

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067743.D
 Acq On : 23 Nov 2020 14:05
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Nov 24 00:54:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	407633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	373120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	184819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	139704	51.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.86%
35) Dibromofluoromethane	7.92	113	132476	51.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.14%
50) Toluene-d8	10.34	98	483935	51.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.04%
62) 4-Bromofluorobenzene	12.64	95	167318	51.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.22%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	122635	50.446	ug/l	95
3) Chloromethane	2.20	50	72504	53.572	ug/l	96
4) Vinyl Chloride	2.35	62	87574	51.639	ug/l	100
5) Bromomethane	2.77	94	72700	50.315	ug/l	96
6) Chloroethane	2.92	64	55690	49.271	ug/l	100
7) Trichlorofluoromethane	3.27	101	249825	48.274	ug/l	98
8) Diethyl Ether	3.71	74	51332	49.129	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	122050	49.251	ug/l	99
10) Methyl Iodide	4.30	142	125153	49.340	ug/l	99
11) Tert butyl alcohol	5.22	59	34849	242.979	ug/l #	84
12) 1,1-Dichloroethene	4.07	96	112156	48.911	ug/l	98
13) Acrolein	3.91	56	26896	238.899	ug/l	98
14) Allyl chloride	4.71	41	116356	52.493	ug/l	100
15) Acrylonitrile	5.42	53	93835	257.850	ug/l	99
16) Acetone	4.16	43	87243	248.631	ug/l	91
17) Carbon Disulfide	4.41	76	332596	50.148	ug/l	100
18) Methyl Acetate	4.71	43	34655	49.090	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	253961	51.821	ug/l	97
20) Methylene Chloride	4.96	84	128910	48.294	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	129389	49.631	ug/l	96
22) Diisopropyl ether	6.36	45	229458	52.441	ug/l	96
23) Vinyl Acetate	6.30	43	670043	271.474	ug/l	97
24) 1,1-Dichloroethane	6.27	63	189126	50.982	ug/l	98
25) 2-Butanone	7.21	43	97292	247.088	ug/l	93
26) 2,2-Dichloropropane	7.21	77	212752	48.614	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	139609	50.241	ug/l	99
28) Bromochloromethane	7.55	49	61535	51.785	ug/l	93
29) Tetrahydrofuran	7.56	42	59734	266.820	ug/l	99
30) Chloroform	7.71	83	236021	48.654	ug/l	99
31) Cyclohexane	7.98	56	154117	46.894	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	248954	48.458	ug/l	99
36) 1,1-Dichloropropene	8.11	75	172526	49.322	ug/l	100
37) Ethyl Acetate	7.30	43	45548	48.426	ug/l	96
38) Carbon Tetrachloride	8.10	117	241998	47.727	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	205635	49.675	ug/l	98
40) Benzene	8.35	78	467788	48.693	ug/l	98
41) Methacrylonitrile	7.52	41	26537	55.252	ug/l	94
42) 1,2-Dichloroethane	8.43	62	155886	47.822	ug/l	99
43) Isopropyl Acetate	8.46	43	92733	49.370	ug/l	100
44) Trichloroethene	9.11	130	149645	46.999	ug/l	97
45) 1,2-Dichloropropane	9.39	63	97359	49.389	ug/l	91
46) Dibromomethane	9.48	93	66208	49.333	ug/l	99
47) Bromodichloromethane	9.67	83	182364	48.797	ug/l	92
48) Methyl methacrylate	9.46	41	44249	47.120	ug/l	98
49) 1,4-Dioxane	9.46	88	14554	1000.675	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	221691	250.821	ug/l	99
52) Toluene	10.41	92	325881	50.003	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	157196	48.145	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	179259	48.513	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	87171	48.409	ug/l	97
56) Ethyl methacrylate	10.67	69	94130	50.490	ug/l	99
57) 1,3-Dichloropropane	10.95	76	140400	49.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	245635	281.983	ug/l	100
59) 2-Hexanone	10.98	43	154288	247.243	ug/l	99
60) Dibromochloromethane	11.14	129	132256	48.198	ug/l	99
61) 1,2-Dibromoethane	11.25	107	85494	48.185	ug/l	96
64) Tetrachloroethene	10.88	164	137176	47.369	ug/l #	83
65) Chlorobenzene	11.67	112	359404	49.009	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	144402	48.679	ug/l	99
67) Ethyl Benzene	11.75	91	621320	49.077	ug/l	99
68) m/p-Xylenes	11.86	106	487438	98.939	ug/l	99
69) o-Xylene	12.18	106	223018	49.718	ug/l	98
70) Styrene	12.20	104	382631	50.079	ug/l	99
71) Bromoform	12.36	173	75735	47.030	ug/l #	98
73) Isopropylbenzene	12.48	105	629495	51.766	ug/l	99
74) N-amyl acetate	12.29	43	79819	49.774	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	79289	48.584	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	121482	94.311	ug/l #	100
77) Bromobenzene	12.76	156	154307	50.692	ug/l	100
78) n-propylbenzene	12.83	91	707002	52.258	ug/l	100
79) 2-Chlorotoluene	12.91	91	408916	51.051	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	552552	52.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	27418	49.785	ug/l	98
82) 4-Chlorotoluene	13.01	91	435571	51.034	ug/l	100
83) tert-Butylbenzene	13.23	119	455401	50.107	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	541381	51.240	ug/l	99
85) sec-Butylbenzene	13.40	105	613464	51.379	ug/l	100
86) p-Isopropyltoluene	13.52	119	588498	50.888	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	287790	48.850	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	287119	49.199	ug/l	98
89) n-Butylbenzene	13.84	91	513911	51.856	ug/l	99
90) Hexachloroethane	14.11	117	111293	50.553	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	250978	49.454	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17595	50.008	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

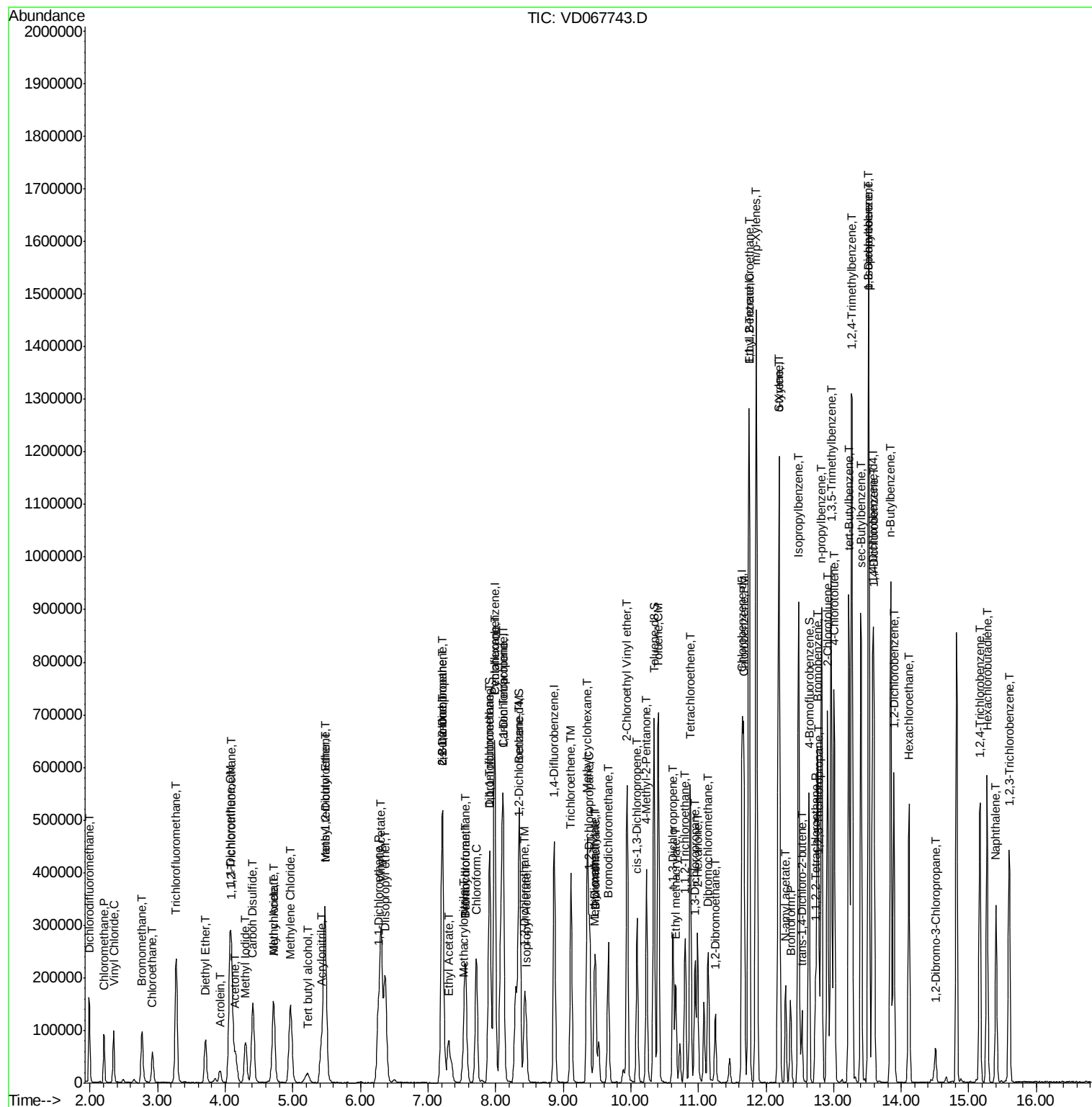
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	183135	50.965	ug/l	100
94) Hexachlorobutadiene	15.27	225	113393	49.389	ug/l	99
95) Naphthalene	15.40	128	298500	51.328	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	156724	51.203	ug/l	99

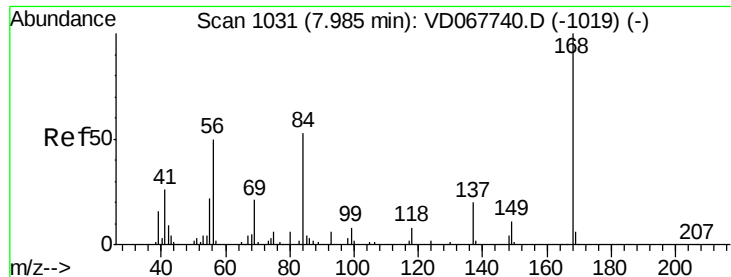
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

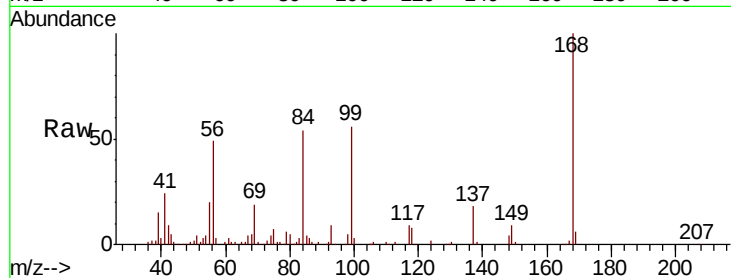
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Tot Ion:168 Resp: 279351

Ion Ratio Lower Upper

168 100

99 56.1 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

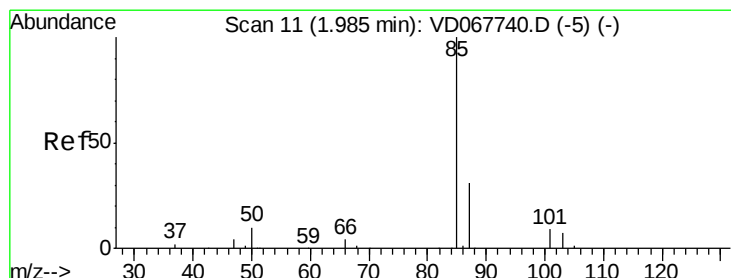
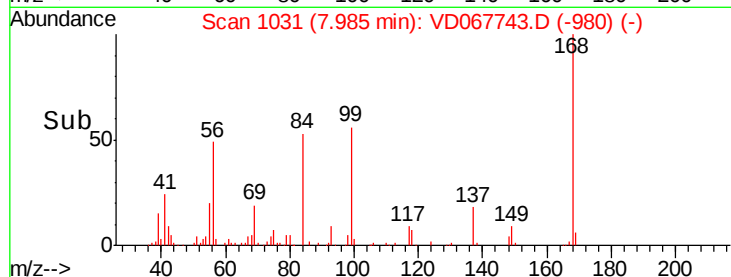
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.446 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067743.D

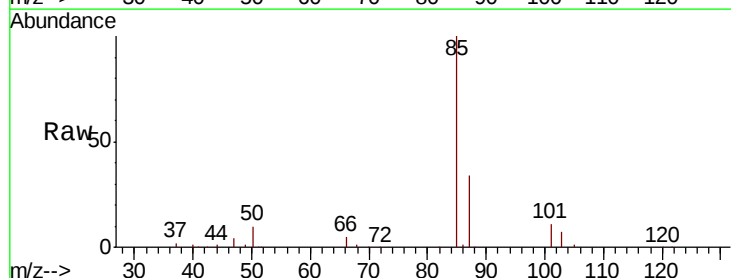
Acq: 23 Nov 2020 14:05

Tgt Ion: 85 Resp: 122635

Ion Ratio Lower Upper

85 100

87 34.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

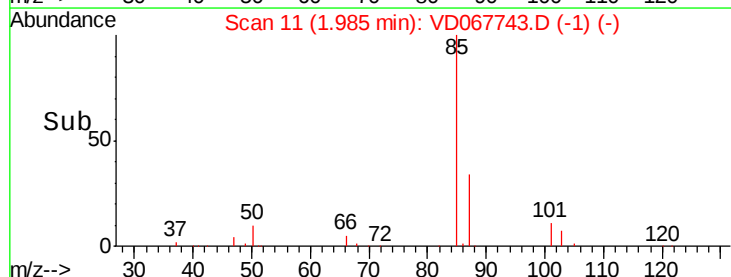
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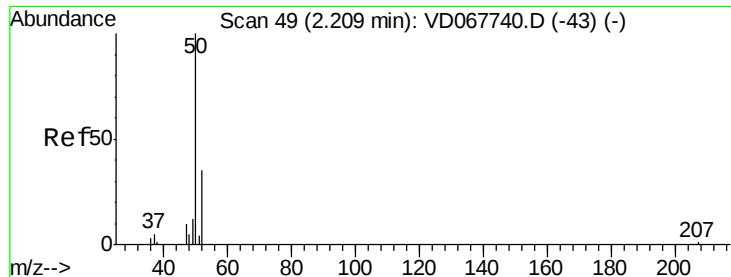
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 53.572 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

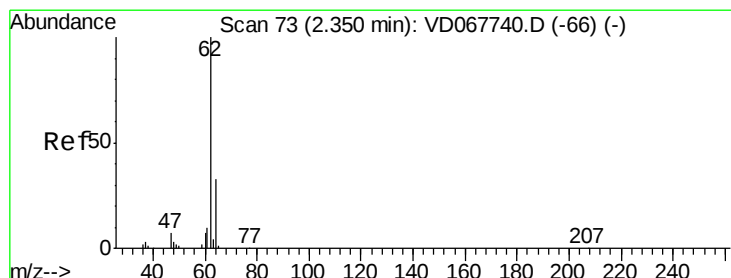
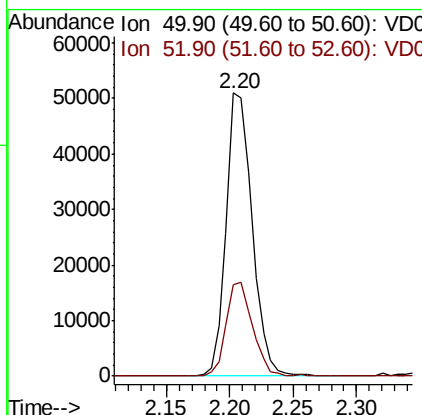
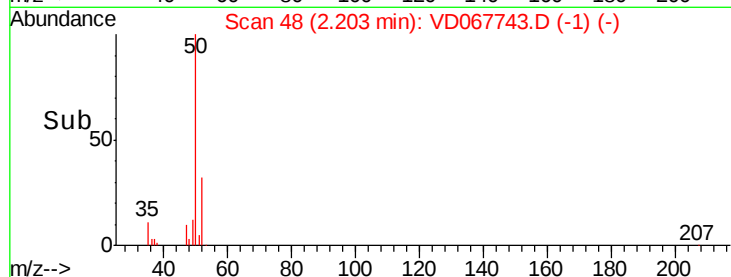
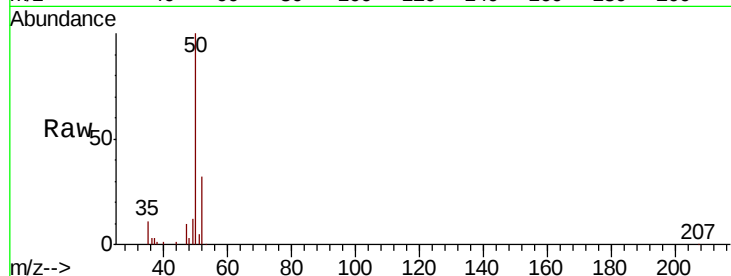
BFB

Tot Ion: 50 Resp: 72504

Ion Ratio Lower Upper

50 100

52 32.3 27.8 41.8



#4

Vinyl Chloride

Concen: 51.639 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067743.D

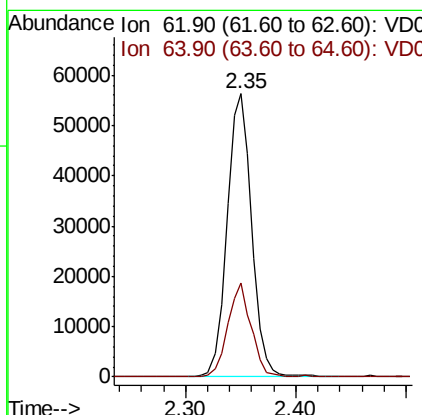
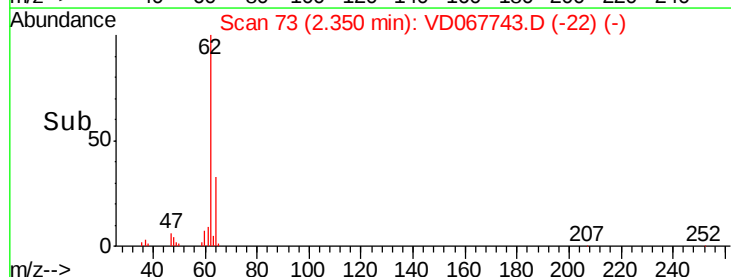
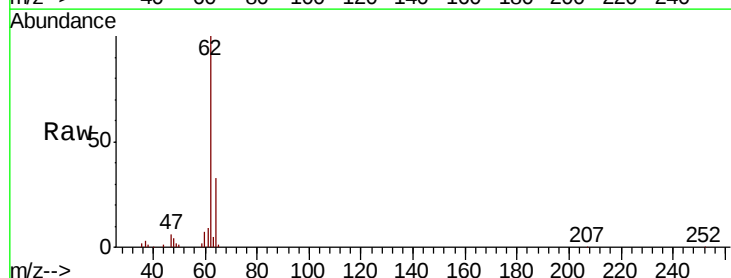
Acq: 23 Nov 2020 14:05

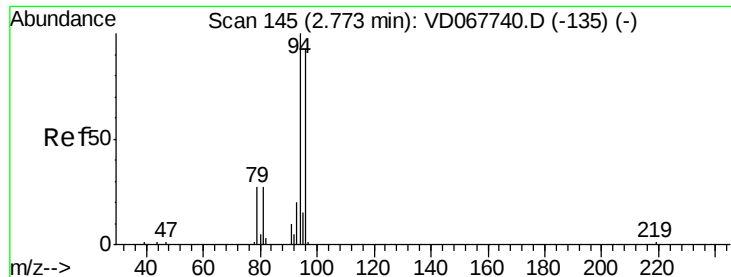
Tgt Ion: 62 Resp: 87574

Ion Ratio Lower Upper

62 100

64 33.1 26.6 40.0





#5

Bromomethane

Concen: 50.315 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

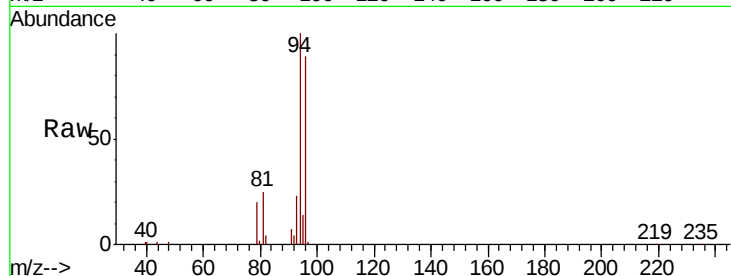
BFB

Tot Ion: 94 Resp: 72700

Ion Ratio Lower Upper

94 100

96 88.9 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

30000

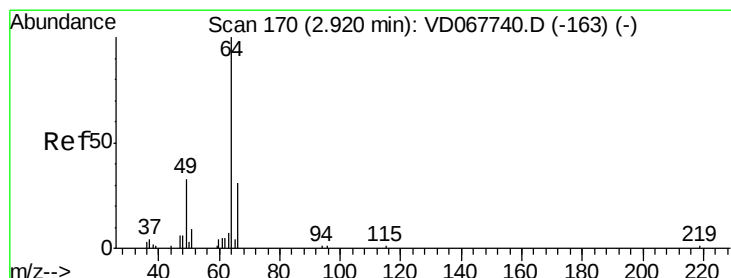
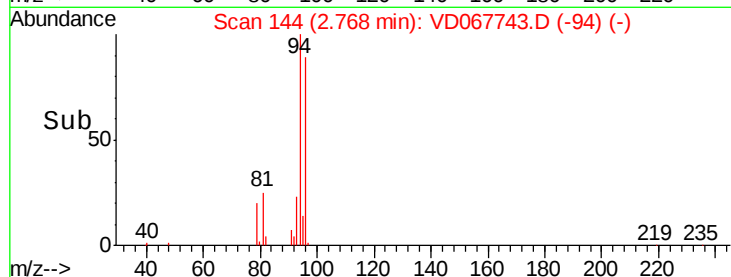
20000

10000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 49.271 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067743.D

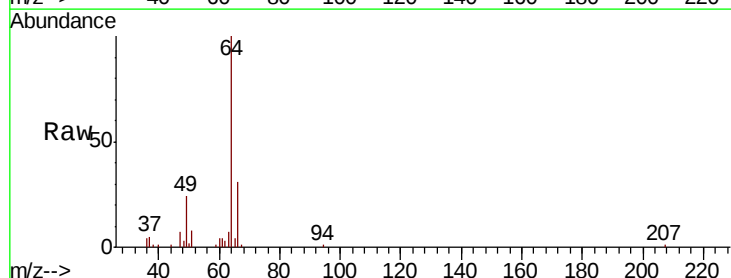
Acq: 23 Nov 2020 14:05

Tgt Ion: 64 Resp: 55690

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

25000

20000

15000

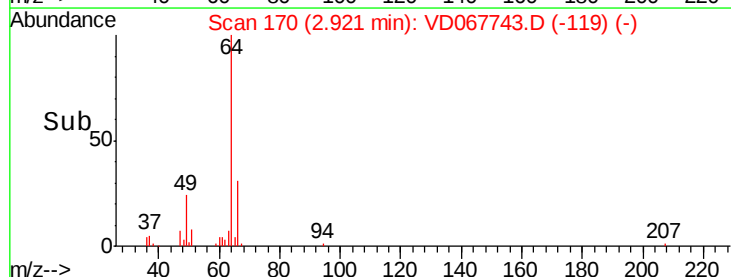
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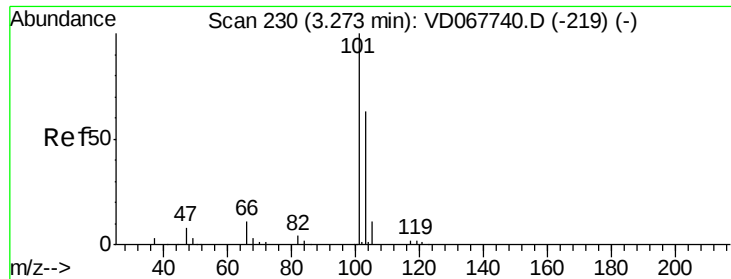
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0

Time-->

2.85 2.90 2.95 3.00



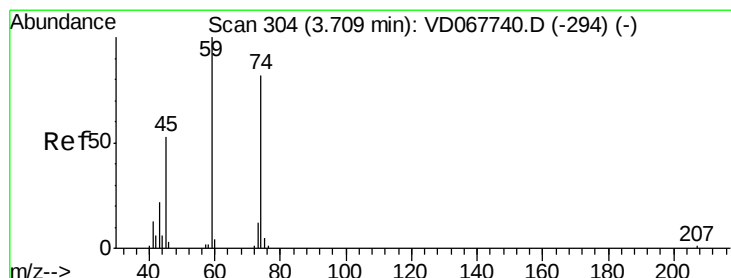
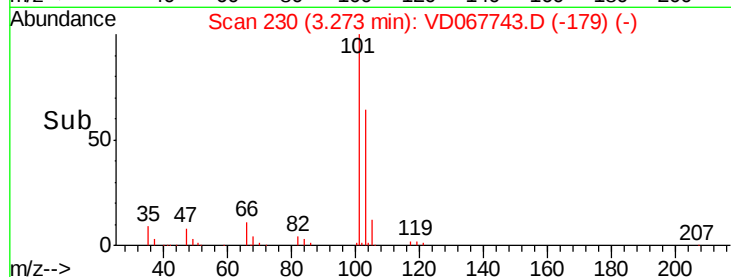
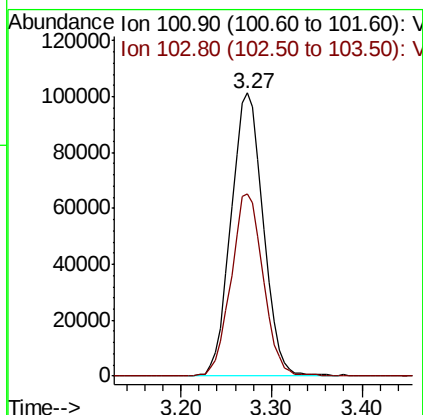
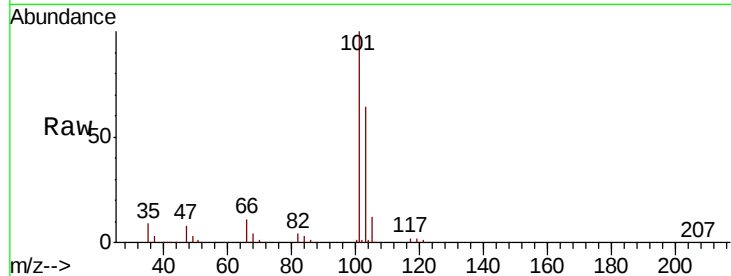


#7

Trichlorofluoromethane
 Concen: 48.274 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Instrument :
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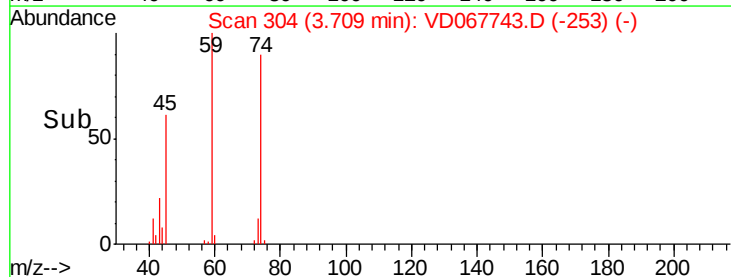
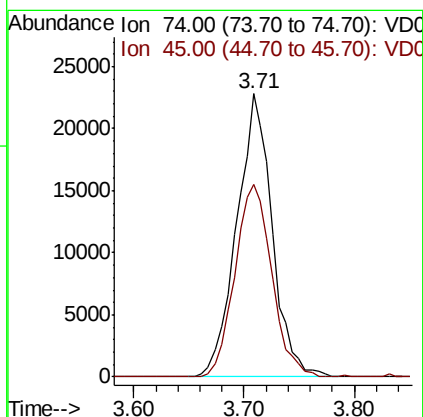
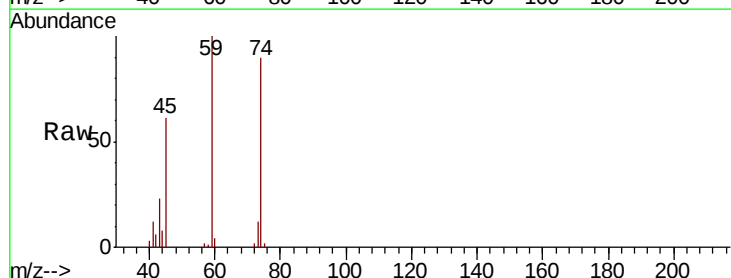
Tot Ion:101 Resp: 249825
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.3 75.5

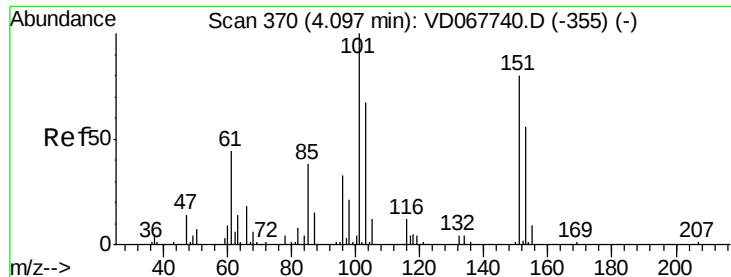


#8

Diethyl Ether
 Concen: 49.129 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion: 74 Resp: 51332
 Ion Ratio Lower Upper
 74 100
 45 70.7 35.9 107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.251 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

BFB

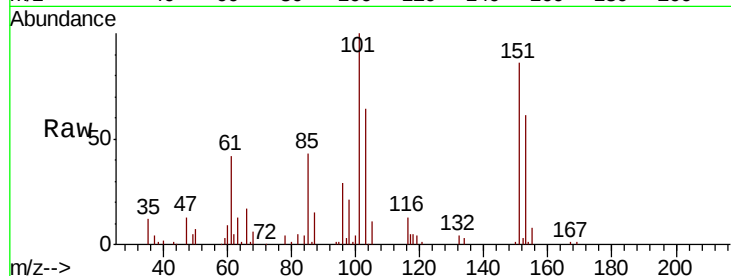
Tot Ion:101 Resp: 122050

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

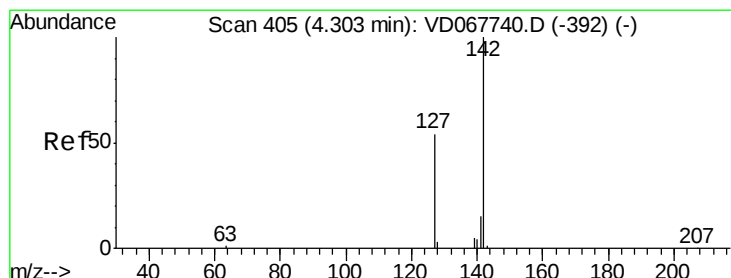
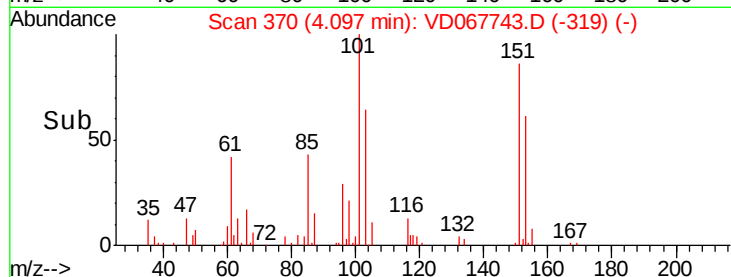
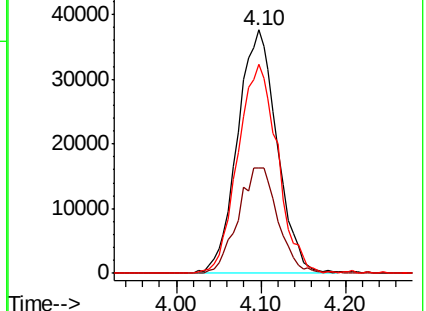
151 86.5 69.4 104.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.340 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

