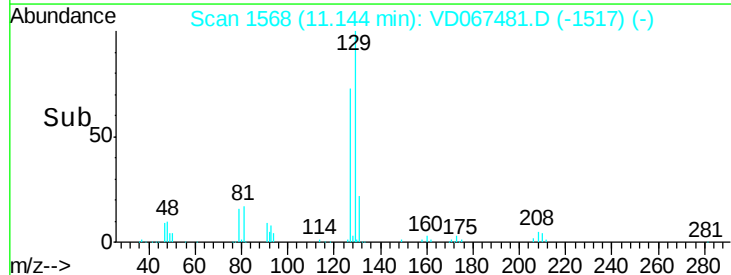
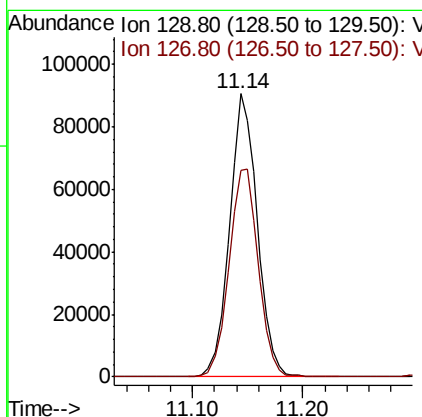
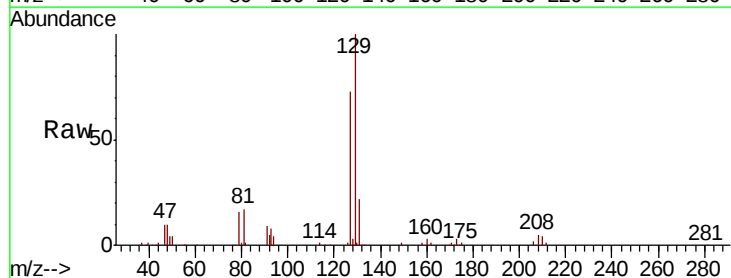
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

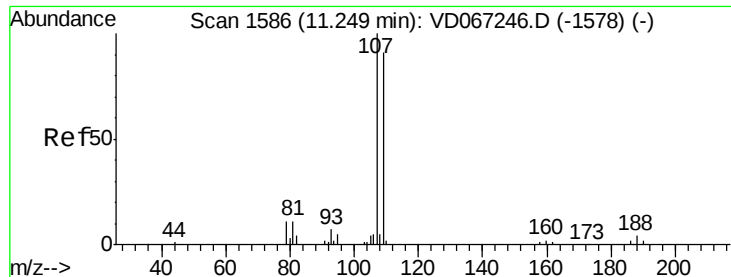
Tot Ion: 43 Resp: 192891
Ion Ratio Lower Upper
43 100
58 62.2 29.3 87.9



#60
Dibromochloromethane
Concen: 55.932 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 129 Resp: 159388
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 53.971 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

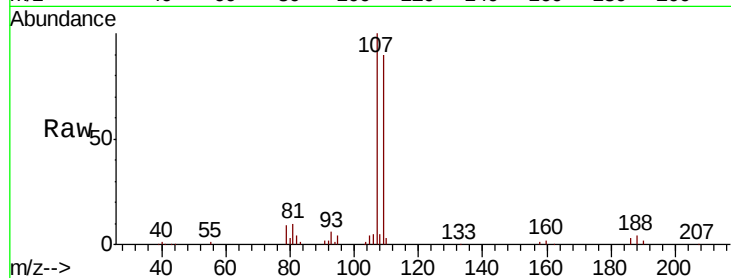
VSTDCCC050EC

Tot Ion:107 Resp: 103969

Ion Ratio Lower Upper

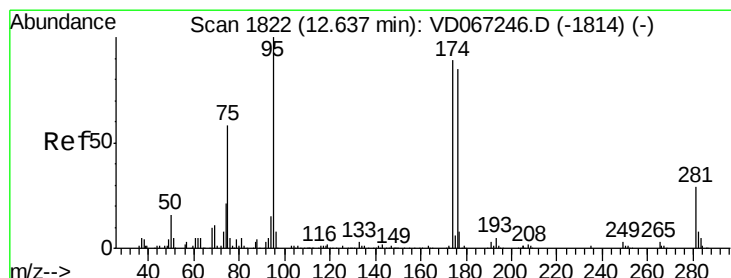
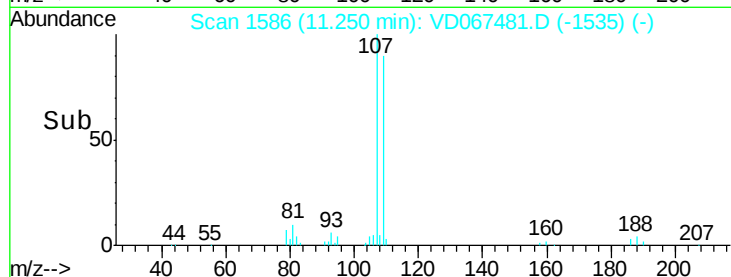
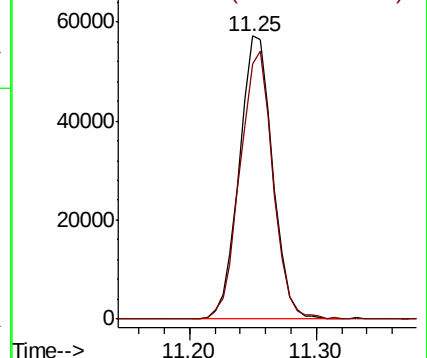
107 100

109 93.7 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.850 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

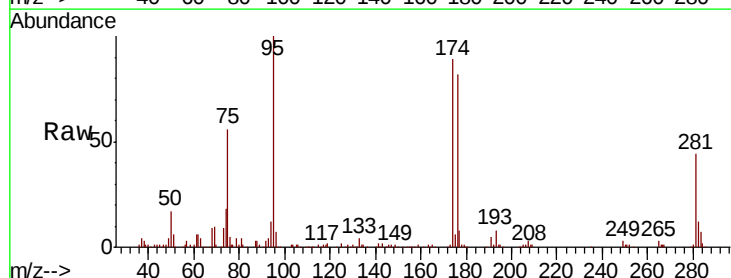
Tgt Ion: 95 Resp: 188895

Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.2

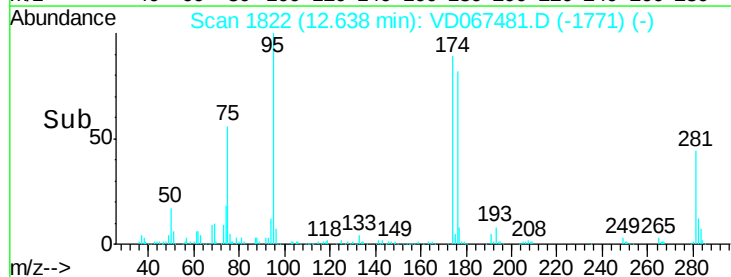
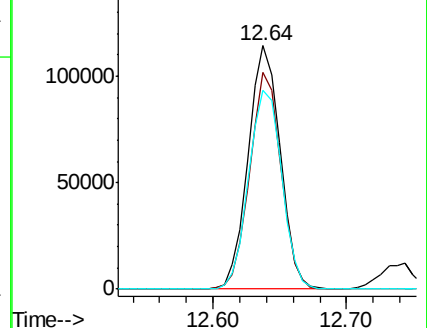
176 84.6 0.0 168.6

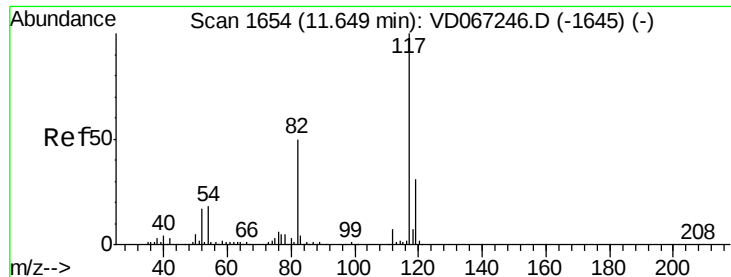


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

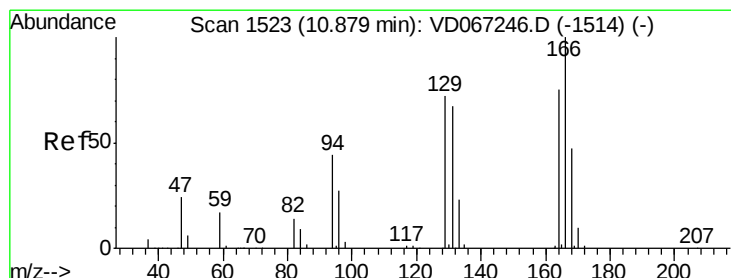
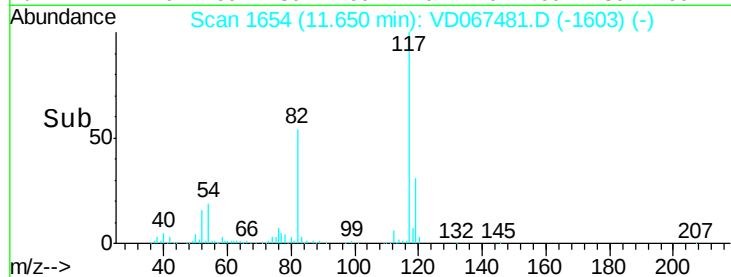
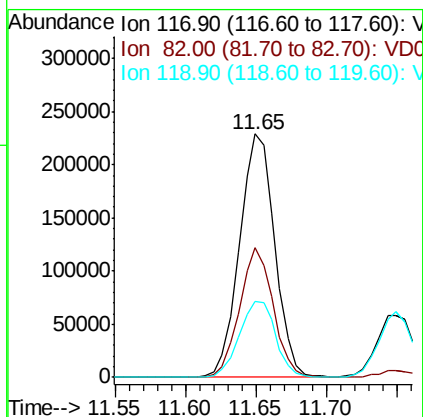
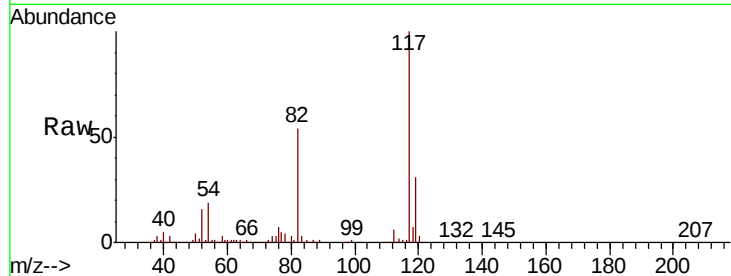




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

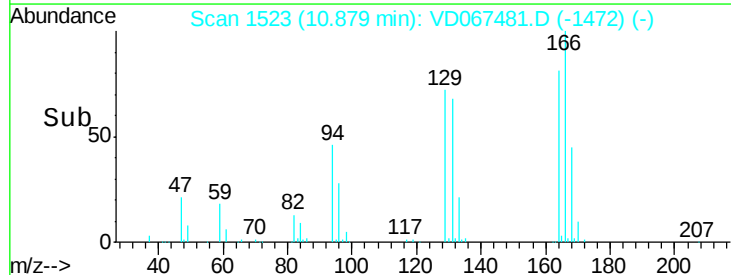
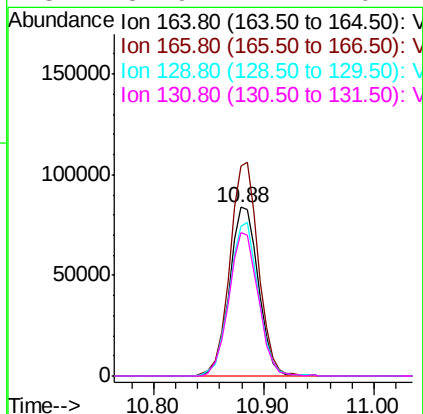
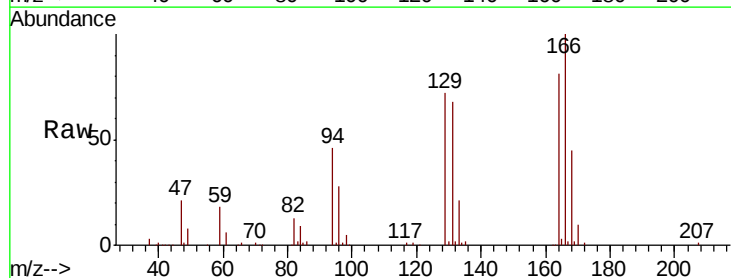
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

