

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065926.D
 Acq On : 07 Jul 2020 17:17
 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: Jul 08 09:47:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	438536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	662601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	608868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	185765	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	7.91	113	201051	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.34	98	731260	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.64	95	256622	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	162473	41.675	ug/l	96
3) Chloromethane	2.21	50	167079	43.231	ug/l	99
4) Vinyl Chloride	2.35	62	156204	44.019	ug/l	97
5) Bromomethane	2.77	94	101358	45.092	ug/l	87
6) Chloroethane	2.93	64	93848	44.242	ug/l	92
7) Trichlorofluoromethane	3.27	101	347799	45.730	ug/l	98
8) Diethyl Ether	3.71	74	99292	47.588	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	207261	45.559	ug/l	98
10) Methyl Iodide	4.30	142	228413	47.786	ug/l	99
11) Tert butyl alcohol	5.22	59	62848	258.235	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	199101	46.847	ug/l	97
13) Acrolein	3.93	56	45166	229.449	ug/l	100
14) Allyl chloride	4.71	41	347419	48.237	ug/l	99
15) Acrylonitrile	5.42	53	224628	245.887	ug/l	98
16) Acetone	4.15	43	199215	218.721	ug/l	99
17) Carbon Disulfide	4.41	76	627614	46.346	ug/l	100
18) Methyl Acetate	4.72	43	98232	46.009	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	448369	49.831	ug/l	98
20) Methylene Chloride	4.97	84	246867	49.049	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	229497	47.995	ug/l	96
22) Diisopropyl ether	6.36	45	659892	48.754	ug/l	96
23) Vinyl Acetate	6.30	43	1915000	247.871	ug/l	99
24) 1,1-Dichloroethane	6.27	63	380855	47.189	ug/l	97
25) 2-Butanone	7.21	43	280738	233.257	ug/l	99
26) 2,2-Dichloropropane	7.21	77	325221	46.062	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	248836	48.433	ug/l	99
28) Bromochloromethane	7.55	49	140838	46.194	ug/l	98
29) Tetrahydrofuran	7.57	42	181883	237.656	ug/l	98
30) Chloroform	7.71	83	384969	47.050	ug/l	100
31) Cyclohexane	7.99	56	360610	45.411	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	353037	47.281	ug/l	99
36) 1,1-Dichloropropene	8.11	75	309165	47.243	ug/l	99
37) Ethyl Acetate	7.30	43	131480	47.950	ug/l #	97
38) Carbon Tetrachloride	8.10	117	328018	46.764	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	394322	49.080	ug/l	99
40) Benzene	8.35	78	859956	47.566	ug/l	100
41) Methacrylonitrile	7.56	41	181247	113.850	ug/l #	25
42) 1,2-Dichloroethane	8.43	62	237370	46.346	ug/l	100
43) Isopropyl Acetate	8.46	43	251249	49.227	ug/l	99
44) Trichloroethene	9.11	130	250829	47.220	ug/l	100
45) 1,2-Dichloropropane	9.39	63	214840	47.879	ug/l	99
46) Dibromomethane	9.47	93	110265	47.200	ug/l	98
47) Bromodichloromethane	9.66	83	299099	47.730	ug/l	97
48) Methyl methacrylate	9.46	41	127861	49.763	ug/l	99
49) 1,4-Dioxane	9.46	88	28229	1016.974	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	625779	242.518	ug/l	100
52) Toluene	10.40	92	559090	48.609	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	286001	48.538	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	347732	48.840	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	153307	47.630	ug/l	96
56) Ethyl methacrylate	10.66	69	199867	50.840	ug/l	98
57) 1,3-Dichloropropane	10.95	76	272316	48.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	464298	243.863	ug/l	99
59) 2-Hexanone	10.98	43	430615	242.655	ug/l	100
60) Dibromochloromethane	11.14	129	208601	47.436	ug/l	100
61) 1,2-Dibromoethane	11.25	107	153602	47.863	ug/l	100
64) Tetrachloroethene	10.88	164	211827	47.840	ug/l	92
65) Chlorobenzene	11.67	112	593980	48.409	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	216956	47.275	ug/l	98
67) Ethyl Benzene	11.75	91	1055224	48.410	ug/l	100
68) m/p-Xylenes	11.86	106	797535	96.303	ug/l	97
69) o-Xylene	12.18	106	374277	49.612	ug/l	99
70) Styrene	12.20	104	643557	49.417	ug/l	99
71) Bromoform	12.36	173	124101	47.790	ug/l #	98
73) Isopropylbenzene	12.48	105	1026731	49.653	ug/l	99
74) N-amyl acetate	12.29	43	229239	49.404	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	165343	48.163	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	215833	86.838	ug/l #	100
77) Bromobenzene	12.76	156	248322	49.512	ug/l	97
78) n-propylbenzene	12.82	91	1189845	49.080	ug/l	99
79) 2-Chlorotoluene	12.91	91	671915	48.855	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	844473	49.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	54877	47.442	ug/l	98
82) 4-Chlorotoluene	13.01	91	697171	48.315	ug/l	99
83) tert-Butylbenzene	13.23	119	724589	50.285	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	832248	49.433	ug/l	100
85) sec-Butylbenzene	13.40	105	1013153	49.613	ug/l	99
86) p-Isopropyltoluene	13.52	119	937178	50.175	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	453643	48.338	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	449436	48.003	ug/l	100
89) n-Butylbenzene	13.84	91	859834	49.021	ug/l	100
90) Hexachloroethane	14.11	117	181226	48.114	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	389376	47.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27020	47.070	ug/l	95

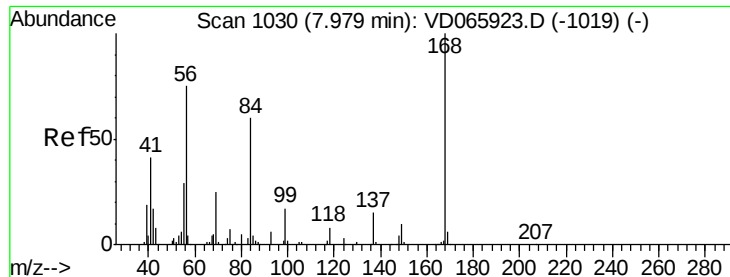
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
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Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	288537	49.357	ug/l	98
94) Hexachlorobutadiene	15.27	225	172836	48.876	ug/l	99
95) Naphthalene	15.40	128	499641	50.960	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	250704	49.718	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

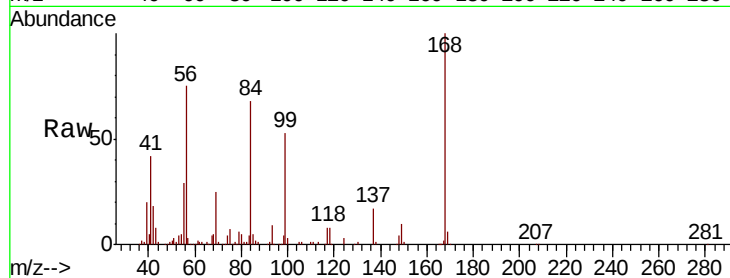
BFB

Tot Ion:168 Resp: 438536

Ion Ratio Lower Upper

168 100

99 52.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

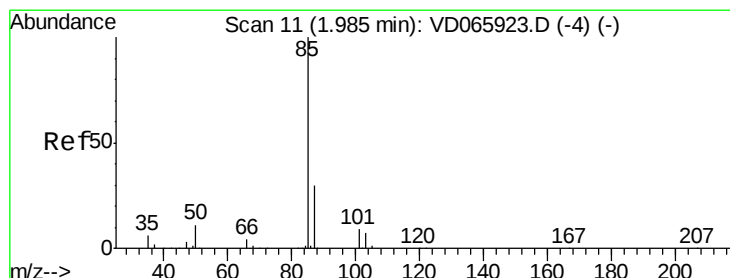
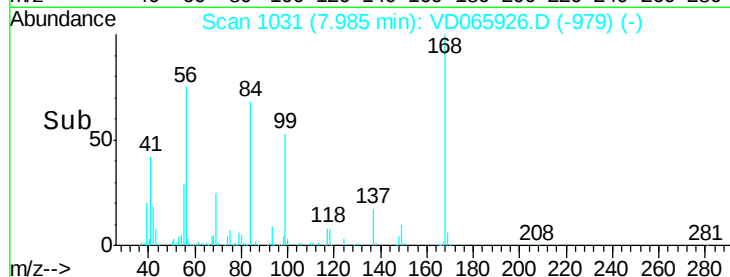
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.675 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065926.D

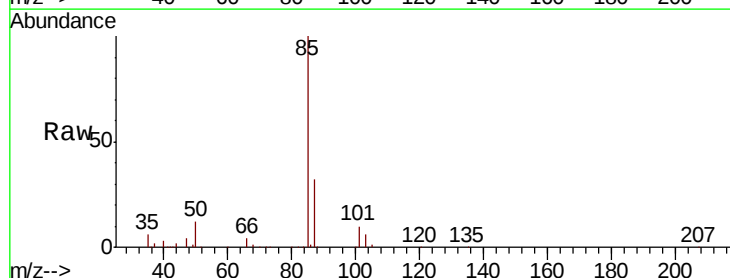
Acq: 07 Jul 2020 17:17

Tgt Ion: 85 Resp: 162473

Ion Ratio Lower Upper

85 100

87 32.3 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

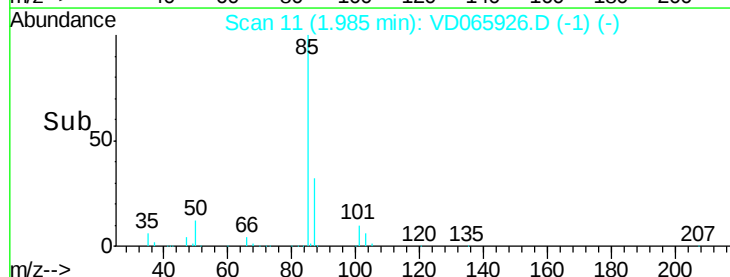
1.99

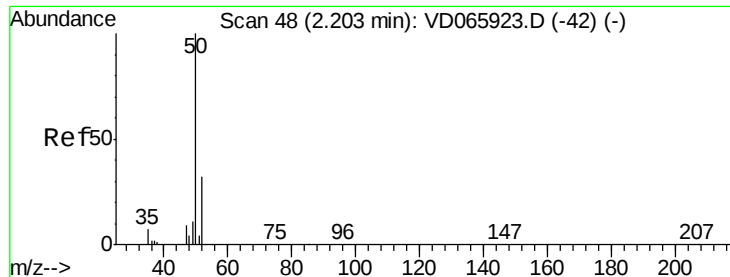
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.231 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

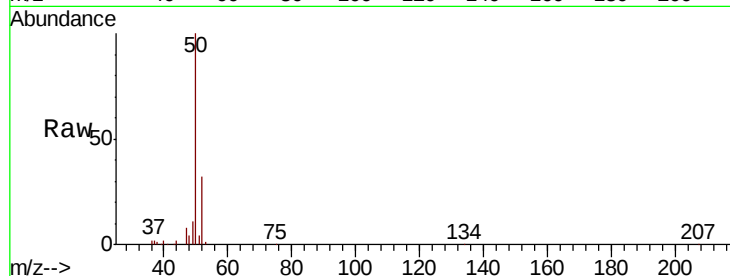
BFB

Tot Ion: 50 Resp: 167079

Ion Ratio Lower Upper

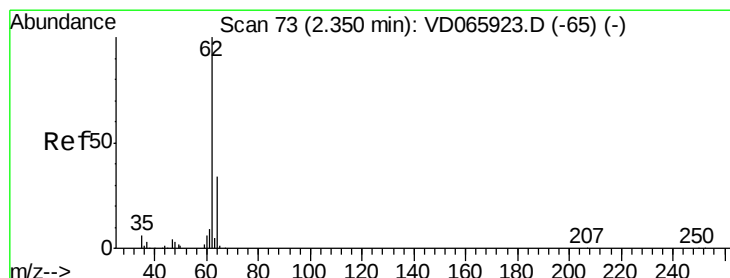
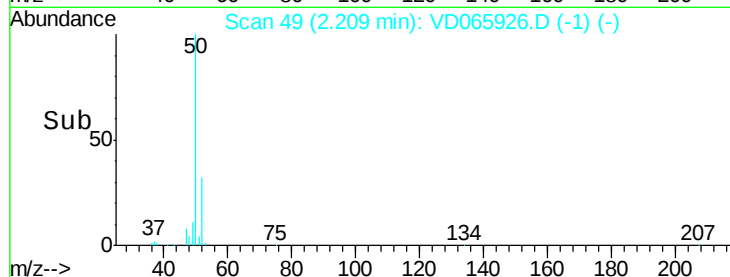
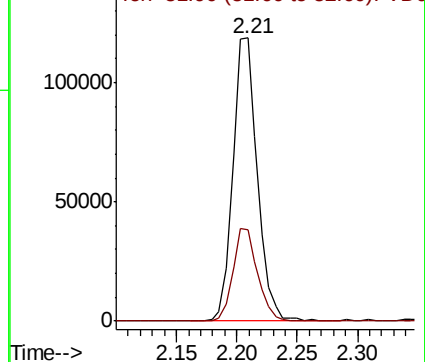
50 100