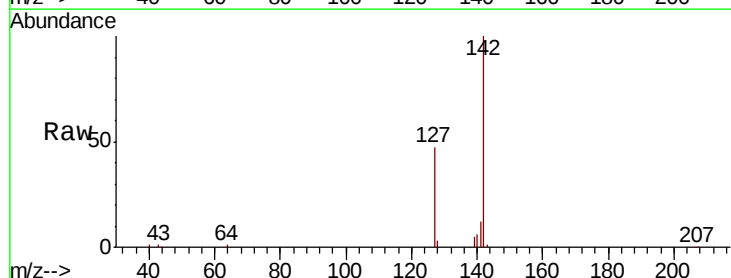
Tgt Ion:142 Resp: 125153

Ion Ratio Lower Upper

142 100

127 53.4 42.2 63.2

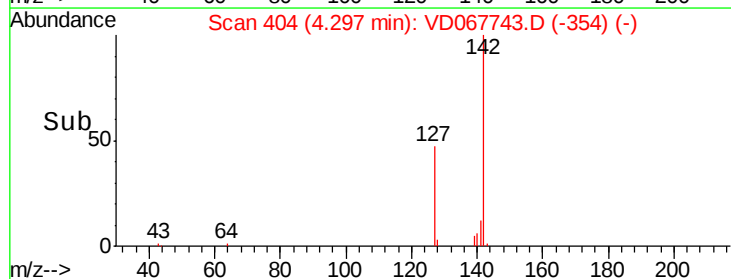
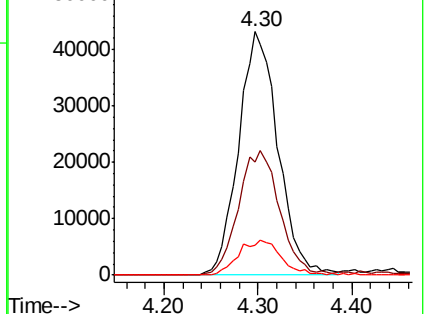
141 15.4 11.8 17.6

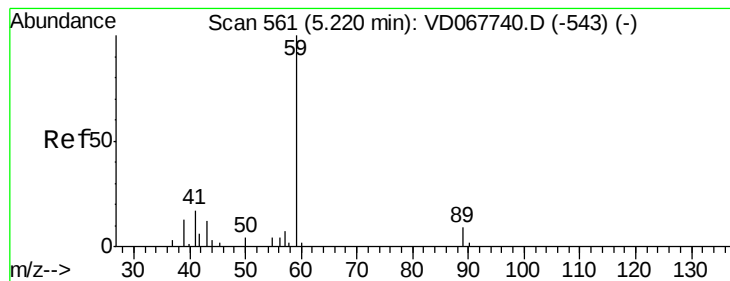


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



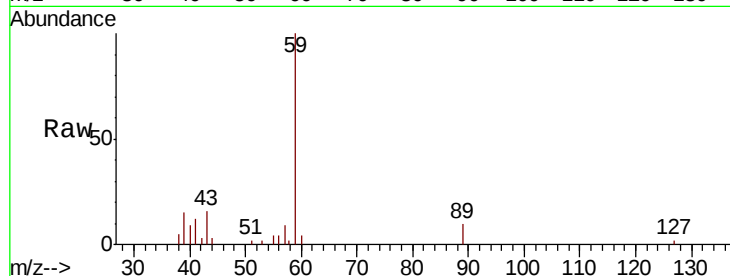


#11

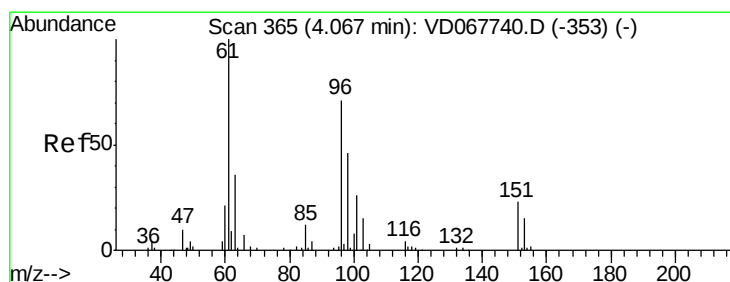
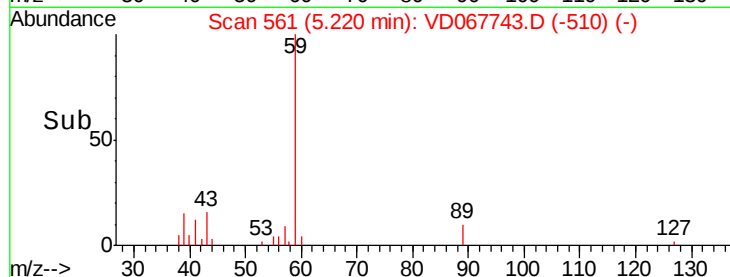
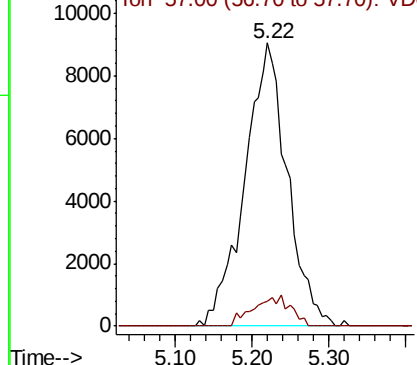
Tert butyl alcohol
 Concen: 242.979 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tot Ion: 59 Resp: 34849
 Ion Ratio Lower Upper
 59 100
 57 9.4 3.4 5.0#



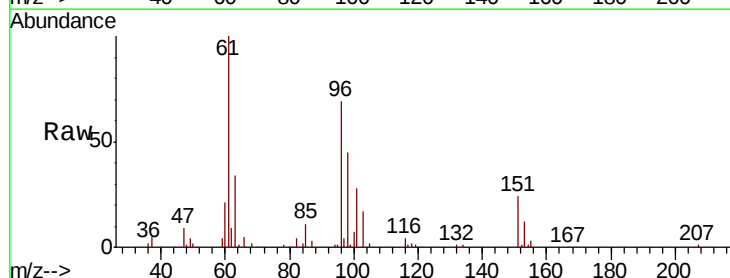
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



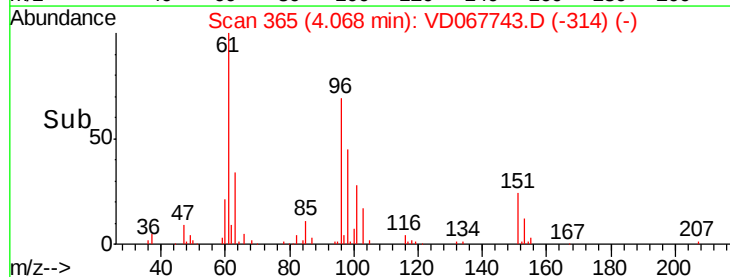
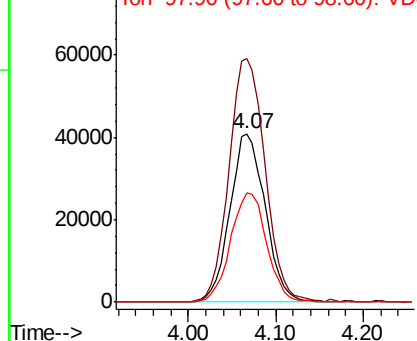
#12

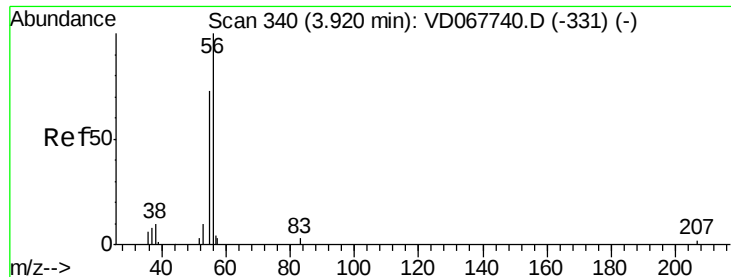
1,1-Dichloroethene
 Concen: 48.911 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion: 96 Resp: 112156
 Ion Ratio Lower Upper
 96 100
 61 144.6 112.9 169.3
 98 65.1 52.4 78.6



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





#13

Acrolein

Concen: 238.899 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampled :

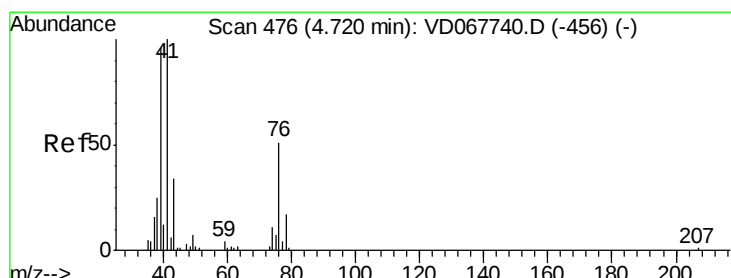
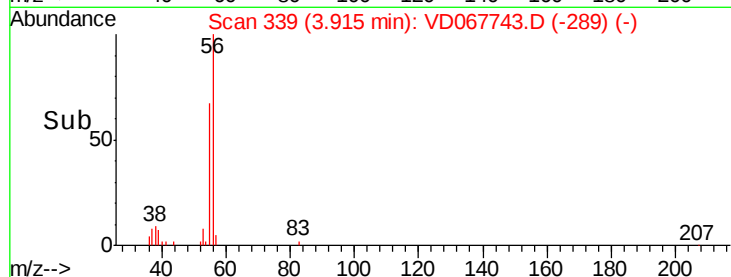
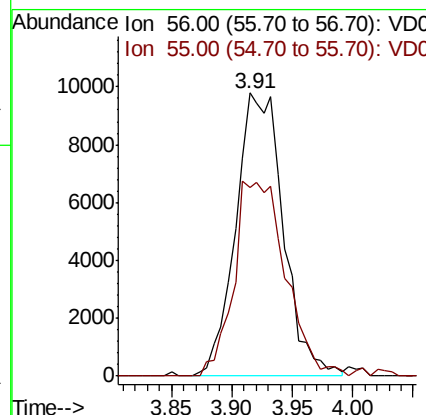
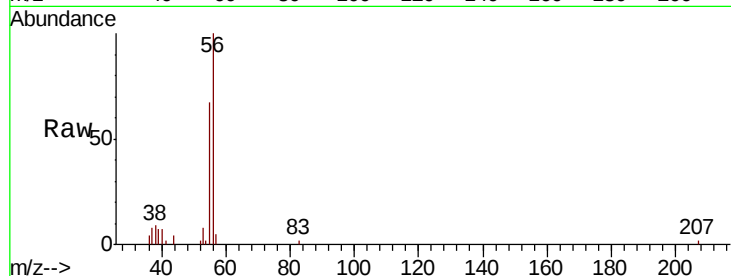
BFB

Tot Ion: 56 Resp: 26896

Ion Ratio Lower Upper

56 100

55 74.6 61.2 91.8



#14

Allyl chloride

Concen: 52.493 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

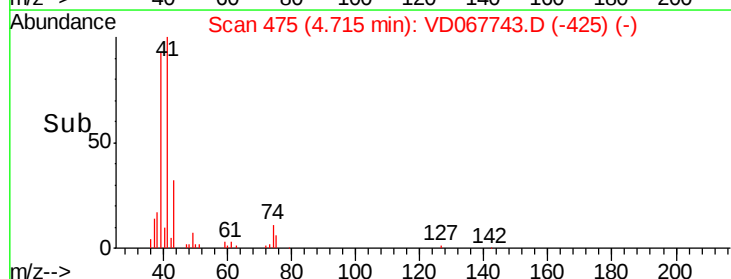
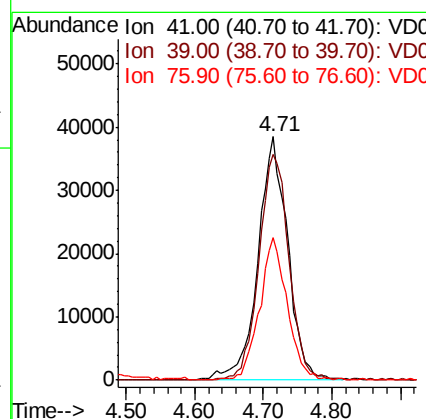
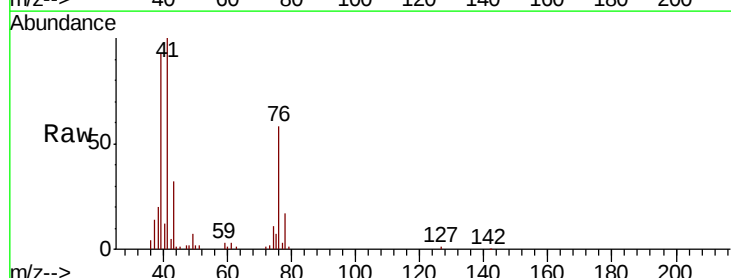
Tgt Ion: 41 Resp: 116356

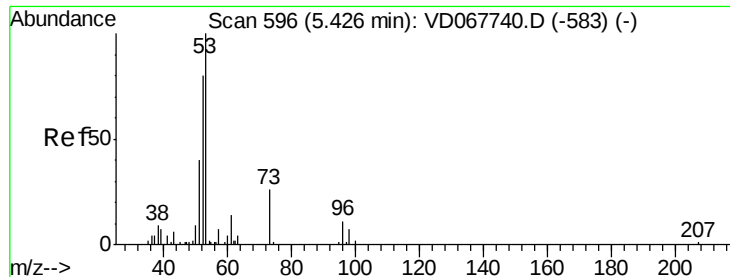
Ion Ratio Lower Upper

41 100

39 93.1 74.6 111.8

76 54.2 43.3 64.9





#15

Acrylonitrile

Concen: 257.850 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

BFB

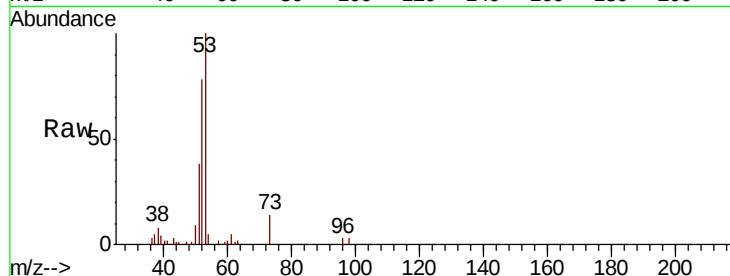
Tot Ion: 53 Resp: 93835

Ion Ratio Lower Upper

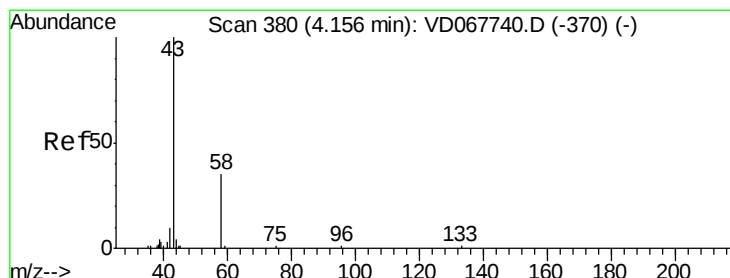
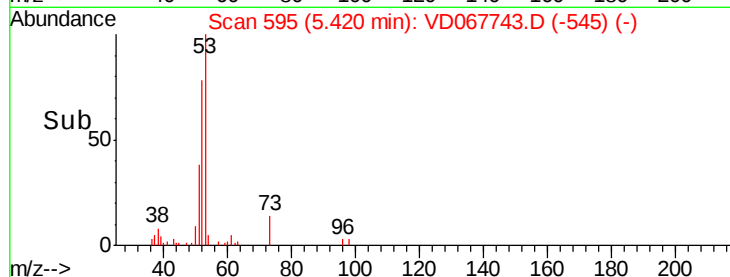
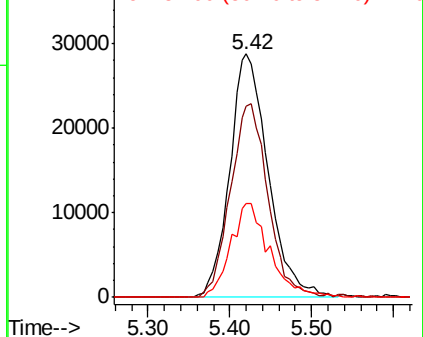
53 100

52 77.7 63.4 95.2

51 38.9 31.4 47.2



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



#16

Acetone

Concen: 248.631 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067743.D

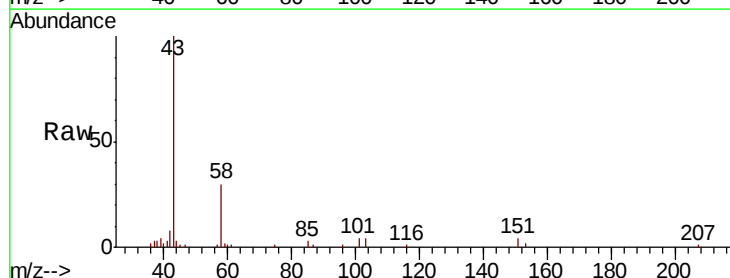
Acq: 23 Nov 2020 14:05

Tgt Ion: 43 Resp: 87243

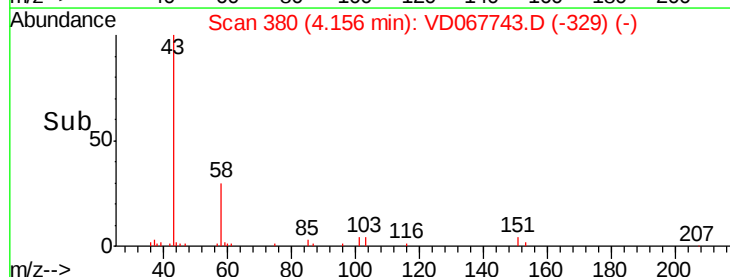
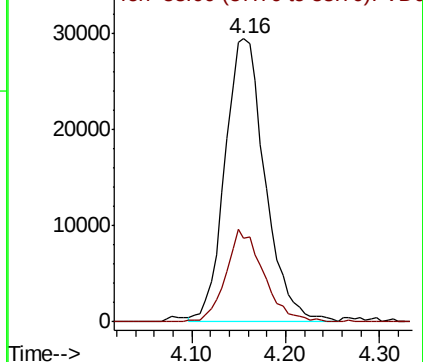
Ion Ratio Lower Upper

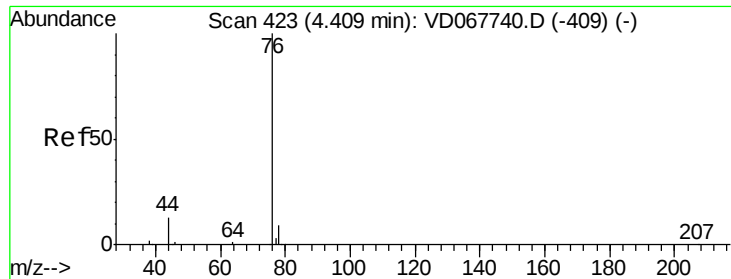
43 100

58 29.6 27.6 41.4



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

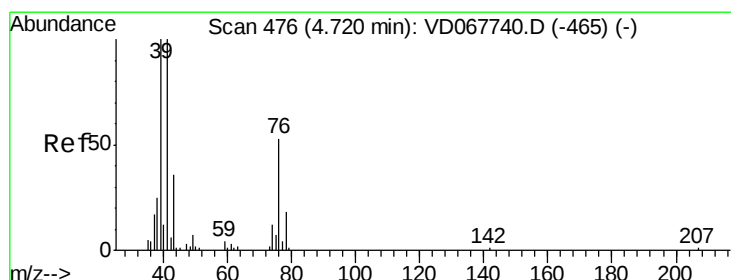
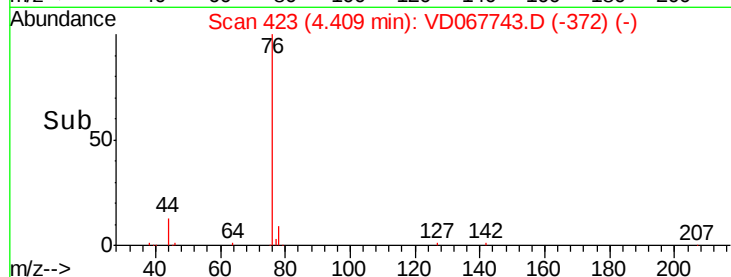
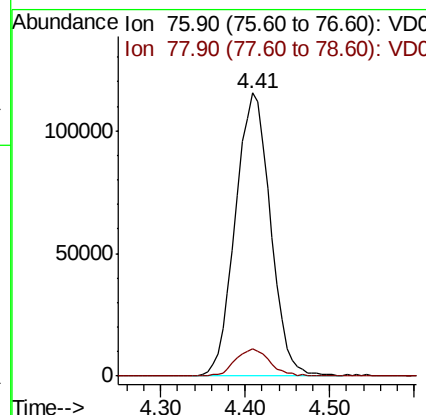
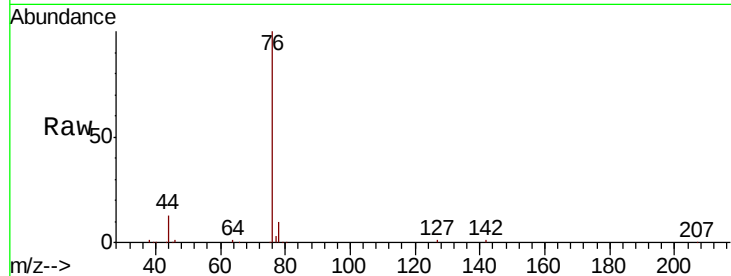




#17
Carbon Disulfide
Concen: 50.148 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

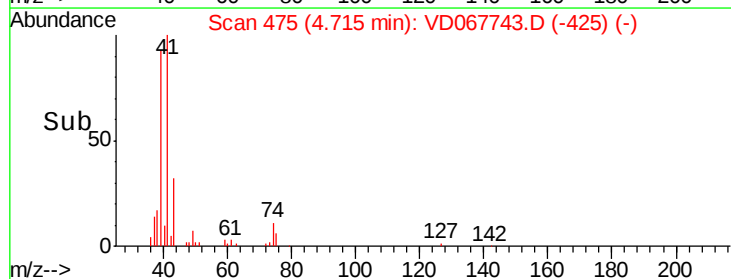
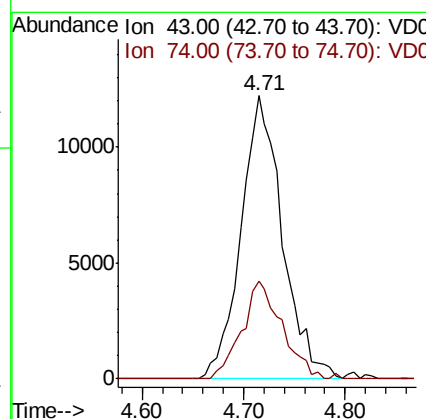
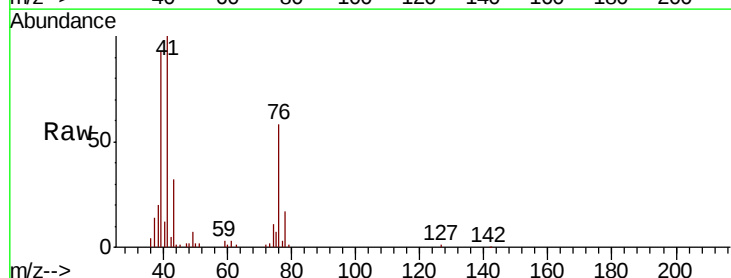
Instrument :
MSVOA_D
ClientSampleId :
BFB

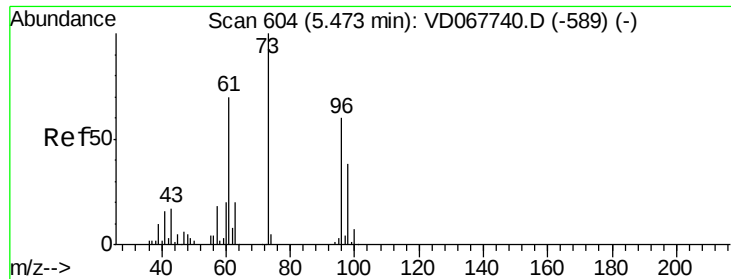
Tot Ion: 76 Resp: 332596
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 49.090 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion: 43 Resp: 34655
Ion Ratio Lower Upper
43 100
74 33.3 29.7 44.5

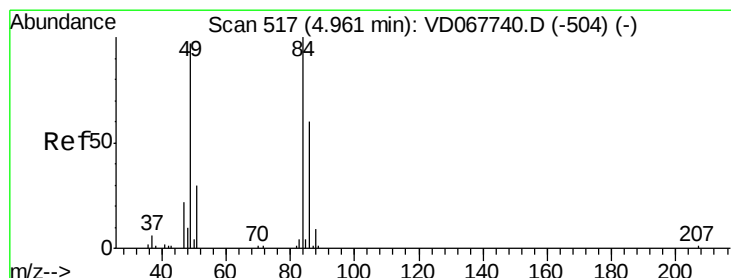
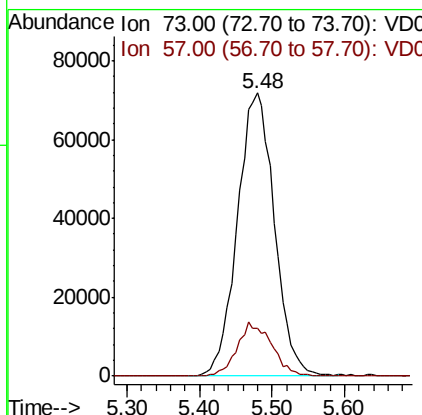
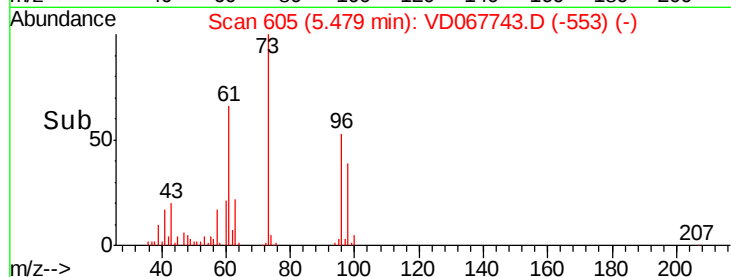
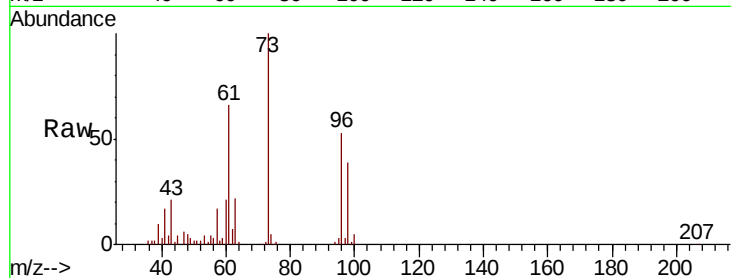




#19
Methvl tert-butvl Ether
Concen: 51.821 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

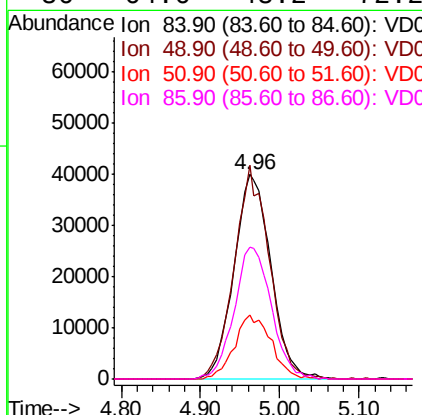
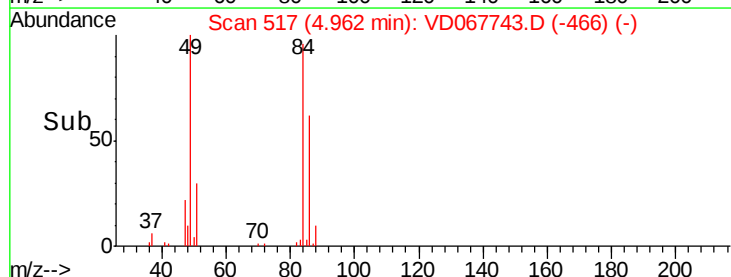
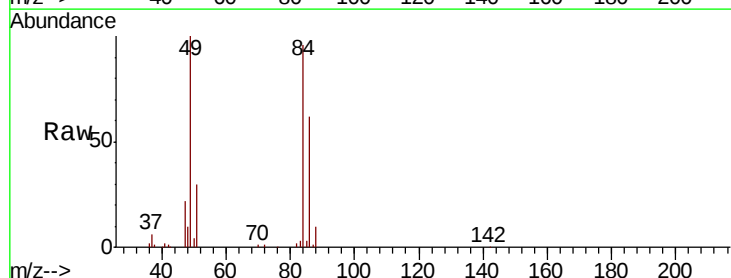
Instrument :
MSVOA_D
ClientSampleId :
BFB

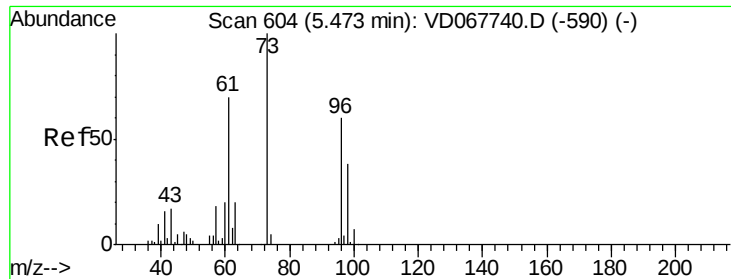
Tot Ion: 73 Resp: 253961
Ion Ratio Lower Upper
73 100
57 17.1 14.8 22.2



#20
Methylene Chloride
Concen: 48.294 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion: 84 Resp: 128910
Ion Ratio Lower Upper
84 100
49 104.5 77.4 116.2
51 31.6 24.1 36.1
86 64.6 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 49.631 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

BFB

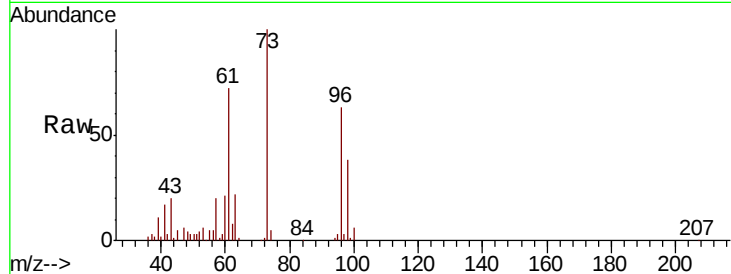
Tot Ion: 96 Resp: 129389

Ion Ratio Lower Upper

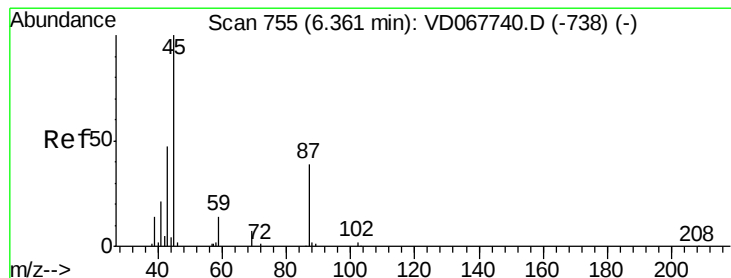
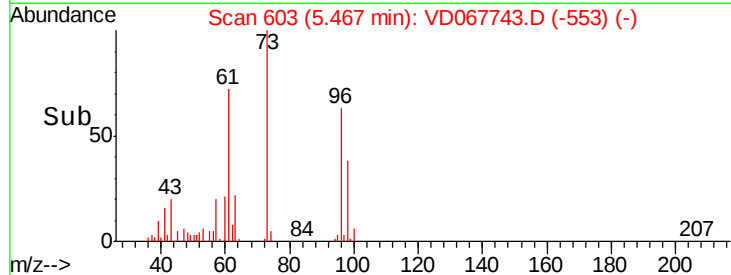
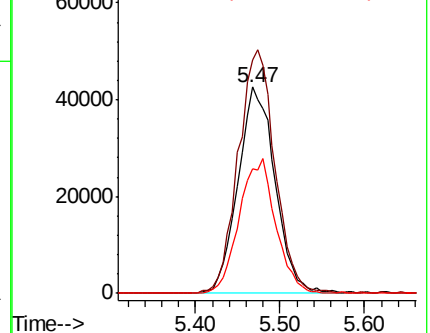
96 100

61 113.6 94.0 141.0

98 60.7 51.3 76.9



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: 52.441 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Tgt Ion: 45 Resp: 229458