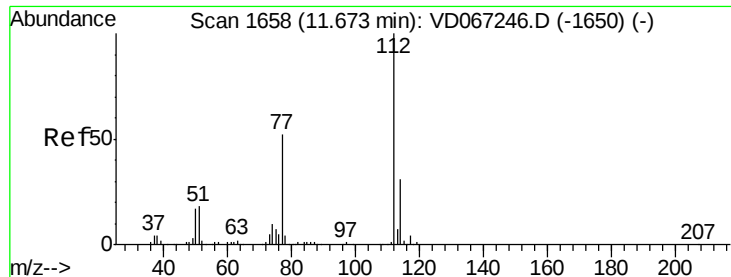
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	39.9	59.9
119	31.4	24.9	37.3



#64
Tetrachloroethene
Concen: 53.385 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	107.3	160.9
129	88.7	77.3	115.9
131	84.9	71.4	107.2

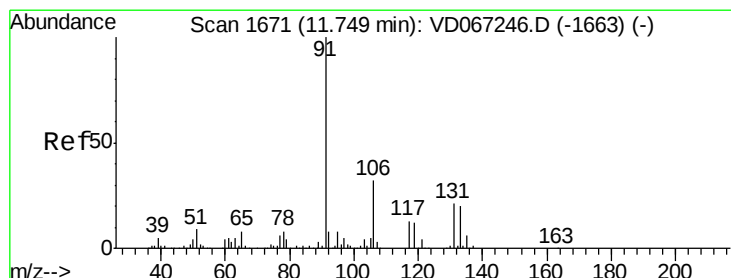
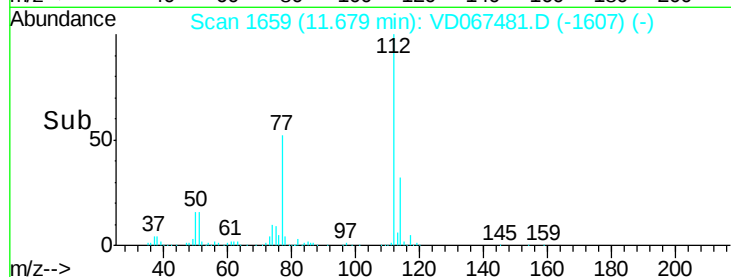
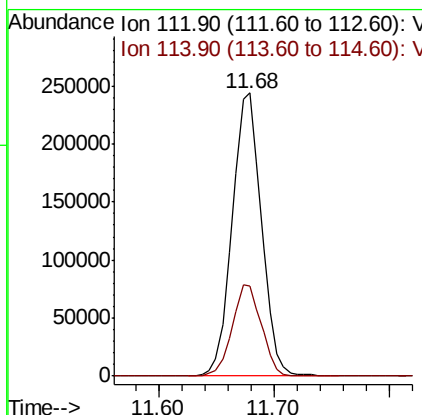
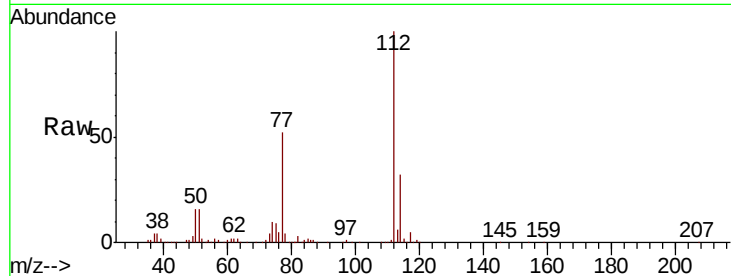




#65
Chlorobenzene
Concen: 55.722 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

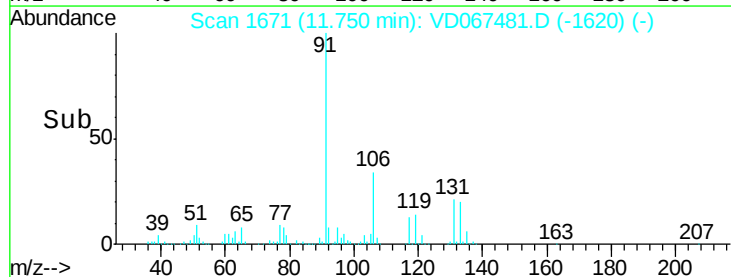
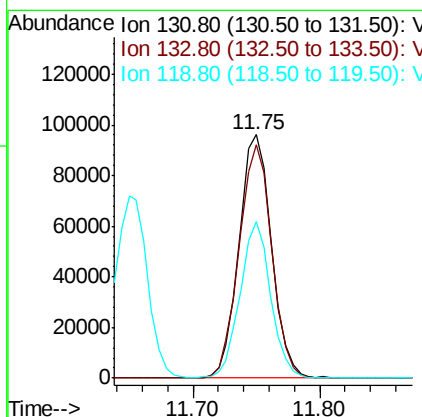
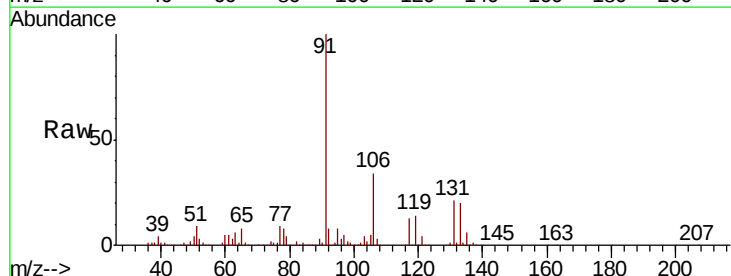
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

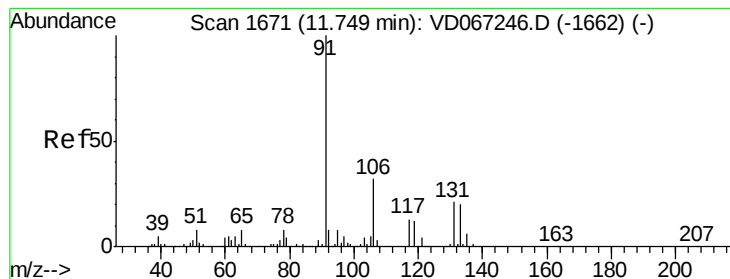
Tot Ion:112 Resp: 427130
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.246 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion:131 Resp: 171356
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.3
119 60.8 30.0 90.0





#67

Ethyl Benzene

Concen: 55.700 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

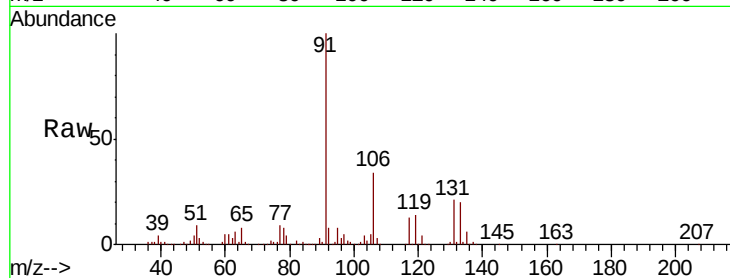
VSTDCCC050EC

Tot Ion: 91 Resp: 731892

Ion Ratio Lower Upper

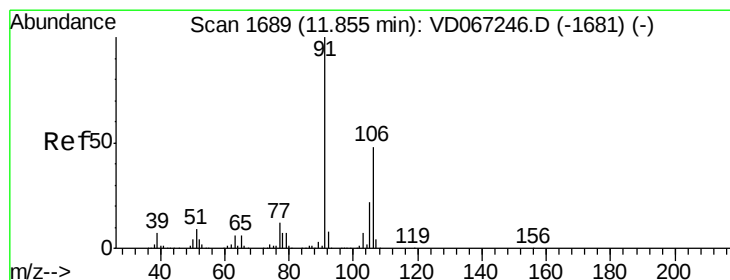
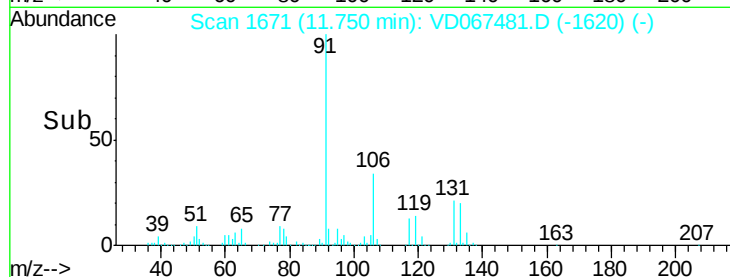
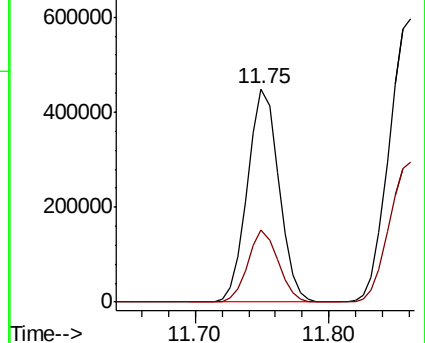
91 100

106 33.6 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 112.218 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067481.D

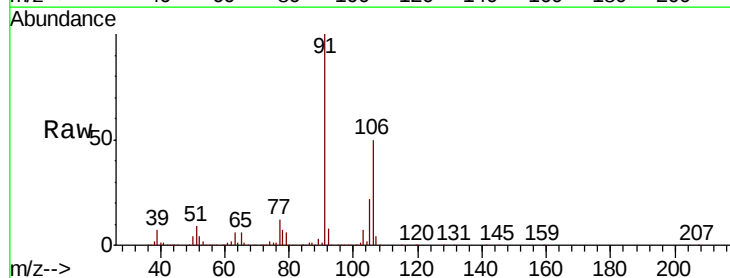
Acq: 30 Oct 2020 19:21

Tgt Ion: 106 Resp: 567818

Ion Ratio Lower Upper

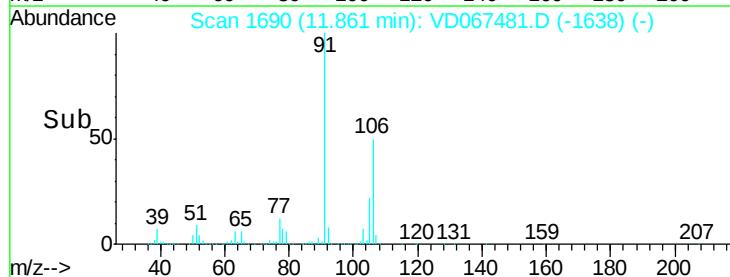
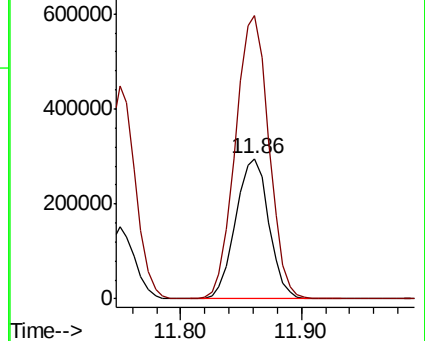
106 100