52 32.5 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.019 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065926.D

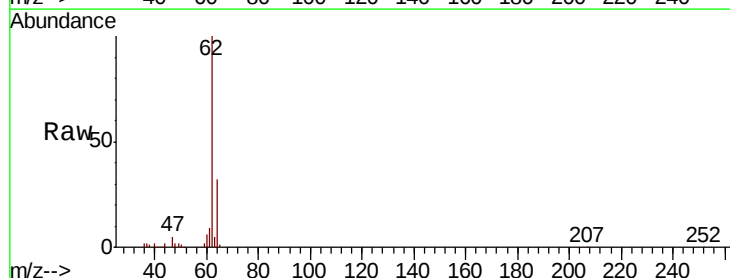
Acq: 07 Jul 2020 17:17

Tgt Ion: 62 Resp: 156204

Ion Ratio Lower Upper

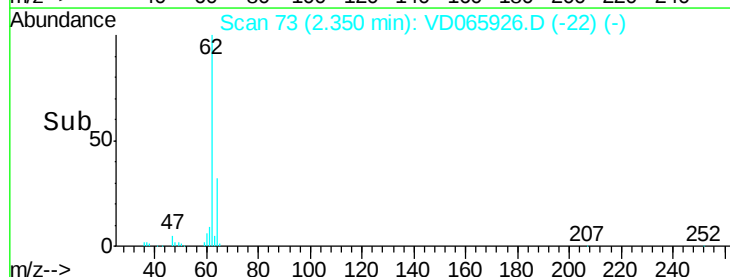
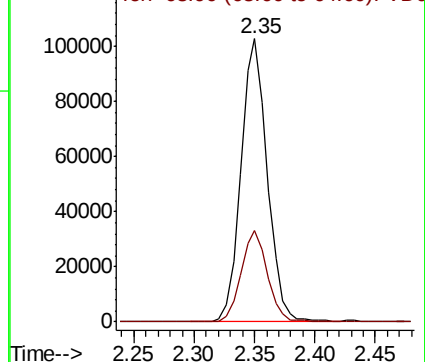
62 100

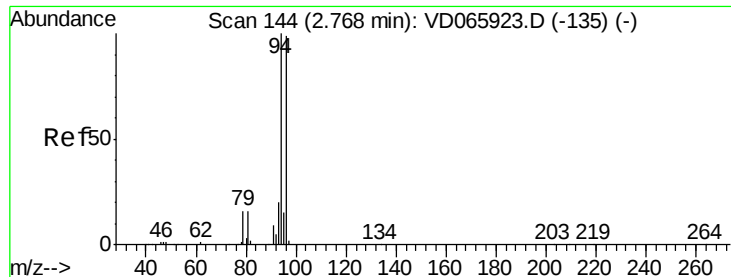
64 32.1 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 45.092 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

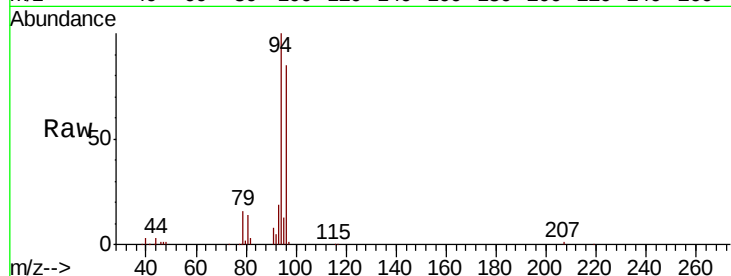
BFB

Tot Ion: 94 Resp: 101358

Ion Ratio Lower Upper

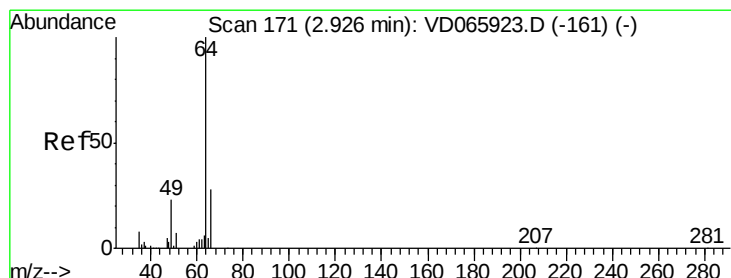
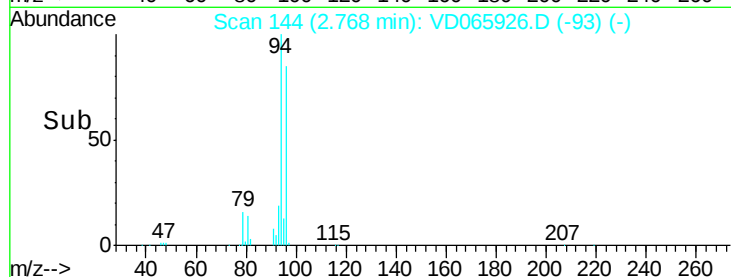
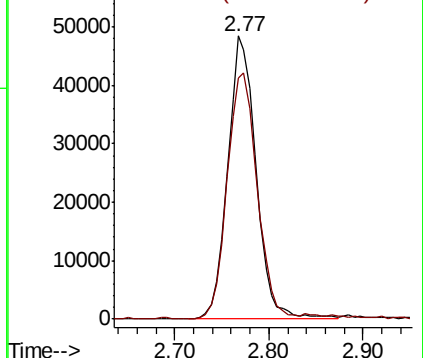
94 100

96 85.3 78.8 118.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.242 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065926.D

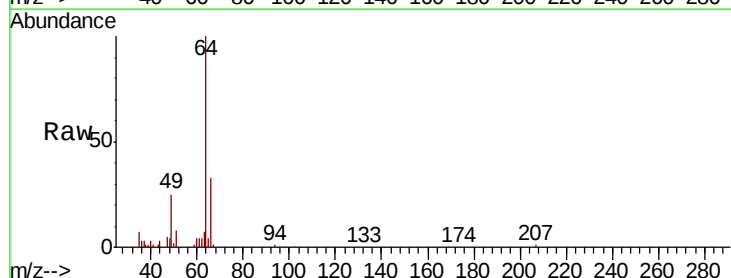
Acq: 07 Jul 2020 17:17

Tgt Ion: 64 Resp: 93848

Ion Ratio Lower Upper

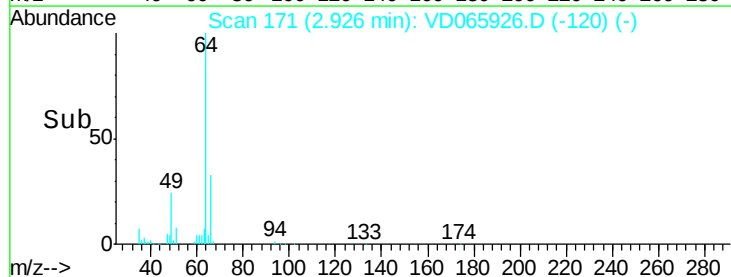
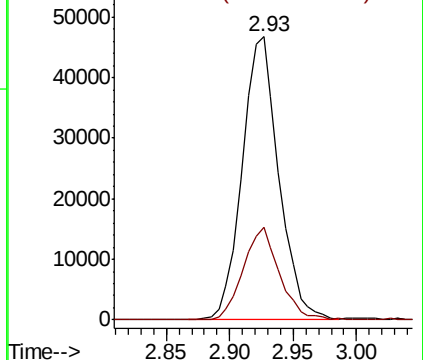
64 100

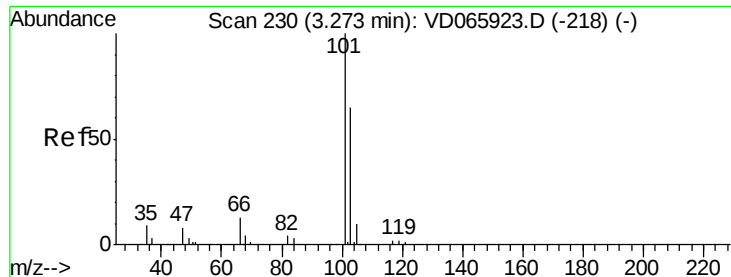
66 32.5 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



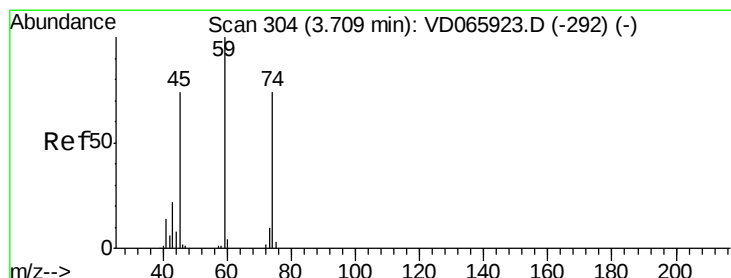
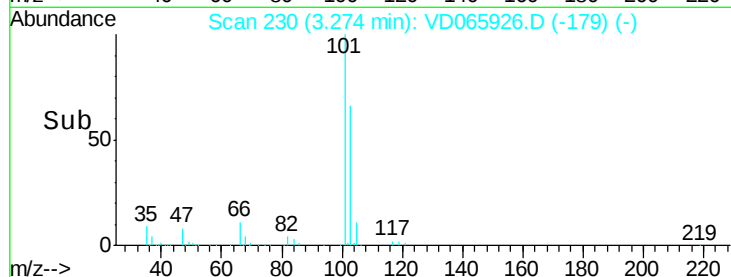
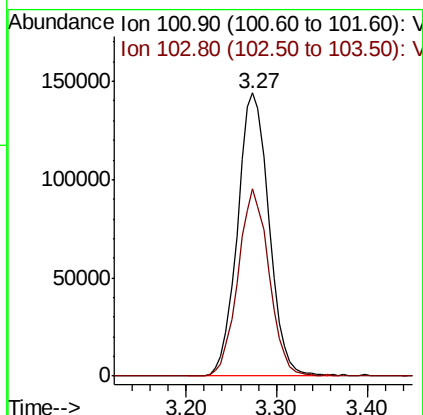
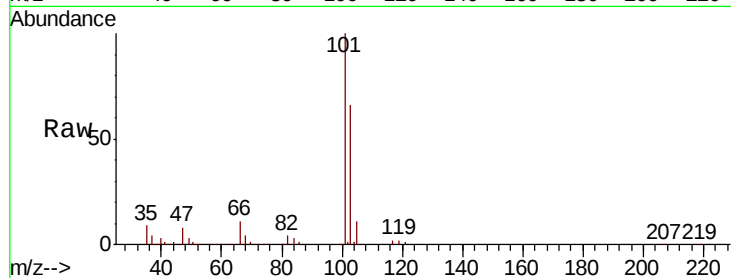


#7

Trichlorofluoromethane
 Concen: 45.730 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Instrument :
 MSVOA_D
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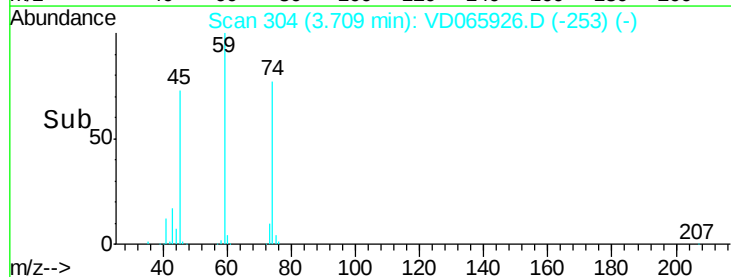
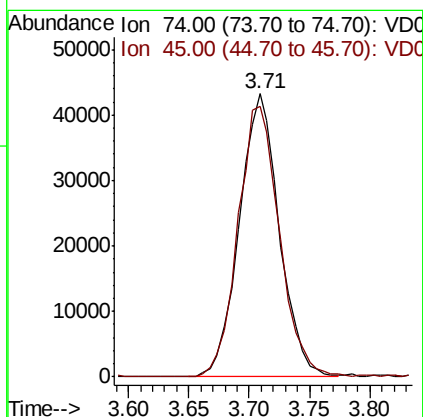
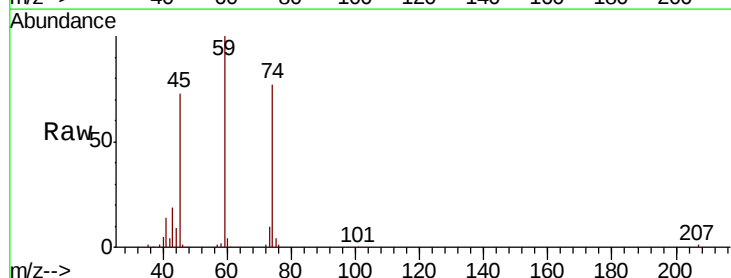
Tot Ion:101 Resp: 347799
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.7 77.5