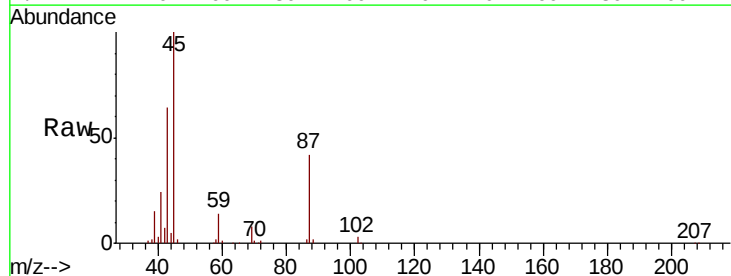
Ion Ratio Lower Upper

45 100

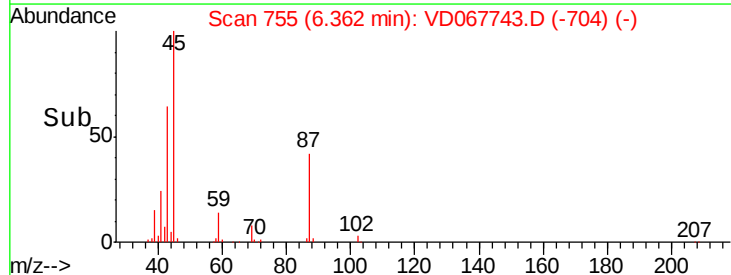
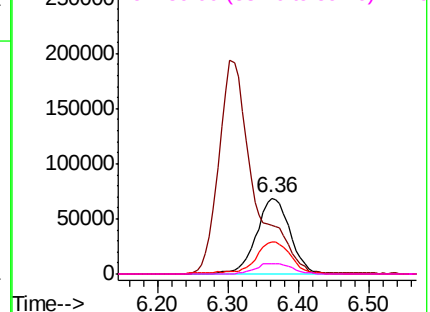
43 63.3 46.8 70.2

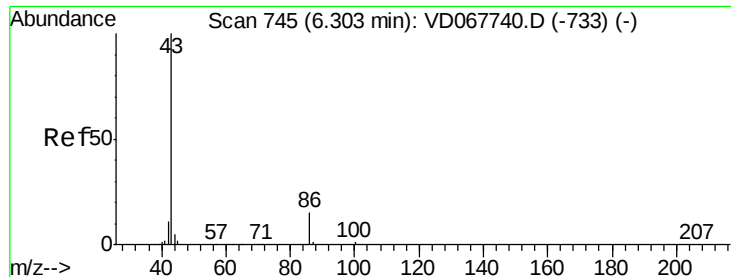
87 41.9 32.9 49.3

59 13.3 11.2 16.8



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: 271.474 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

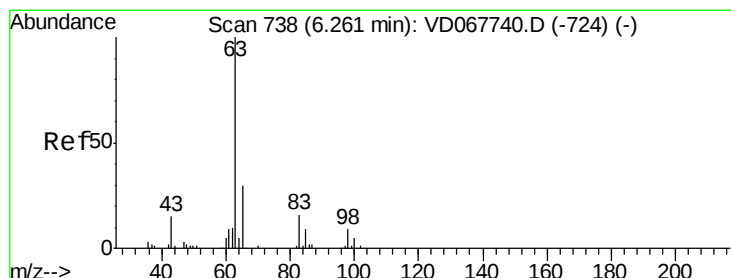
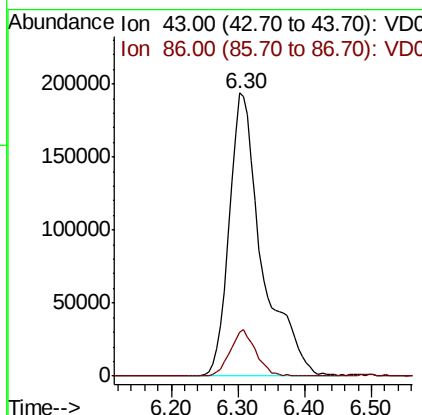
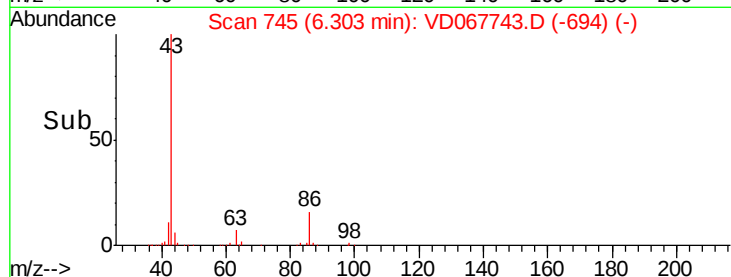
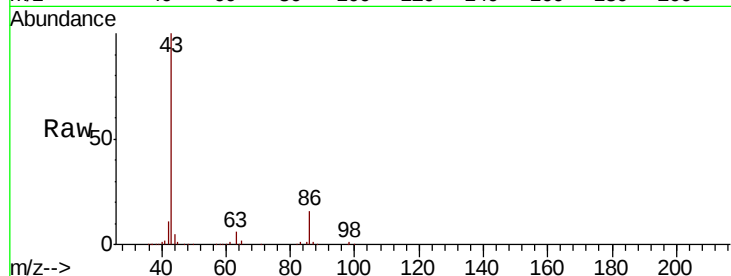
BFB

Tot Ion: 43 Resp: 670043

Ion Ratio Lower Upper

43 100

86 15.8 11.7 17.5



#24

1,1-Dichloroethane

Concen: 50.982 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

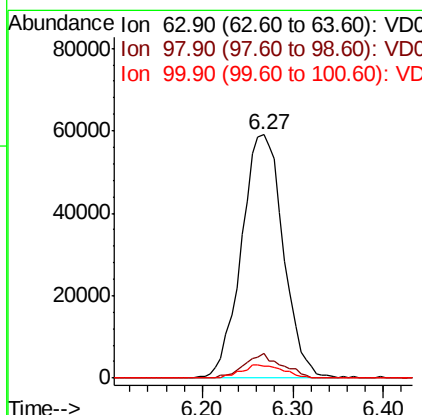
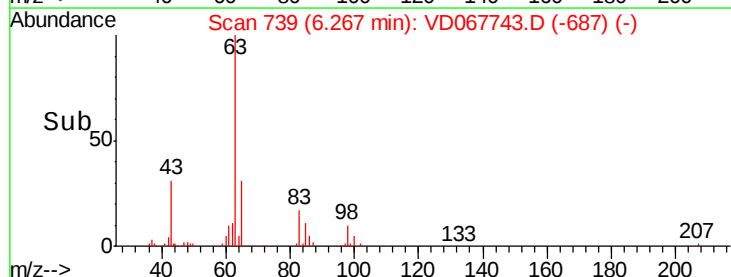
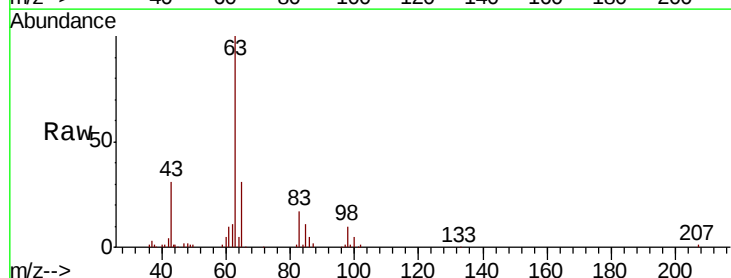
Tgt Ion: 63 Resp: 189126

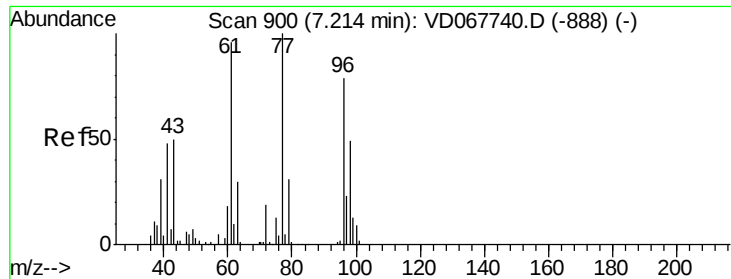
Ion Ratio Lower Upper

63 100

98 10.1 4.4 13.2

100 5.1 2.6 8.0





#25

2-Butanone

Concen: 247.088 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampled :

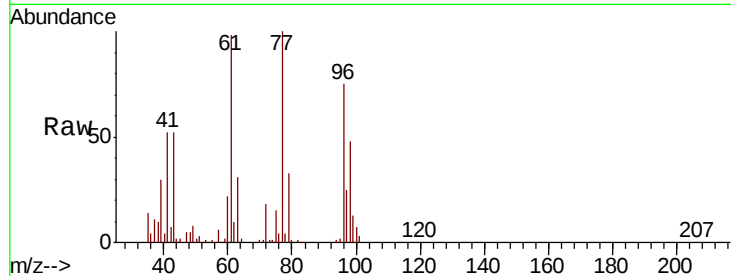
BFB

Tot Ion: 43 Resp: 97292

Ion Ratio Lower Upper

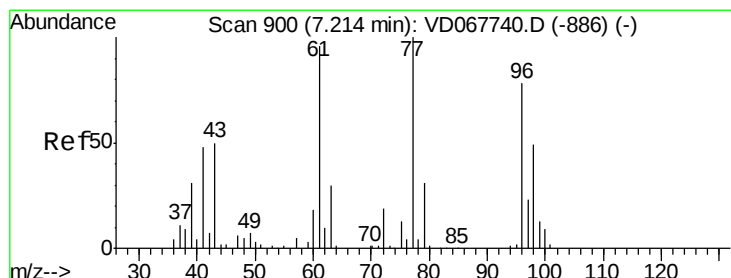
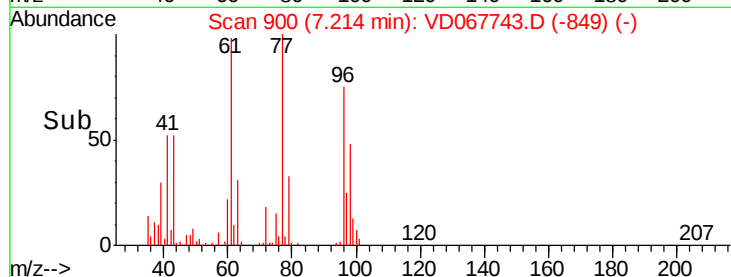
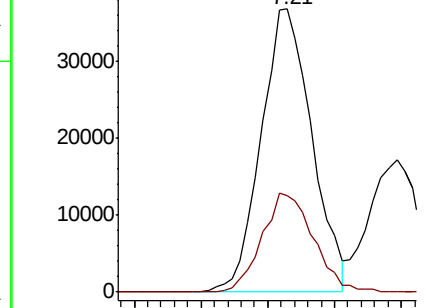
43 100

72 34.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.614 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067743.D

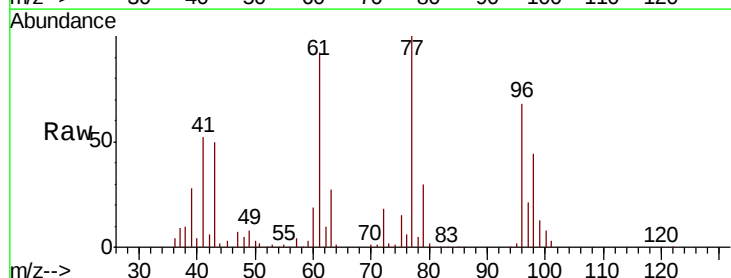
Acq: 23 Nov 2020 14:05

Tgt Ion: 77 Resp: 212752

Ion Ratio Lower Upper

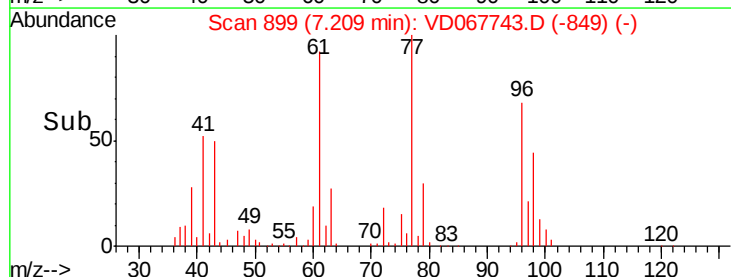
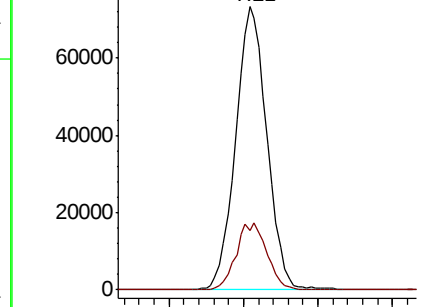
77 100

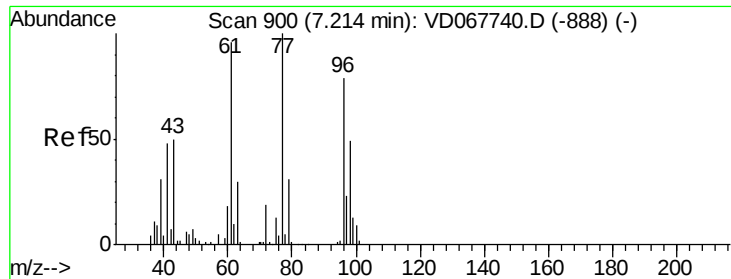
97 23.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



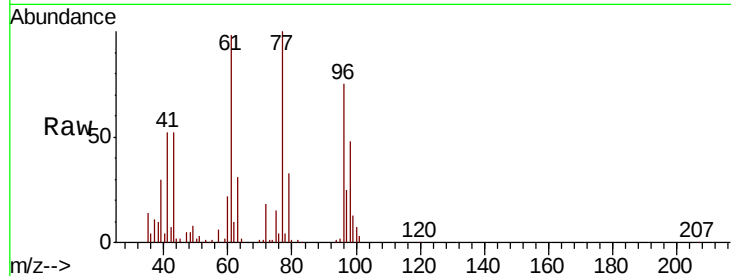


#27

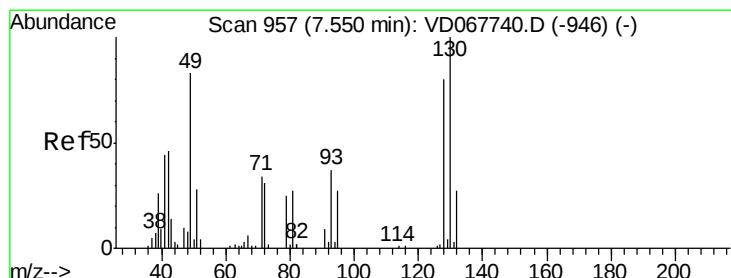
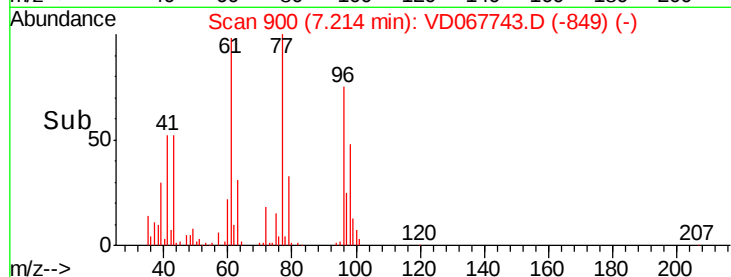
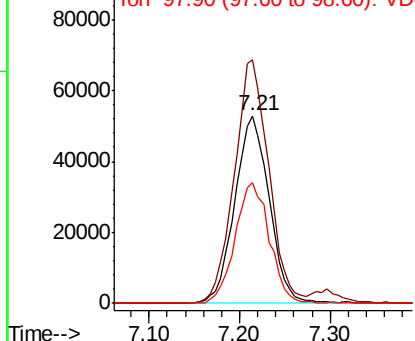
cis-1,2-Dichloroethene
 Concen: 50.241 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tot Ion: 96 Resp: 139609
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 258.0
 98 64.3 0.0 131.8



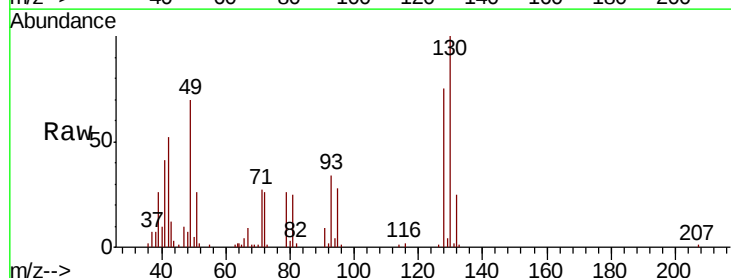
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



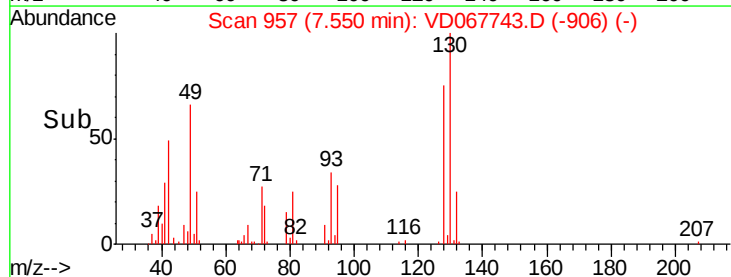
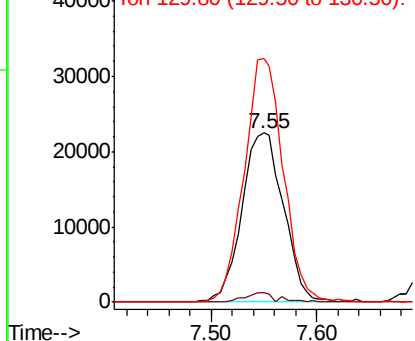
#28

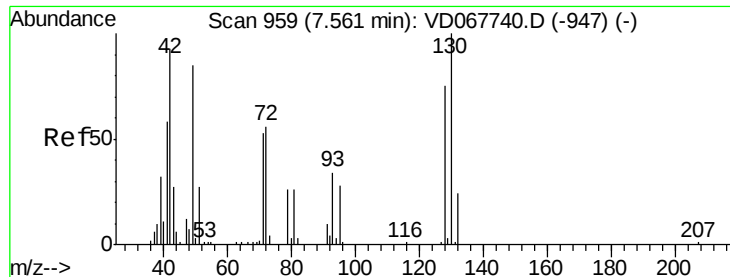
Bromochloromethane
 Concen: 51.785 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion: 49 Resp: 61535
 Ion Ratio Lower Upper
 49 100
 129 3.2 0.0 7.0
 130 135.6 102.2 153.4



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

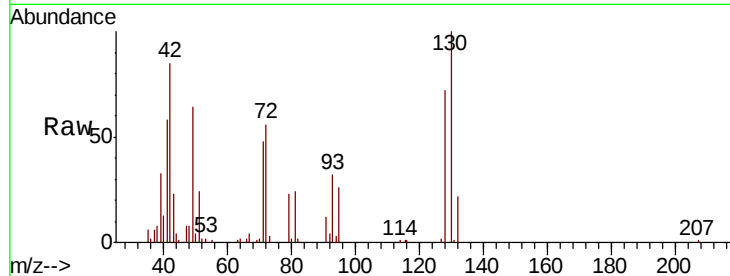




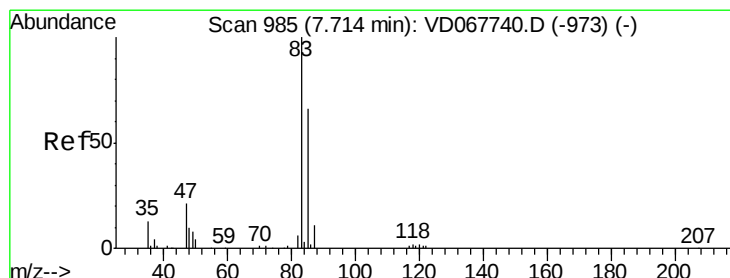
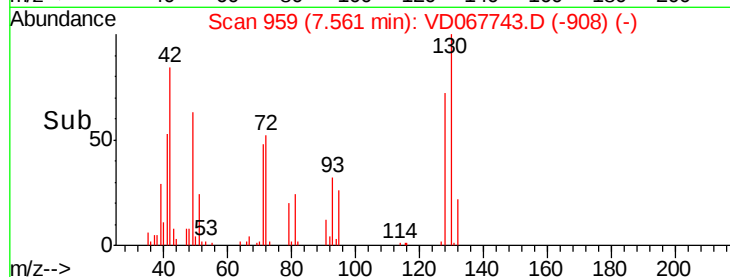
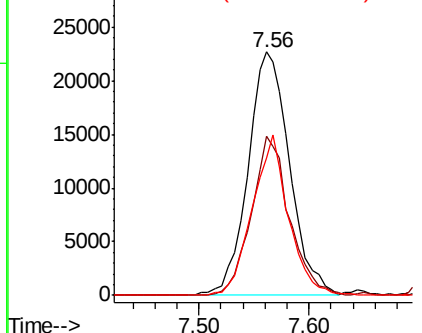
#29
Tetrahydrofuran
Concen: 266.820 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 42 Resp: 59734
Ion Ratio Lower Upper
42 100
72 59.6 49.3 73.9
71 57.3 45.9 68.9

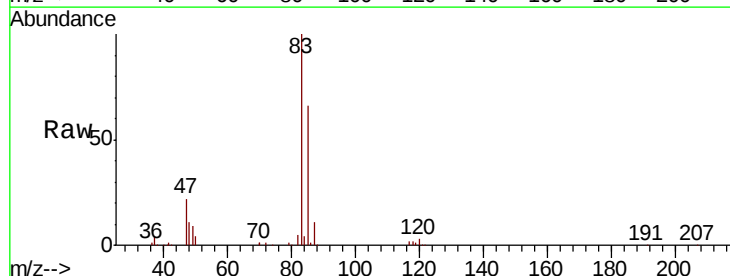


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

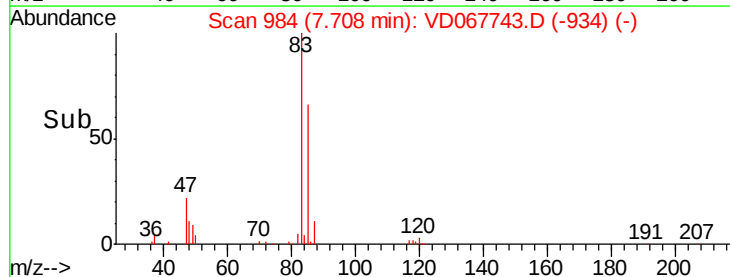
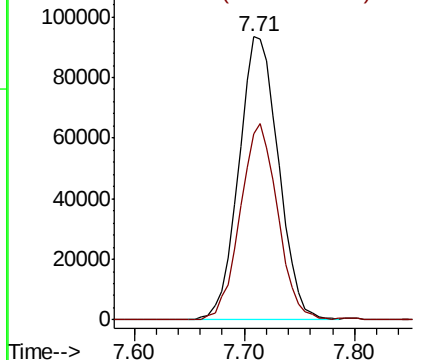


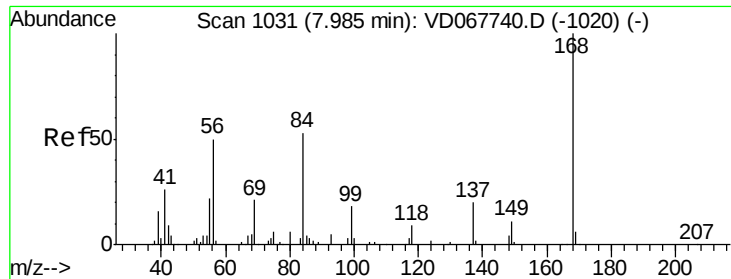
#30
Chloroform
Concen: 48.654 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion: 83 Resp: 236021
Ion Ratio Lower Upper
83 100
85 65.9 53.1 79.7



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

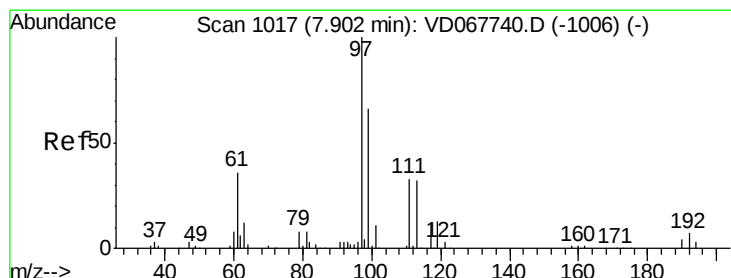
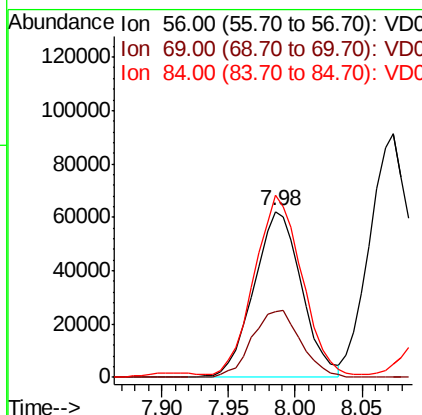
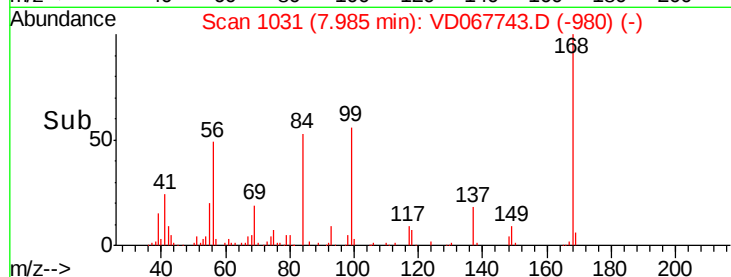
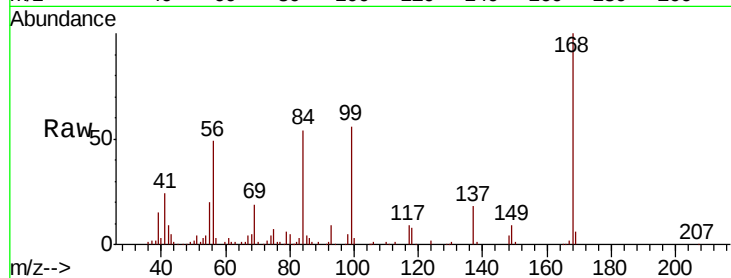




#31
Cyclohexane
Concen: 46.894 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

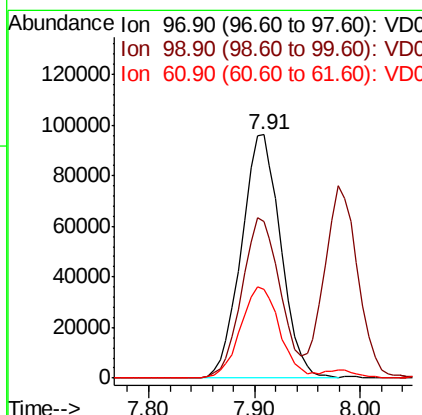
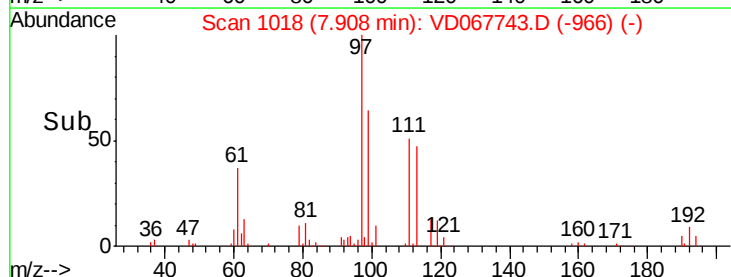
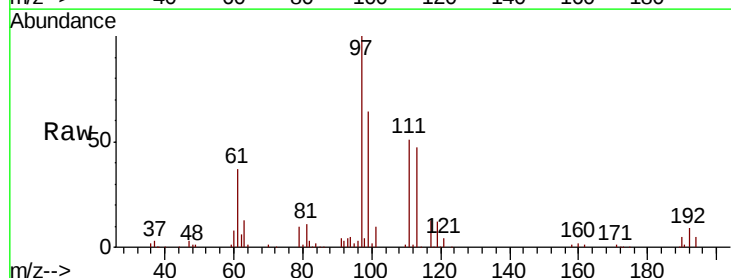
Instrument :
MSVOA_D
ClientSampleID :
BFB

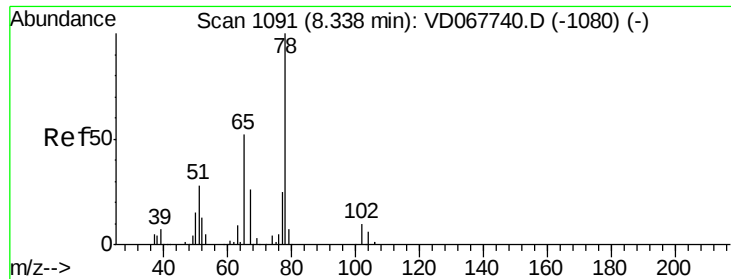
Tot Ion: 56 Resp: 154117
Ion Ratio Lower Upper
56 100
69 39.4 33.2 49.8
84 108.1 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 48.458 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion: 97 Resp: 248954
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 37.6 29.4 44.2

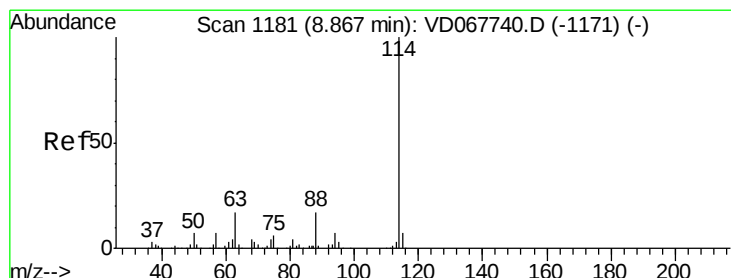
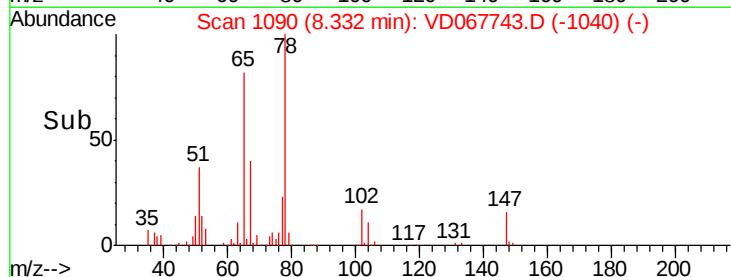
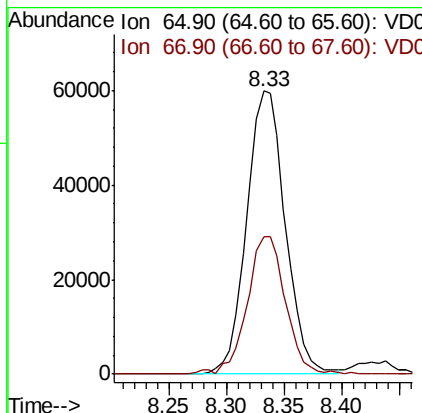
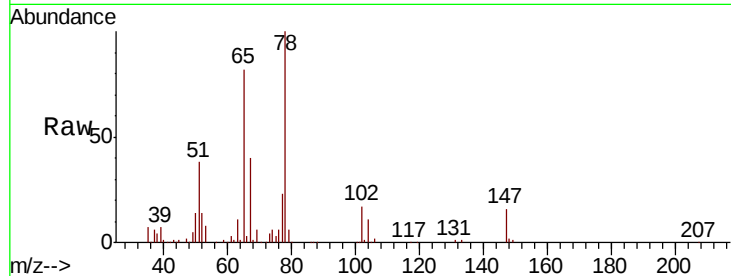




#33
 1,2-Dichloroethane-d4
 Concen: 51.434 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

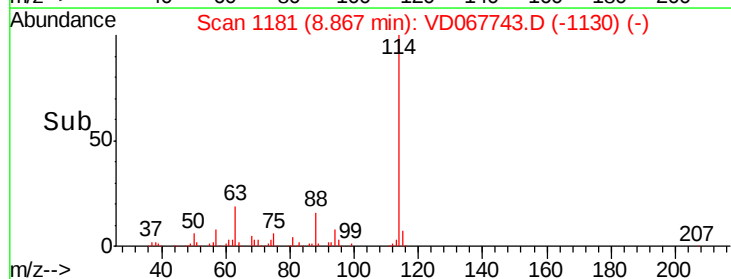
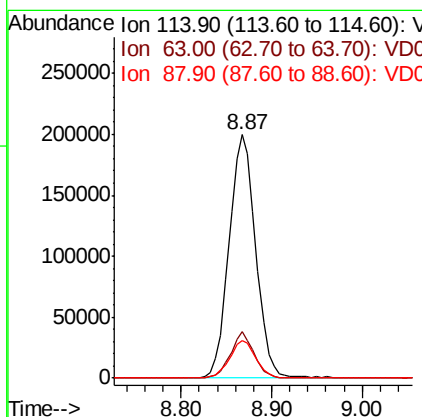
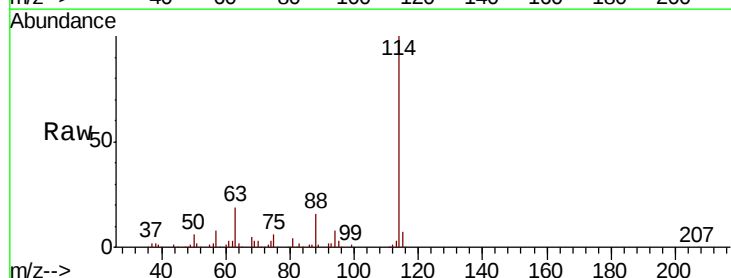
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