91 203.3 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

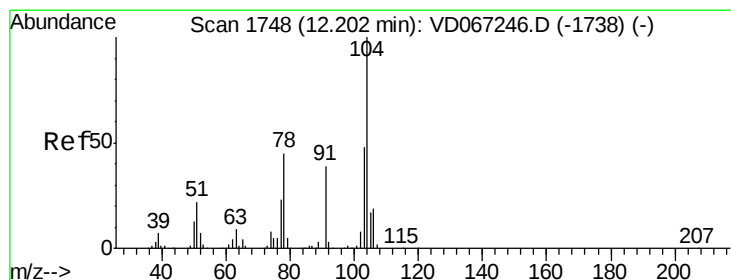
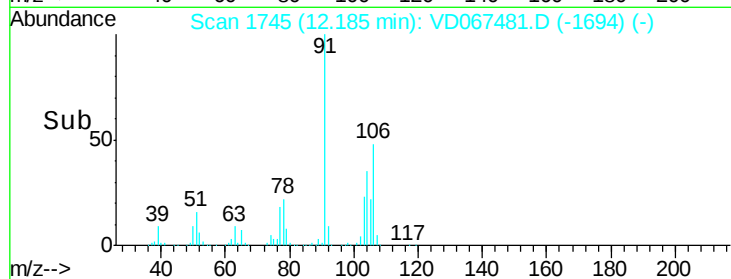
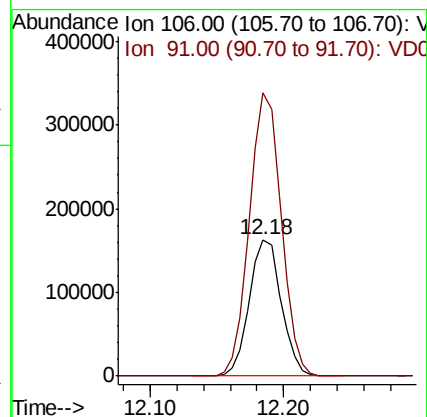
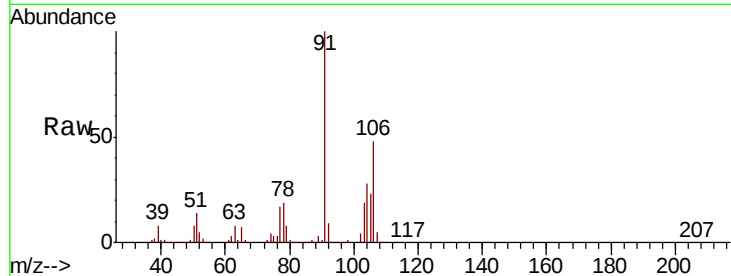




#69
o-Xylene
Concen: 57.415 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

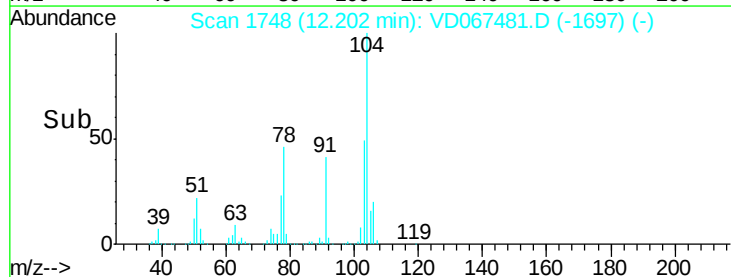
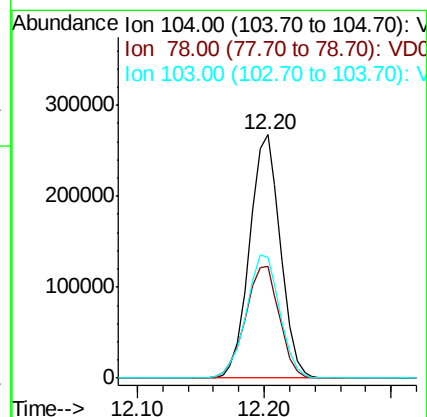
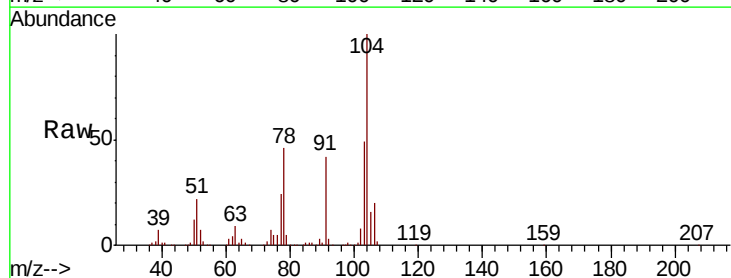
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

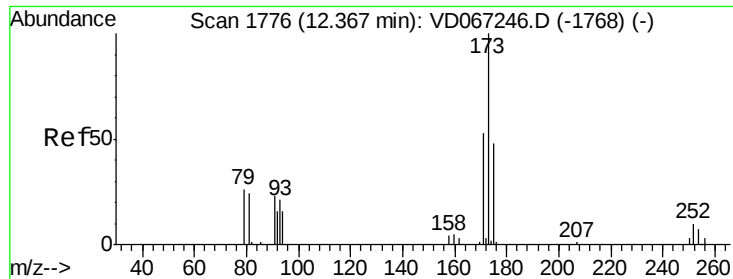
Tot Ion:106 Resp: 269024
Ion Ratio Lower Upper
106 100
91 207.4 109.1 327.3



#70
Styrene
Concen: 56.200 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion:104 Resp: 453306
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.6
103 54.8 42.6 64.0





#71

Bromoform

Concen: 54.756 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

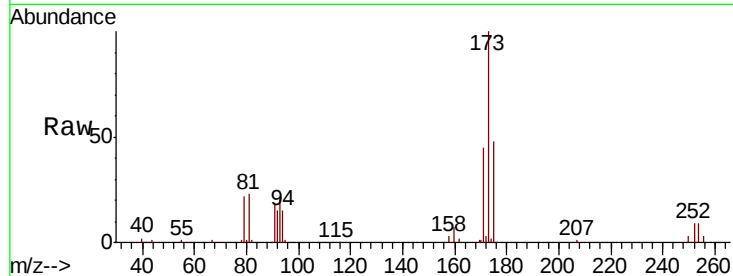
Tot Ion:173 Resp: 89619

Ion Ratio Lower Upper

173 100

175 49.9 24.2 72.6

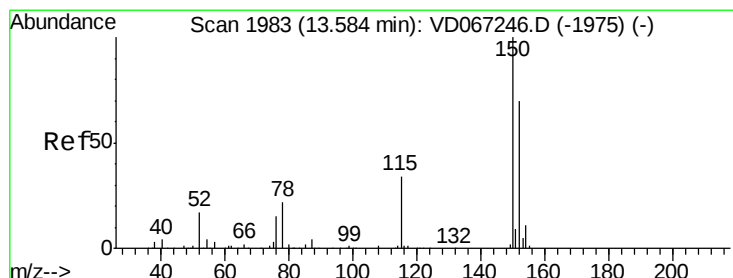
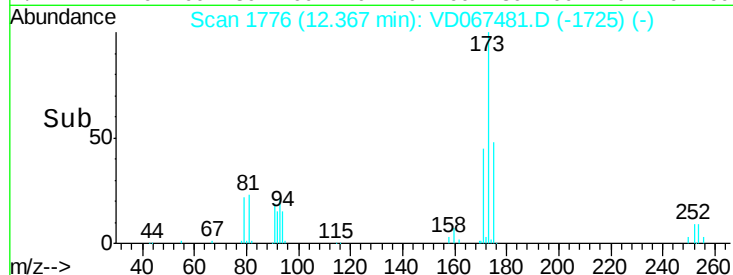
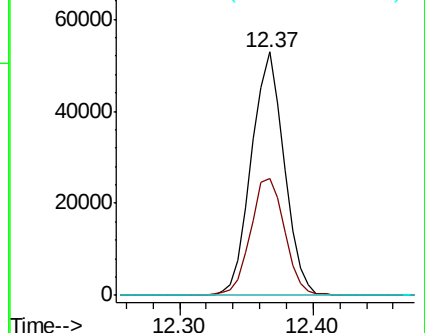
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

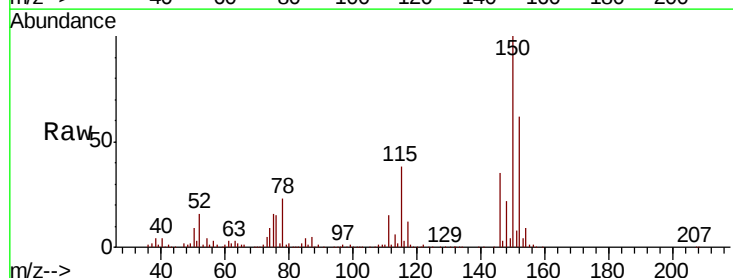
Tgt Ion:152 Resp: 206155

Ion Ratio Lower Upper

152 100

115 59.3 29.3 87.9

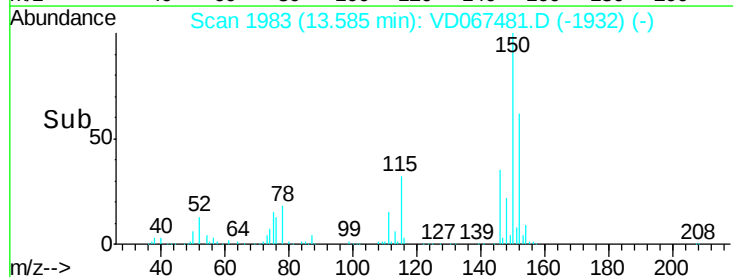
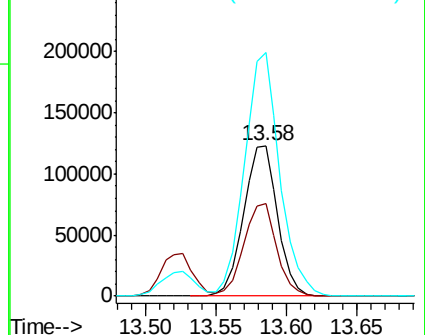
150 169.0 0.0 339.0

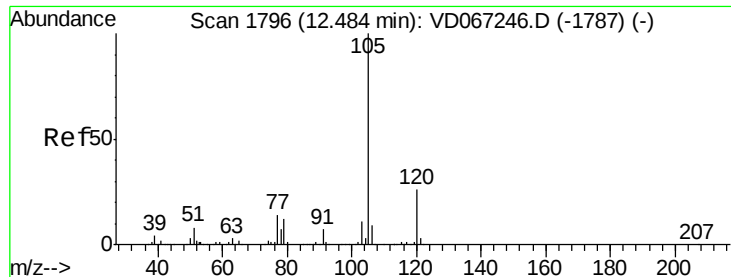


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

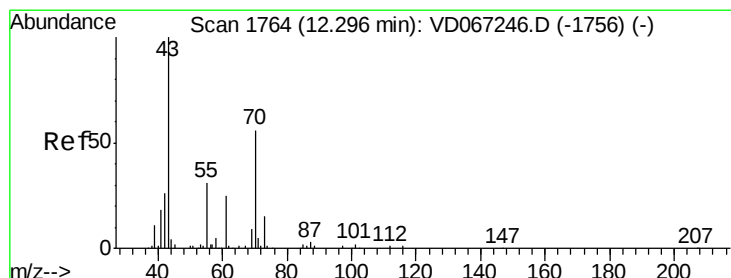
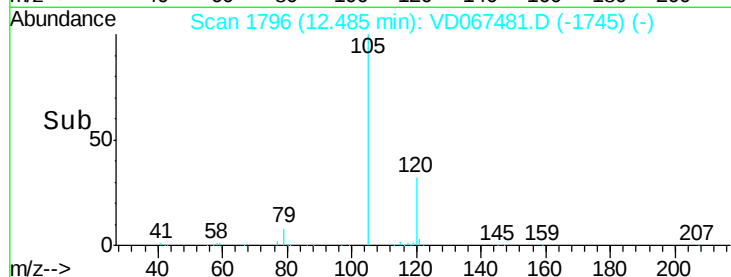
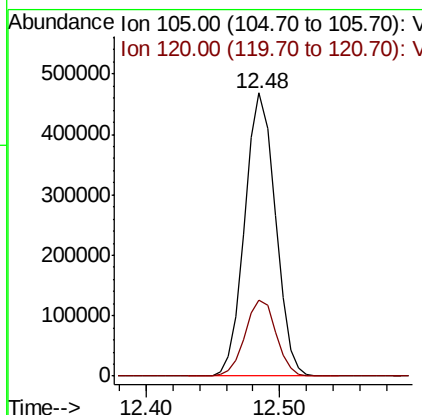
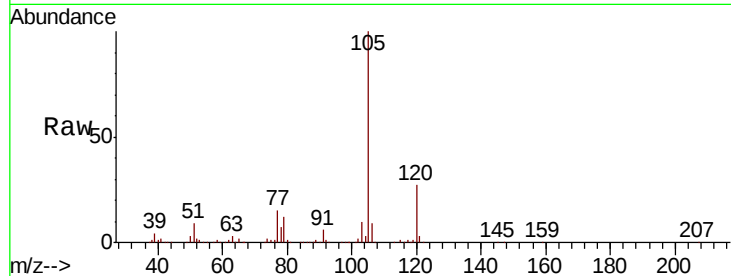