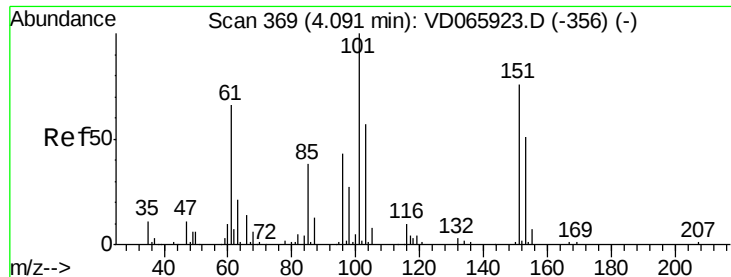


#8

Diethyl Ether
 Concen: 47.588 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion: 74 Resp: 99292
 Ion Ratio Lower Upper
 74 100
 45 99.7 51.1 153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.559 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

BFB

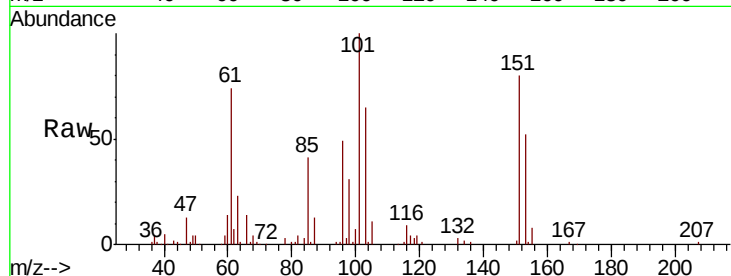
Tot Ion:101 Resp: 207261

Ion Ratio Lower Upper

101 100

85 42.6 33.8 50.8

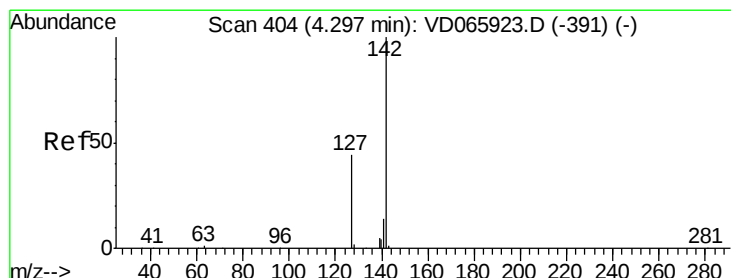
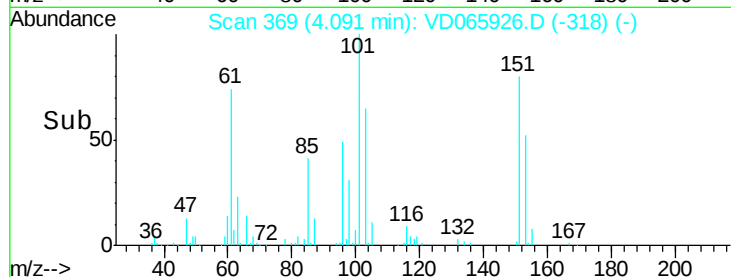
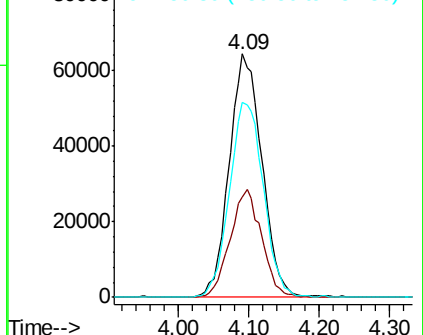
151 83.1 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.786 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

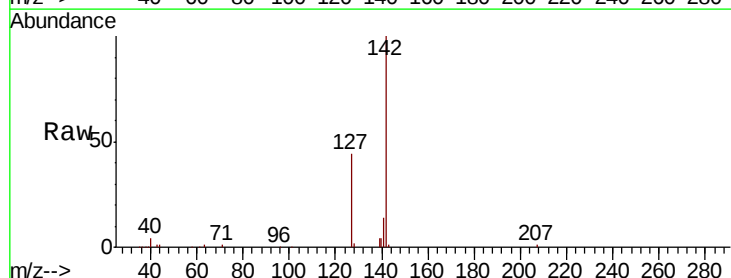
Tgt Ion:142 Resp: 228413

Ion Ratio Lower Upper

142 100

127 42.3 34.6 51.8

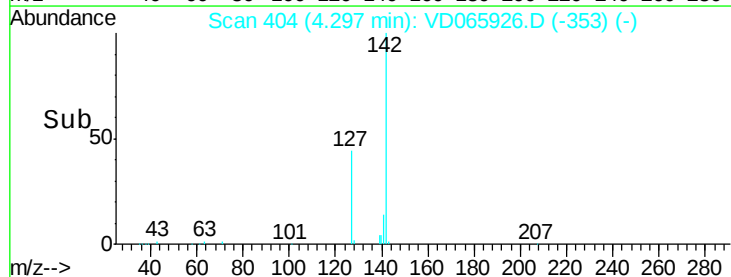
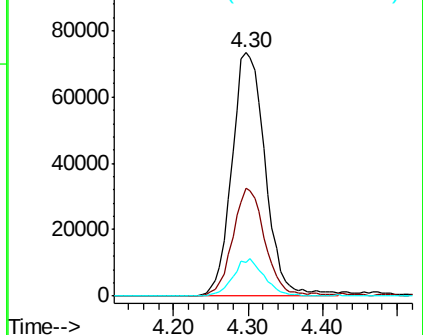
141 14.4 11.6 17.4

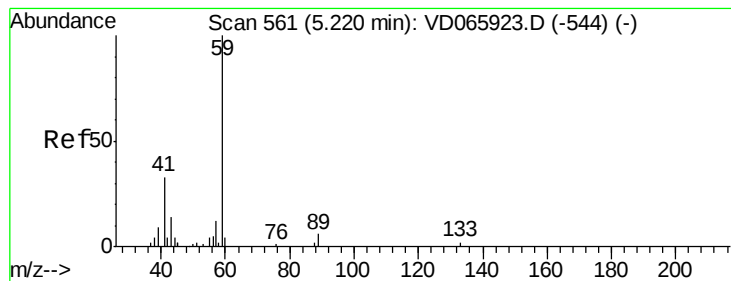


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 258.235 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

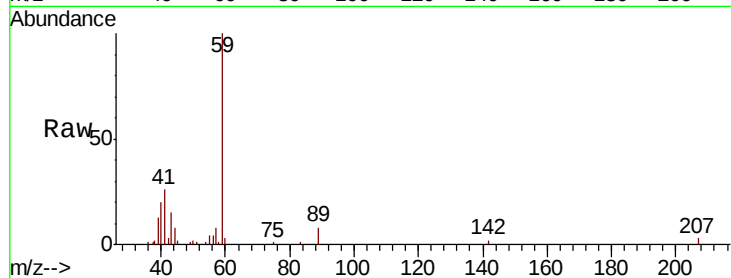
BFB

Tot Ion: 59 Resp: 62848

Ion Ratio Lower Upper

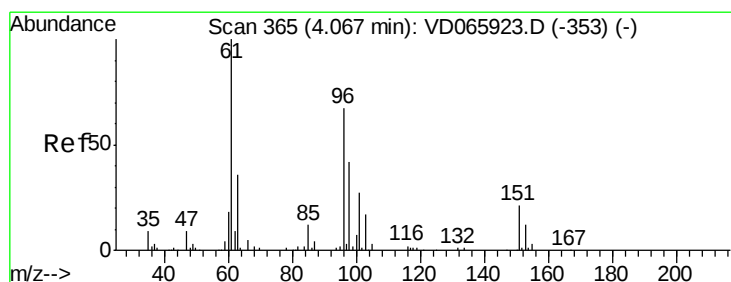
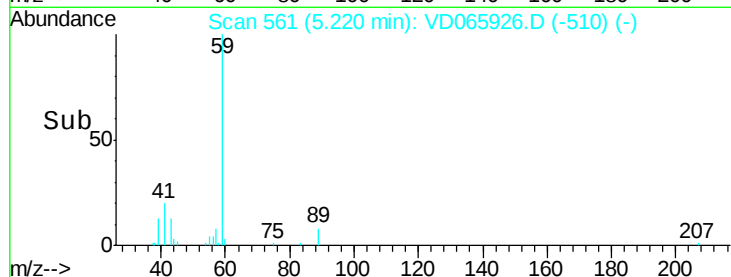
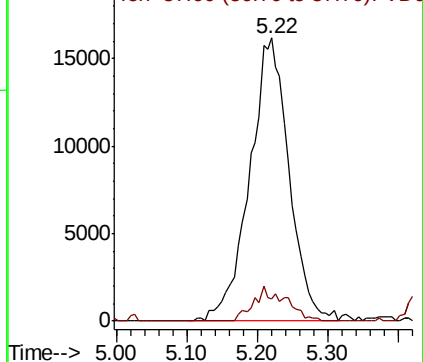
59 100

57 5.3 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 46.847 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

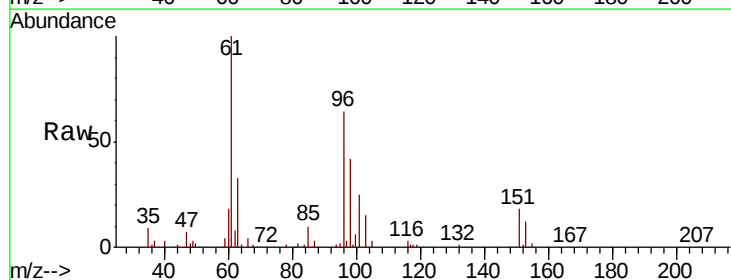
Tgt Ion: 96 Resp: 199101

Ion Ratio Lower Upper

96 100

61 155.2 120.2 180.2

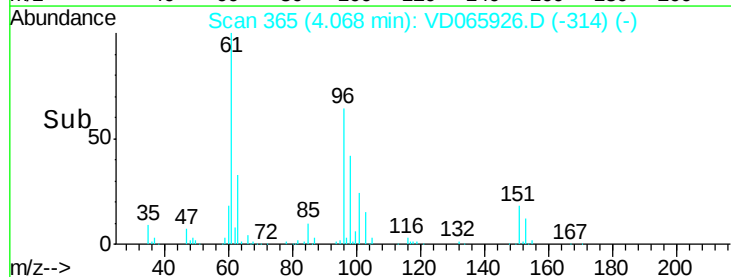
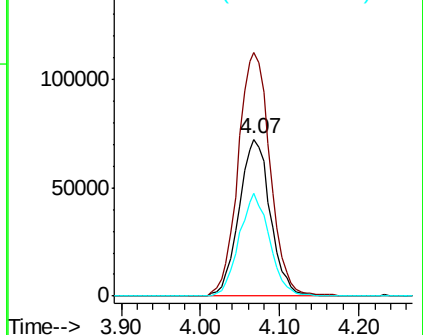
98 65.2 50.6 76.0

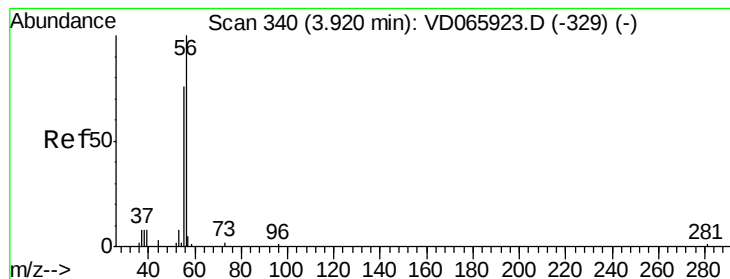


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 229.449 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