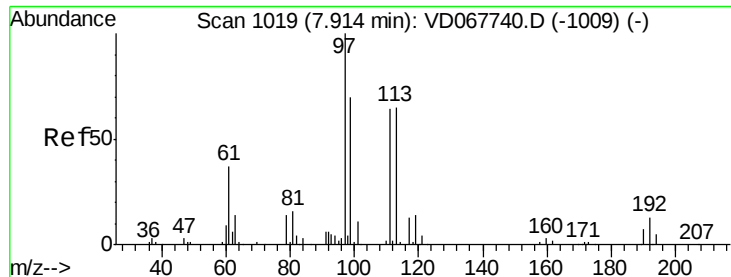
Tot Ion: 65 Resp: 139704
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion: 114 Resp: 407633
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 34.8
 88 15.7 0.0 34.4

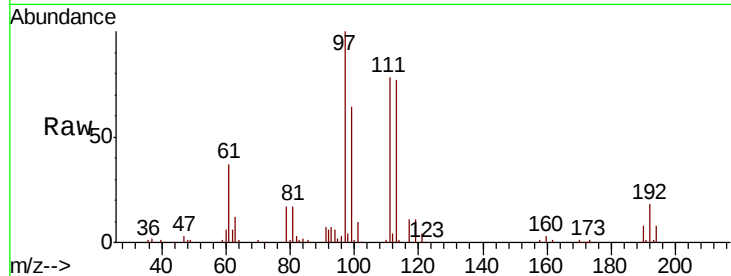




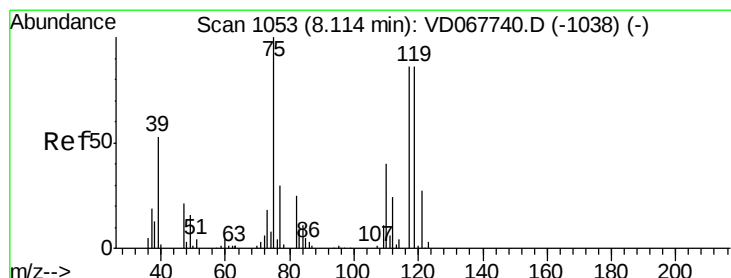
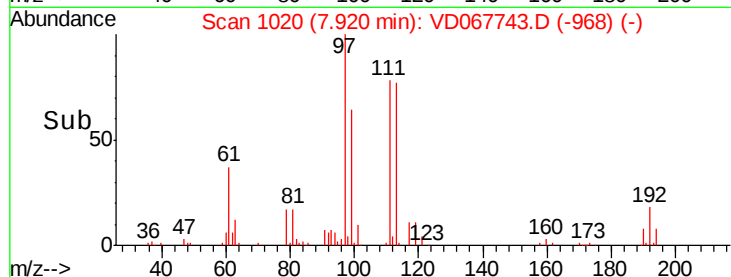
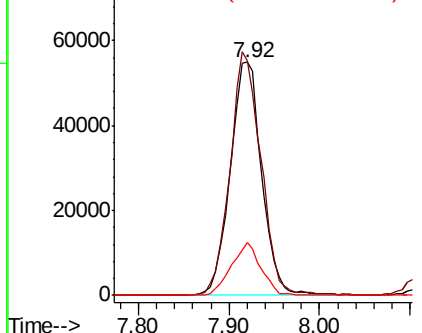
#35
 Dibromofluoromethane
 Concen: 51.067 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tot Ion:113 Resp: 132476
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 21.3 17.0 25.4

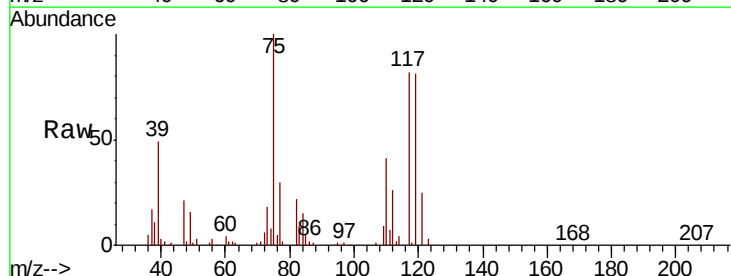


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

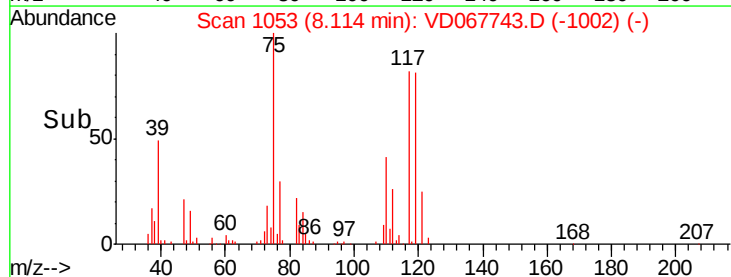
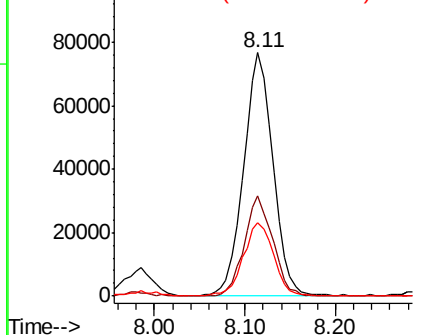


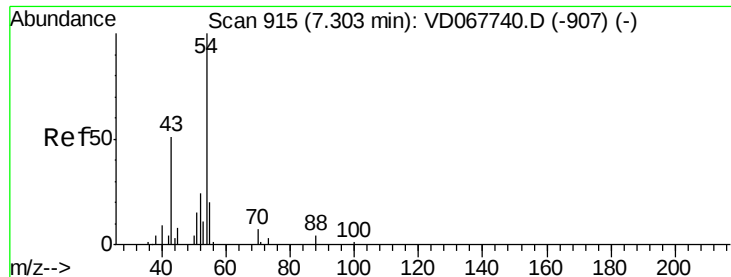
#36
 1,1-Dichloropropene
 Concen: 49.322 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion: 75 Resp: 172526
 Ion Ratio Lower Upper
 75 100
 110 40.0 20.1 60.2
 77 31.1 24.8 37.2



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





#37

Ethyl Acetate

Concen: 48.426 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

BFB

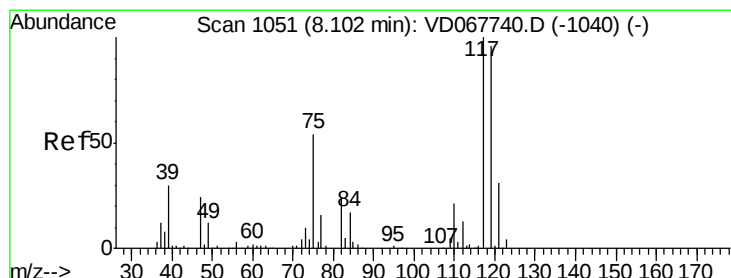
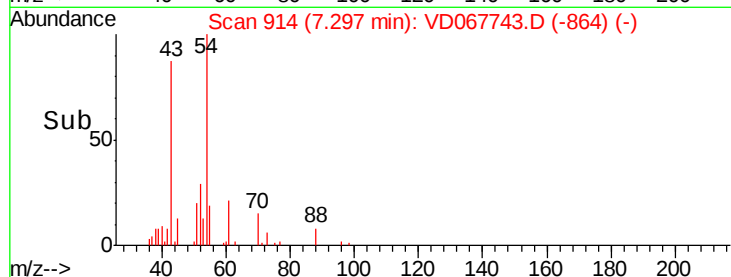
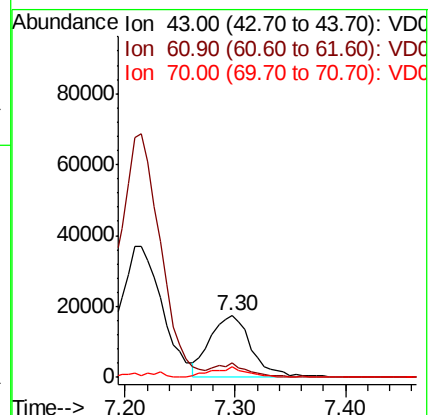
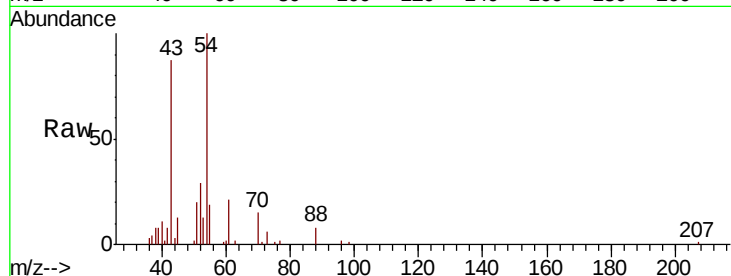
Tot Ion: 43 Resp: 45548

Ion Ratio Lower Upper

43 100

61 18.2 12.9 19.3

70 14.0 12.2 18.2



#38

Carbon Tetrachloride

Concen: 47.727 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

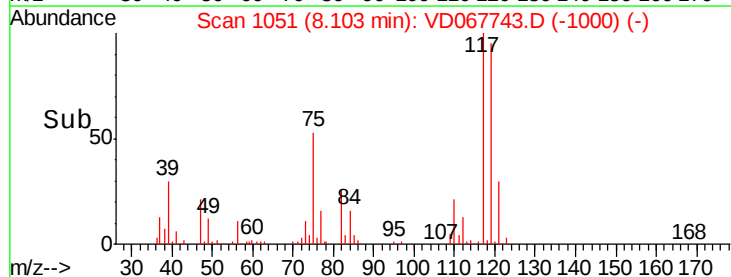
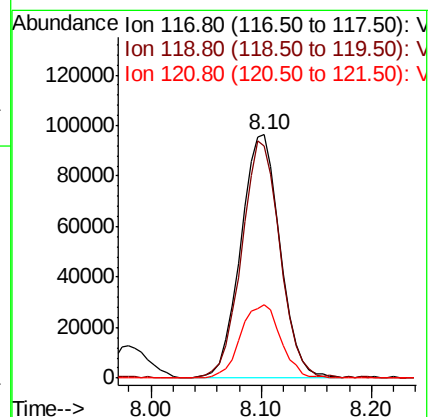
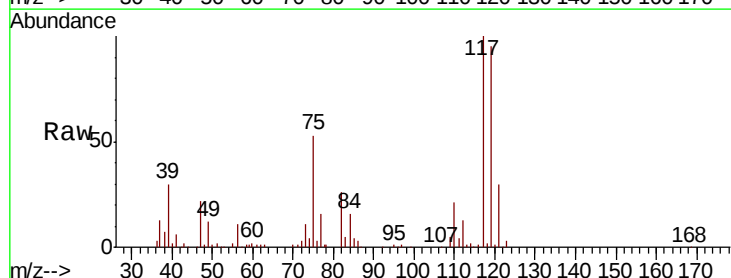
Tgt Ion: 117 Resp: 241998

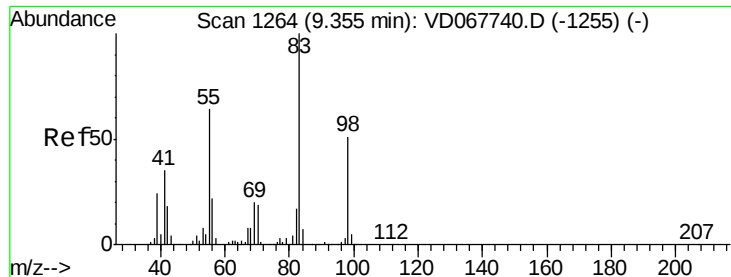
Ion Ratio Lower Upper

117 100

119 95.1 76.6 115.0

121 30.1 24.5 36.7

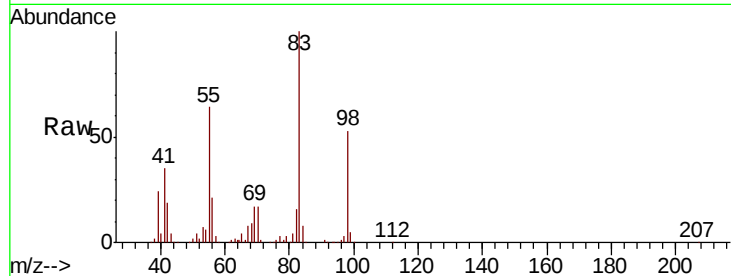




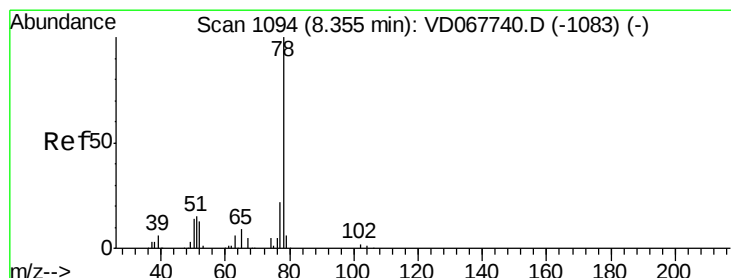
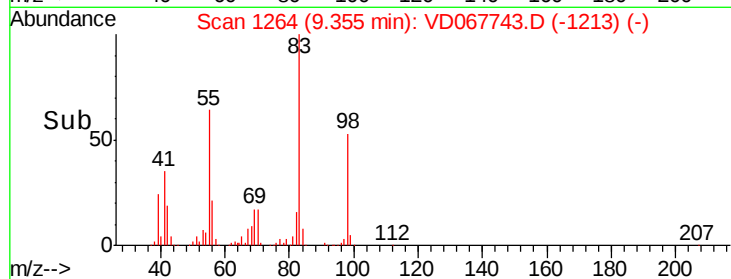
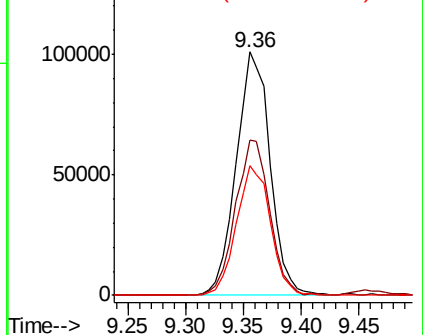
#39
Methvlcvclohexane
Concen: 49.675 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.0	51.0	76.4
98	53.3	40.4	60.6

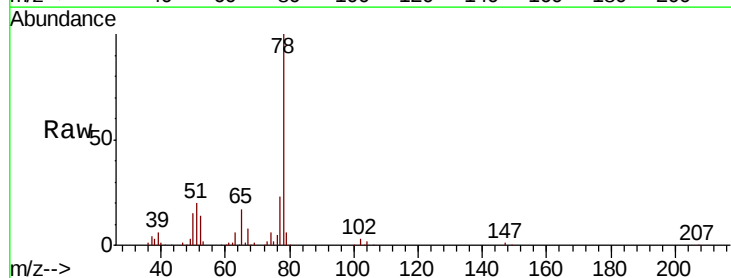


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

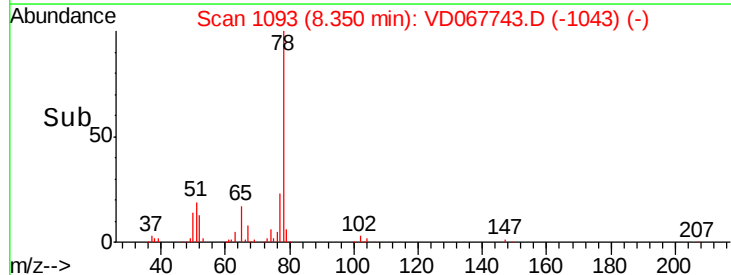
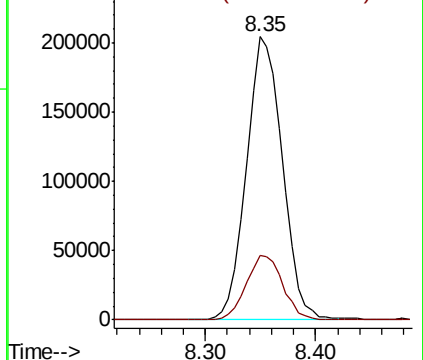


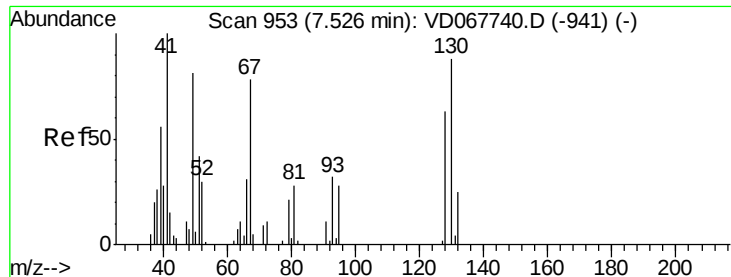
#40
Benzene
Concen: 48.693 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	17.8	26.6



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

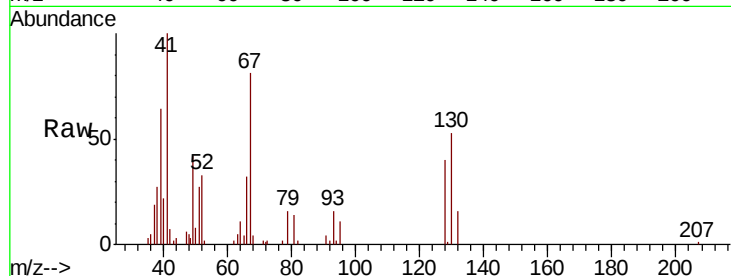




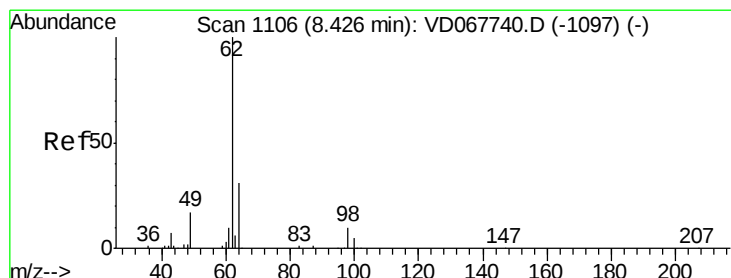
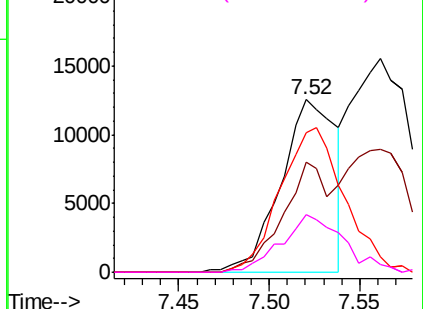
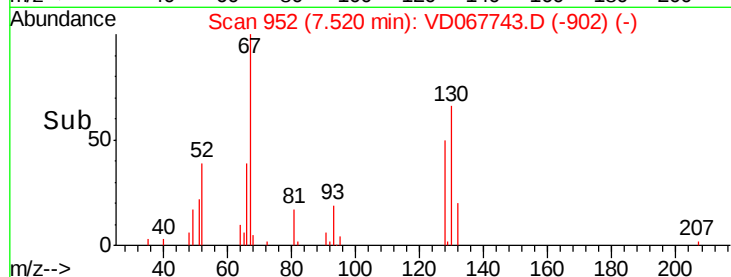
#41
Methacrylonitrile
Concen: 55.252 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion:	41	Resp:	26537
Ion	Ratio	Lower	Upper
41	100		
39	50.5	50.2	75.4
67	98.3	79.0	118.6
52	38.2	32.4	48.6

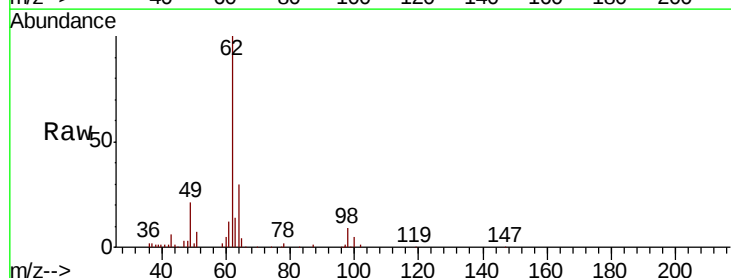


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

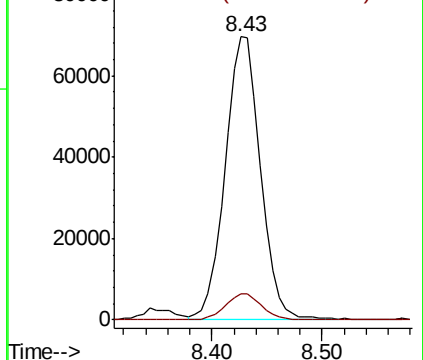
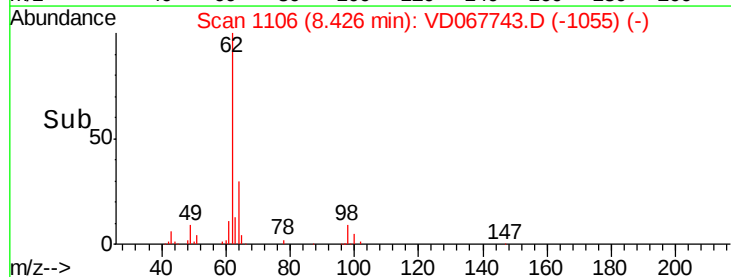


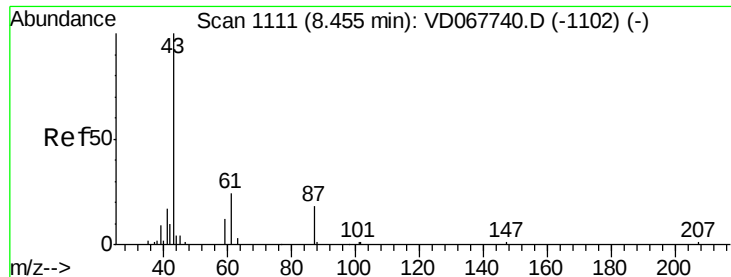
#42
1,2-Dichloroethane
Concen: 47.822 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion:	62	Resp:	155886
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 49.370 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

BFB

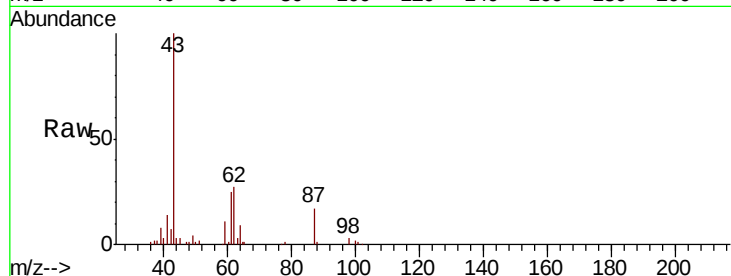
Tot Ion: 43 Resp: 92733

Ion Ratio Lower Upper

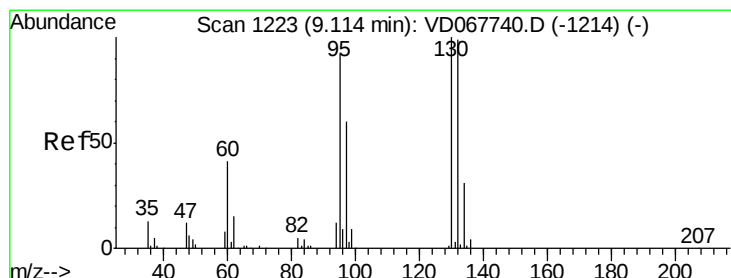
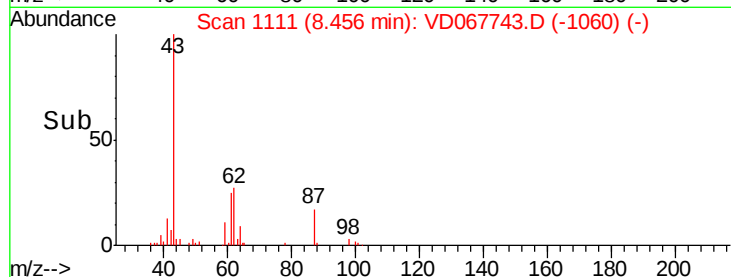
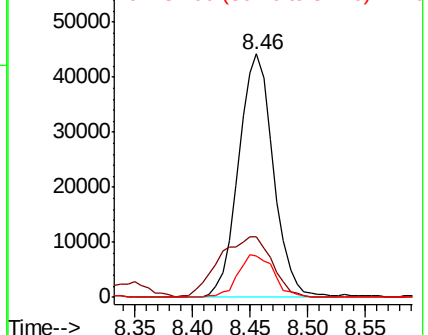
43 100

61 37.7 30.2 45.4

87 18.0 14.2 21.4



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



#44

Trichloroethene

Concen: 46.999 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067743.D

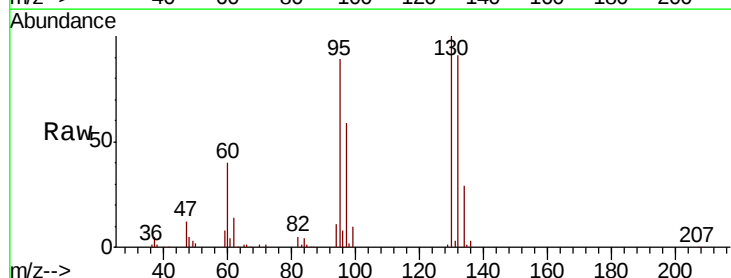
Acq: 23 Nov 2020 14:05

Tgt Ion:130 Resp: 149645

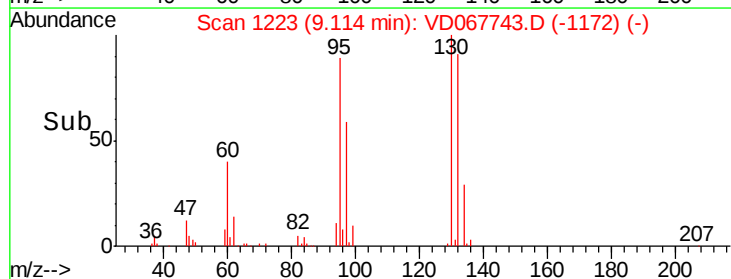
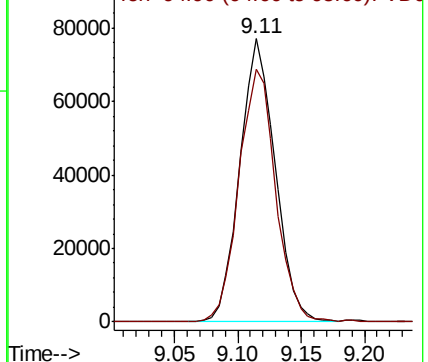
Ion Ratio Lower Upper

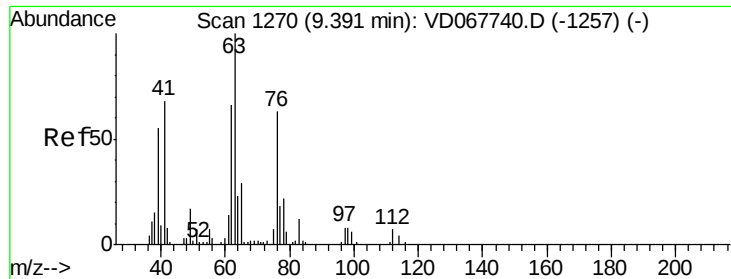
130 100

95 89.2 0.0 184.2



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

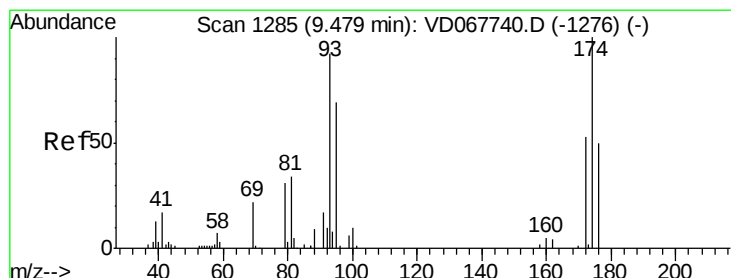
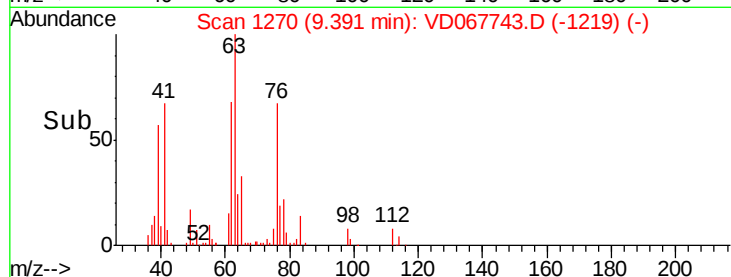
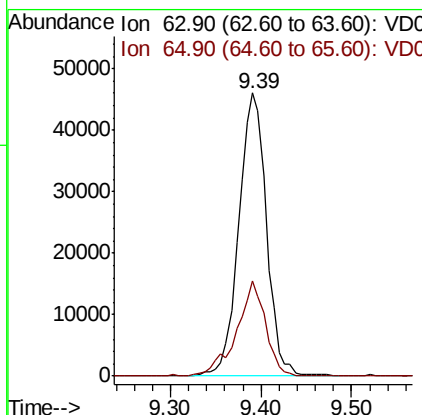
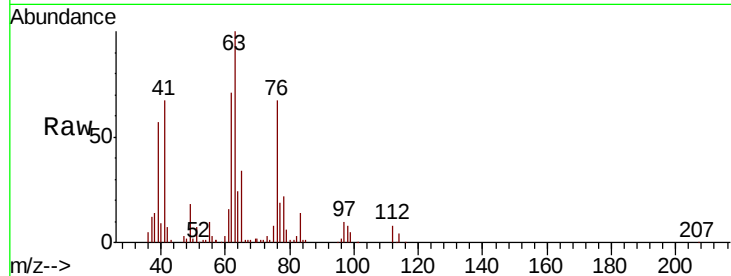




#45
 1,2-Dichloropropane
 Concen: 49.389 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

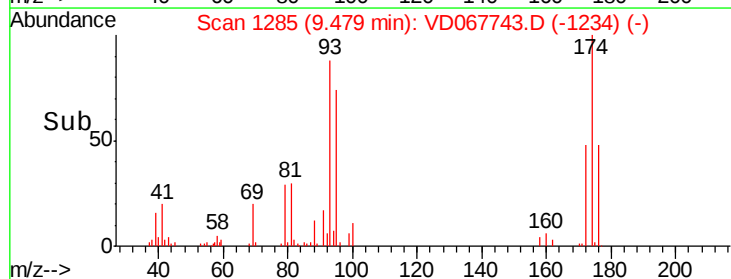
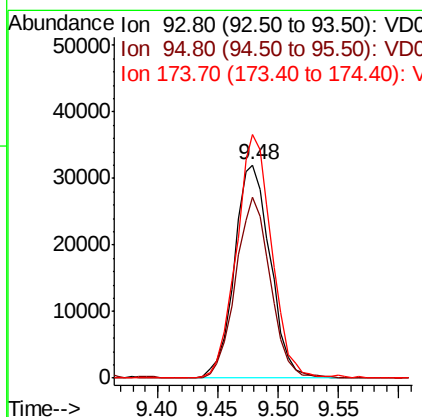
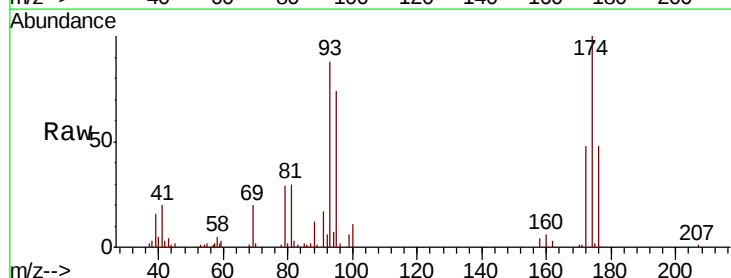
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

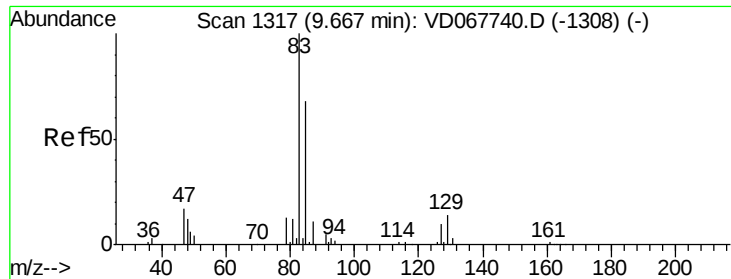
Tot Ion: 63 Resp: 97359
 Ion Ratio Lower Upper
 63 100
 65 33.6 23.1 34.7