#73
Isopropylbenzene
Concen: 56.879 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

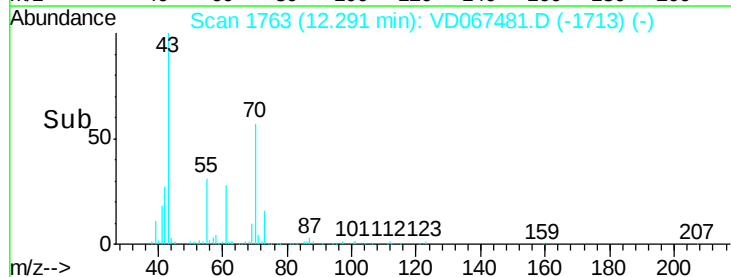
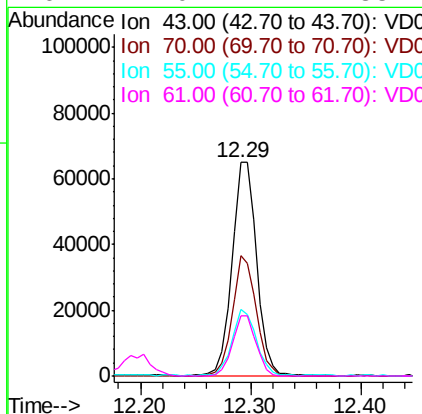
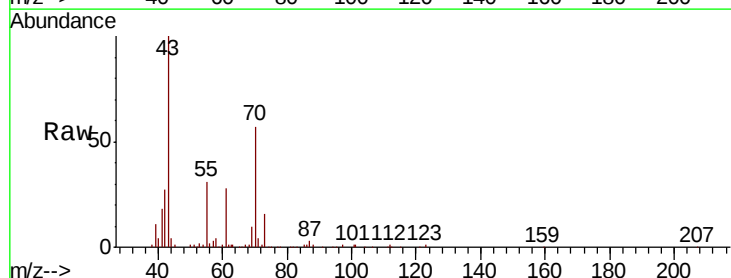
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

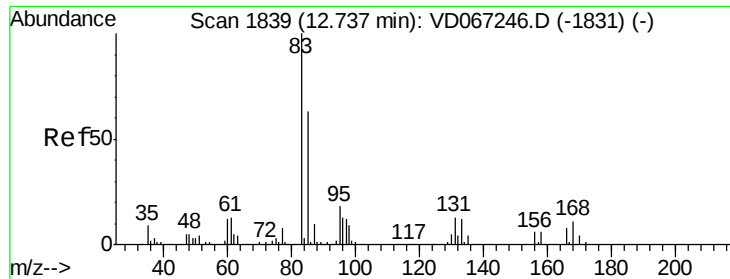
Tot Ion:105 Resp: 744208
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.8



#74
N-ethyl acetate
Concen: 51.758 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 43 Resp: 102279
Ion Ratio Lower Upper
43 100
70 54.3 42.7 64.1
55 31.0 24.0 36.0
61 27.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.975 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

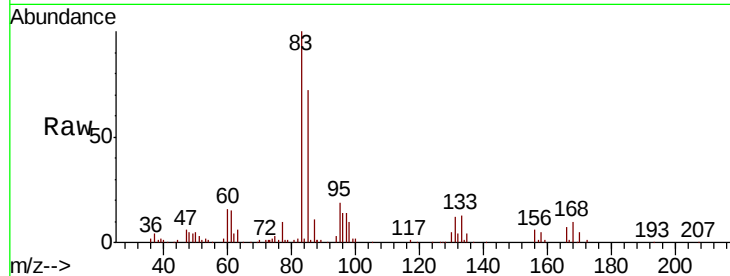
Tot Ion: 83 Resp: 104198

Ion Ratio Lower Upper

83 100

131 14.4 6.5 19.5

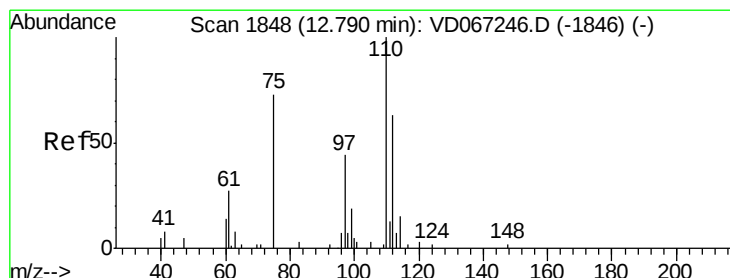
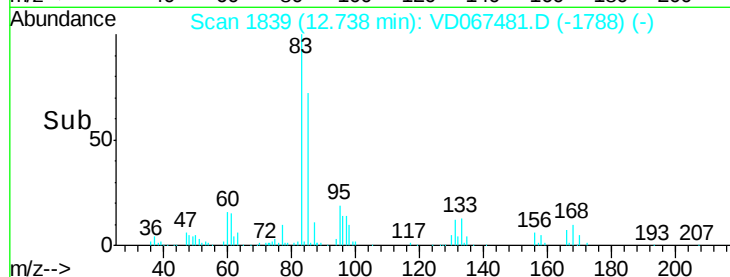
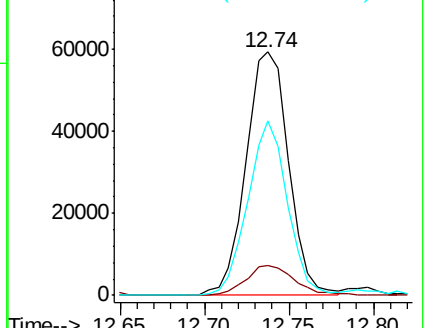
85 66.6 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 99.499 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067481.D

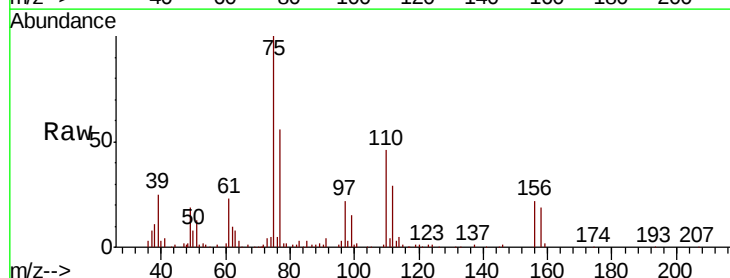
Acq: 30 Oct 2020 19:21

Tgt Ion: 75 Resp: 142169

Ion Ratio Lower Upper

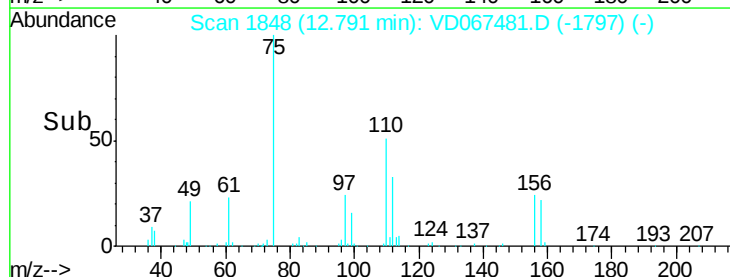
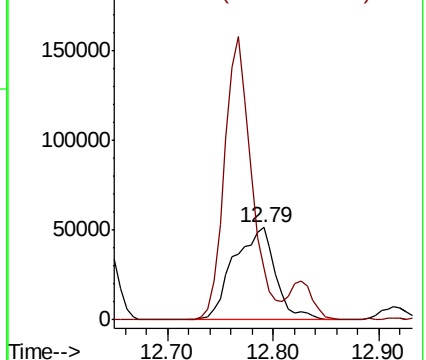
75 100

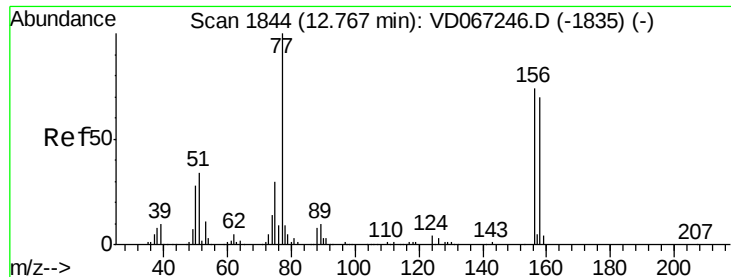
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 54.315 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

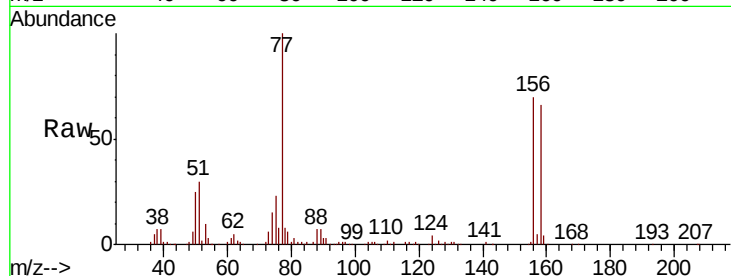
Tot Ion:156 Resp: 177172

Ion Ratio Lower Upper

156 100

77 159.1 78.0 233.8

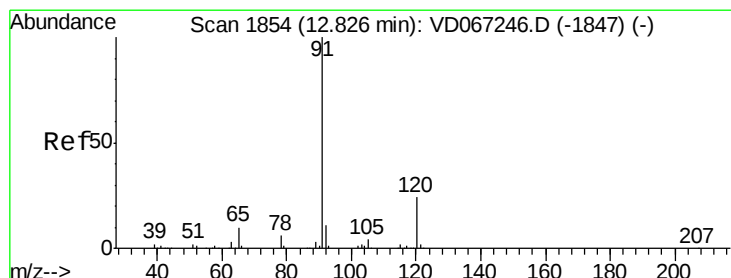
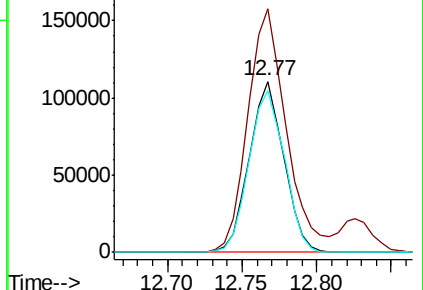
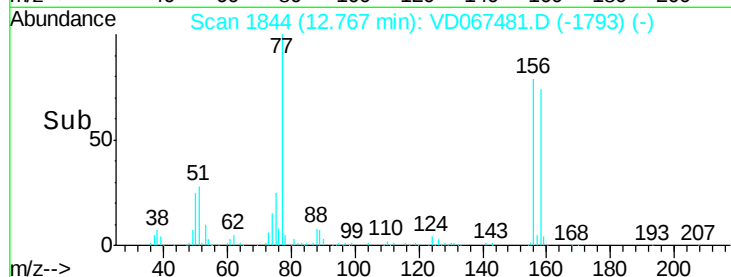
158 97.2 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.678 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067481.D