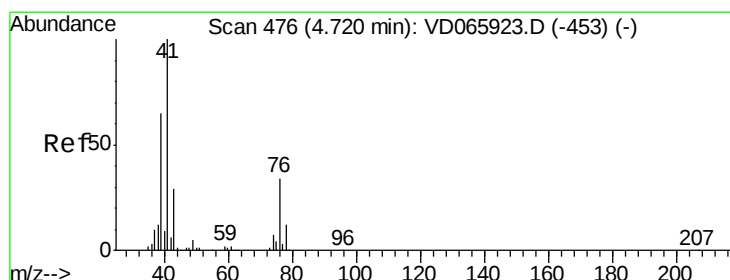
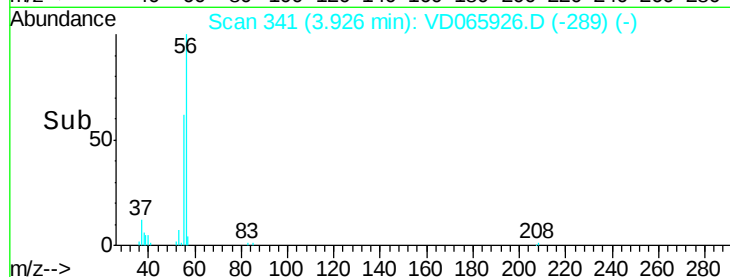
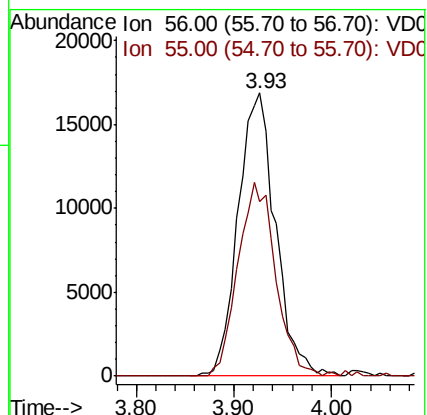
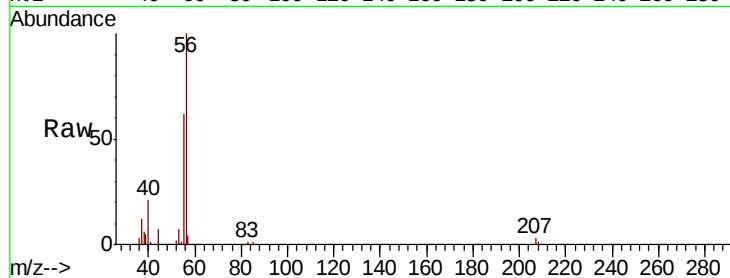
BFB

Tot Ion: 56 Resp: 45166

Ion Ratio Lower Upper

56 100

55 68.9 55.0 82.6



#14

Allyl chloride

Concen: 48.237 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

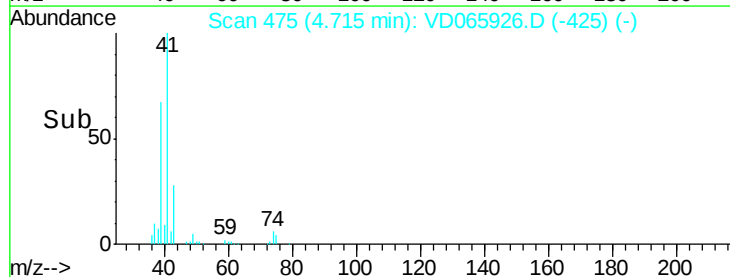
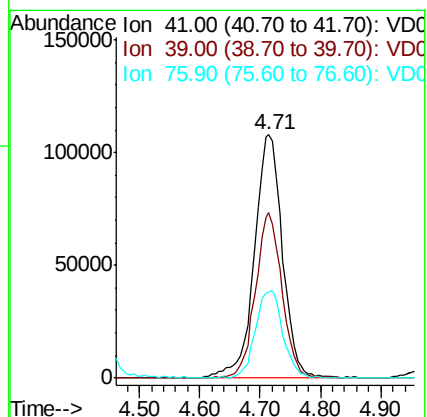
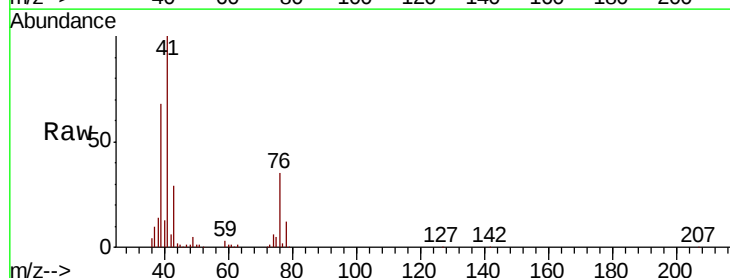
Tgt Ion: 41 Resp: 347419

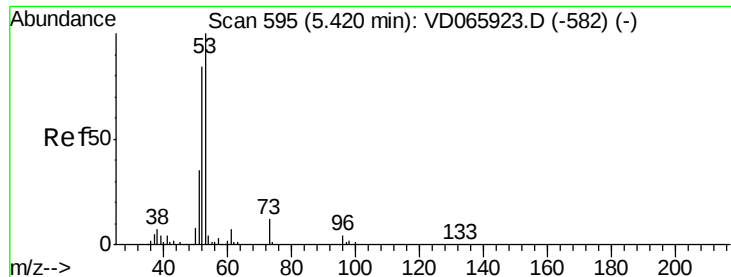
Ion Ratio Lower Upper

41 100

39 64.5 52.2 78.4

76 34.0 28.1 42.1





#15

Acrylonitrile

Concen: 245.887 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

BFB

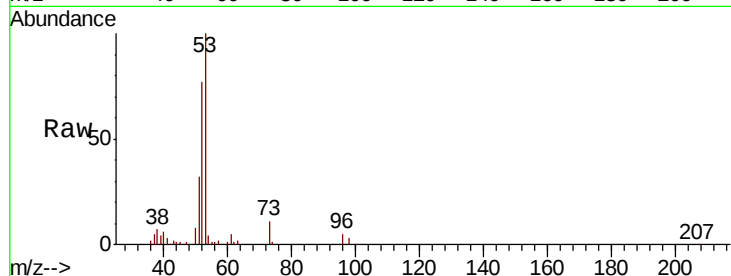
Tot Ion: 53 Resp: 224628

Ion Ratio Lower Upper

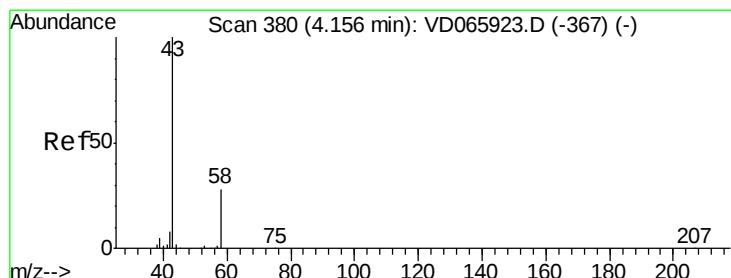
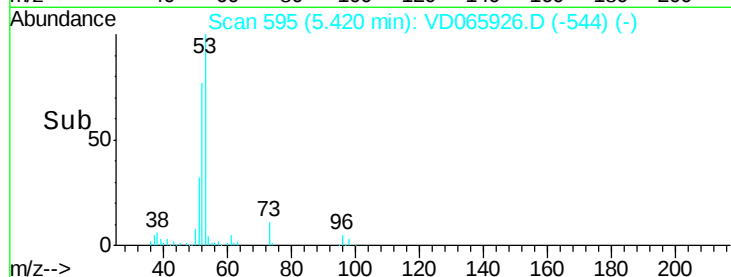
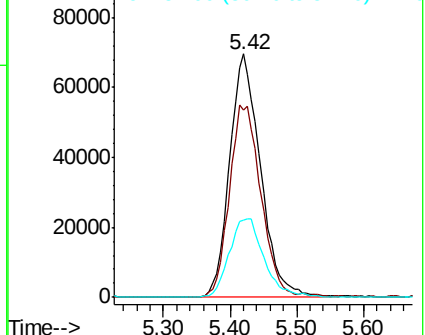
53 100

52 80.5 66.3 99.5

51 36.4 29.8 44.8



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



#16

Acetone

Concen: 218.721 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065926.D

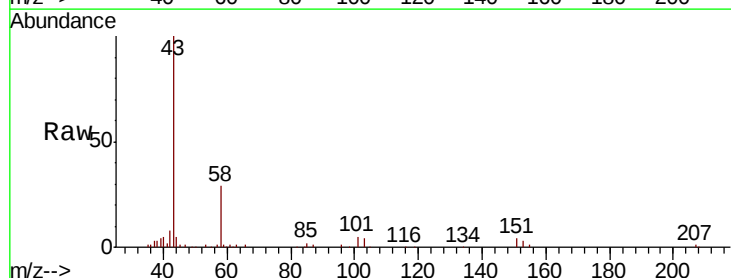
Acq: 07 Jul 2020 17:17

Tgt Ion: 43 Resp: 199215

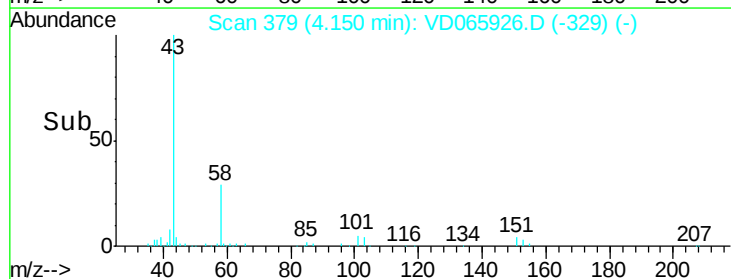
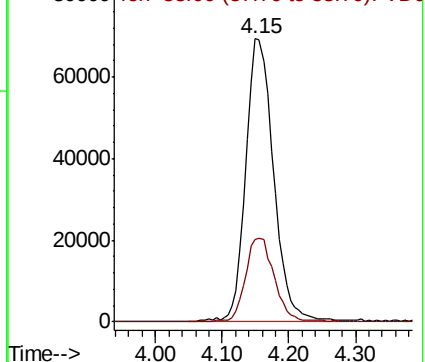
Ion Ratio Lower Upper

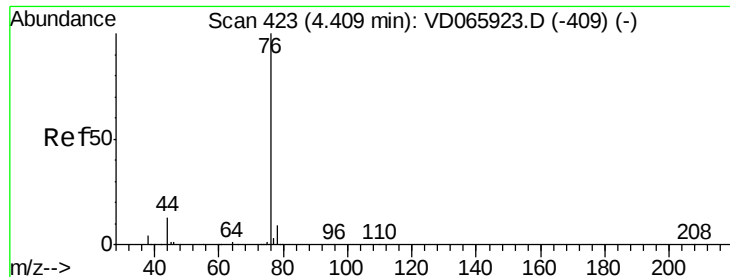
43 100

58 29.0 22.7 34.1



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

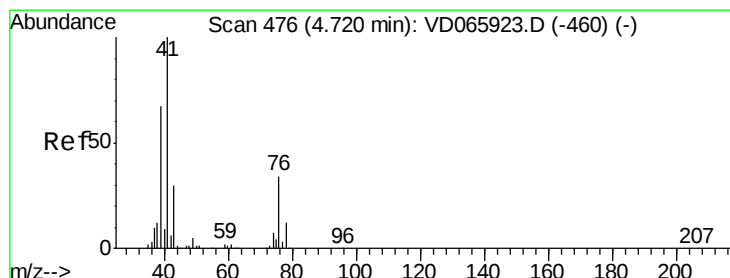
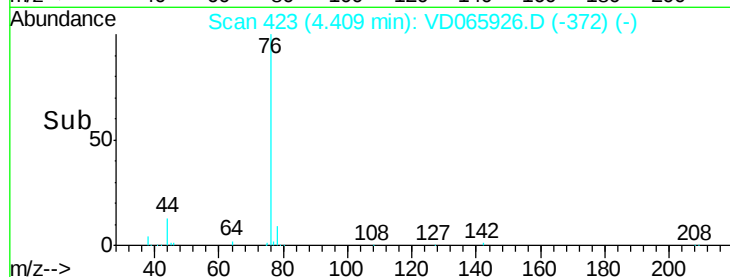
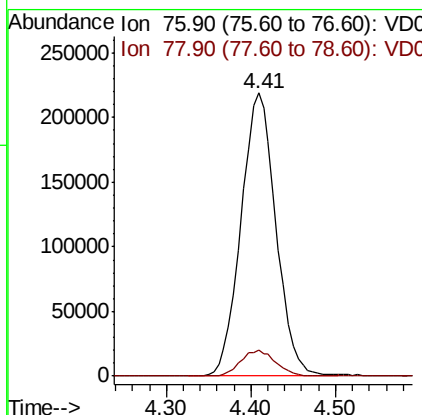
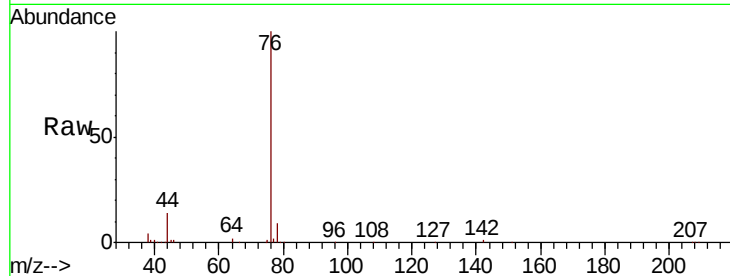