#46
 Dibromomethane
 Concen: 49.333 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion: 93 Resp: 66208
 Ion Ratio Lower Upper
 93 100
 95 82.0 63.4 95.2
 174 111.9 89.6 134.4

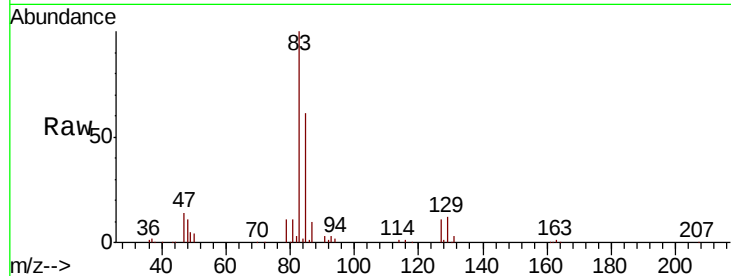




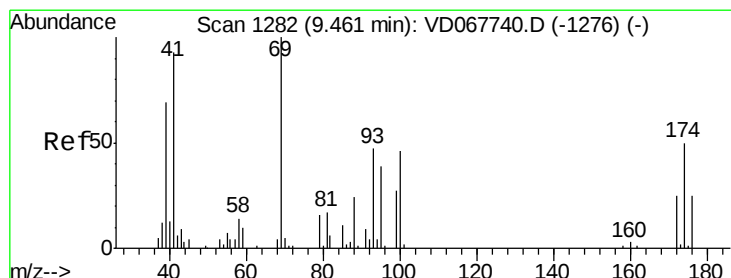
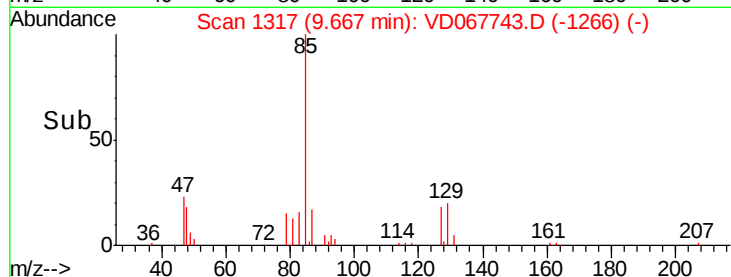
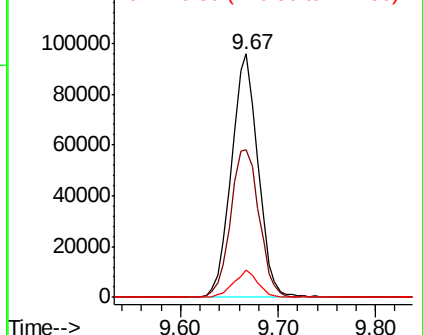
#47
Bromodichloromethane
Concen: 48.797 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 83 Resp: 182364
Ion Ratio Lower Upper
83 100
85 60.9 54.2 81.2
127 11.0 7.6 11.4

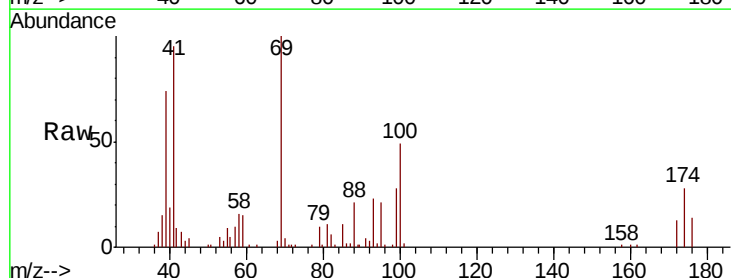


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

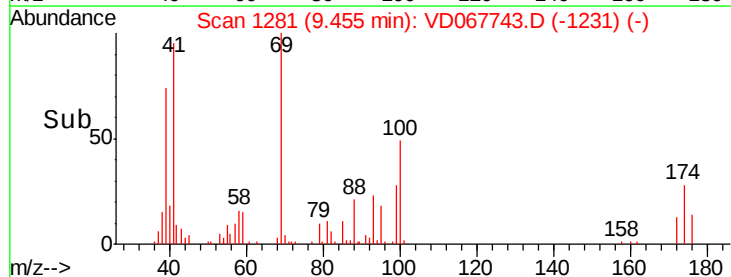
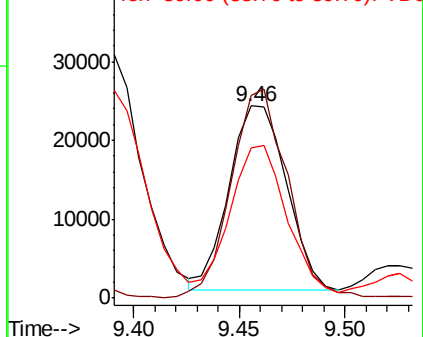


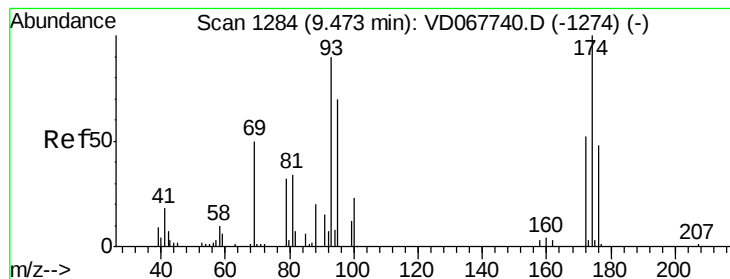
#48
Methyl methacrylate
Concen: 47.120 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion: 41 Resp: 44249
Ion Ratio Lower Upper
41 100
69 111.7 87.8 131.6
39 76.9 60.5 90.7



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





#49

1,4-Dioxane

Concen: 1000.675 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampled :

BFB

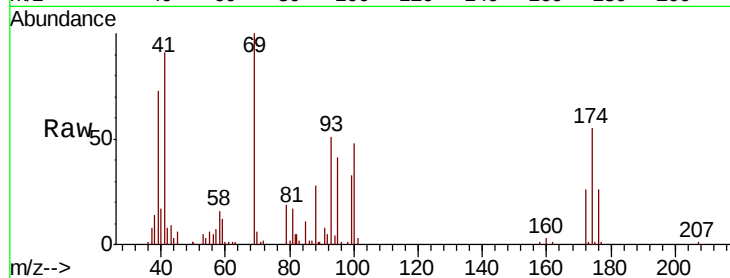
Tot Ion: 88 Resp: 14554

Ion Ratio Lower Upper

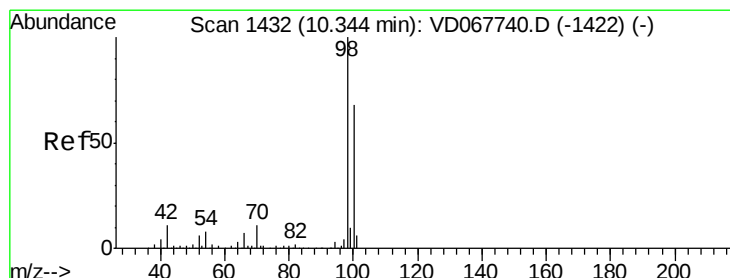
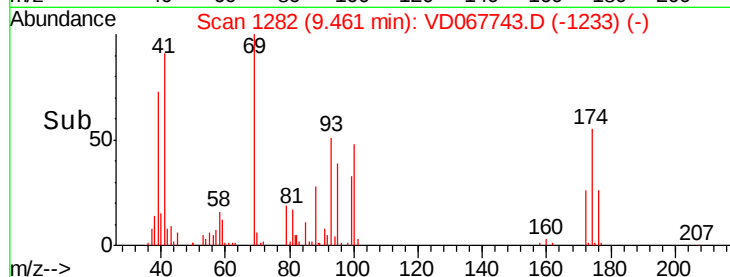
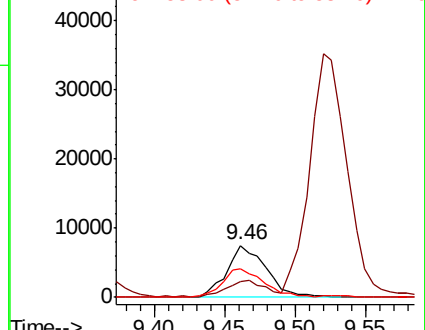
88 100

43 32.3 25.2 37.8

58 58.2 48.2 72.2



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



#50

Toluene-d8

Concen: 51.024 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067743.D

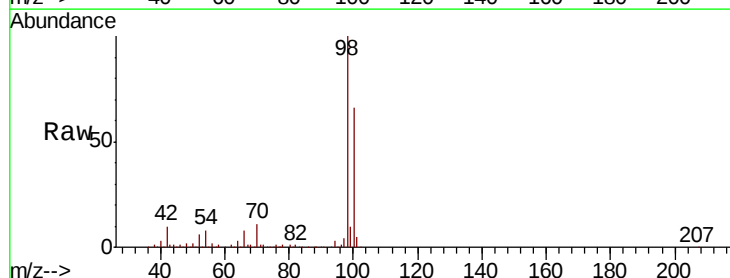
Acq: 23 Nov 2020 14:05

Tgt Ion: 98 Resp: 483935

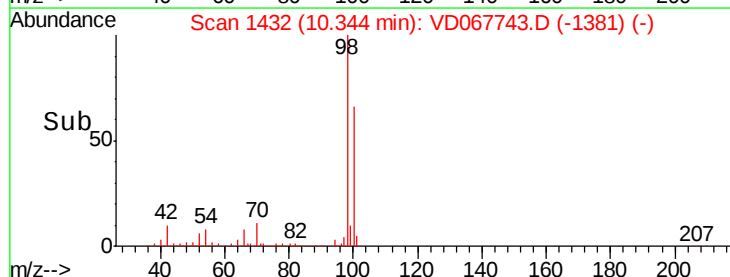
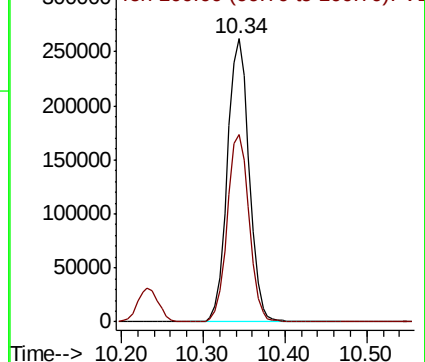
Ion Ratio Lower Upper

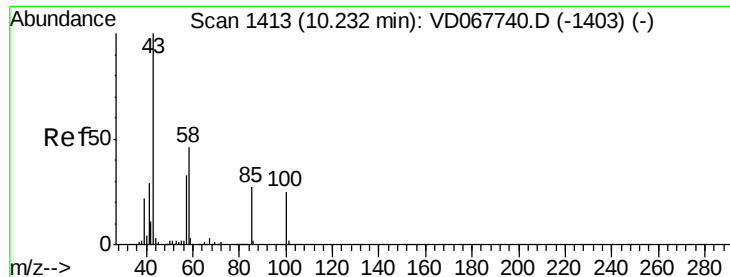
98 100

100 66.8 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: 250.821 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampled :

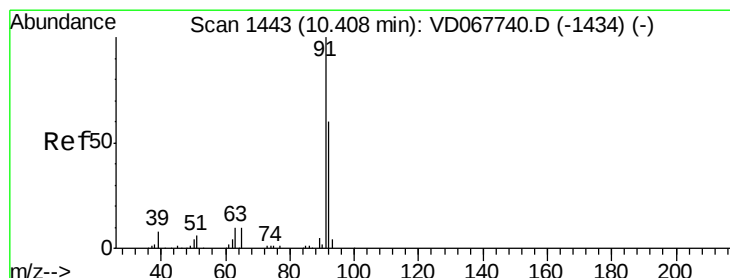
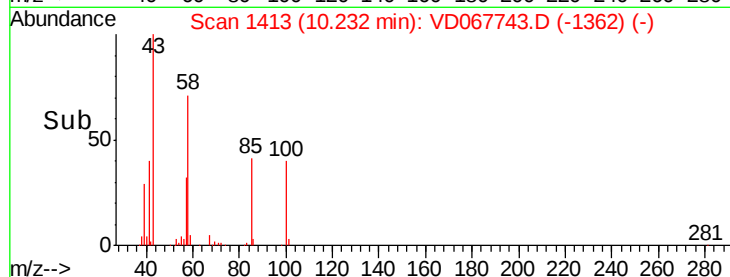
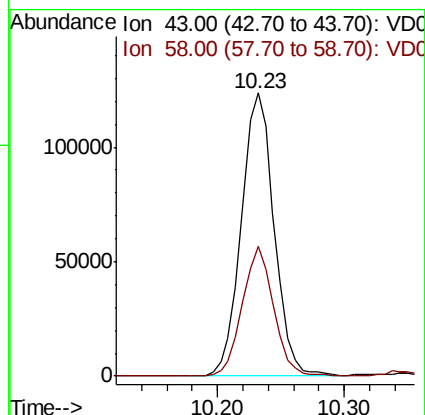
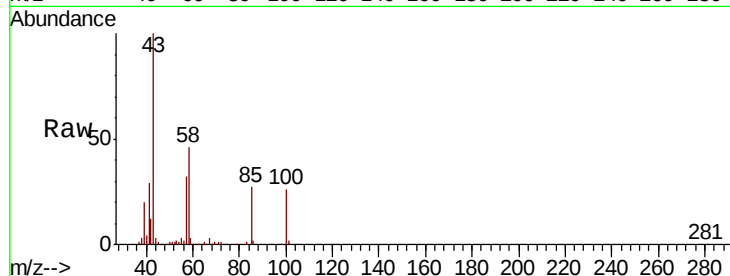
BFB

Tot Ion: 43 Resp: 221691

Ion Ratio Lower Upper

43 100

58 43.8 34.7 52.1



#52

Toluene

Concen: 50.003 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067743.D

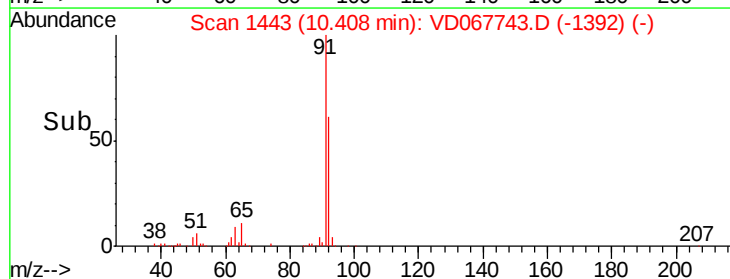
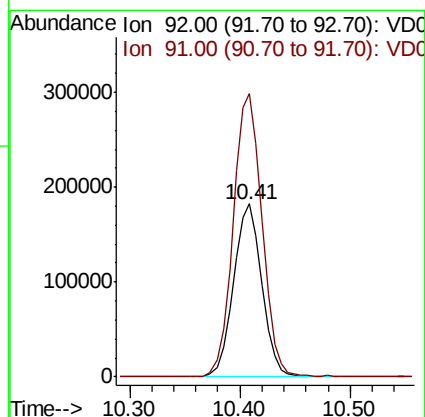
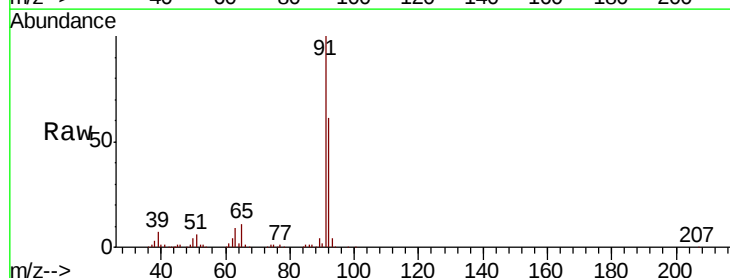
Acq: 23 Nov 2020 14:05

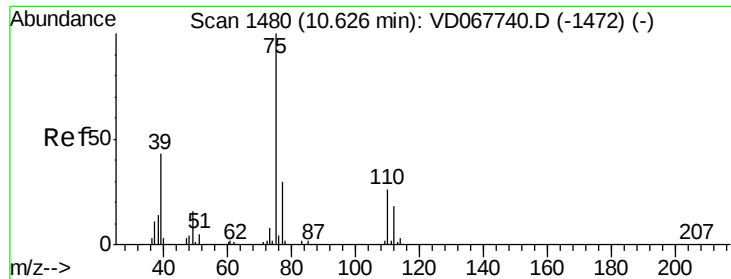
Tgt Ion: 92 Resp: 325881

Ion Ratio Lower Upper

92 100

91 167.8 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 48.145 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

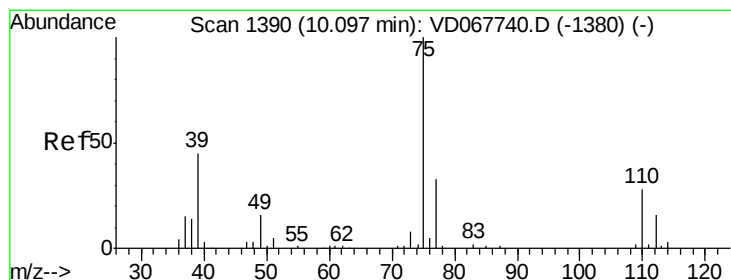
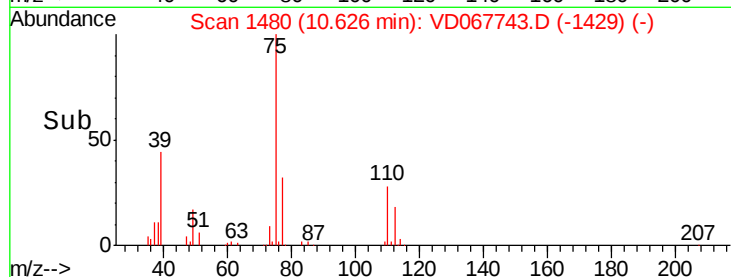
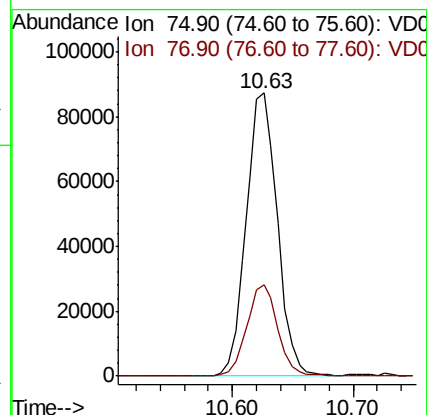
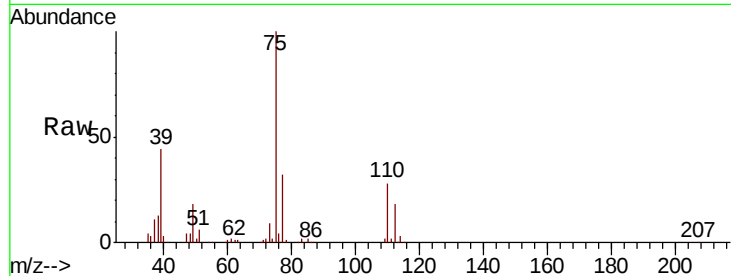
BFB

Tot Ion: 75 Resp: 157196

Ion Ratio Lower Upper

75 100

77 32.3 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 48.513 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

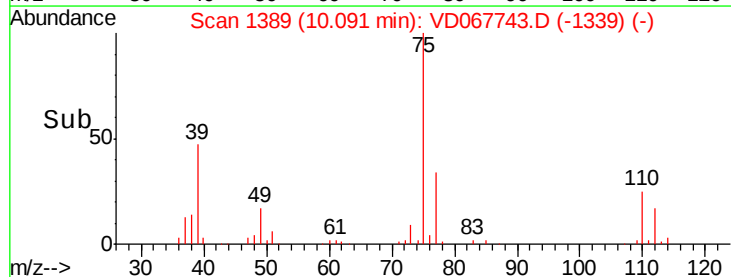
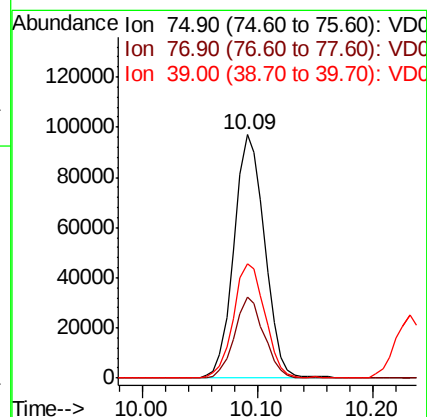
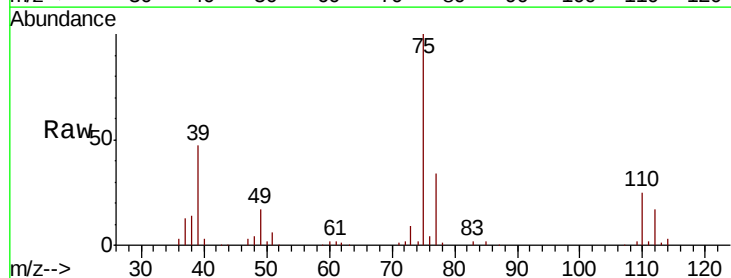
Tgt Ion: 75 Resp: 179259

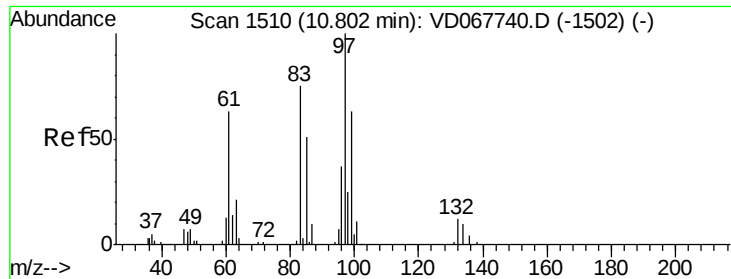
Ion Ratio Lower Upper

75 100

77 33.5 26.1 39.1

39 46.6 35.8 53.6

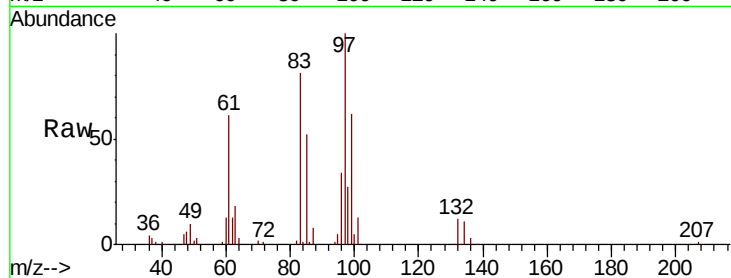




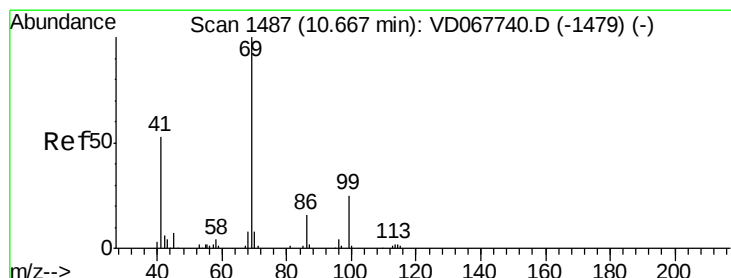
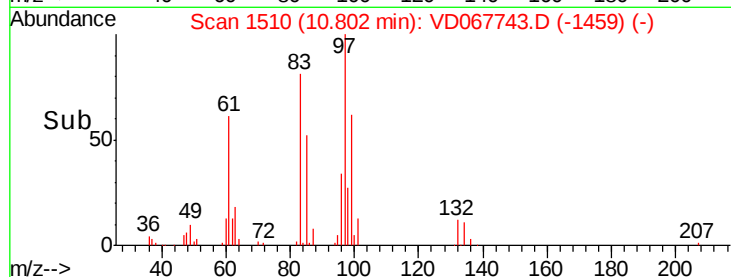
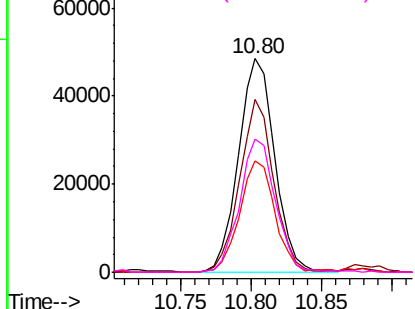
#55
 1,1,2-Trichloroethane
 Concen: 48.409 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tot Ion:	97	Resp:	87171
Ion	Ratio	Lower	Upper
97	100		
83	80.8	60.2	90.4
85	52.0	40.5	60.7
99	62.5	50.6	76.0

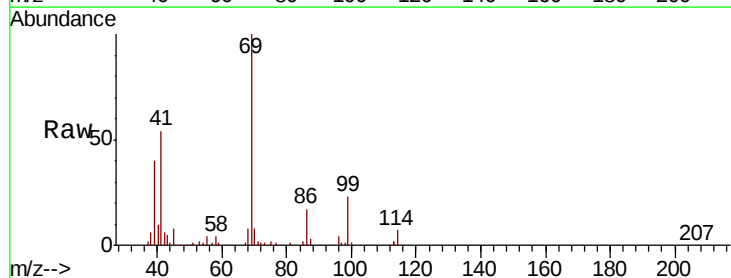


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

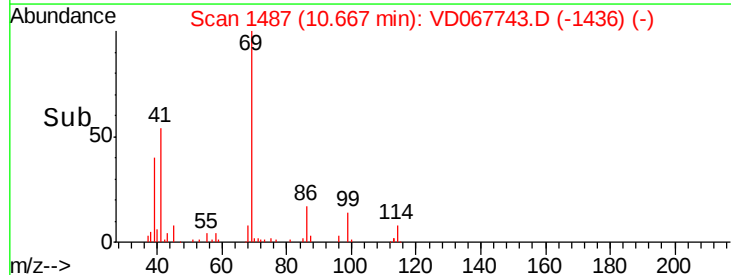
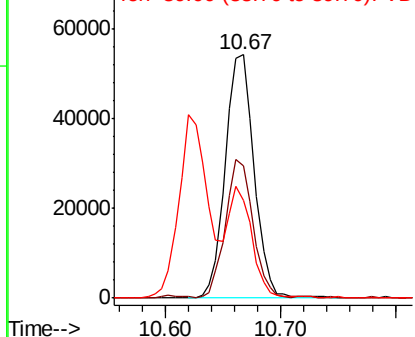


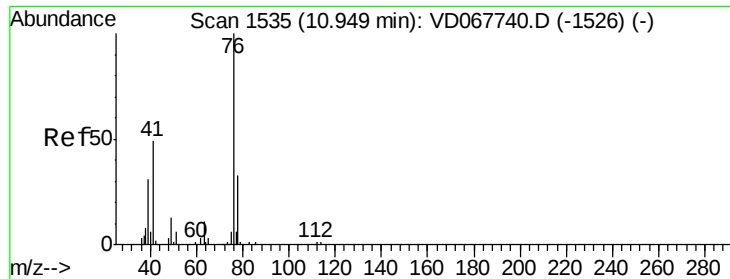
#56
 Ethyl methacrylate
 Concen: 50.490 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion:	69	Resp:	94130
Ion	Ratio	Lower	Upper
69	100		
41	53.1	43.4	65.0
39	36.6	29.6	44.4



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

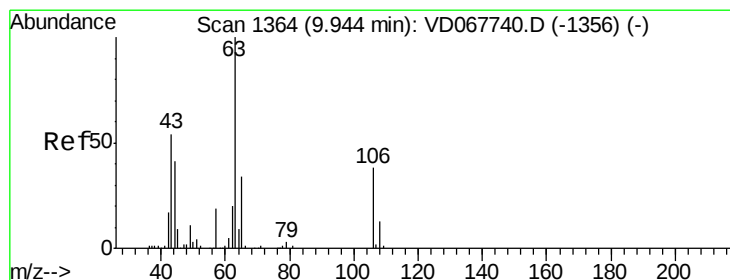
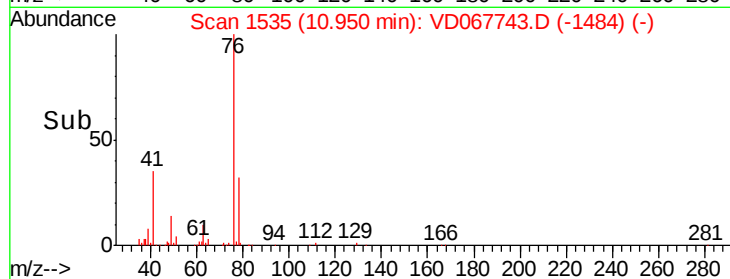
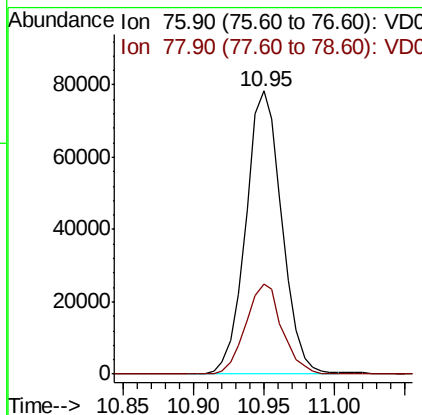
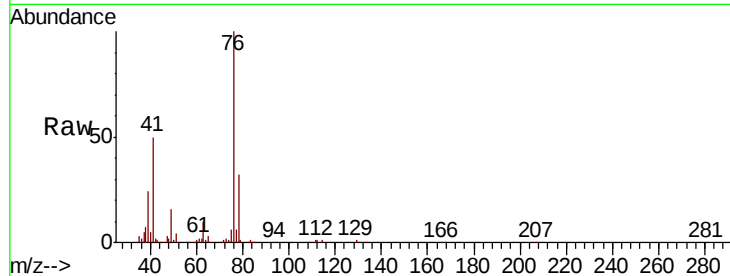




#57
 1,3-Dichloropropane
 Concen: 49.450 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

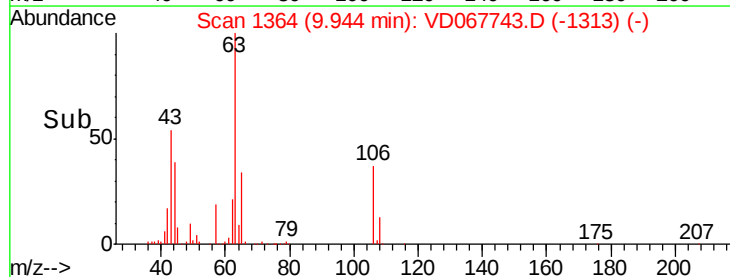
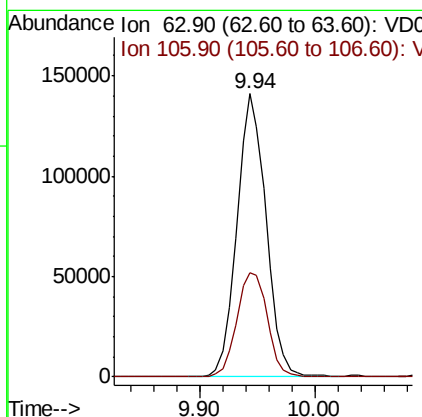
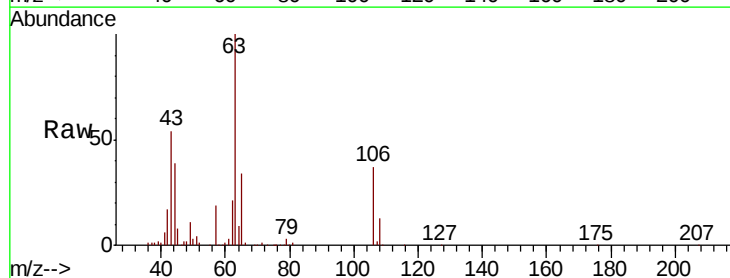
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

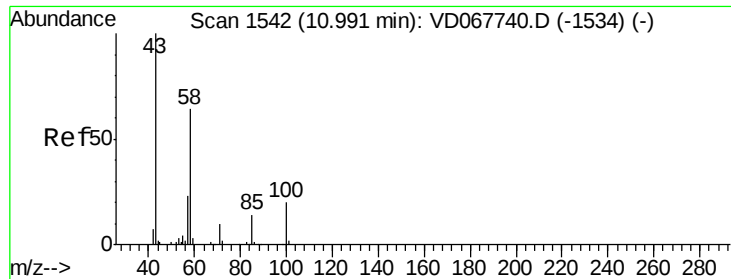
Tot Ion: 76 Resp: 140400
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.983 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion: 63 Resp: 245635
 Ion Ratio Lower Upper
 63 100
 106 38.8 31.0 46.6