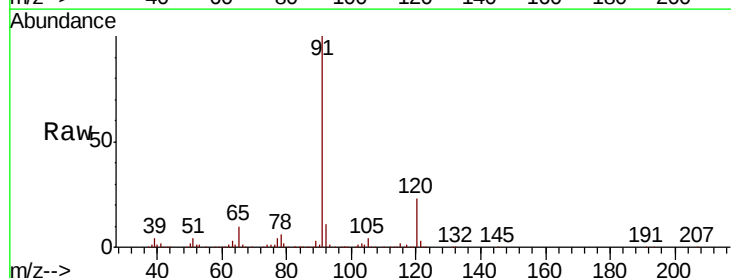
Acq: 30 Oct 2020 19:21

Tgt Ion: 91 Resp: 844042

Ion Ratio Lower Upper

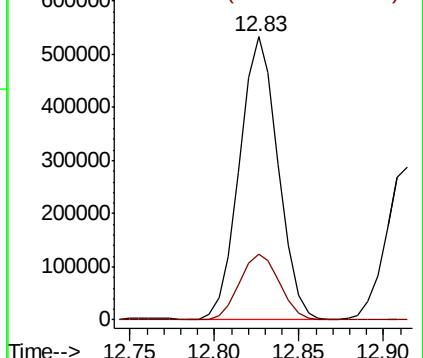
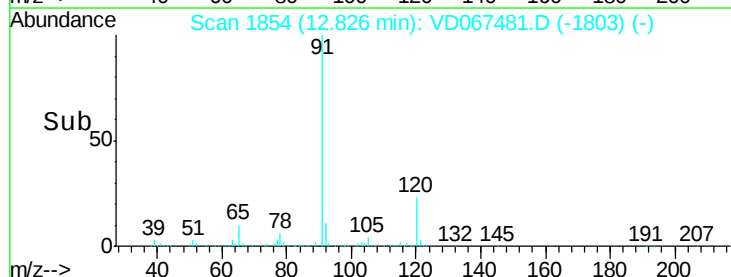
91 100

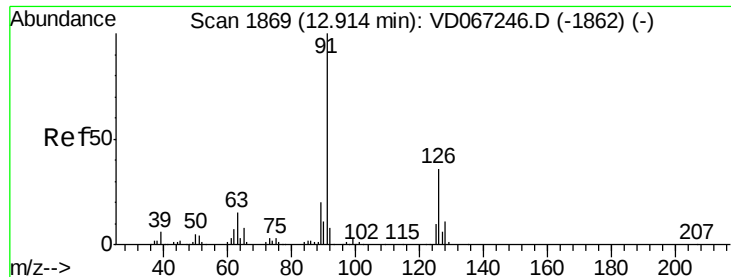
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

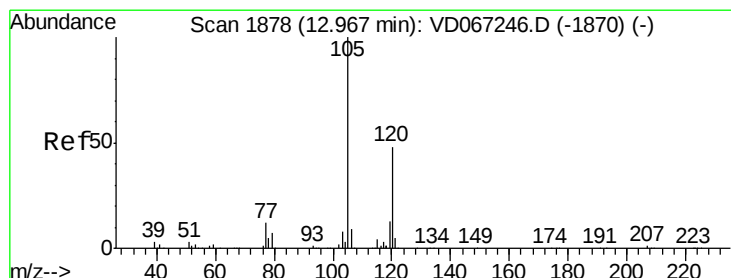
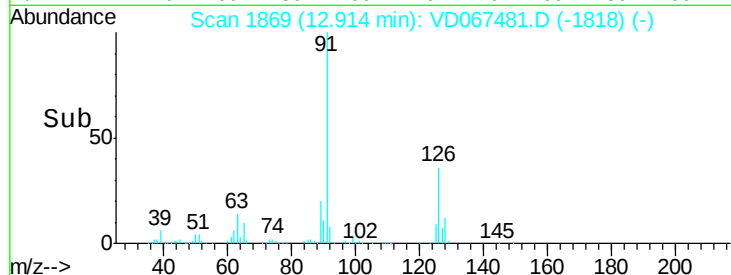
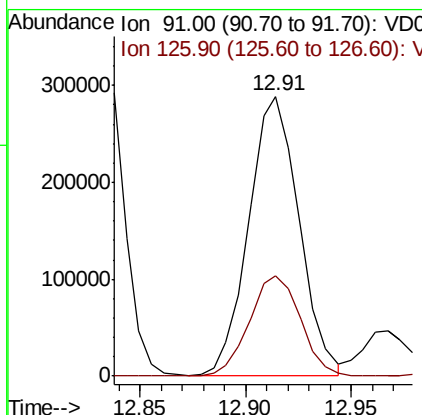
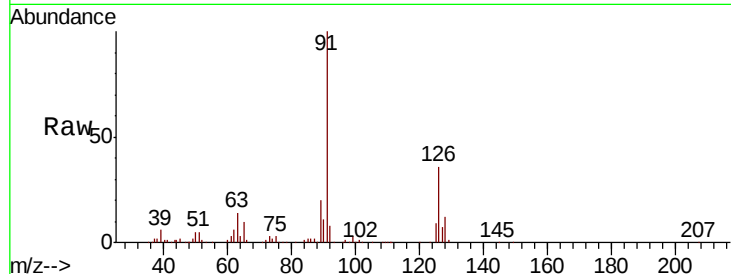




#79
 2-Chlorotoluene
 Concen: 54.297 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

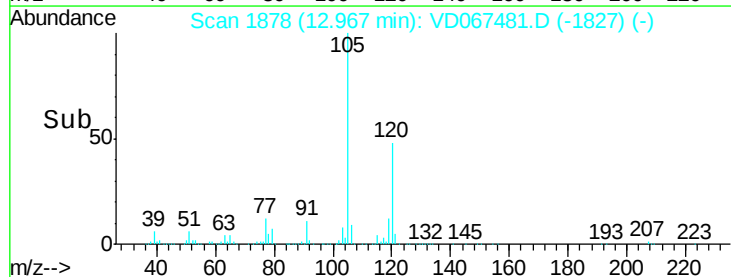
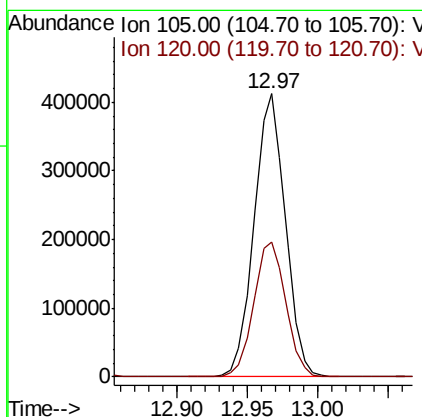
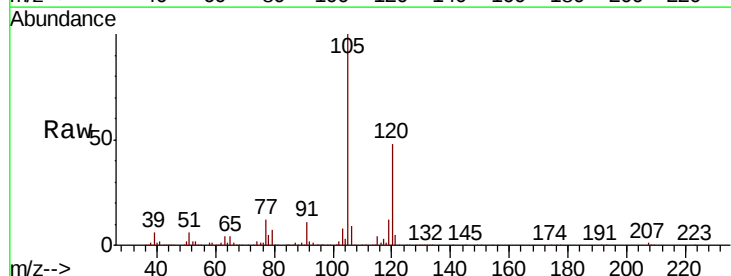
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

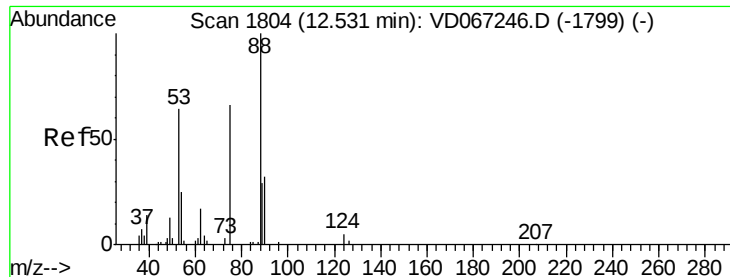
Tot Ion: 91 Resp: 477338
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 56.285 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

Tgt Ion: 105 Resp: 639952
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.183 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

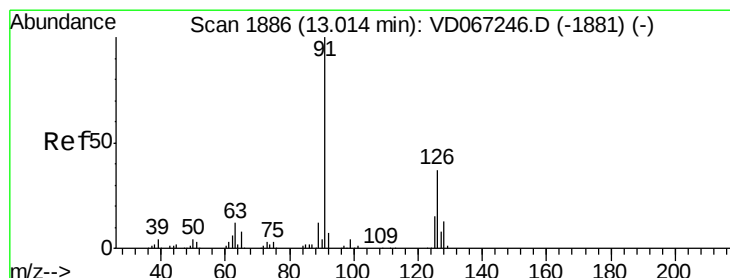
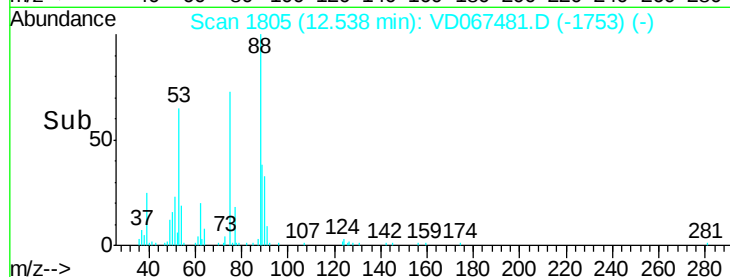
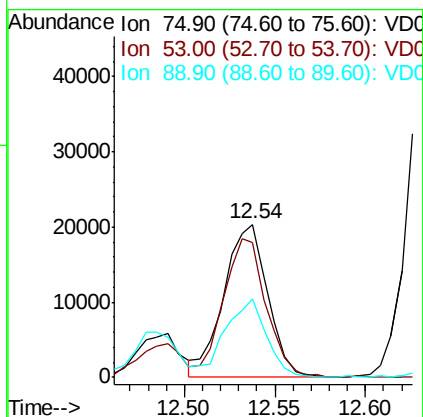
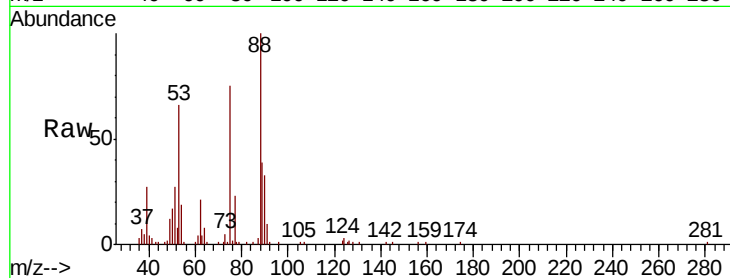
Tot Ion: 75 Resp: 34140

Ion Ratio Lower Upper

75 100

53 89.3 78.5 117.7

89 48.9 39.9 59.9



#82

4-Chlorotoluene

Concen: 55.757 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD067481.D

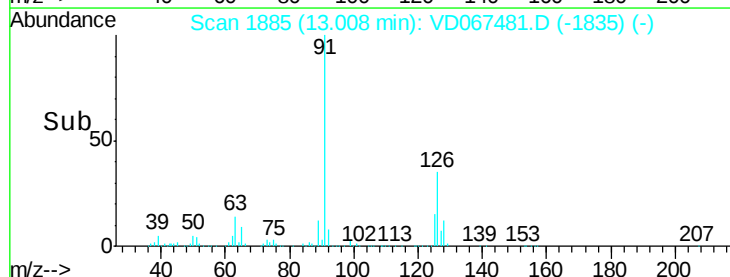
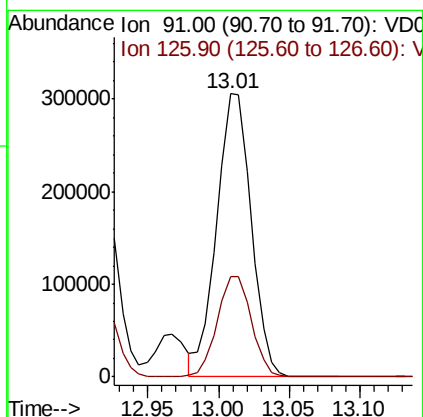
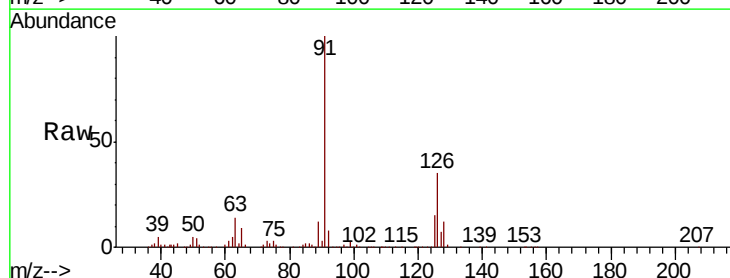
Acq: 30 Oct 2020 19:21