#17
Carbon Disulfide
Concen: 46.346 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

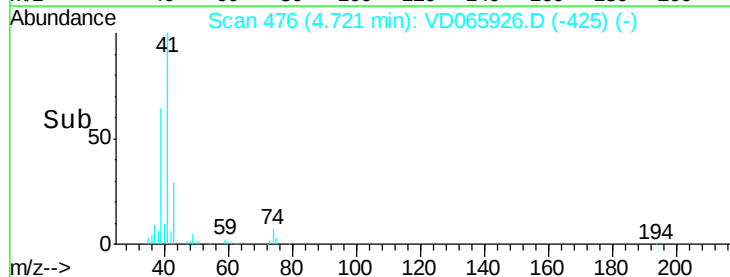
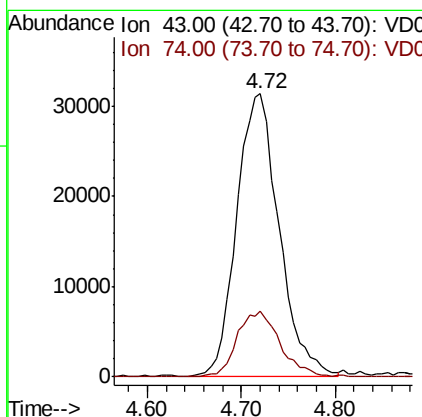
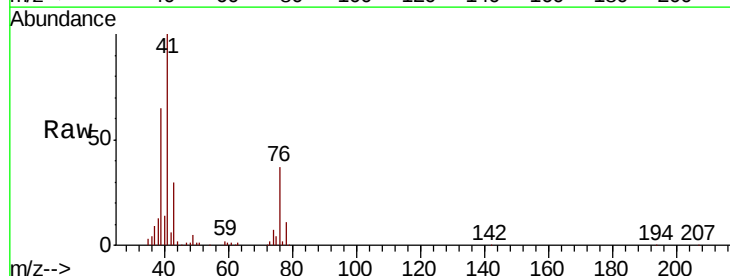
Instrument :
MSVOA_D
ClientSampleId :
BFB

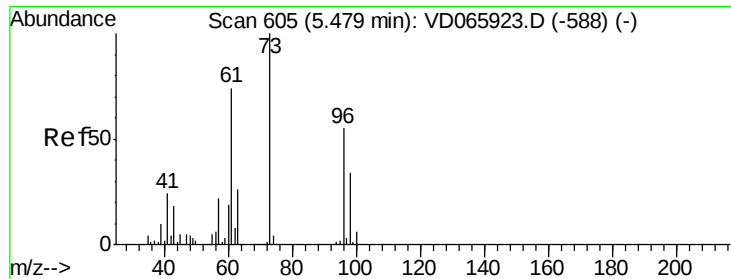
Tot Ion: 76 Resp: 627614
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 46.009 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 43 Resp: 98232
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8

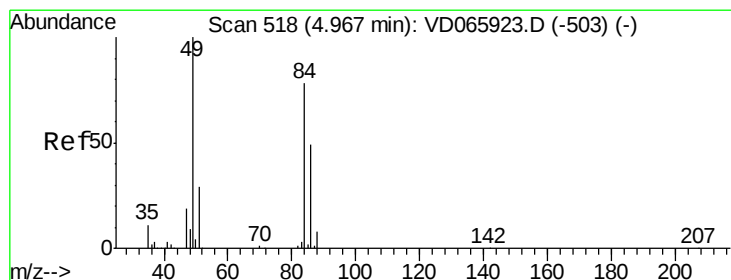
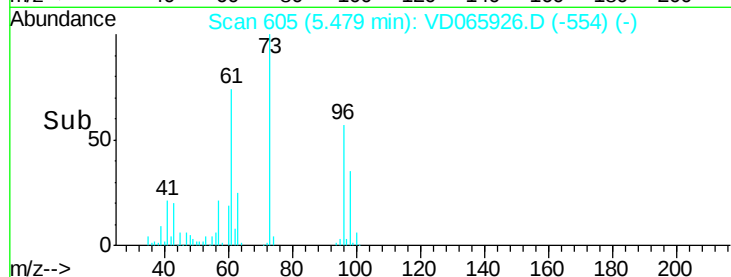
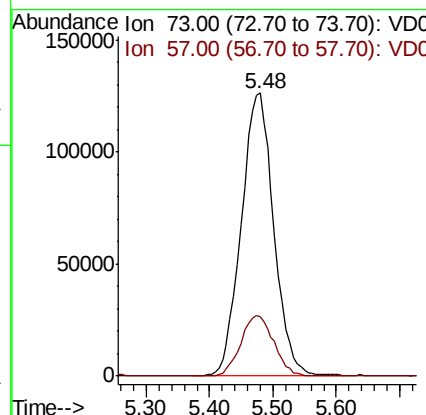
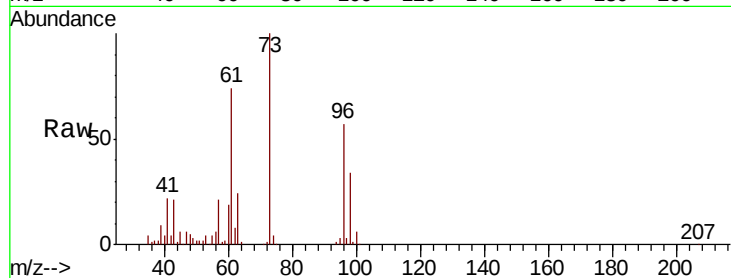




#19
Methvl tert-butvl Ether
Concen: 49.831 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

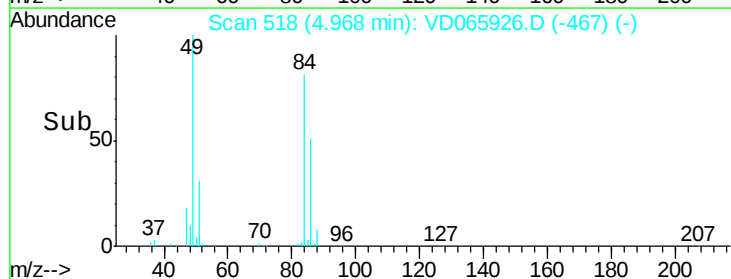
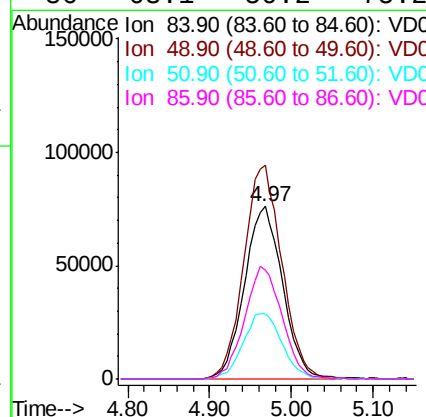
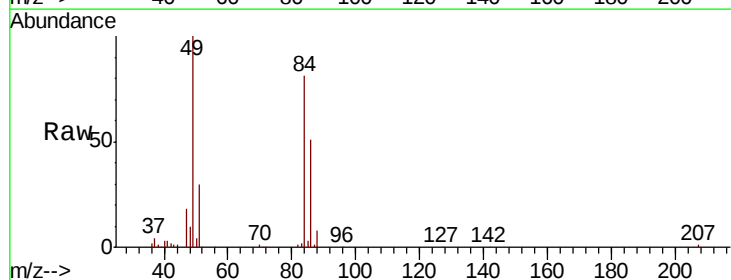
Instrument :
MSVOA_D
ClientSampleId :
BFB

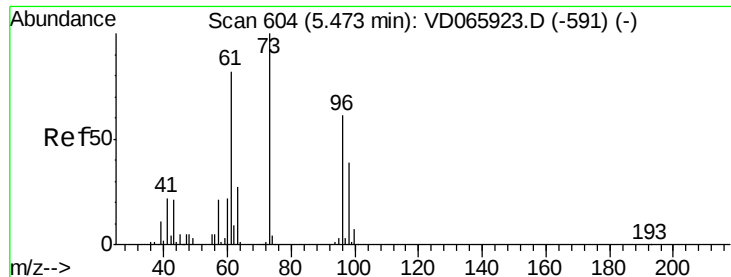
Tot Ion: 73 Resp: 448369
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5



#20
Methylene Chloride
Concen: 49.049 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 84 Resp: 246867
Ion Ratio Lower Upper
84 100
49 123.7 102.2 153.2
51 37.6 29.8 44.6
86 63.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.995 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

BFB

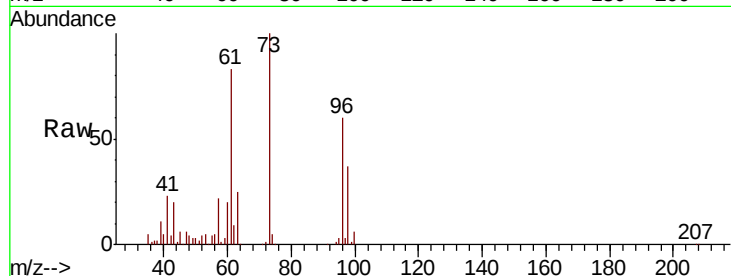
Tot Ion: 96 Resp: 229497

Ion Ratio Lower Upper

96 100

61 137.8 106.6 160.0

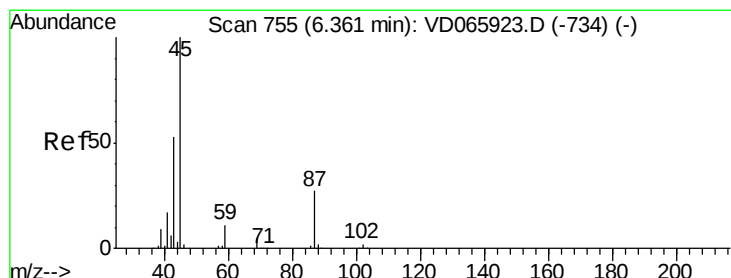
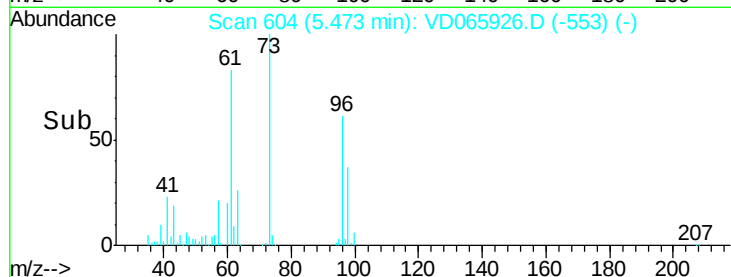
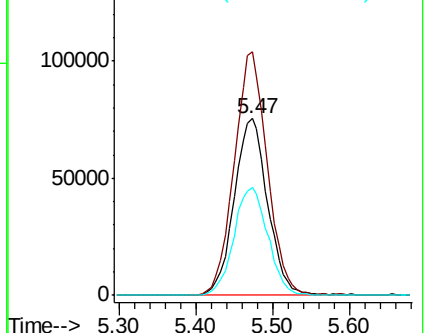
98 61.1 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 48.754 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Tgt Ion: 45 Resp: 659892