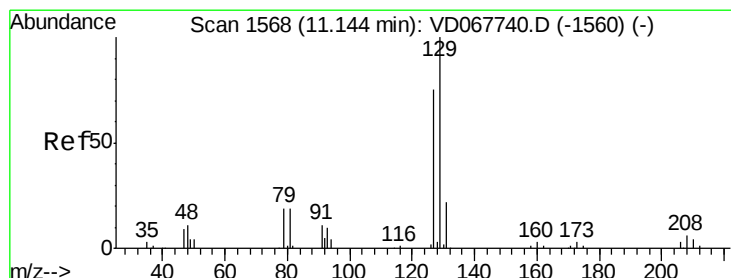
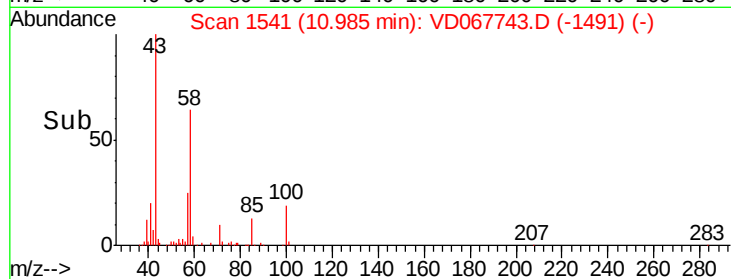
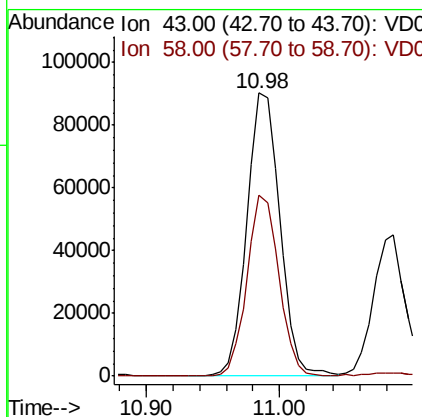
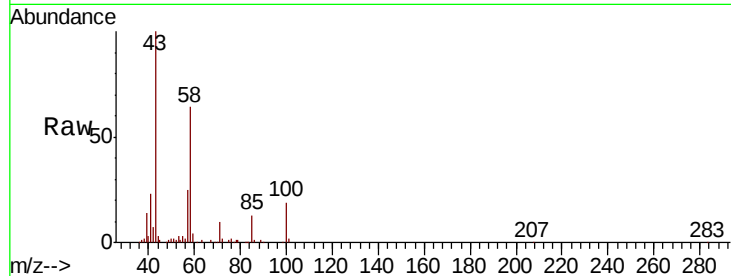




#59
2-Hexanone
Concen: 247.243 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

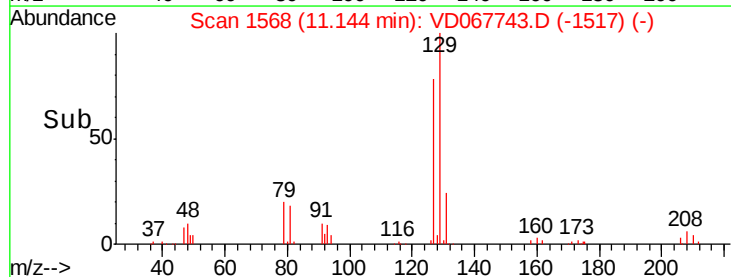
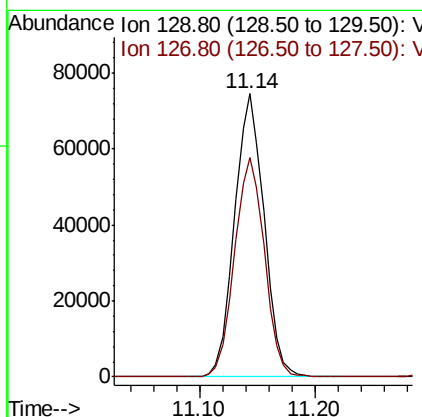
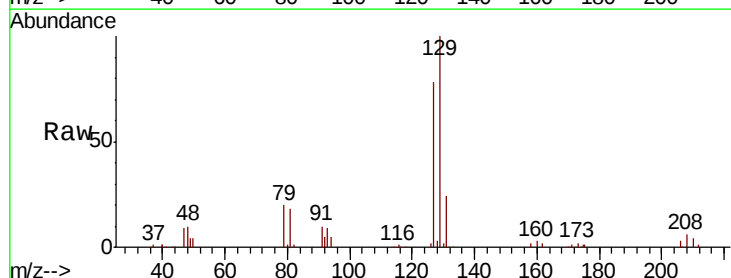
Instrument :
MSVOA_D
ClientSampled :
BFB

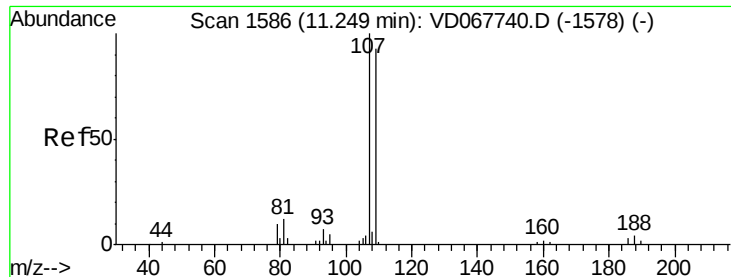
Tot Ion: 43 Resp: 154288
Ion Ratio Lower Upper
43 100
58 61.7 30.5 91.5



#60
Dibromochloromethane
Concen: 48.198 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion: 129 Resp: 132256
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7

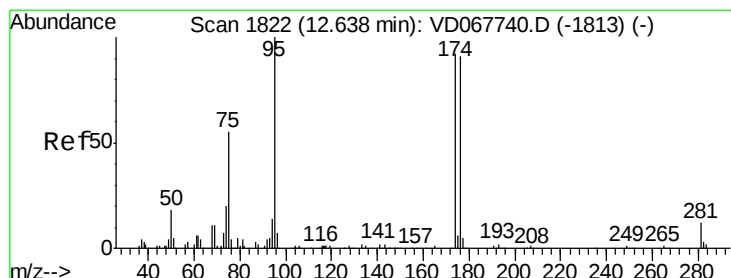
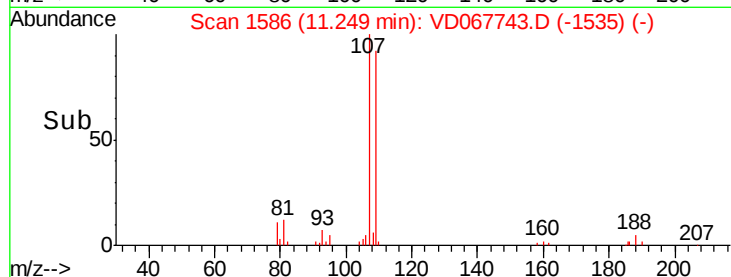
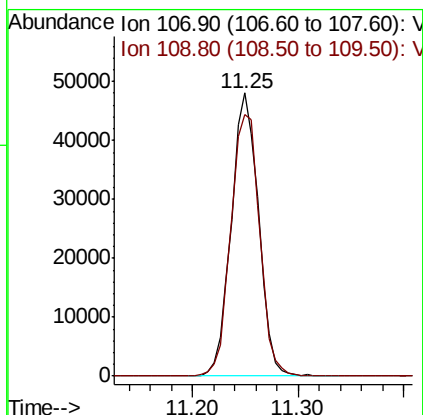
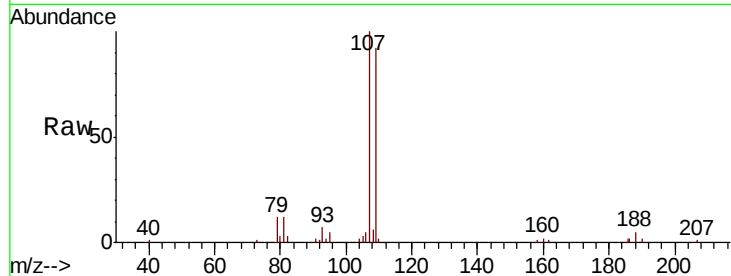




#61
 1,2-Dibromoethane
 Concen: 48.185 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

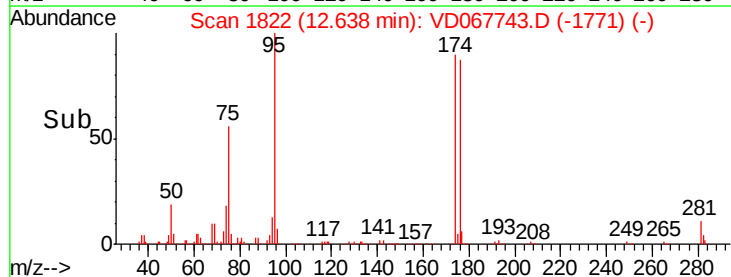
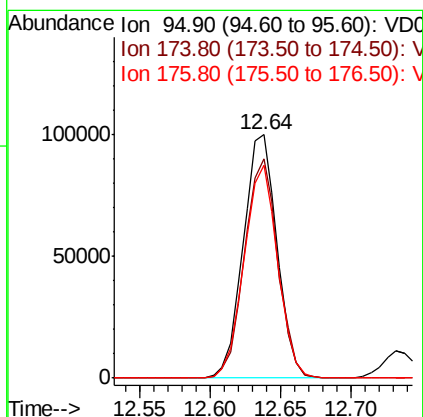
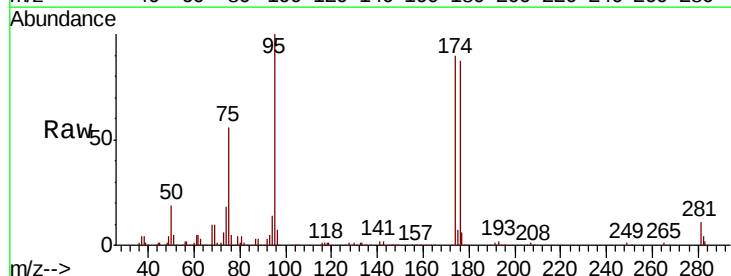
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

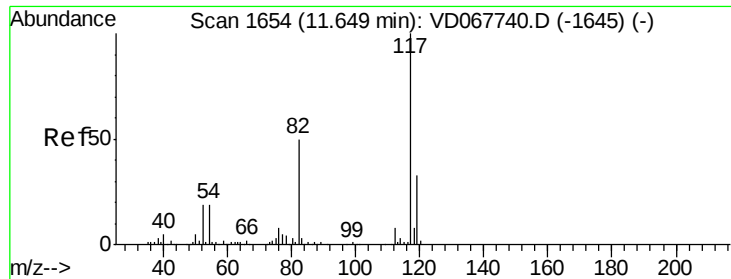
Tot Ion:107 Resp: 85494
 Ion Ratio Lower Upper
 107 100
 109 97.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 51.612 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion: 95 Resp: 167318
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 182.4
 176 86.9 0.0 178.2

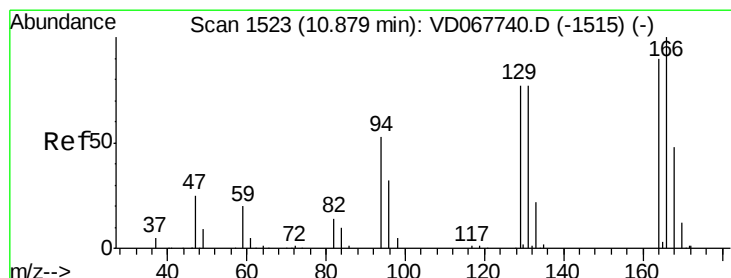
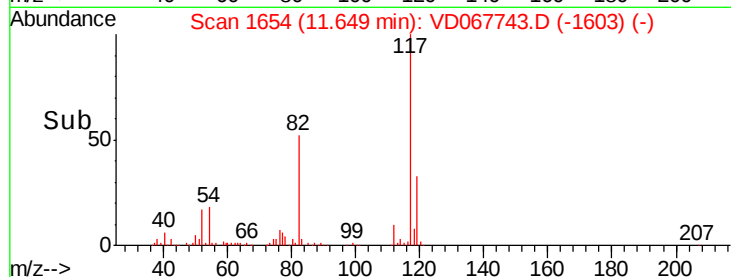
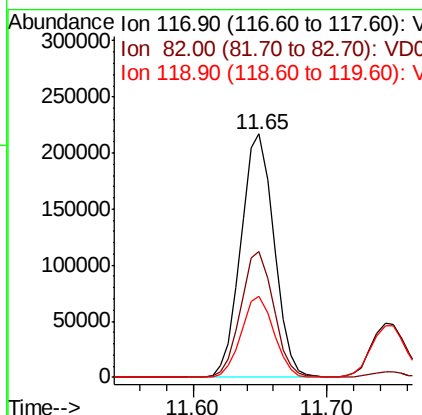
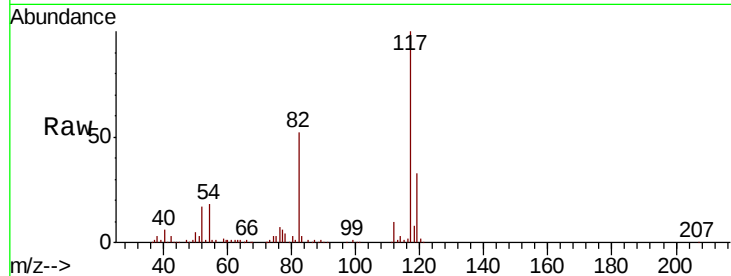




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

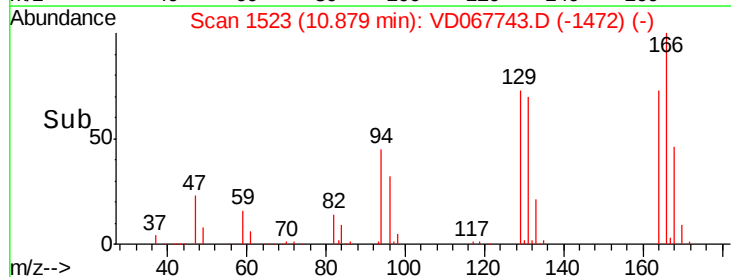
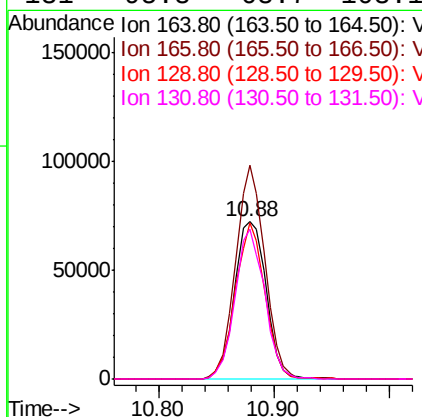
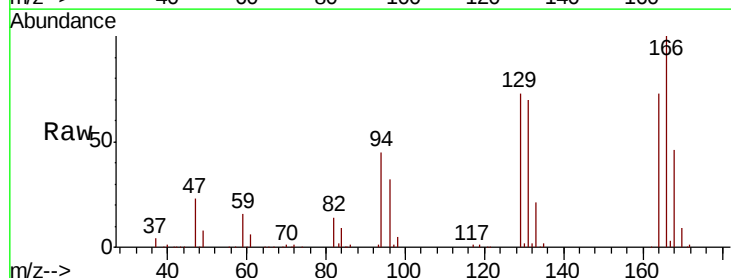
Instrument :
MSVOA_D
ClientSampleID :
BFB

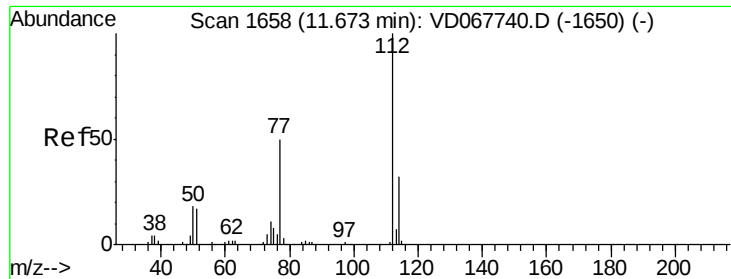
Tot Ion:117 Resp: 373120
Ion Ratio Lower Upper
117 100
82 51.7 40.2 60.4
119 33.5 26.5 39.7



#64
Tetrachloroethene
Concen: 47.369 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion:164 Resp: 137176
Ion Ratio Lower Upper
164 100
166 136.1 89.2 133.8#
129 99.9 68.4 102.6
131 95.8 68.7 103.1

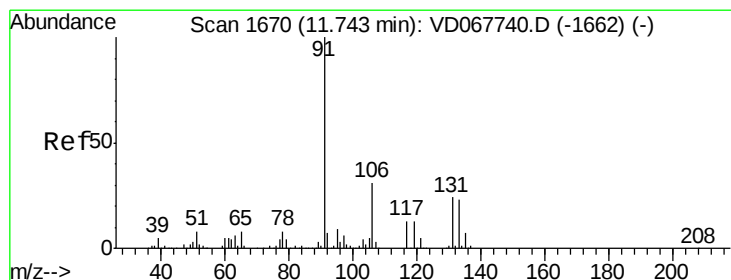
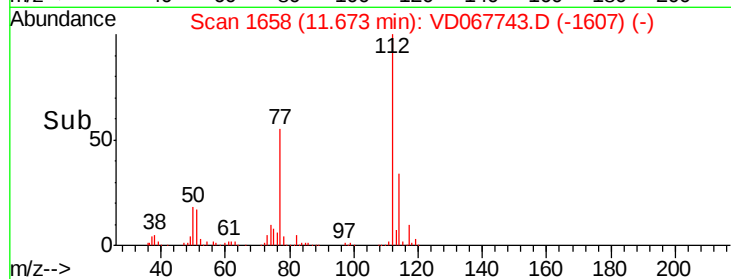
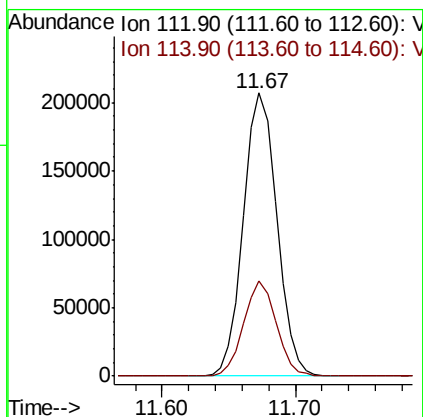
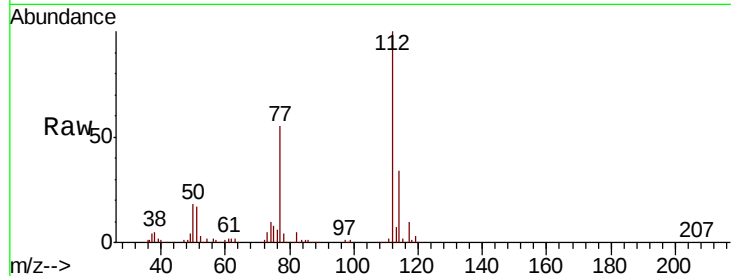




#65
Chlorobenzene
Concen: 49.009 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

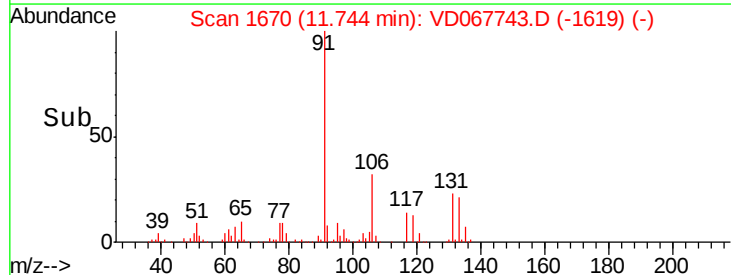
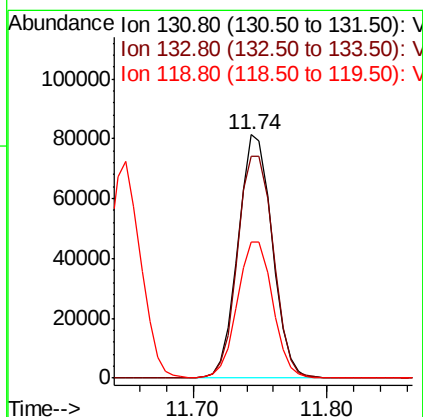
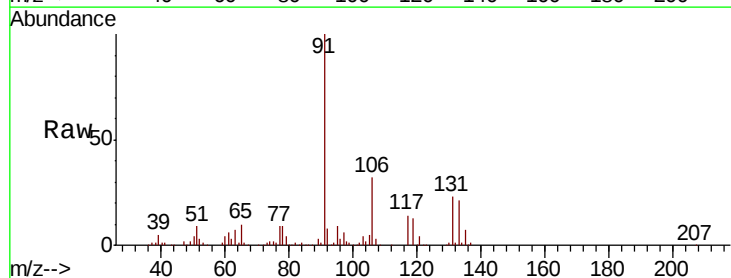
Instrument :
MSVOA_D
ClientSampleId :
BFB

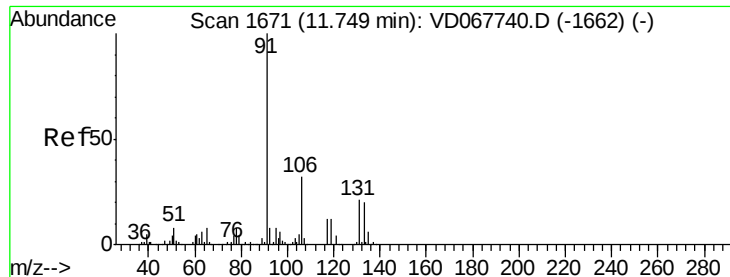
Tot Ion:112 Resp: 359404
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.679 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion:131 Resp: 144402
Ion Ratio Lower Upper
131 100
133 96.0 49.0 147.0
119 57.9 28.8 86.5





#67

Ethyl Benzene

Concen: 49.077 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampled :

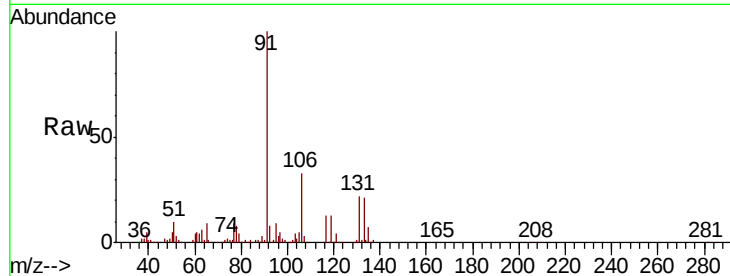
BFB

Tot Ion: 91 Resp: 621320

Ion Ratio Lower Upper

91 100

106 32.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

600000

500000

400000

300000

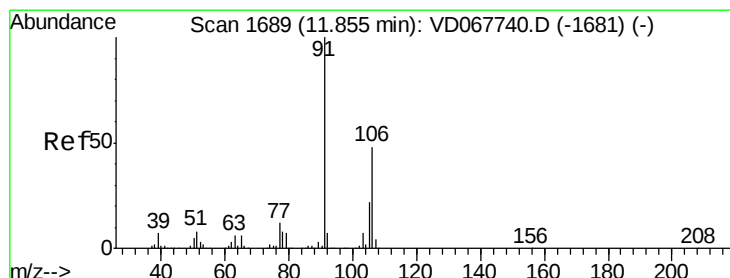
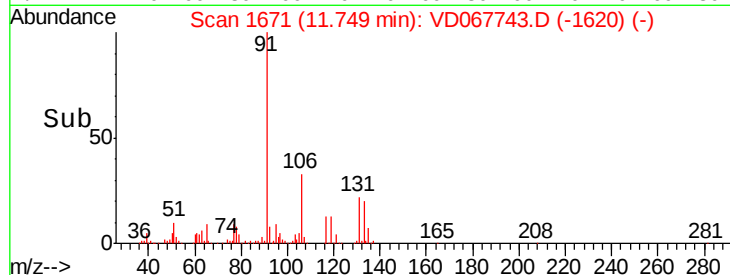
200000

100000

0

11.65 11.70 11.75 11.80

Time-->



#68

m/p-Xylenes

Concen: 98.939 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067743.D

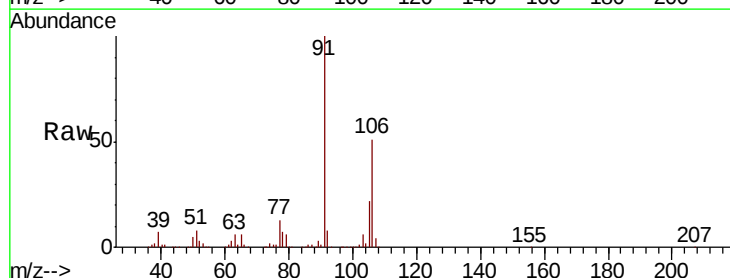
Acq: 23 Nov 2020 14:05

Tgt Ion: 106 Resp: 487438

Ion Ratio Lower Upper

106 100

91 202.5 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

600000

500000

400000

300000

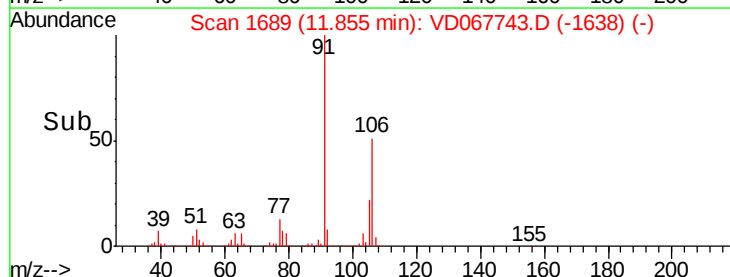
200000

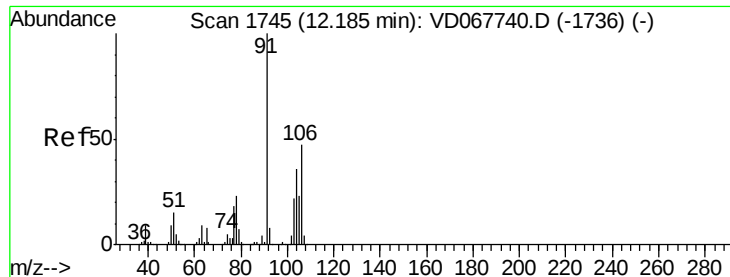
100000

0

11.80 11.85 11.90

Time-->

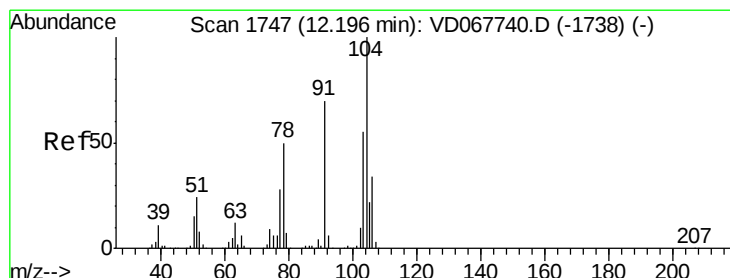
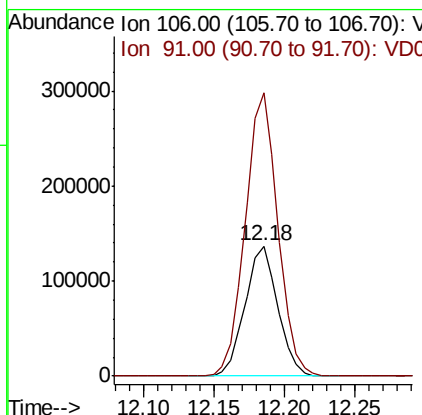
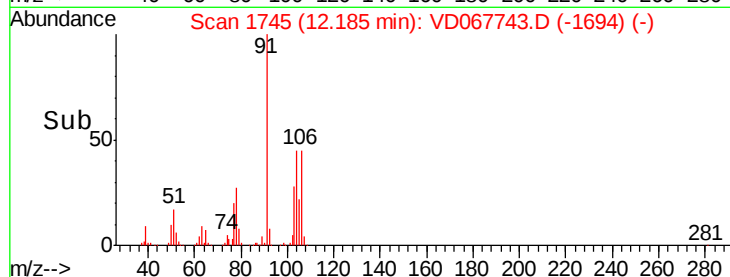
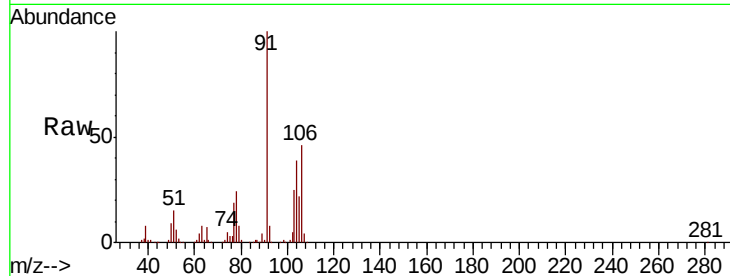




#69
o-Xylene
Concen: 49.718 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

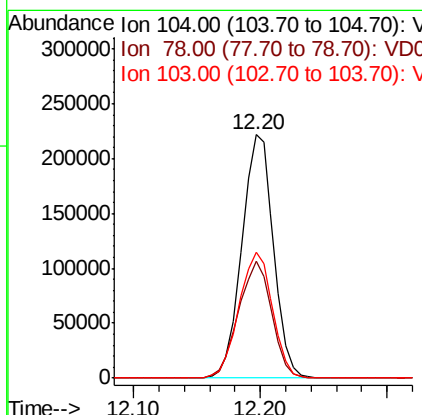
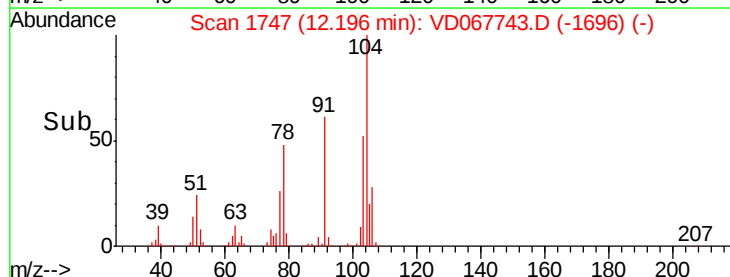
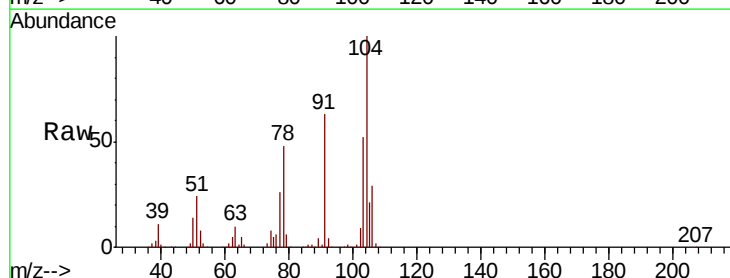
Instrument :
MSVOA_D
ClientSampleId :
BFB

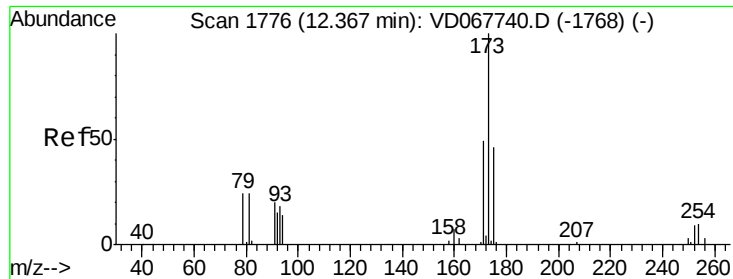
Tot Ion:106 Resp: 223018
Ion Ratio Lower Upper
106 100
91 216.2 106.2 318.6



#70
Styrene
Concen: 50.079 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion:104 Resp: 382631
Ion Ratio Lower Upper
104 100
78 50.8 41.9 62.9
103 54.7 44.1 66.1