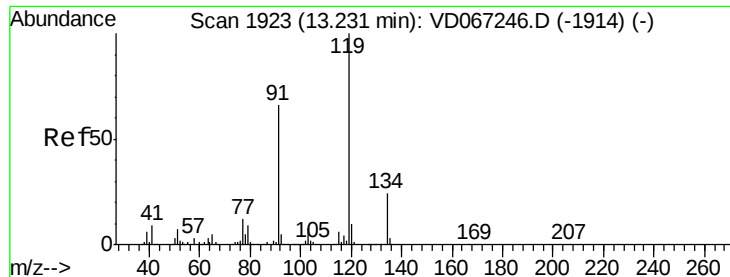
Tgt Ion: 91 Resp: 520252

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.5





#83

tert-Butylbenzene

Concen: 57.961 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

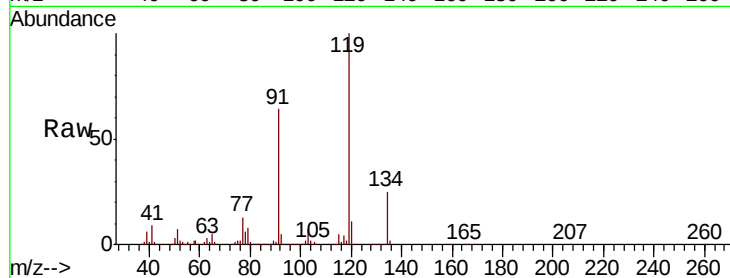
Tot Ion:119 Resp: 556675

Ion Ratio Lower Upper

119 100

91 64.2 33.1 99.2

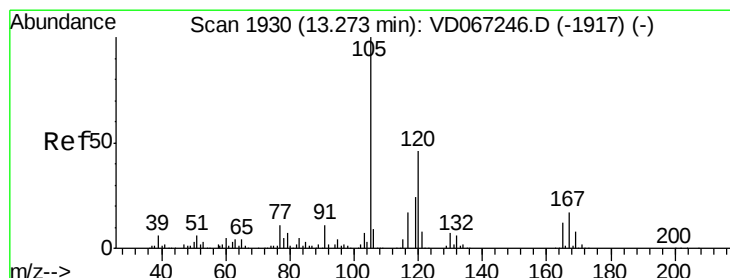
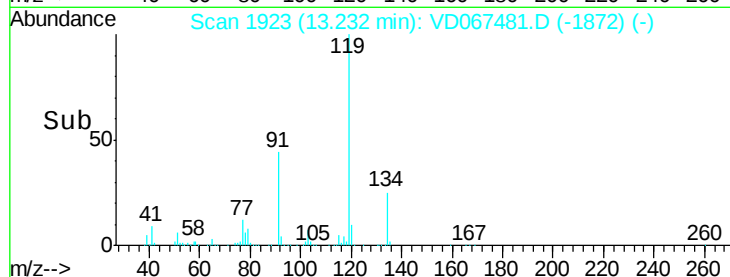
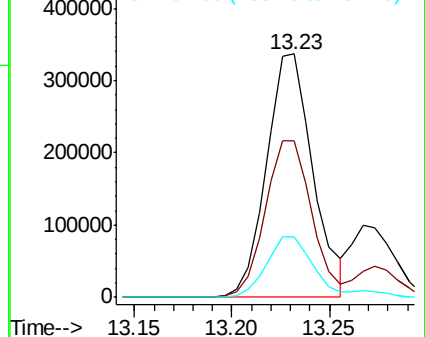
134 25.0 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.993 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067481.D

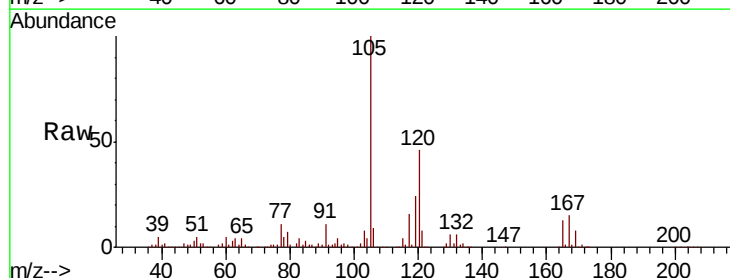
Acq: 30 Oct 2020 19:21

Tgt Ion:105 Resp: 640475

Ion Ratio Lower Upper

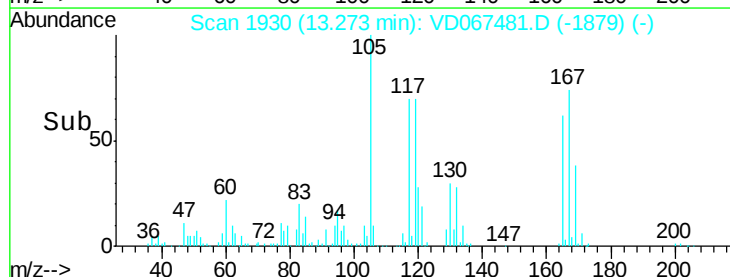
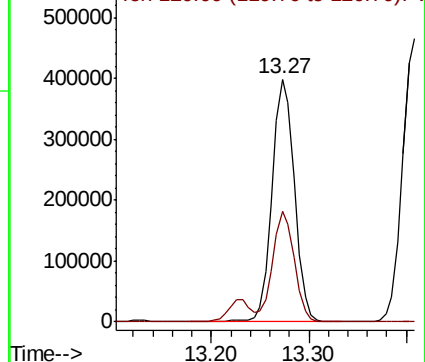
105 100

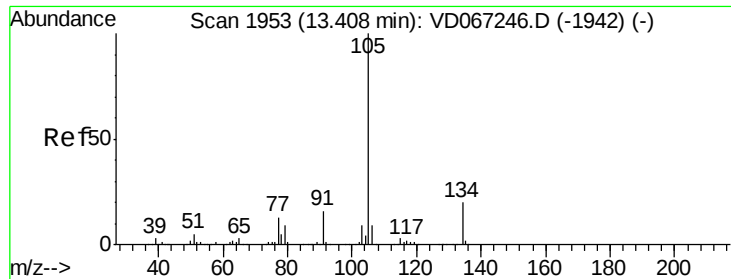
120 44.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.459 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

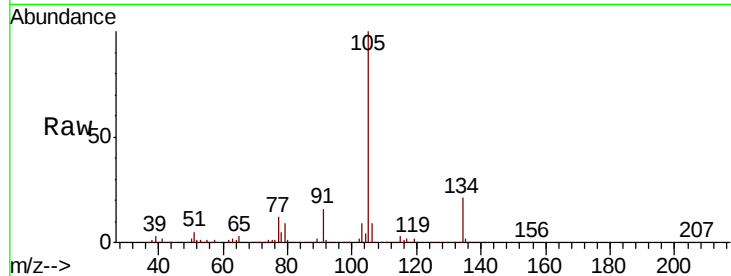
VSTDCCC050EC

Tot Ion:105 Resp: 744047

Ion Ratio Lower Upper

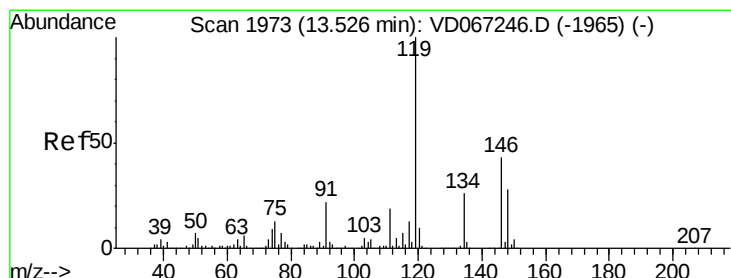
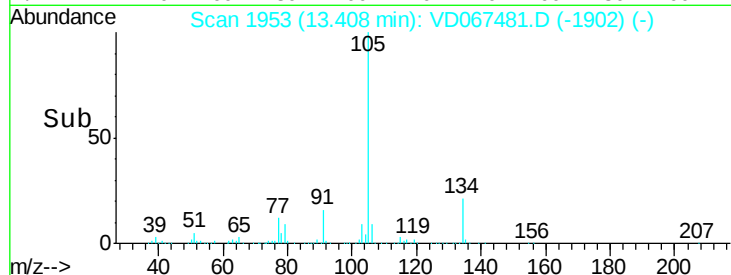
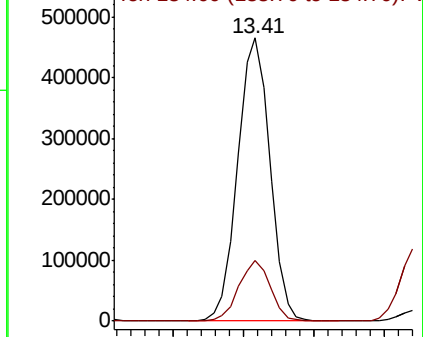
105 100

134 20.9 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.980 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

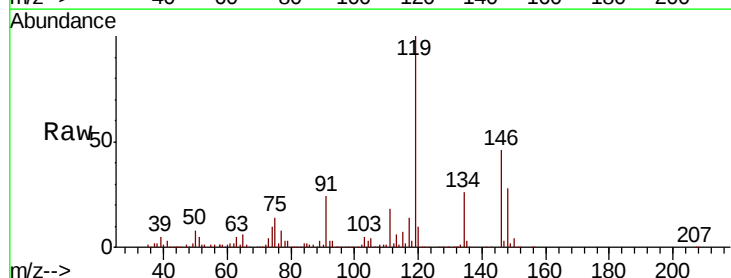
Tgt Ion:119 Resp: 708763

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

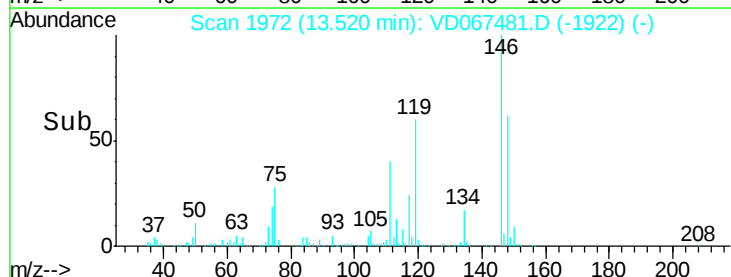
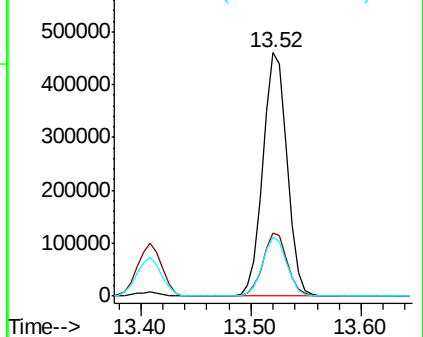
91 24.0 11.9 35.9