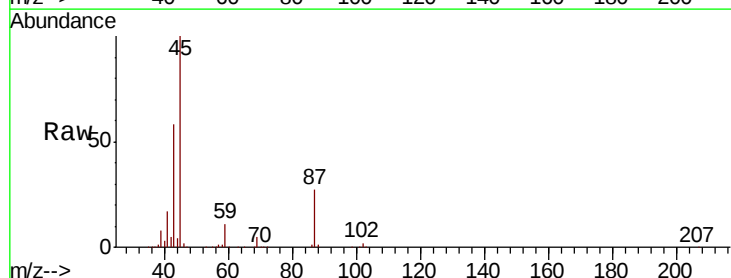
Ion Ratio Lower Upper

45 100

43 57.0 42.5 63.7

87 26.7 22.2 33.2

59 11.0 8.9 13.3

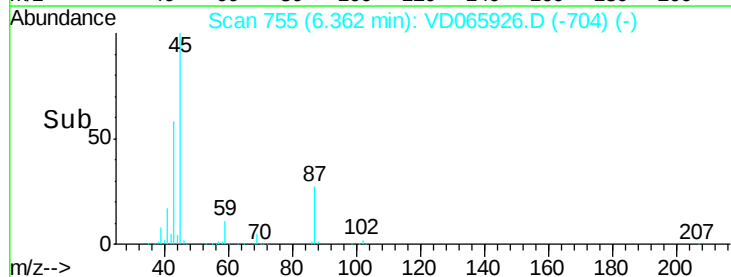
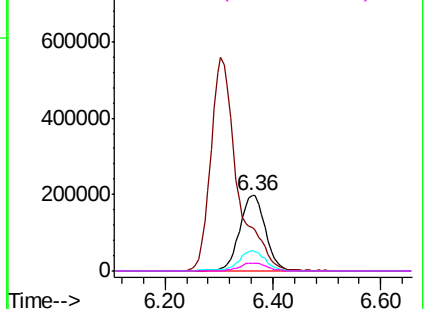


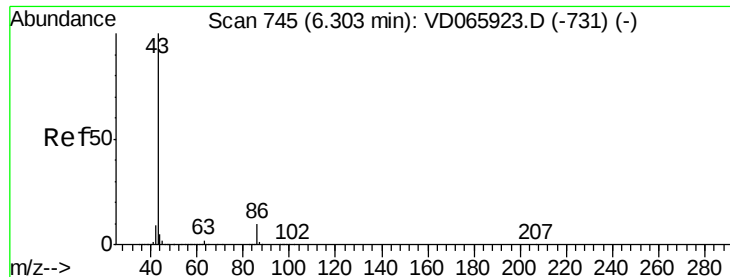
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 247.871 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

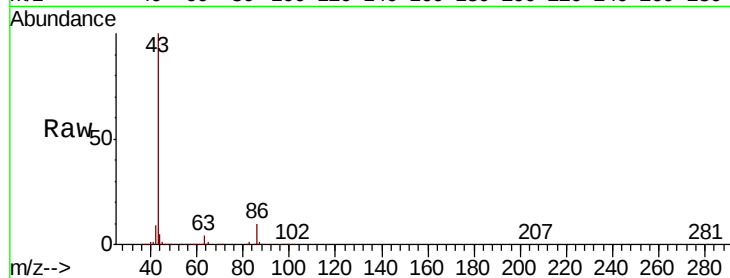
BFB

Tot Ion: 43 Resp: 1915000

Ion Ratio Lower Upper

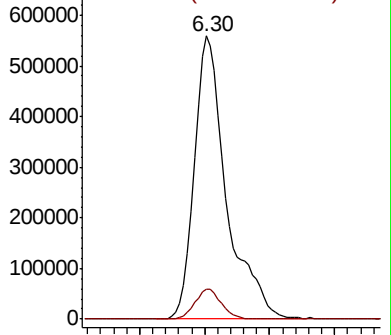
43 100

86 10.4 8.1 12.1

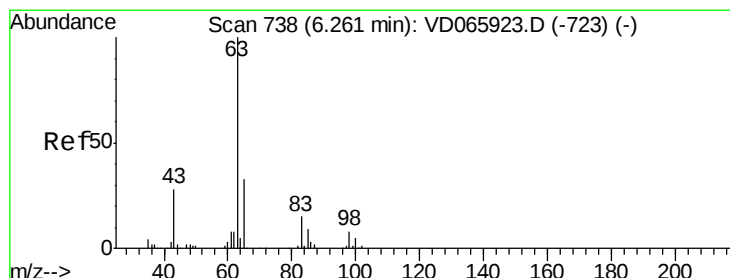
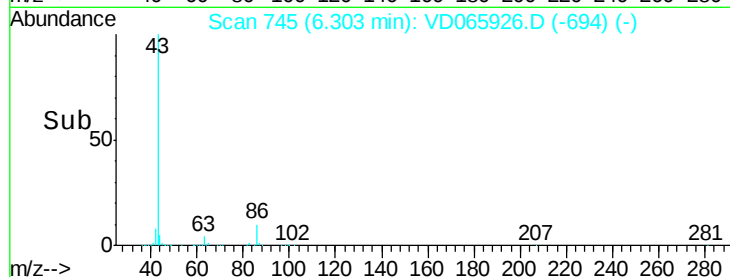


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 47.189 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

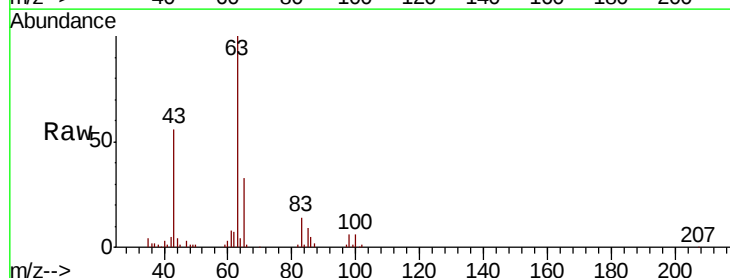
Tgt Ion: 63 Resp: 380855

Ion Ratio Lower Upper

63 100

98 6.2 3.8 11.4

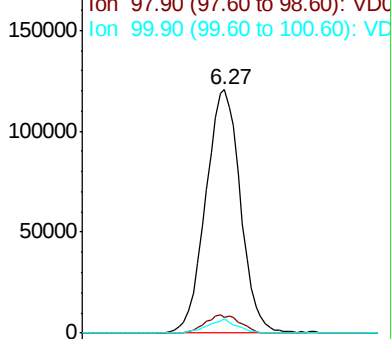
100 5.8 2.5 7.5



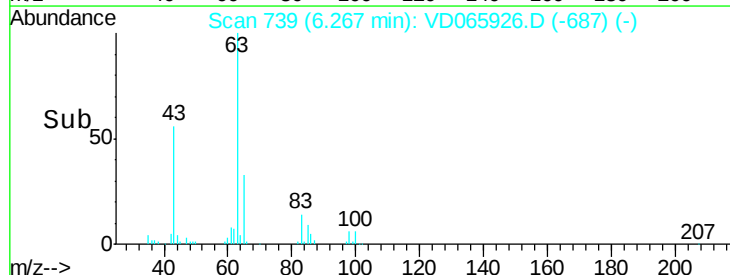
Abundance Ion 62.90 (62.60 to 63.60): VDC

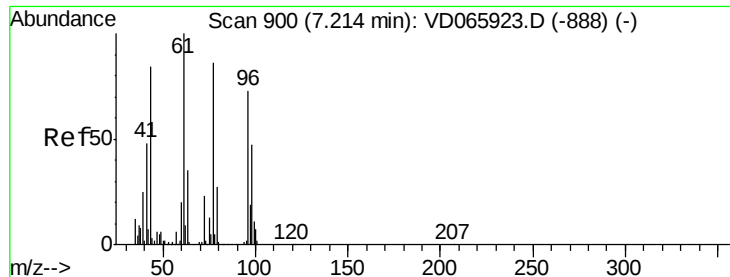
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->

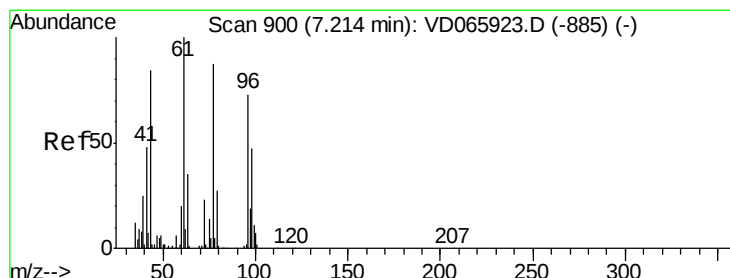
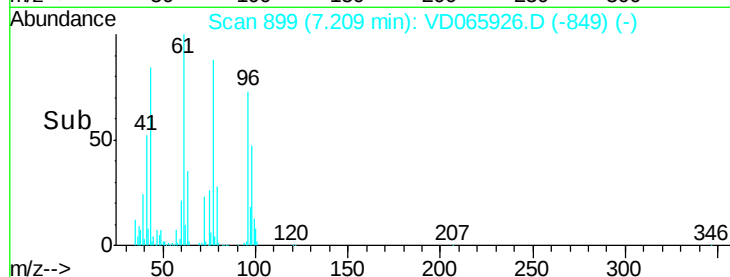
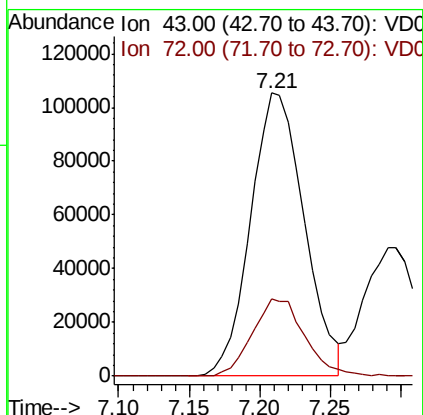
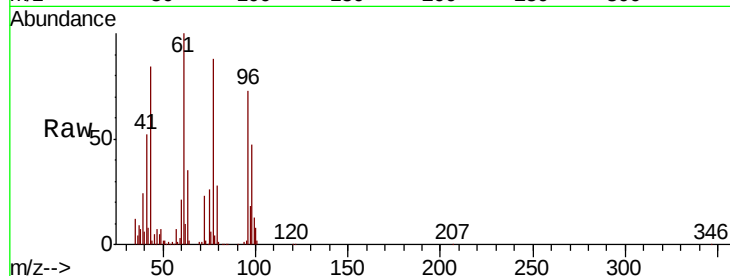




#25
 2-Butanone
 Concen: 233.257 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

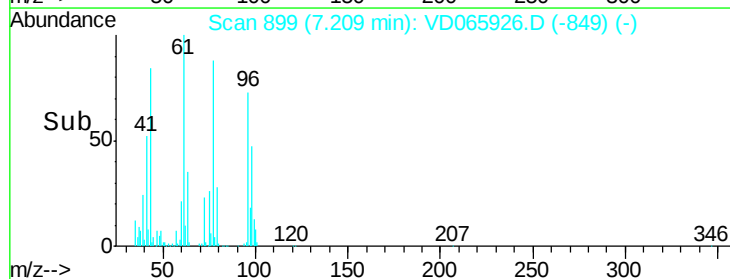
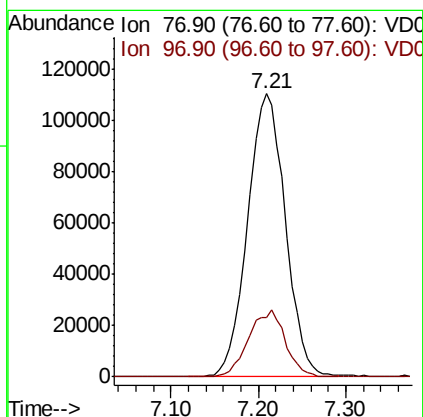
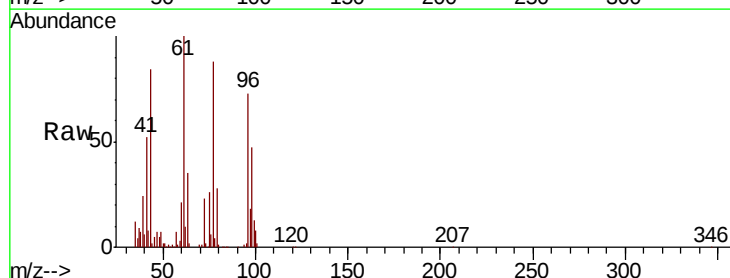
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

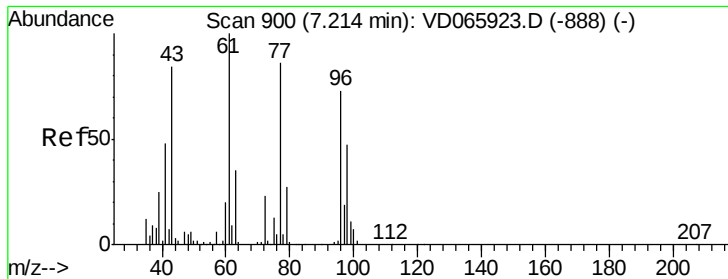
Tot Ion: 43 Resp: 280738
 Ion Ratio Lower Upper
 43 100
 72 27.2 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 46.062 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion: 77 Resp: 325221
 Ion Ratio Lower Upper
 77 100
 97 23.0 11.6 34.8