#71

Bromoform

Concen: 47.030 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

BFB

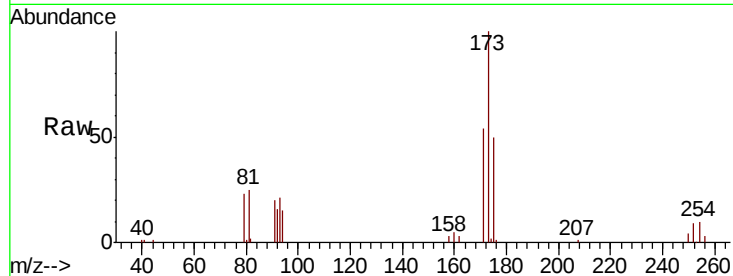
Tot Ion:173 Resp: 75735

Ion Ratio Lower Upper

173 100

175 49.4 23.9 71.7

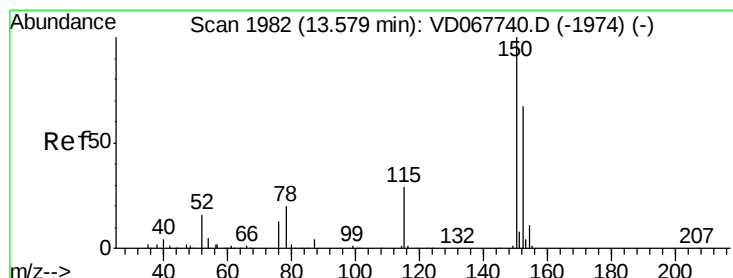
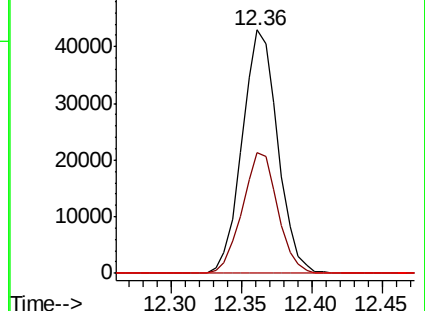
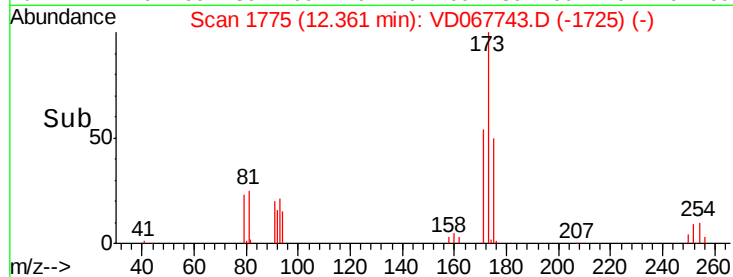
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

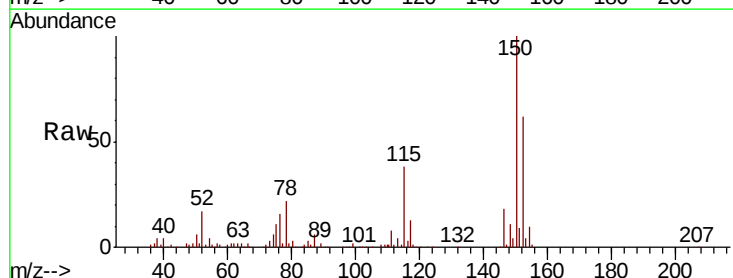
Tgt Ion:152 Resp: 184819

Ion Ratio Lower Upper

152 100

115 59.7 29.4 88.3

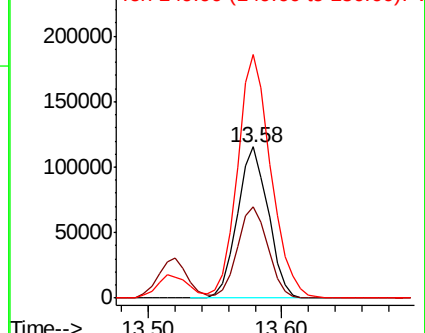
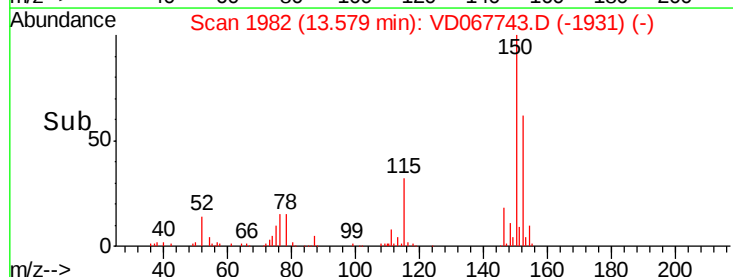
150 173.4 0.0 340.6

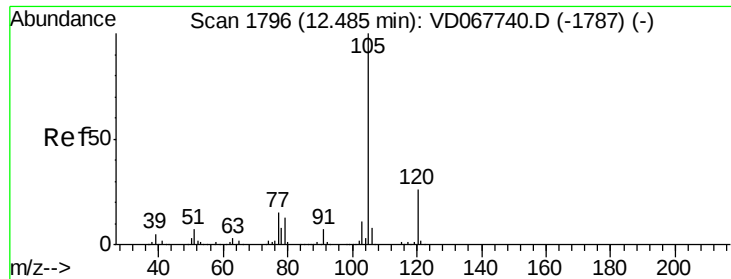


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.766 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

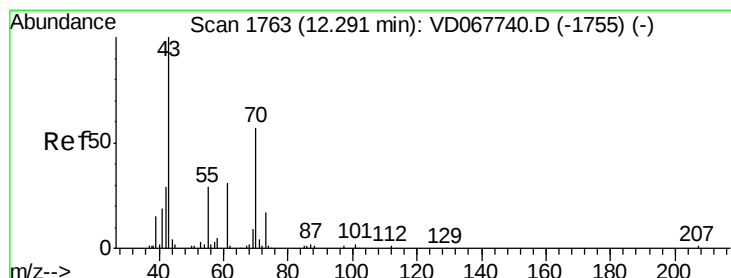
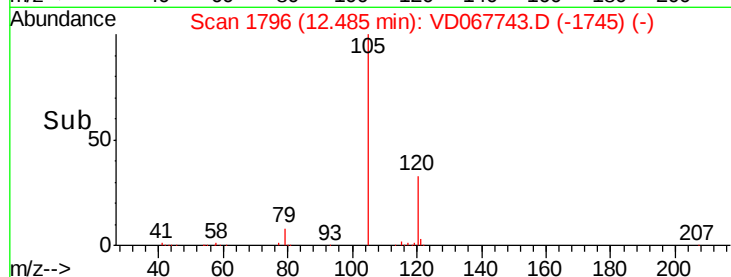
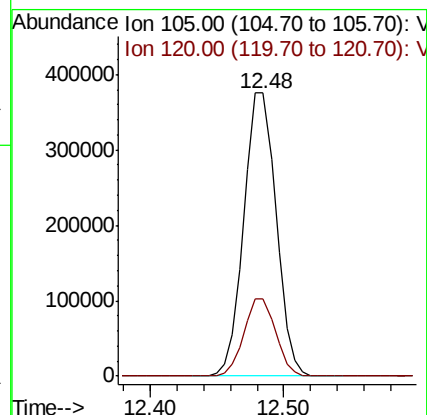
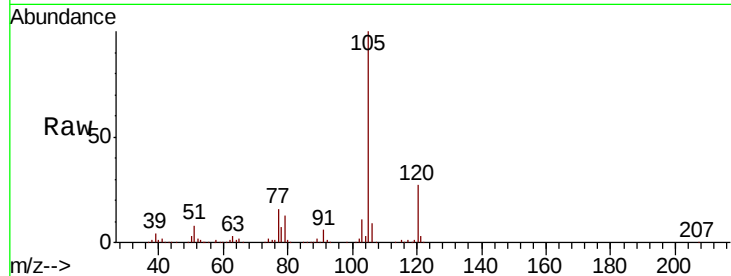
BFB

Tot Ion:105 Resp: 629495

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#74

N-ethyl acetate

Concen: 49.774 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Tgt Ion: 43 Resp: 79819

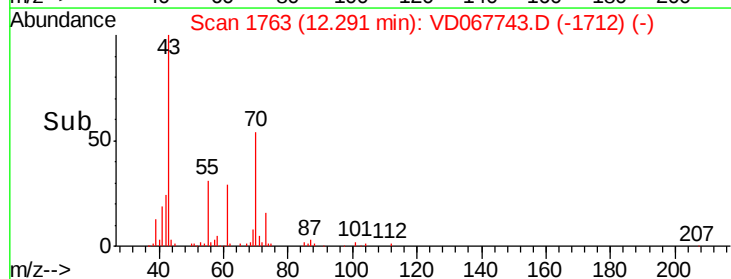
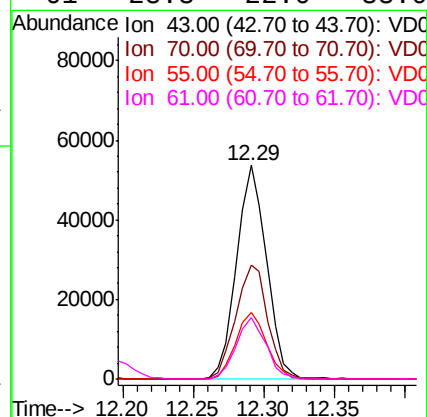
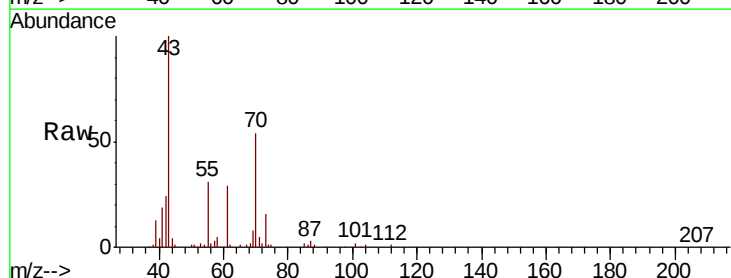
Ion Ratio Lower Upper

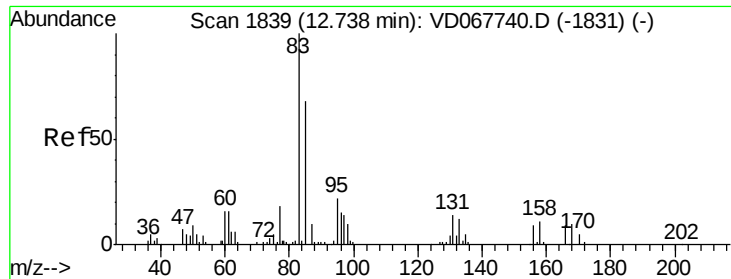
43 100

70 56.3 44.6 66.8

55 32.1 24.2 36.2

61 28.3 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.584 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampled :

BFB

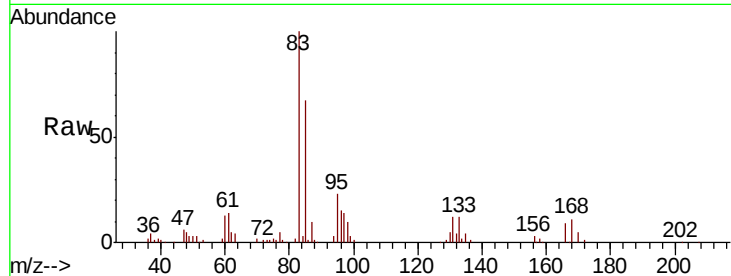
Tot Ion: 83 Resp: 79289

Ion Ratio Lower Upper

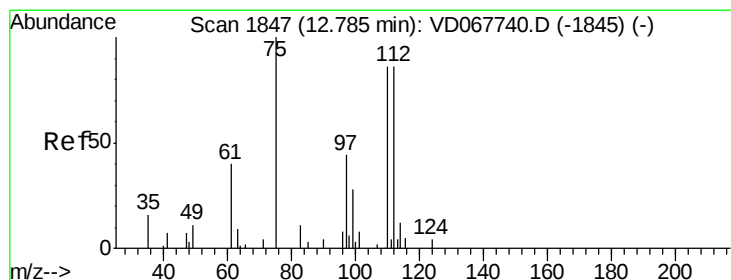
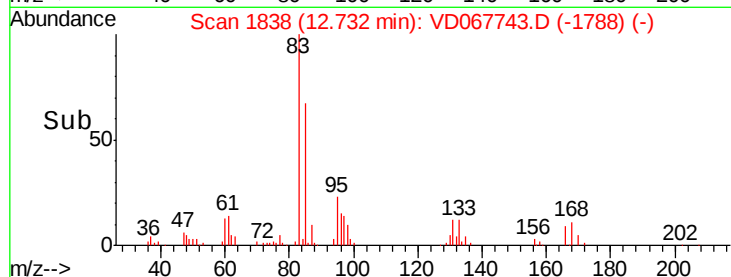
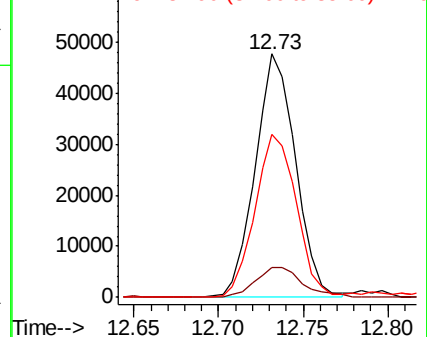
83 100

131 14.3 8.1 24.1

85 69.0 33.9 101.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 94.311 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067743.D

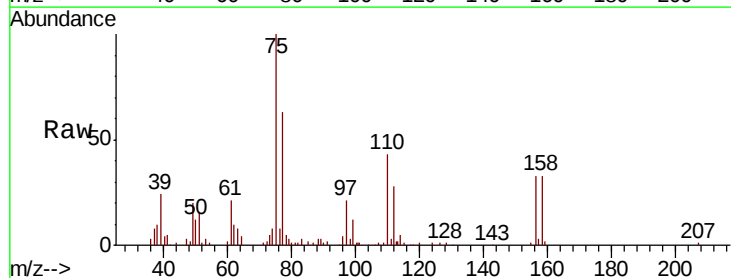
Acq: 23 Nov 2020 14:05

Tgt Ion: 75 Resp: 121482

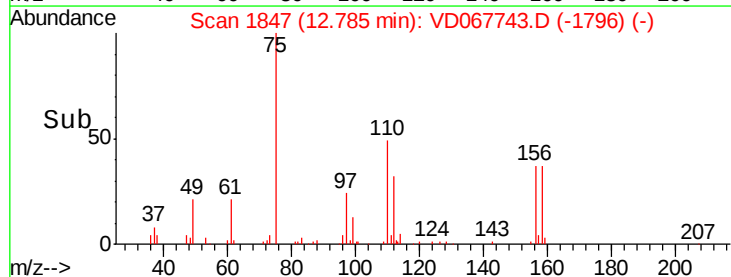
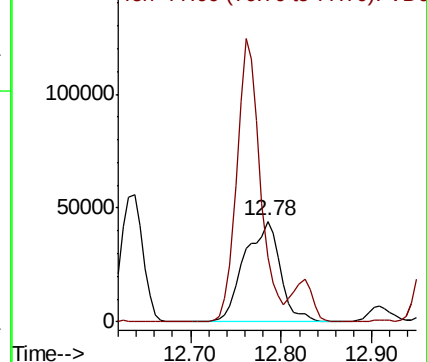
Ion Ratio Lower Upper

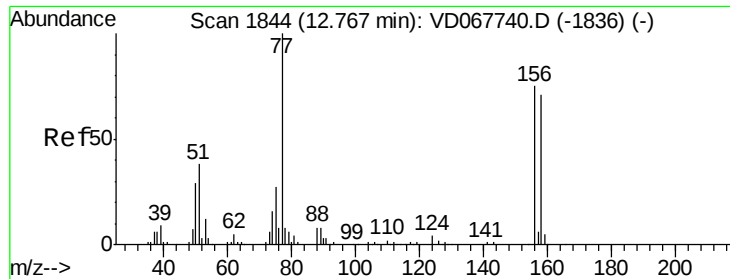
75 100

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: 50.692 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

BFB

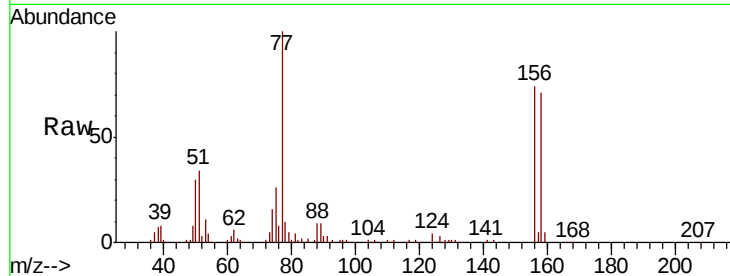
Tot Ion:156 Resp: 154307

Ion Ratio Lower Upper

156 100

77 146.3 73.5 220.3

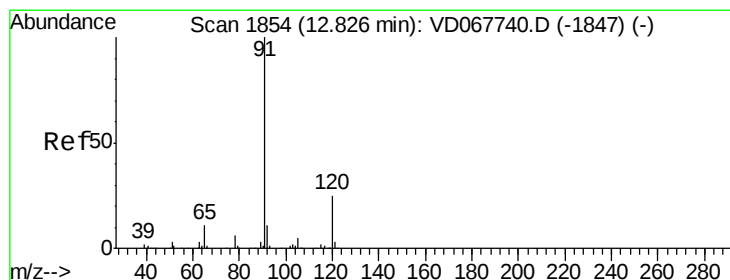
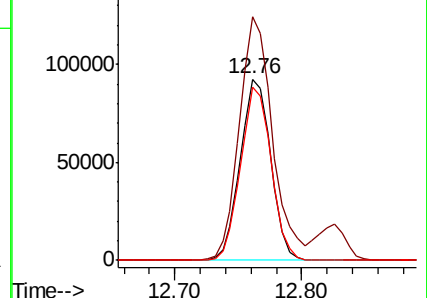
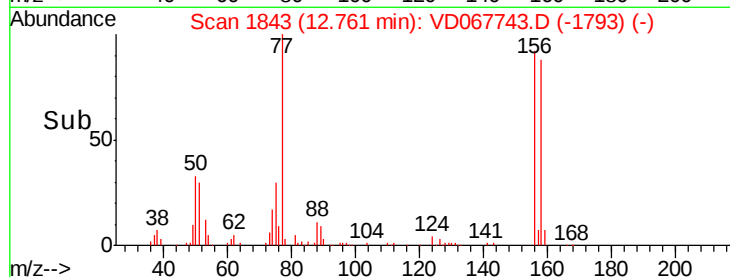
158 95.9 48.1 144.4



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: 52.258 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067743.D

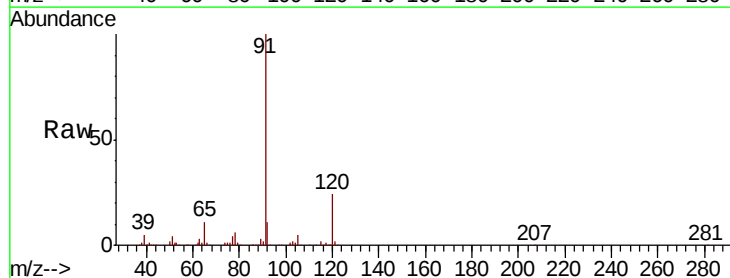
Acq: 23 Nov 2020 14:05

Tgt Ion: 91 Resp: 707002

Ion Ratio Lower Upper

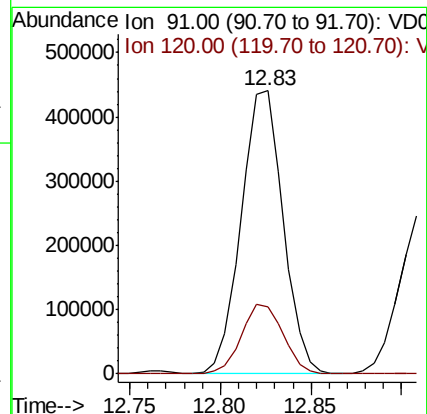
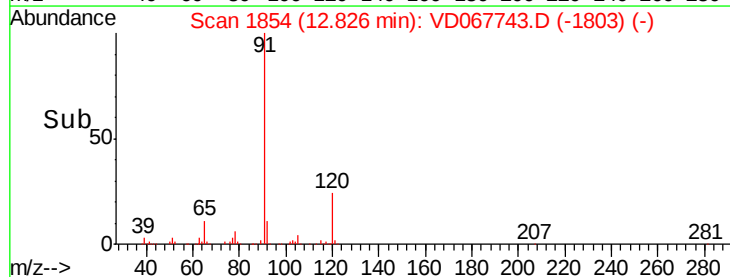
91 100

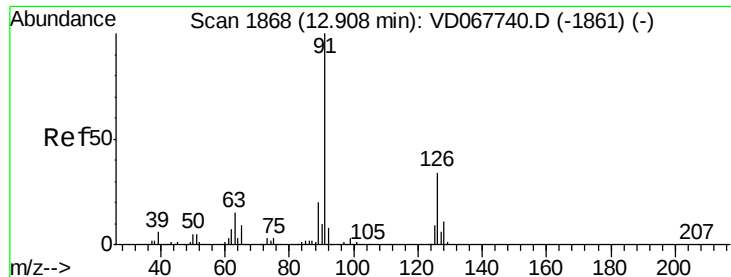
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.051 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampled :

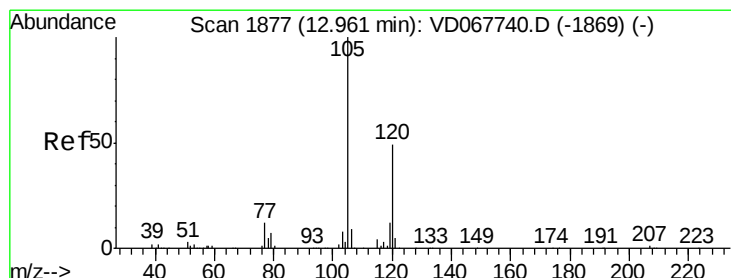
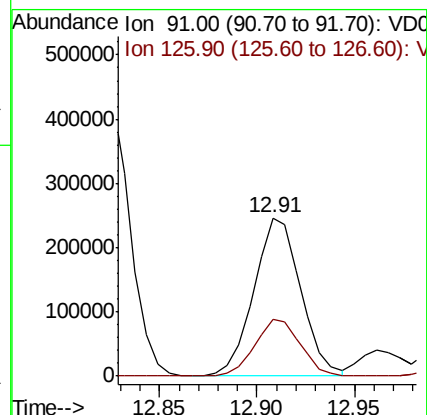
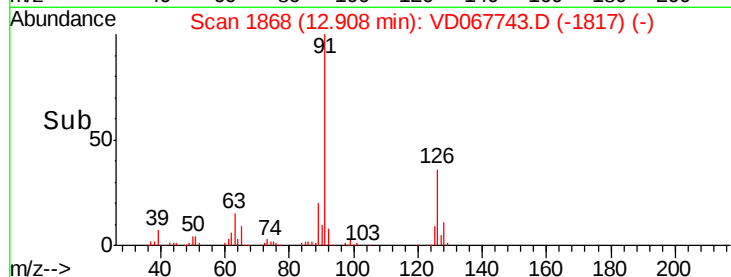
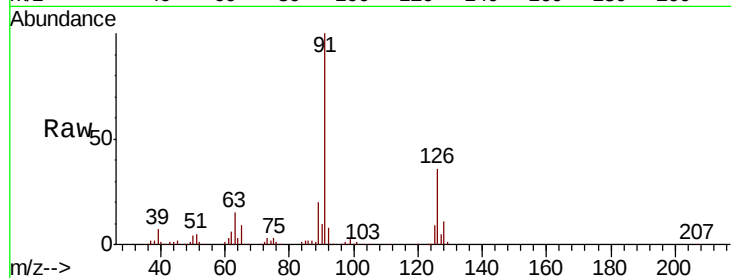
BFB

Tot Ion: 91 Resp: 408916

Ion Ratio Lower Upper

91 100

126 34.9 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 52.243 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067743.D

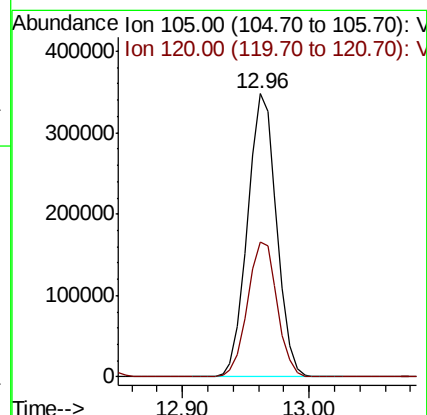
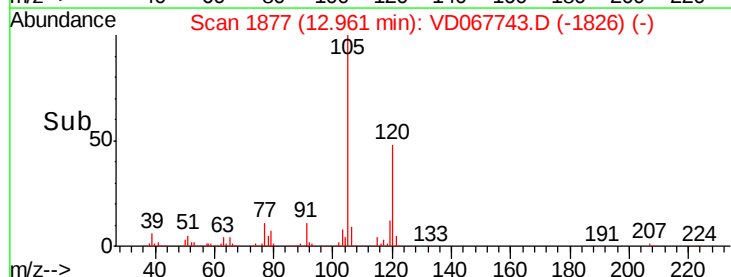
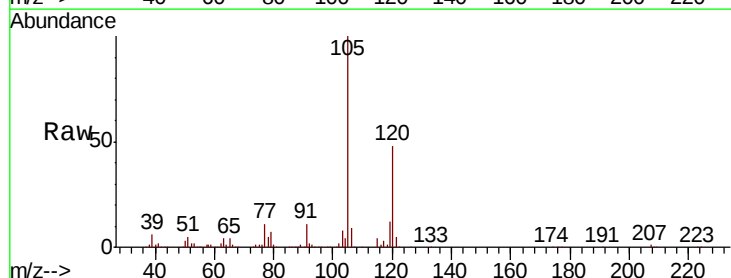
Acq: 23 Nov 2020 14:05

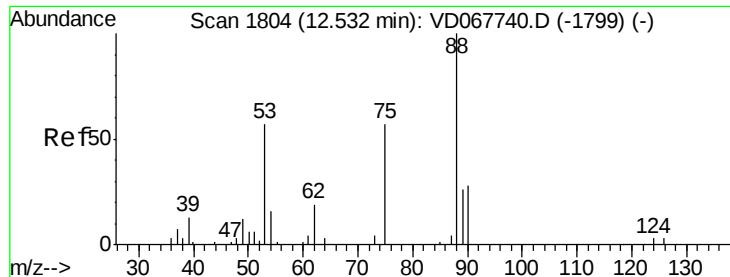
Tgt Ion:105 Resp: 552552

Ion Ratio Lower Upper

105 100

120 48.5 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 49.785 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

BFB

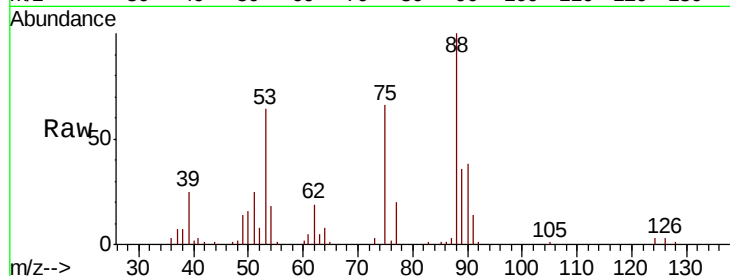
Tot Ion: 75 Resp: 27418

Ion Ratio Lower Upper

75 100

53 96.8 76.0 114.0

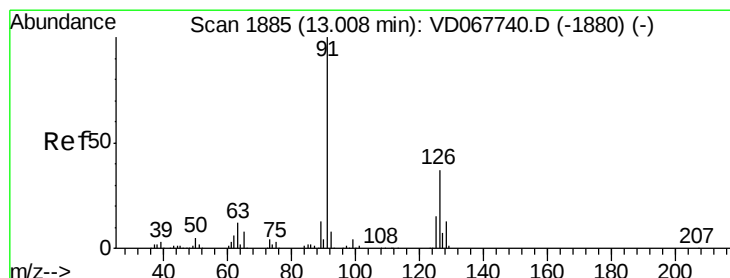
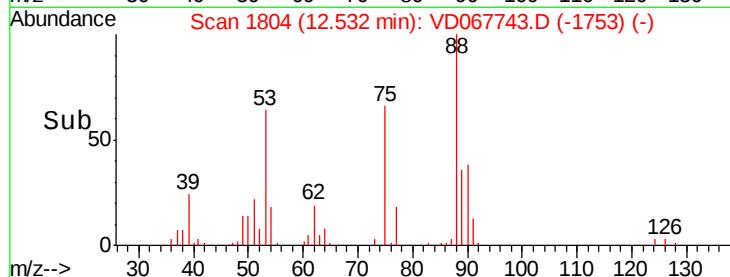
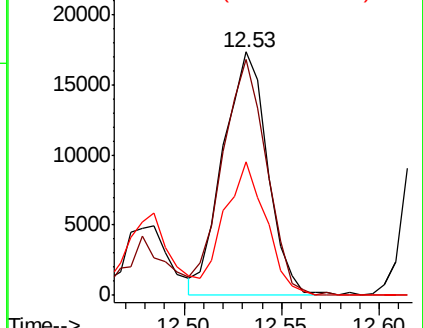
89 51.4 40.2 60.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 51.034 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067743.D

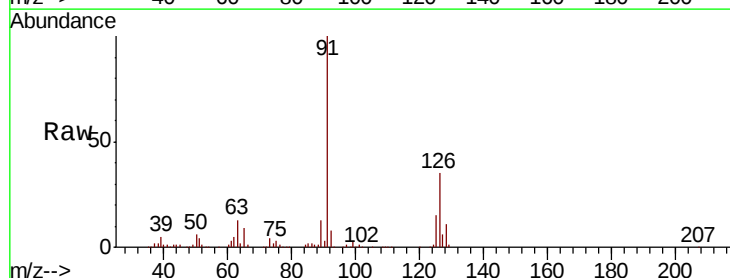
Acq: 23 Nov 2020 14:05

Tgt Ion: 91 Resp: 435571

Ion Ratio Lower Upper

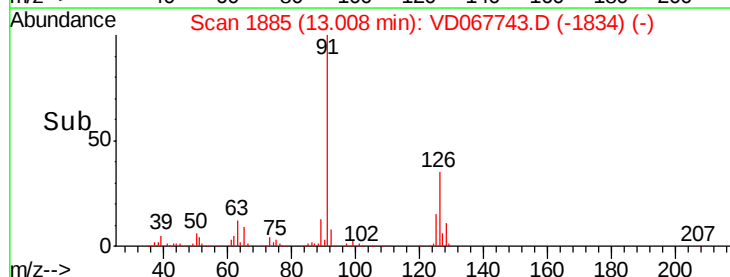
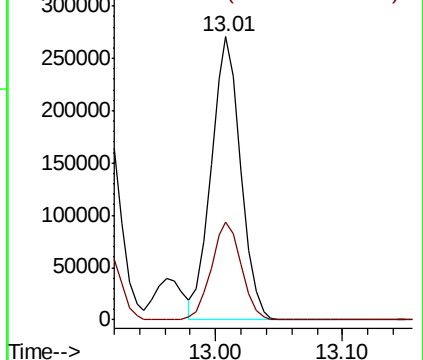
91 100

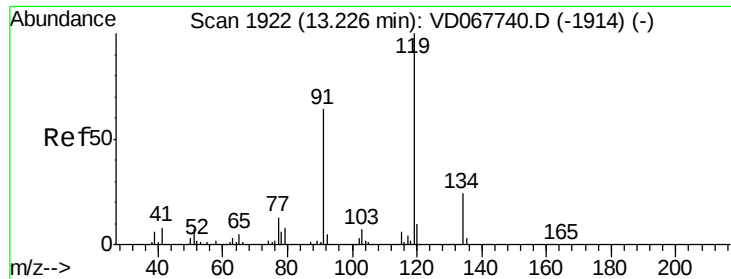
126 35.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

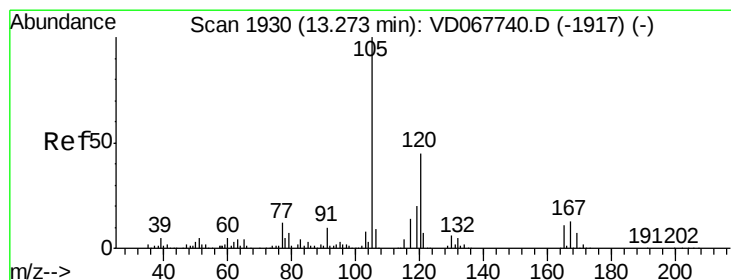
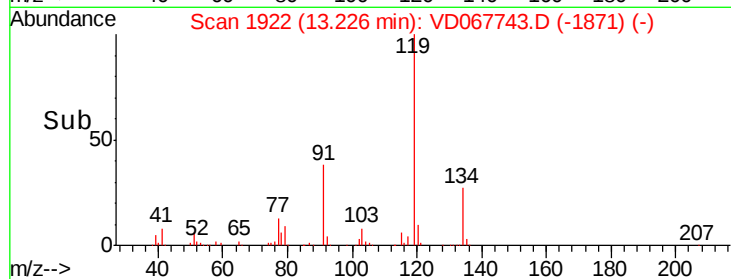
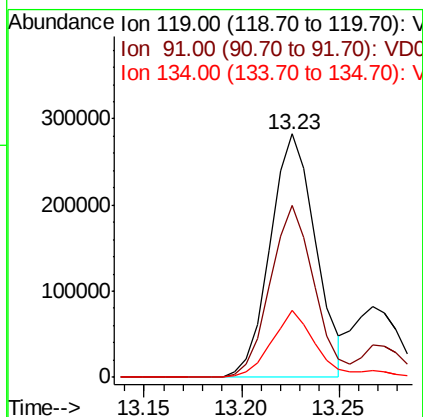
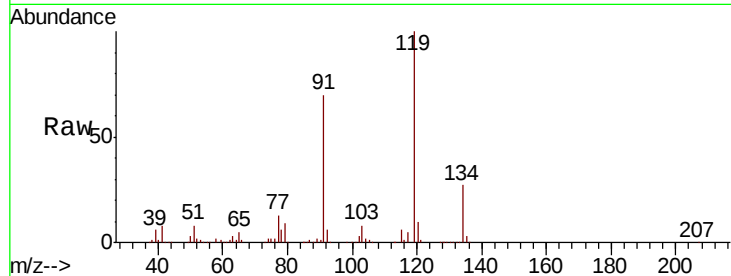