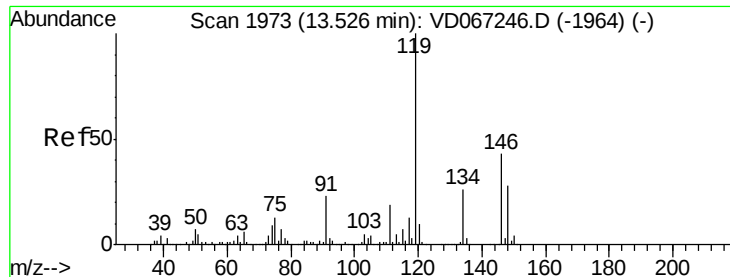


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

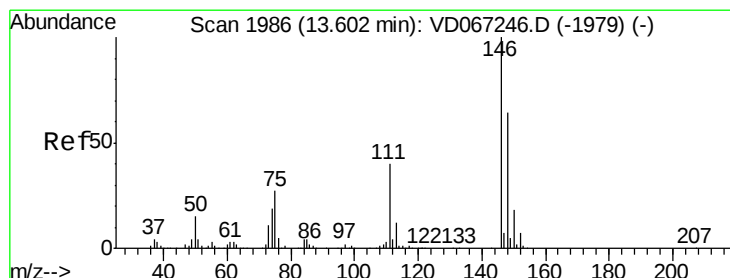
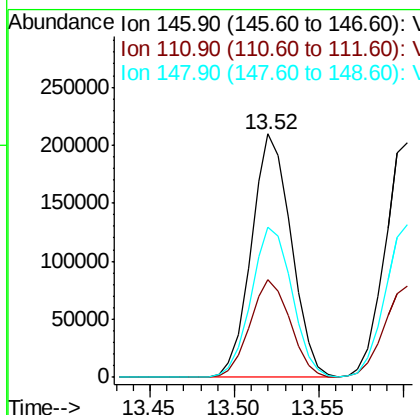
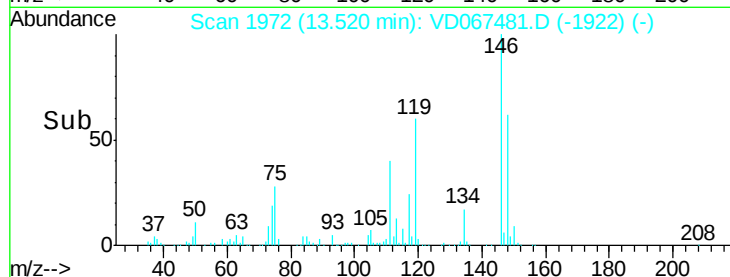
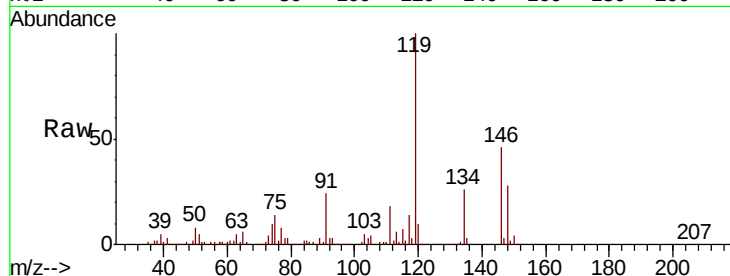




#87
 1,3-Dichlorobenzene
 Concen: 54.518 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

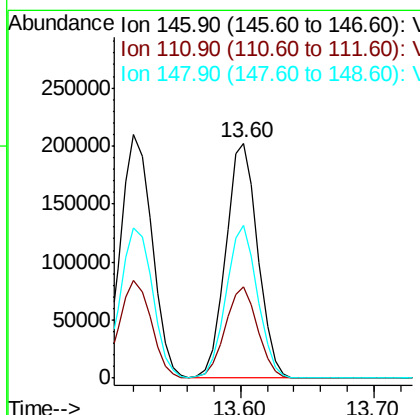
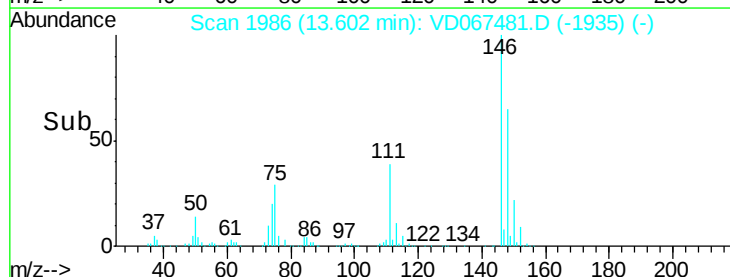
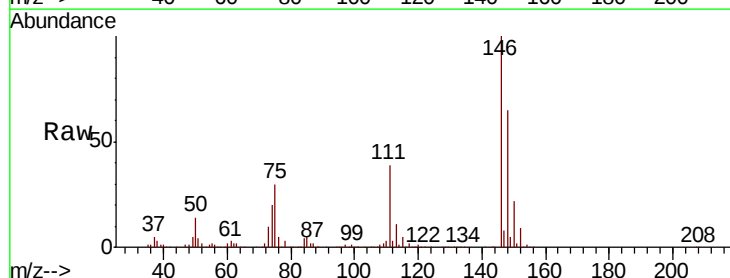
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

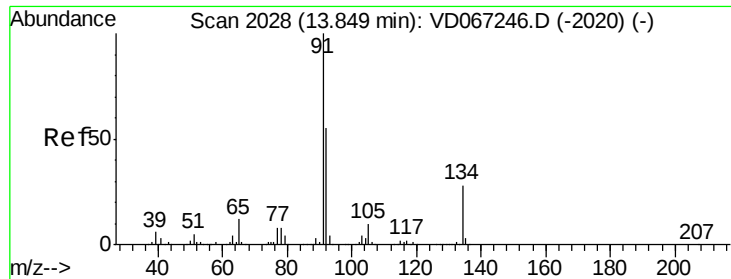
Tot Ion:146 Resp: 342291
 Ion Ratio Lower Upper
 146 100
 111 40.4 21.1 63.3
 148 63.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 54.332 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

Tgt Ion:146 Resp: 337969
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.7
 148 63.9 31.9 95.9

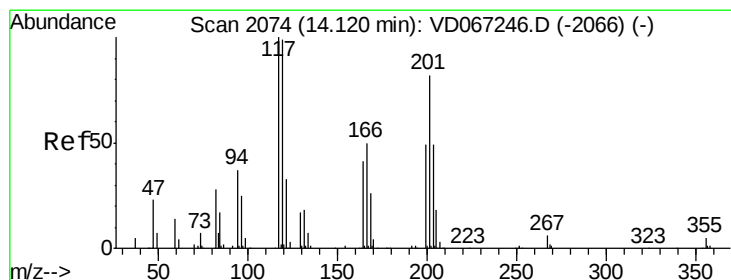
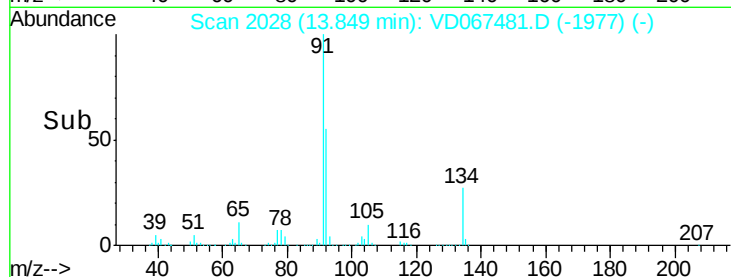
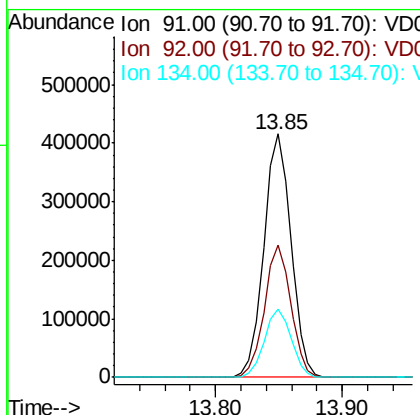
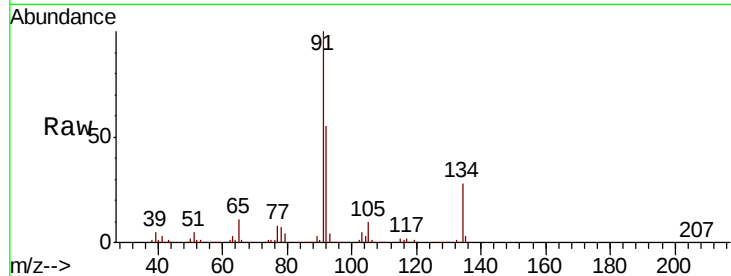




#89
n-Butylbenzene
Concen: 56.809 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

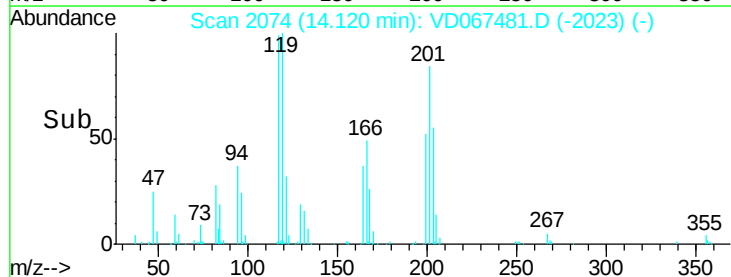
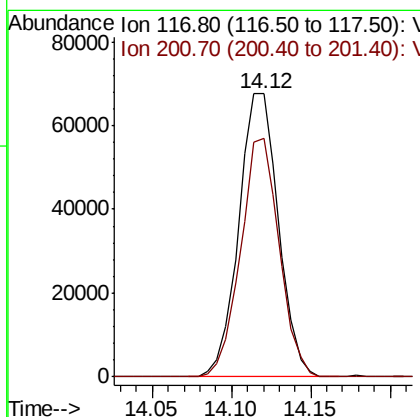
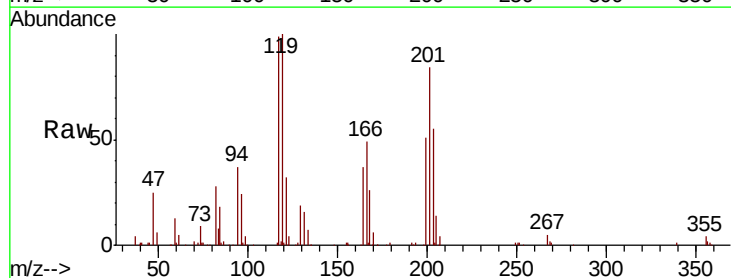
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

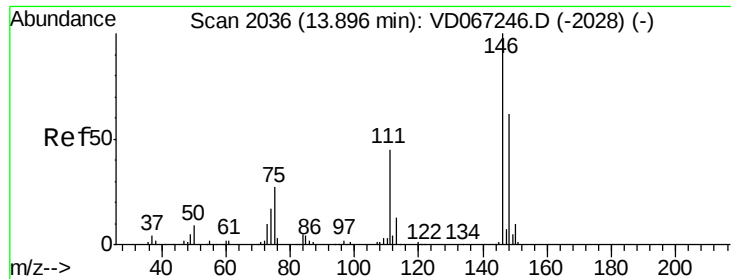
Tot Ion: 91 Resp: 621659
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.0
134 27.6 14.2 42.6



#90
Hexachloroethane
Concen: 54.141 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion: 117 Resp: 117520
Ion Ratio Lower Upper
117 100
201 82.1 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 54.874 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

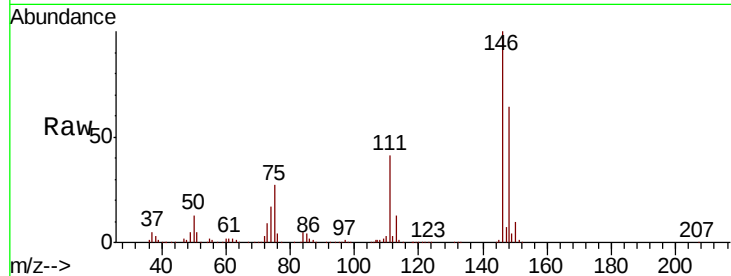
Tot Ion:146 Resp: 300979

Ion Ratio Lower Upper

146 100

111 41.2 22.0 66.0

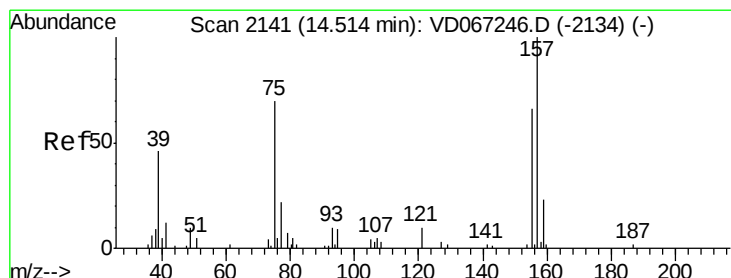
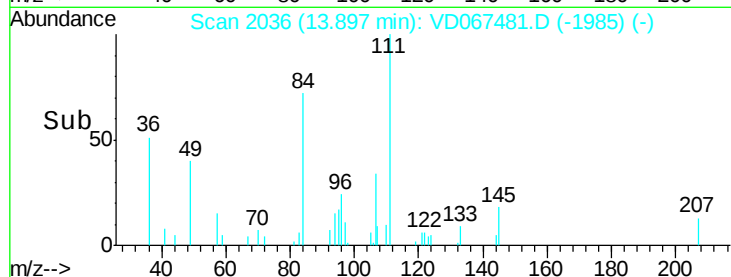
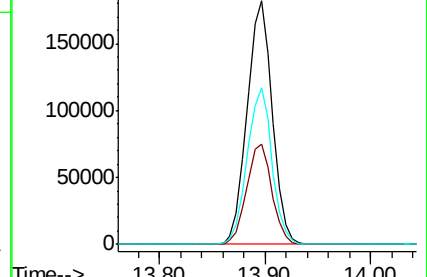
148 63.1 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.273 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067481.D