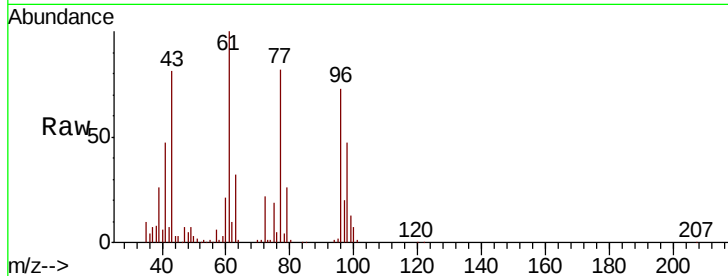


#27

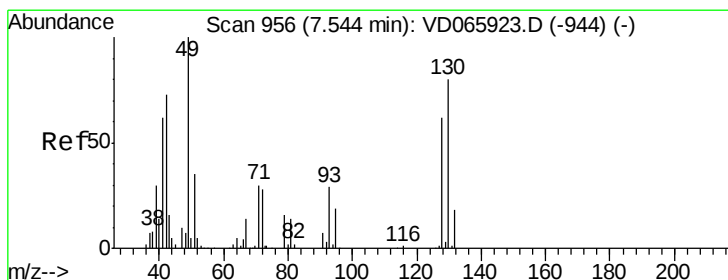
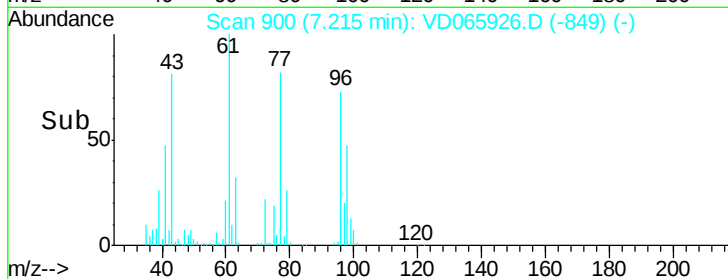
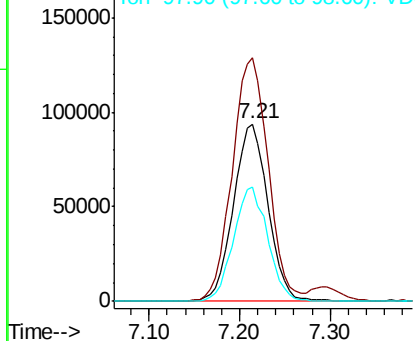
cis-1,2-Dichloroethene
Concen: 48.433 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 96 Resp: 248836
Ion Ratio Lower Upper
96 100
61 142.4 0.0 286.6
98 63.7 0.0 128.2



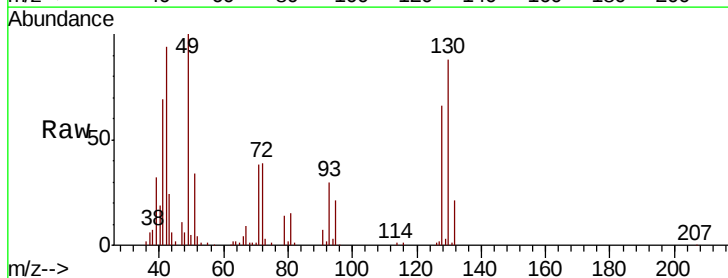
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



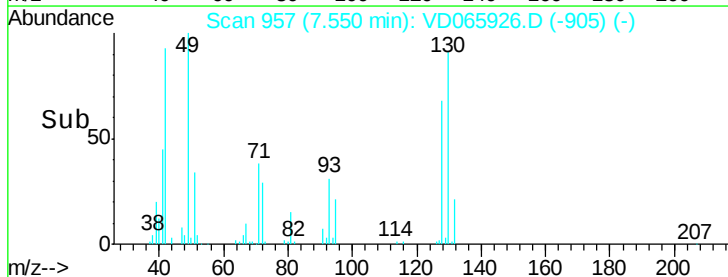
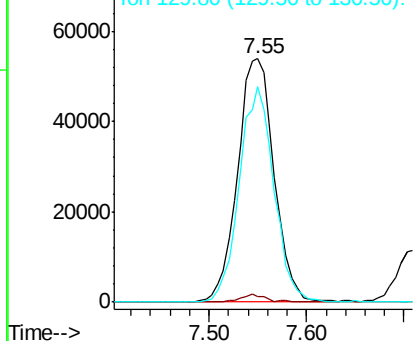
#28

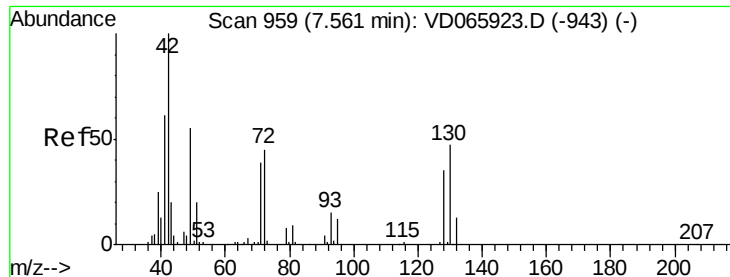
Bromochloromethane
Concen: 46.194 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 49 Resp: 140838
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 83.8 65.8 98.8



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

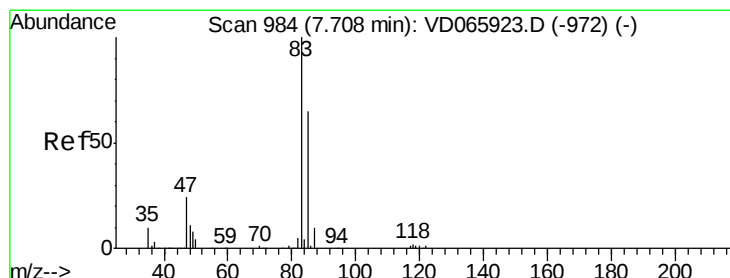
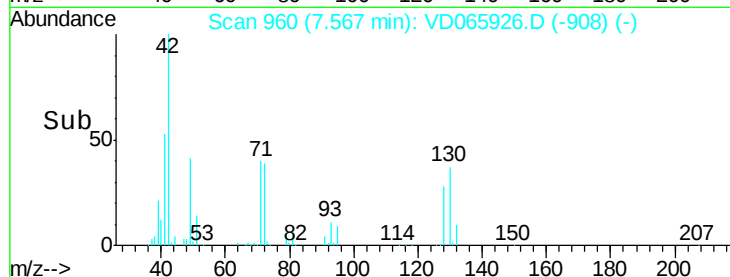
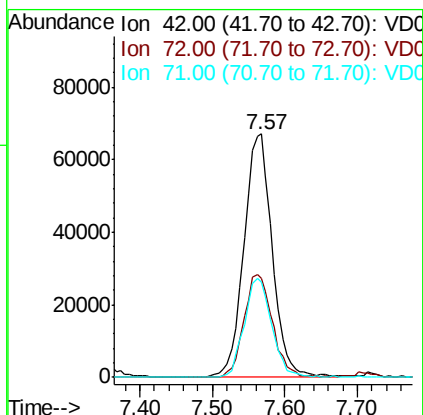
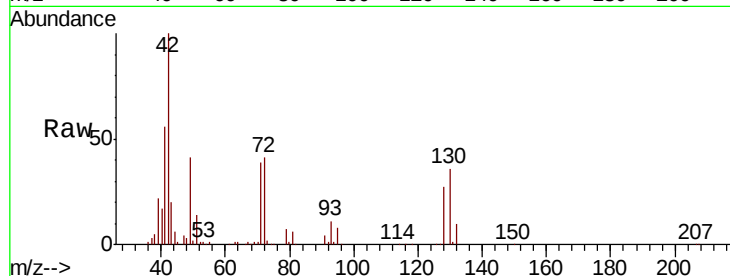




#29
Tetrahydrofuran
Concen: 237.656 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

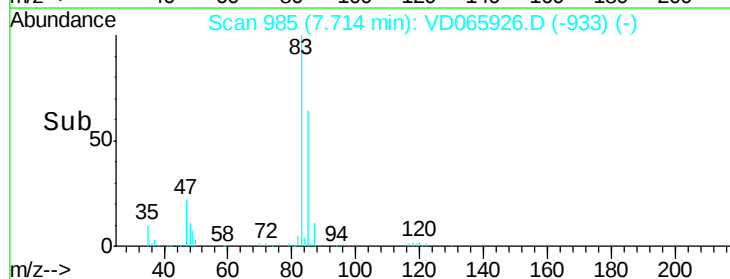
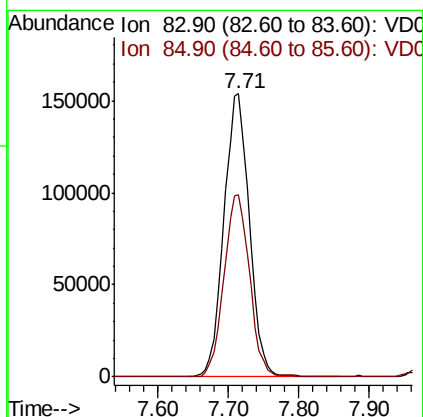
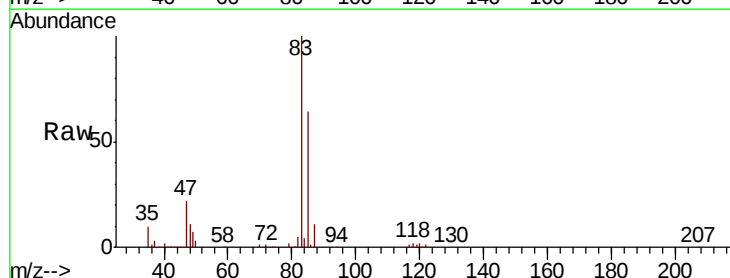
Instrument :
MSVOA_D
ClientSampled :
BFB

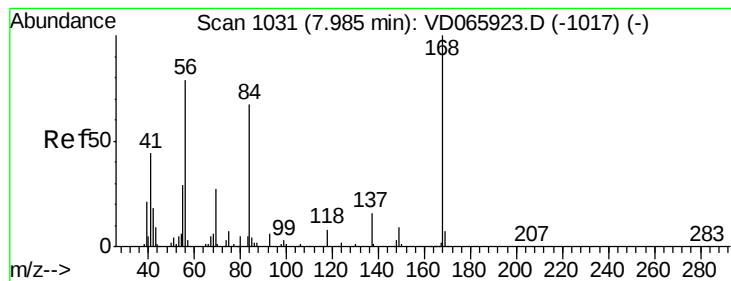
Tot Ion: 42 Resp: 181883
Ion Ratio Lower Upper
42 100
72 42.2 32.8 49.2
71 39.6 31.0 46.4



#30
Chloroform
Concen: 47.050 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 83 Resp: 384969
Ion Ratio Lower Upper
83 100
85 64.2 51.6 77.4





#31

Cyclohexane

Concen: 45.411 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

BFB

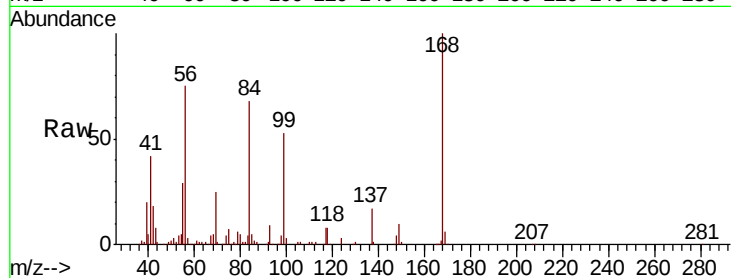
Tot Ion: 56 Resp: 360610

Ion Ratio Lower Upper

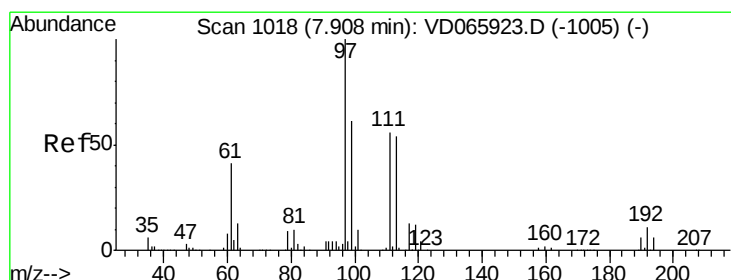
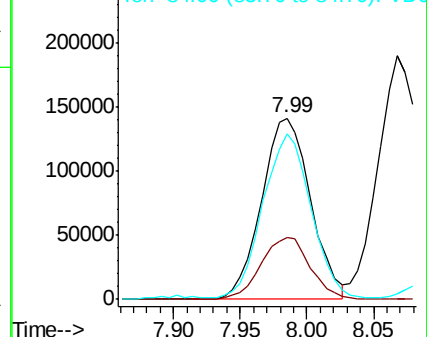
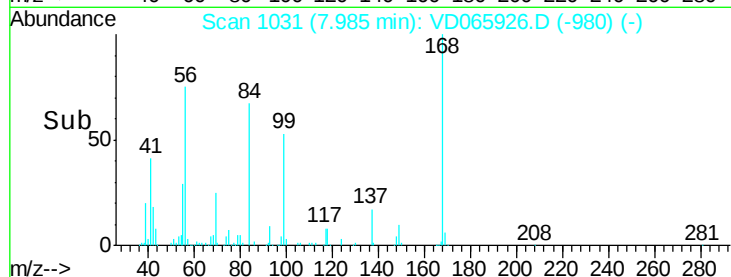
56 100