#83
tert-Butylbenzene
Concen: 50.107 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

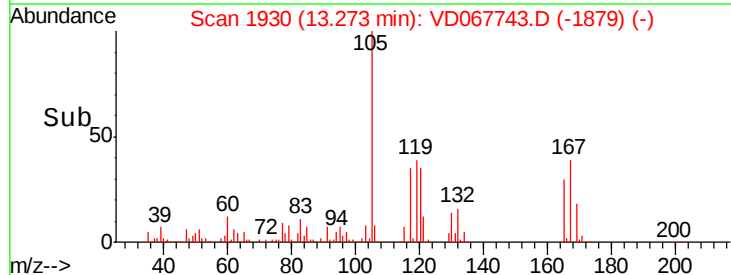
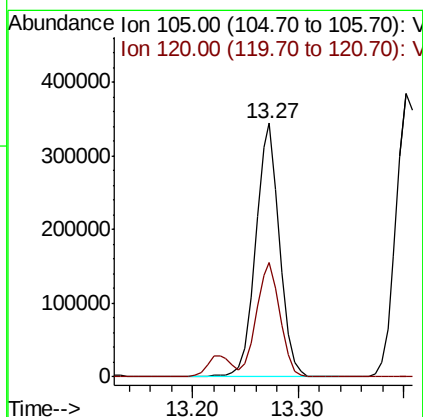
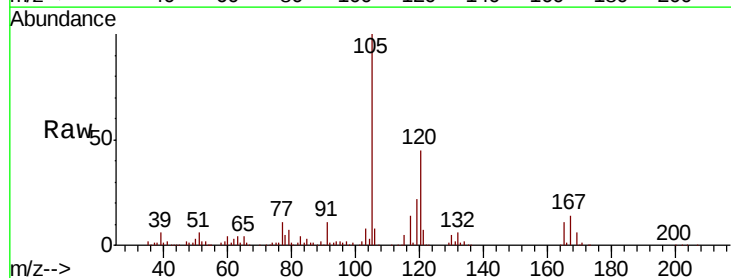
Instrument :
MSVOA_D
ClientSampleId :
BFB

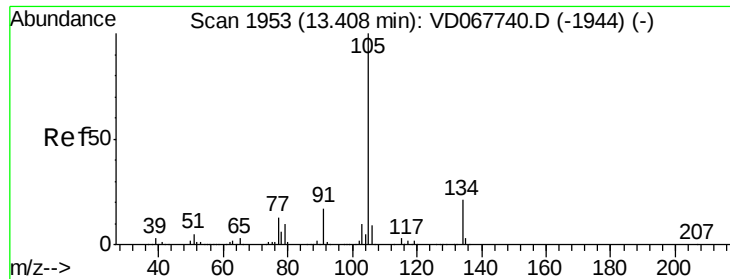
Tot Ion:119 Resp: 455401
Ion Ratio Lower Upper
119 100
91 68.7 32.9 98.7
134 27.8 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 51.240 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion:105 Resp: 541381
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.7

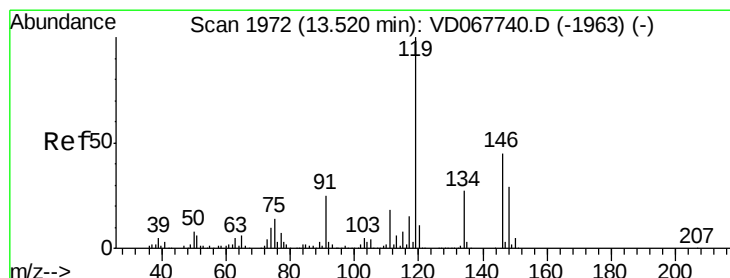
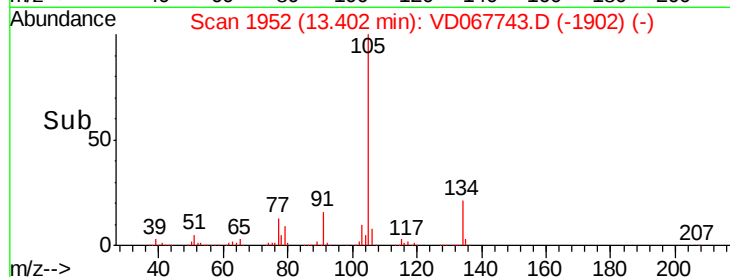
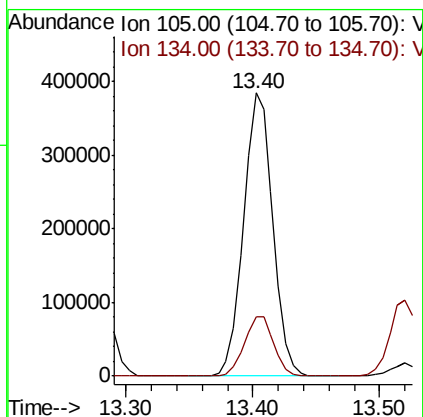
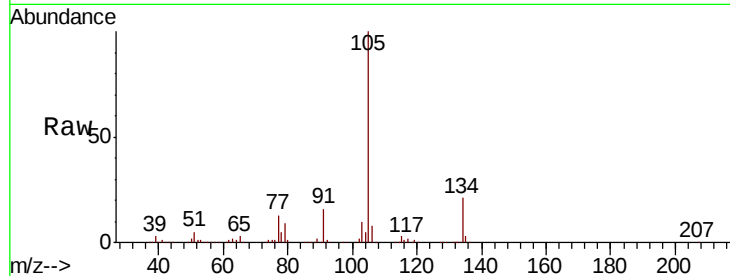




#85
 sec-Butylbenzene
 Concen: 51.379 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

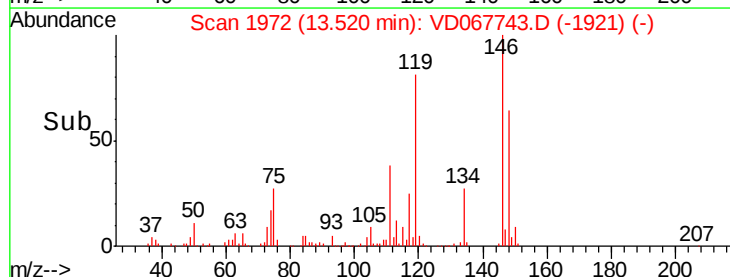
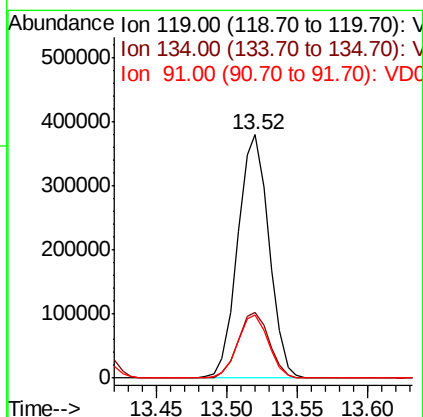
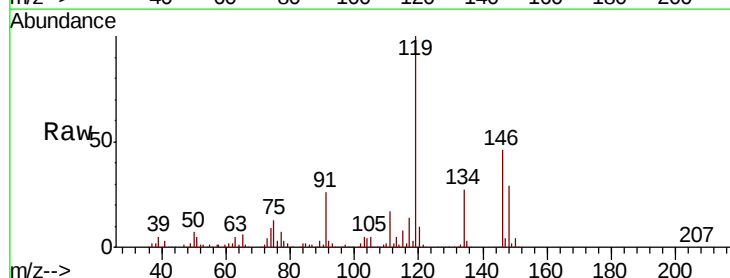
Instrument :
 MSVOA_D
 ClientSampleID :
 BFB

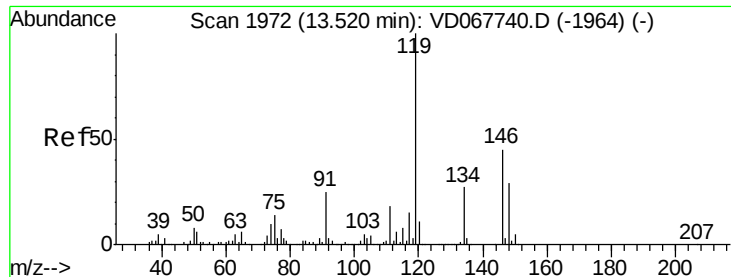
Tot Ion:105 Resp: 613464
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 50.888 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion:119 Resp: 588498
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.0 38.9
 91 25.7 12.7 38.1

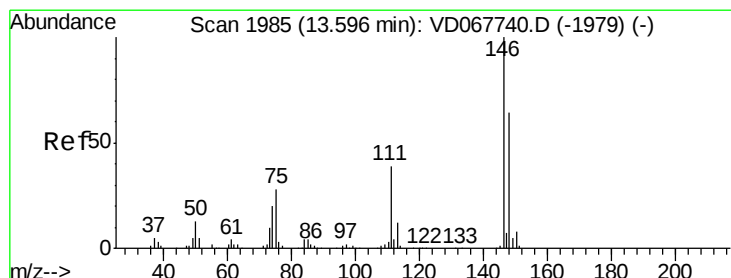
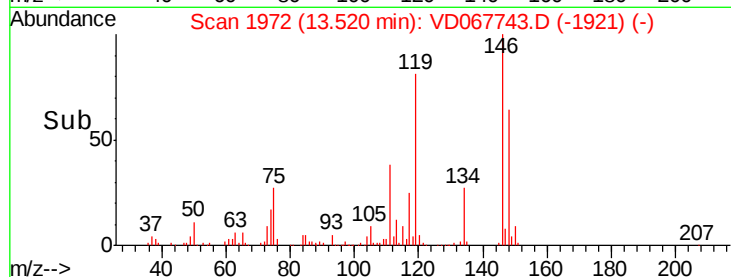
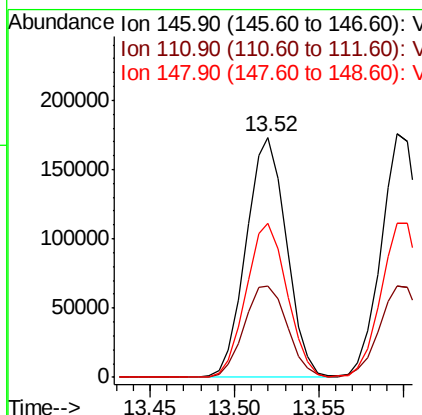
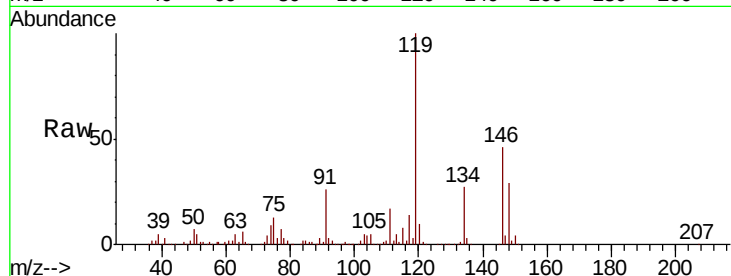




#87
 1,3-Dichlorobenzene
 Concen: 48.850 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

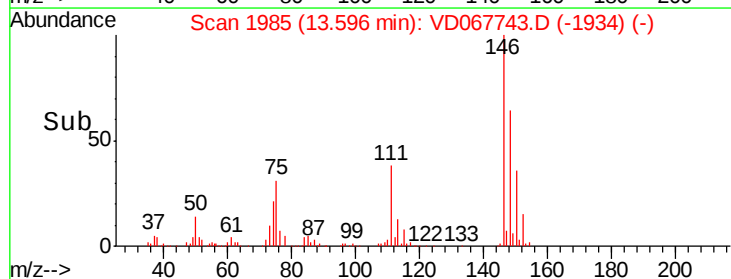
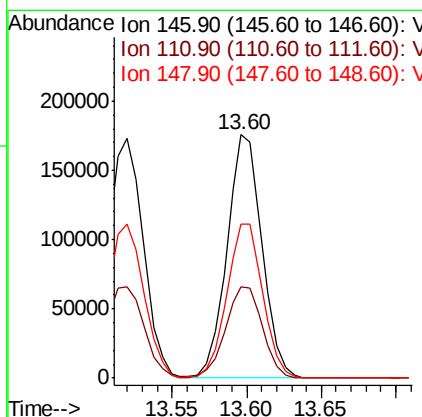
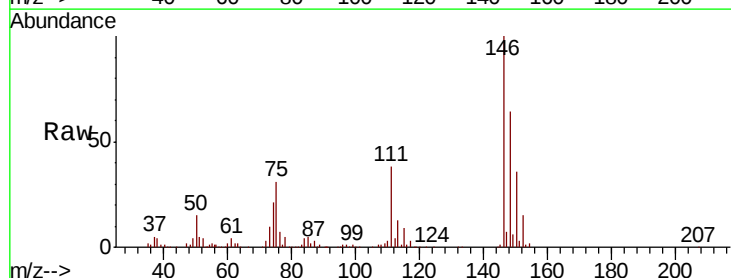
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

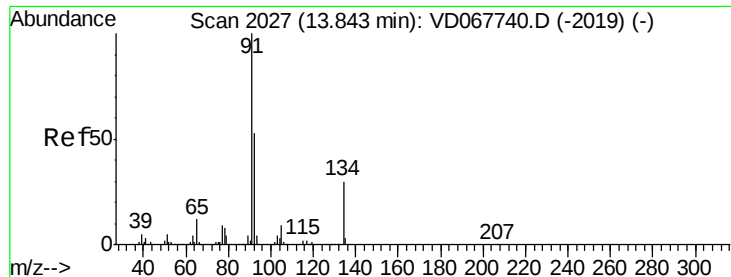
Tot Ion:146 Resp: 287790
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.2 60.6
 148 65.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 49.199 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion:146 Resp: 287119
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.4
 148 65.0 31.6 94.8





#89

n-Butylbenzene

Concen: 51.856 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. 0.00 min

Lab File: VD067743.D

Acq: 23 Nov 2020 14:05

Instrument :

MSVOA_D

ClientSampleId :

BFB

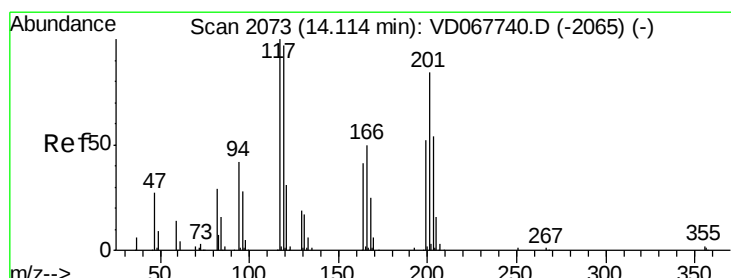
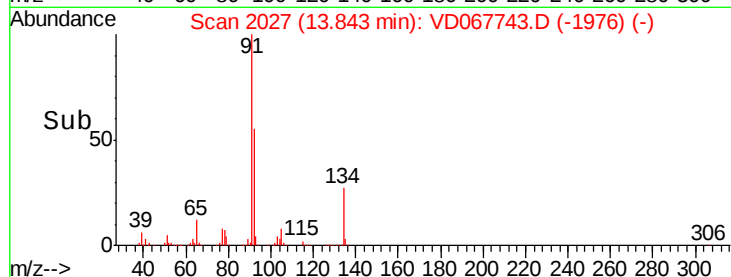
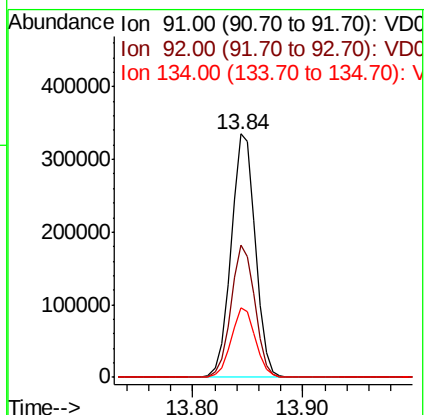
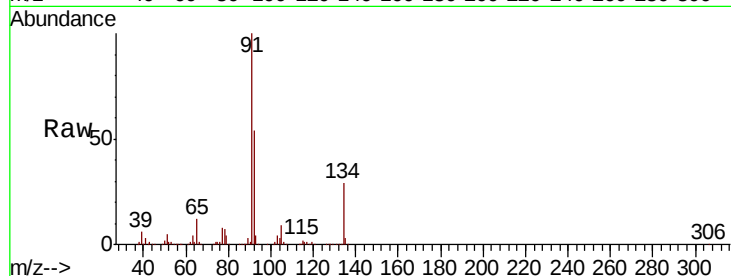
Tot Ion: 91 Resp: 513911

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 28.7 14.8 44.3



#90

Hexachloroethane

Concen: 50.553 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VD067743.D

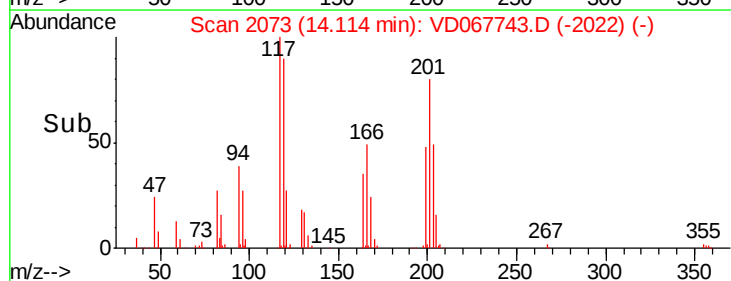
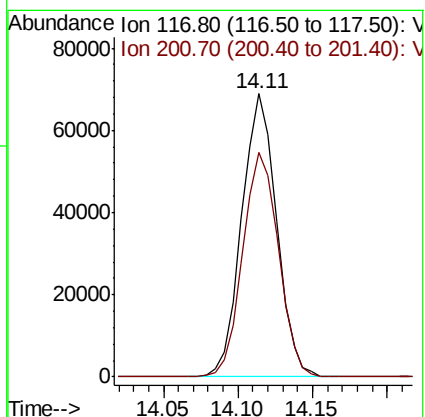
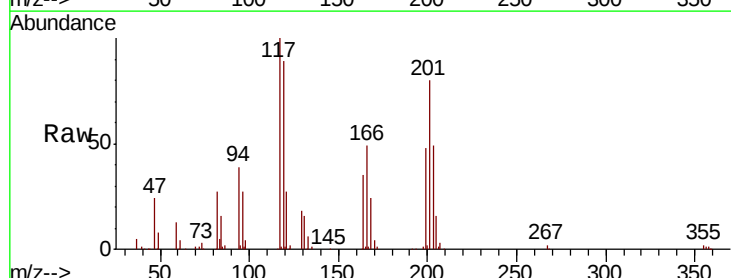
Acq: 23 Nov 2020 14:05

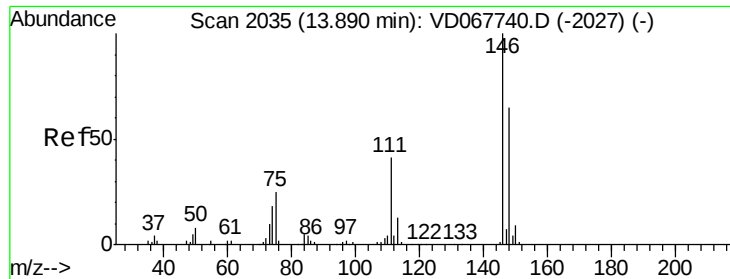
Tgt Ion: 117 Resp: 111293

Ion Ratio Lower Upper

117 100

201 81.4 42.2 126.6

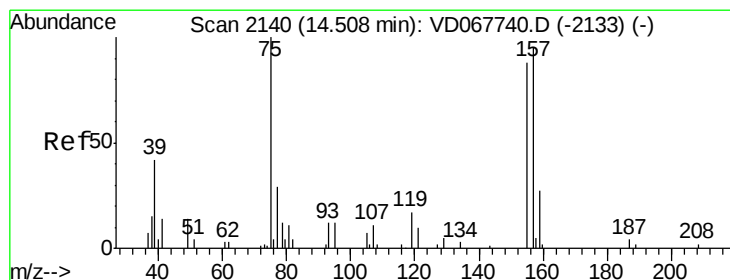
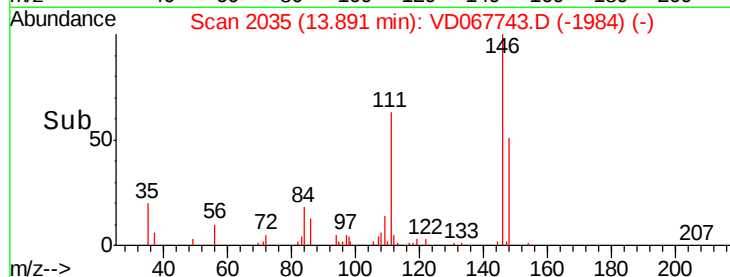
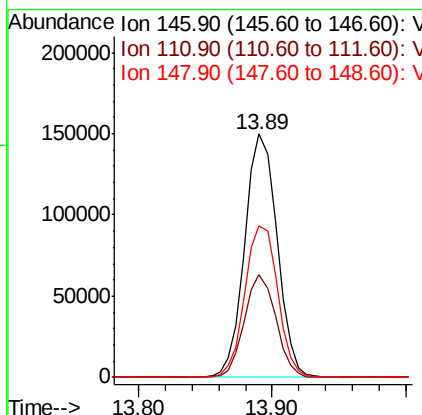
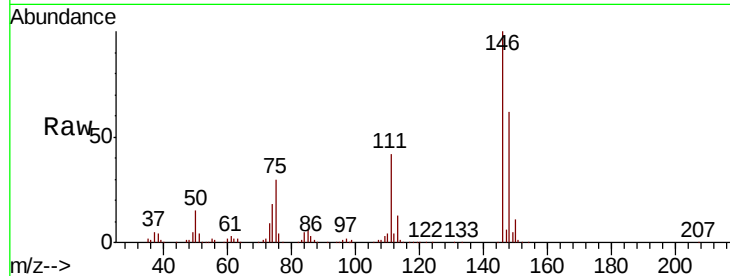




#91
 1,2-Dichlorobenzene
 Concen: 49.454 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

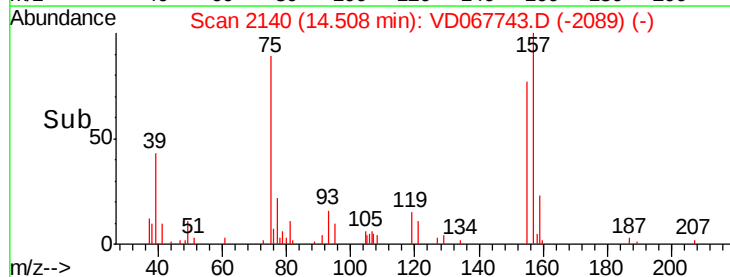
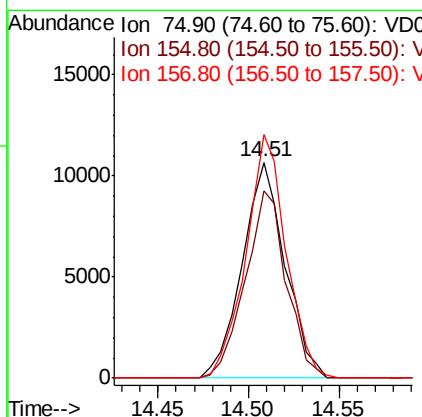
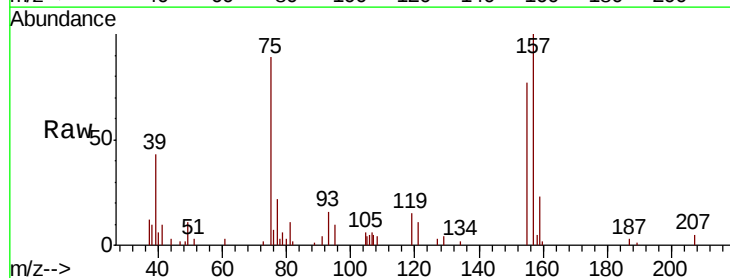
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

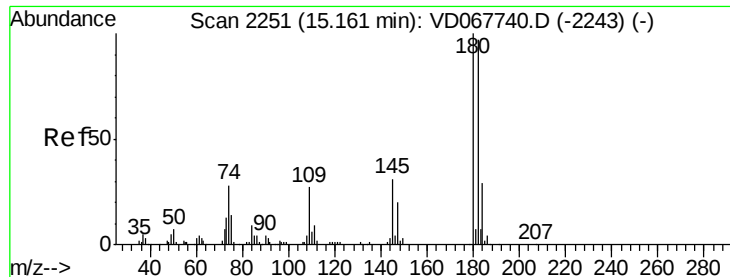
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.5
148	63.2	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.008 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	41.0	123.0
157	105.3	51.1	153.4

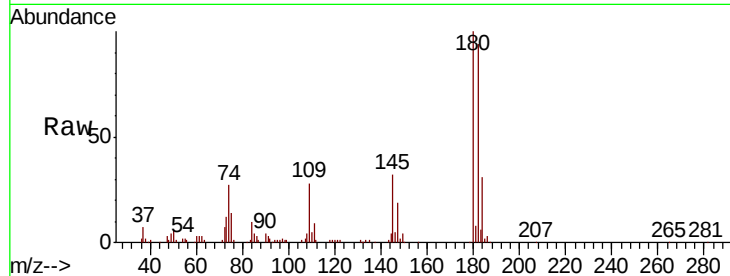




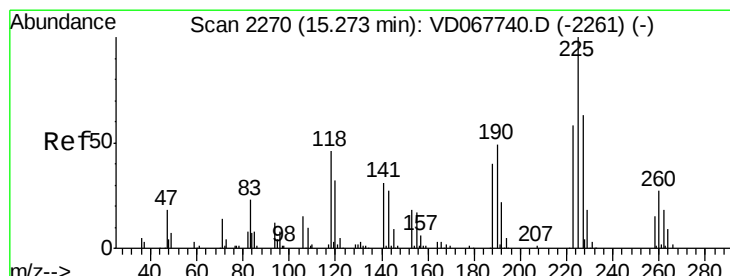
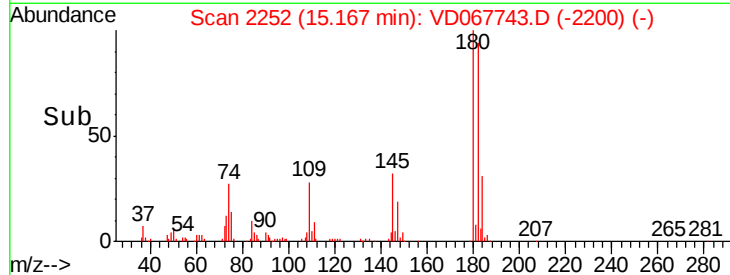
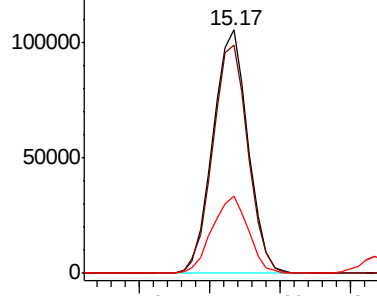
#93
 1,2,4-Trichlorobenzene
 Concen: 50.965 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	32.4	16.1	48.3

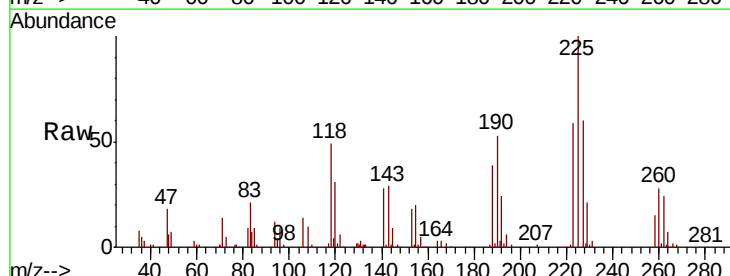


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

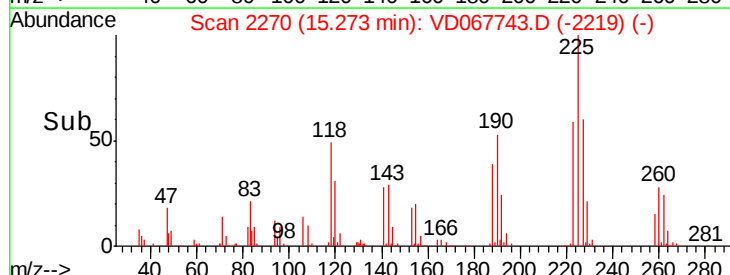
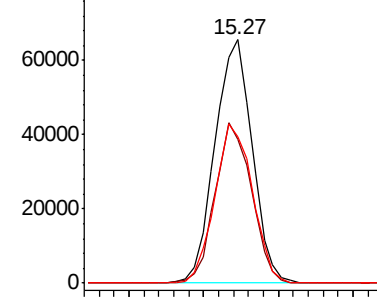


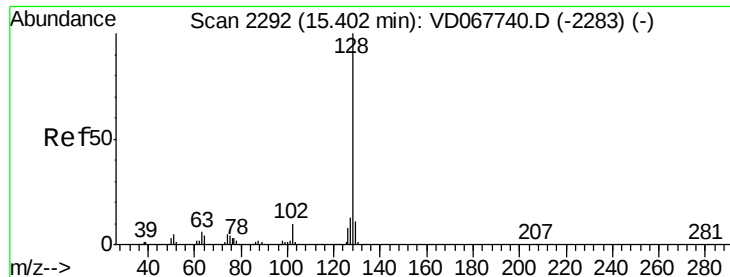
#94
 Hexachlorobutadiene
 Concen: 49.389 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067743.D
 Acq: 23 Nov 2020 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.5	94.5
227	65.8	32.9	98.7



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

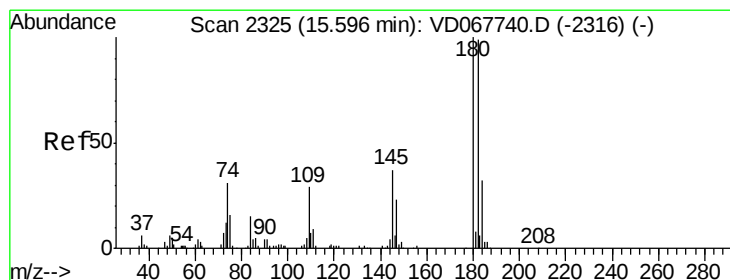
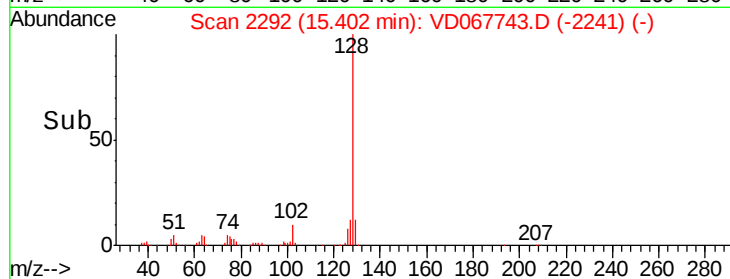
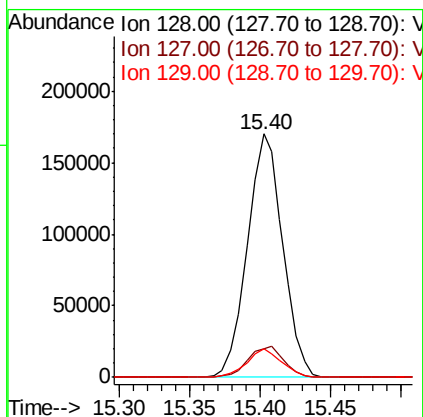
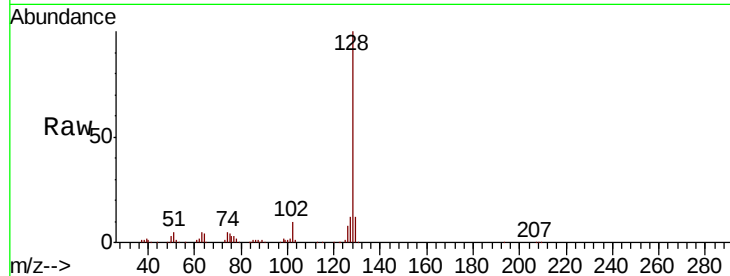




#95
Naphthalene
Concen: 51.328 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion:128 Resp: 298500
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.203 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067743.D
Acq: 23 Nov 2020 14:05

Tgt Ion:180 Resp: 156724
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 34.8 16.8 50.4