Acq: 30 Oct 2020 19:21

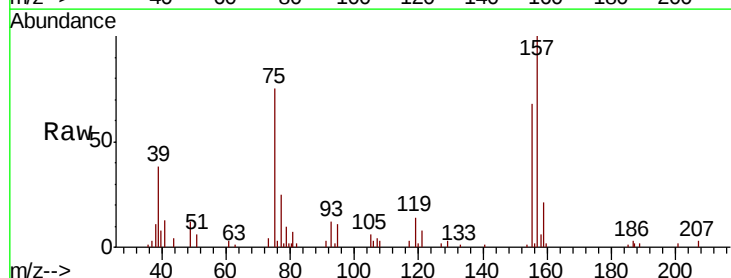
Tgt Ion: 75 Resp: 18674

Ion Ratio Lower Upper

75 100

155 89.2 44.8 134.4

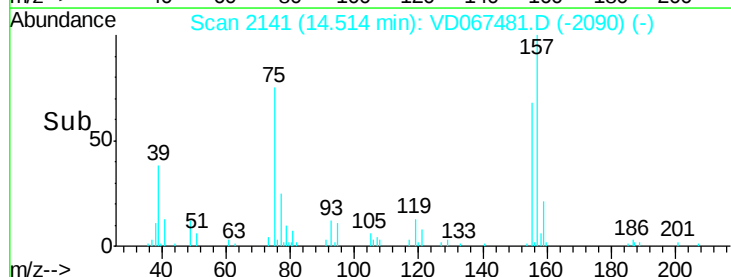
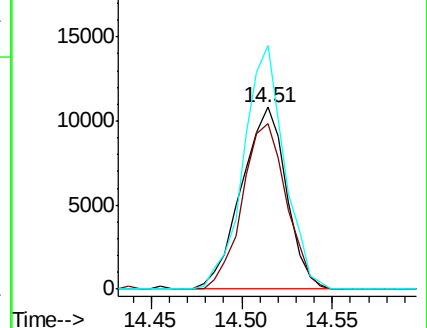
157 122.1 62.5 187.4

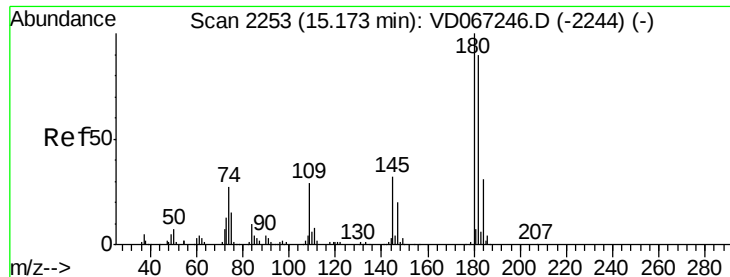


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

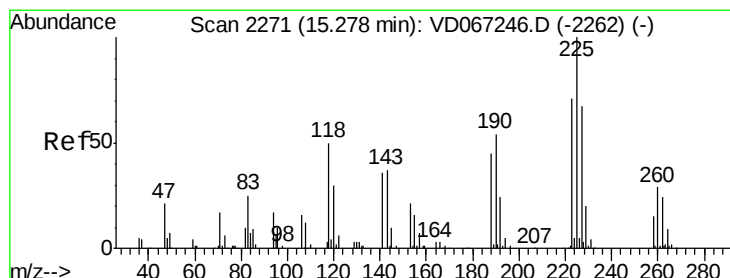
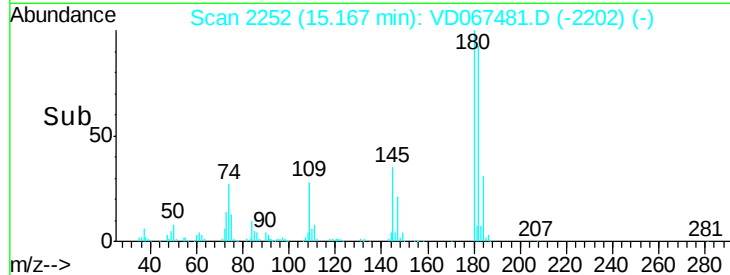
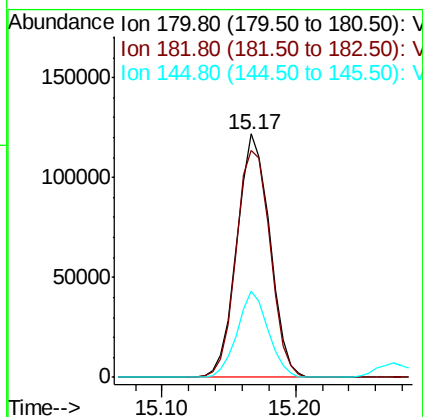
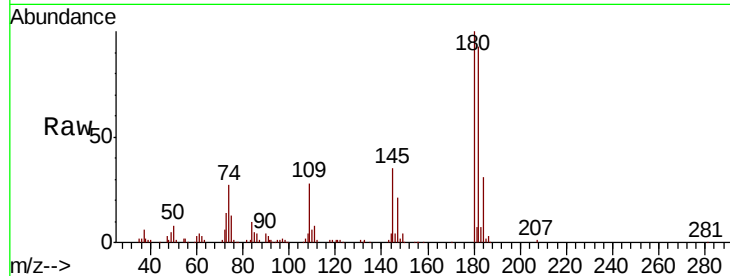




#93
 1,2,4-Trichlorobenzene
 Concen: 56.323 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

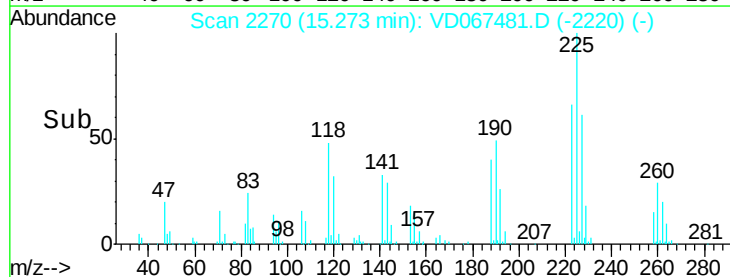
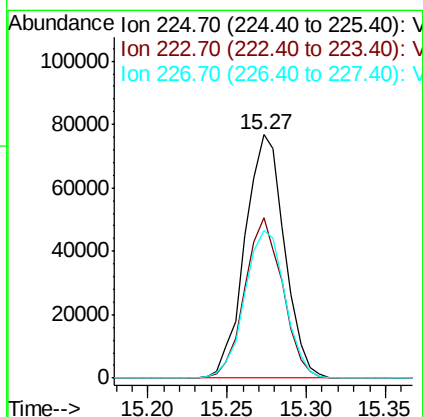
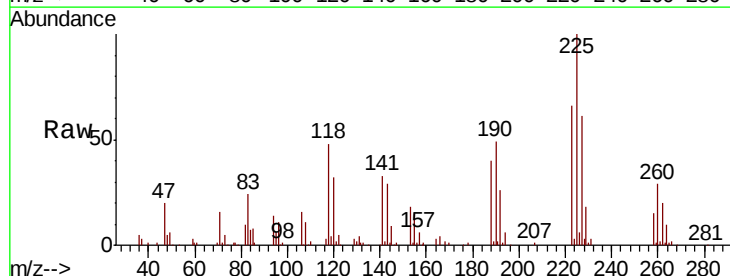
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

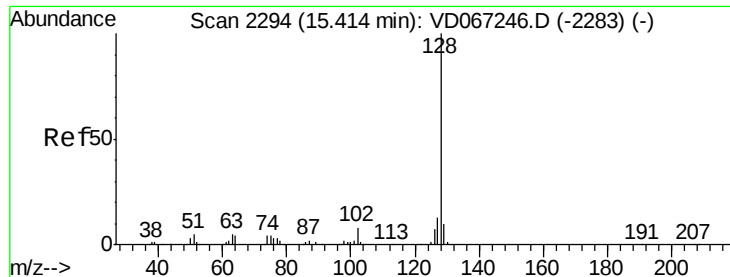
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	33.4	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 57.943 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067481.D
 Acq: 30 Oct 2020 19:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	62.0	31.2	93.6

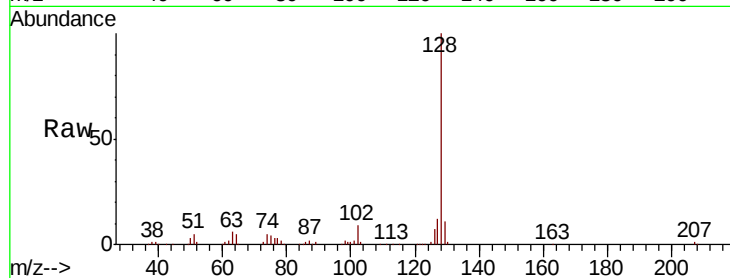




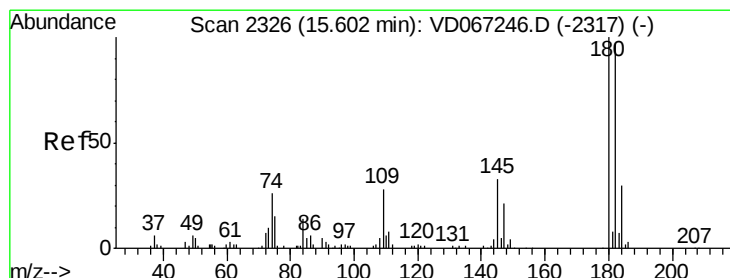
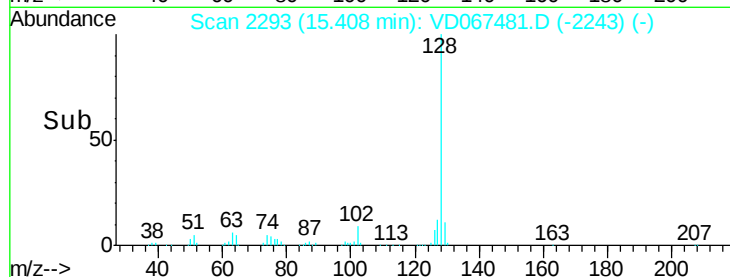
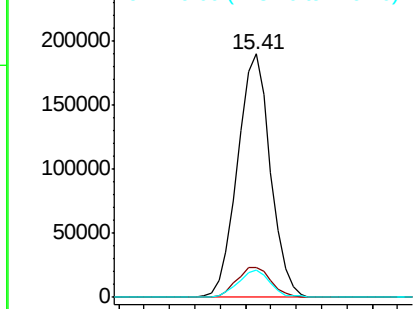
#95
Naphthalene
Concen: 56.194 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 341187
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 12.8

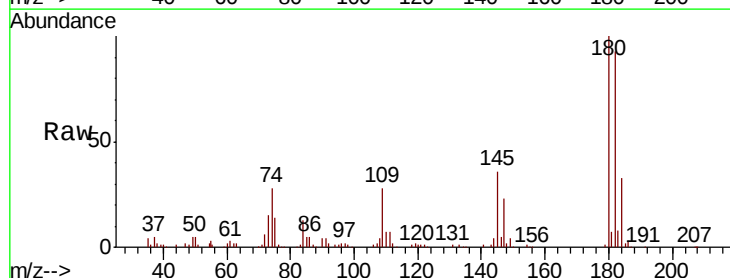


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 56.157 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067481.D
Acq: 30 Oct 2020 19:21

Tgt Ion:180 Resp: 179409
Ion Ratio Lower Upper
180 100
182 95.2 48.1 144.3
145 33.9 17.3 51.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