69 34.0 27.4 41.0

84 89.5 68.6 102.8



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 47.281 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

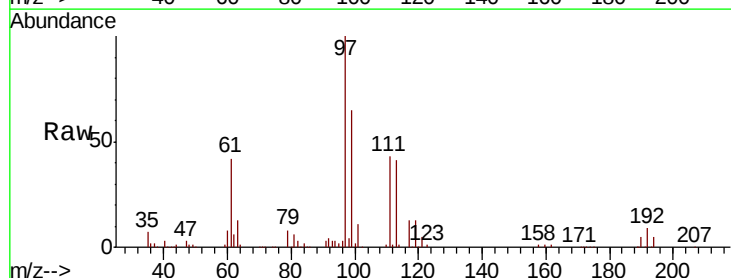
Tgt Ion: 97 Resp: 353037

Ion Ratio Lower Upper

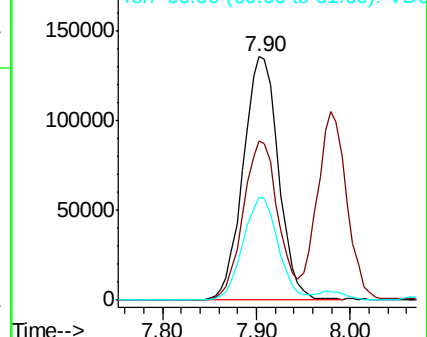
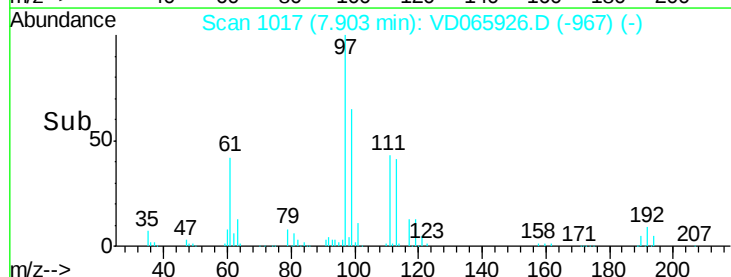
97 100

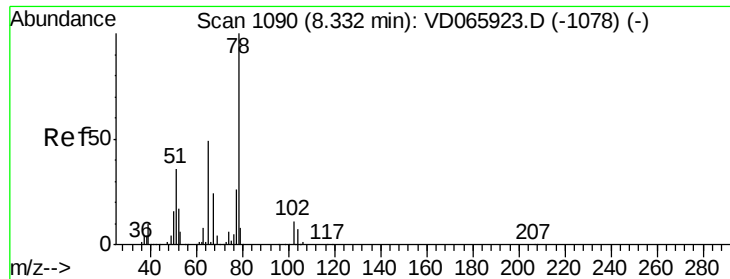
99 64.9 51.6 77.4

61 42.4 33.6 50.4



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

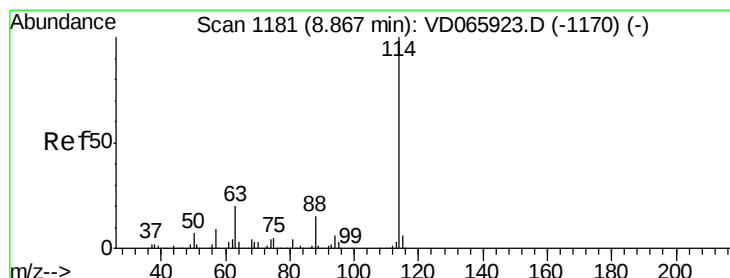
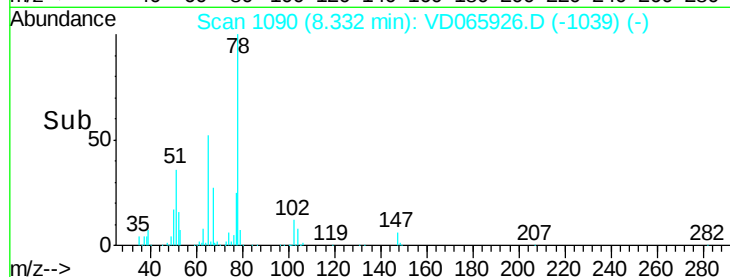
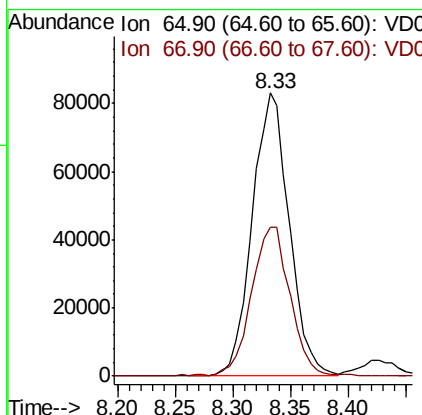
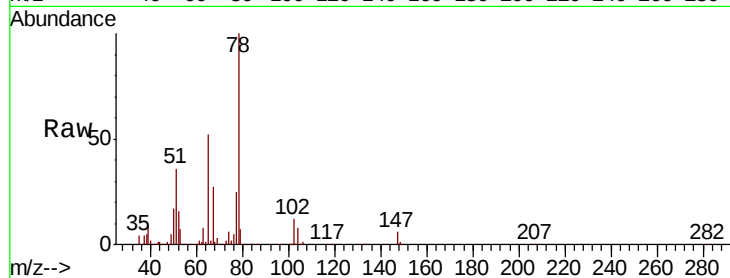




#33
 1,2-Dichloroethane-d4
 Concen: 47.799 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

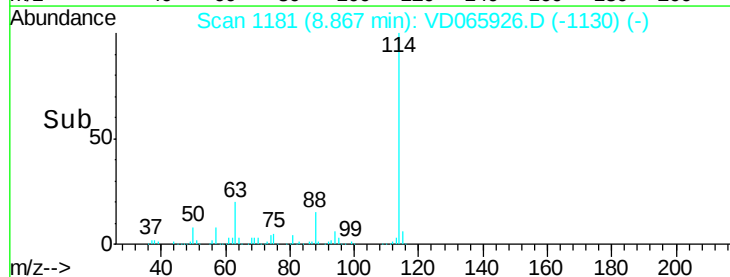
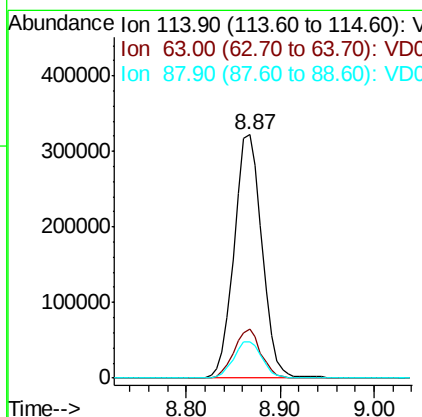
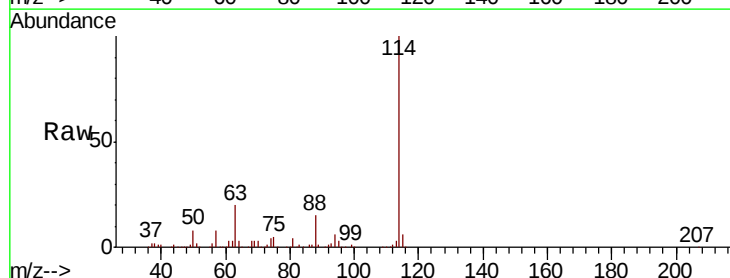
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

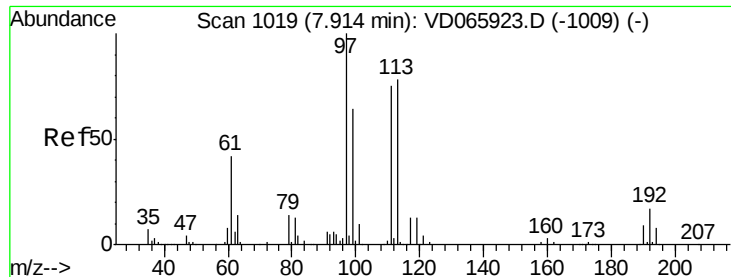
Tot Ion: 65 Resp: 185765
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion: 114 Resp: 662601
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 14.7 0.0 30.0

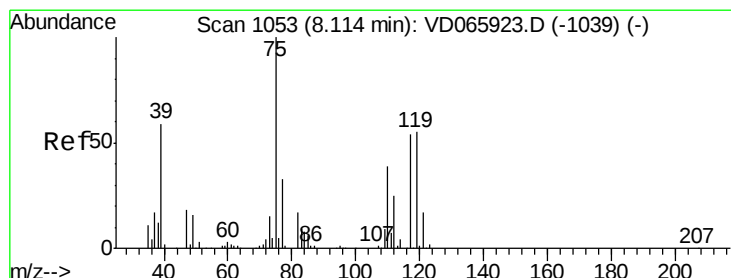
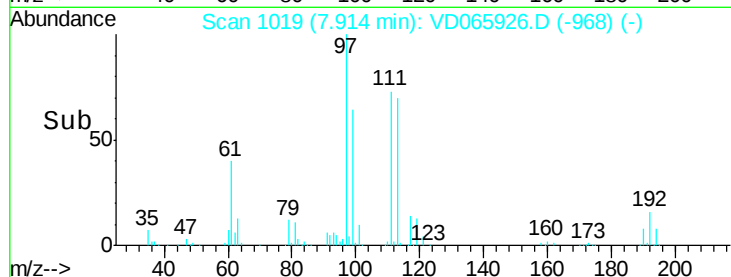
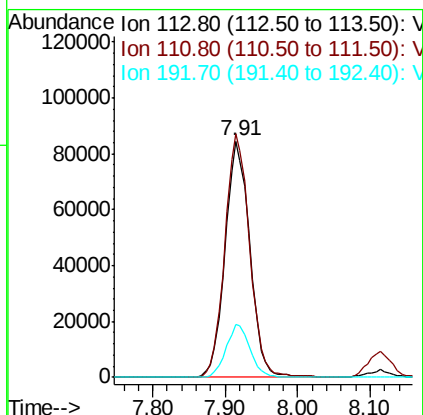
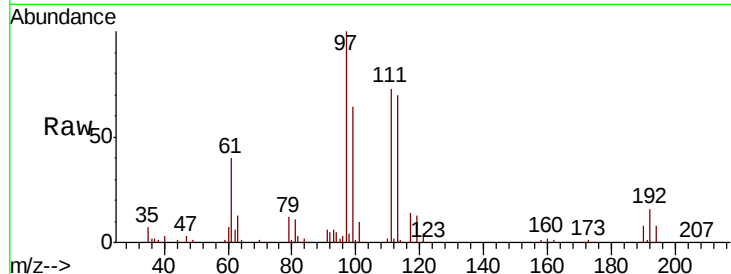




#35
Dibromofluoromethane
Concen: 49.187 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

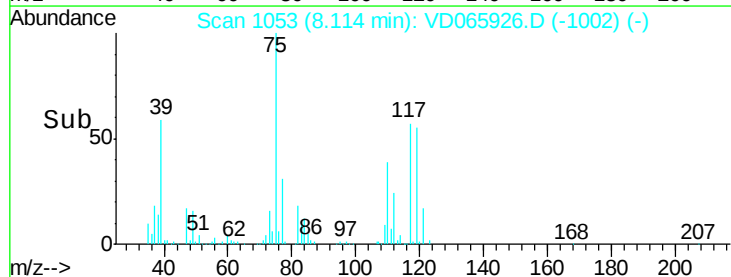
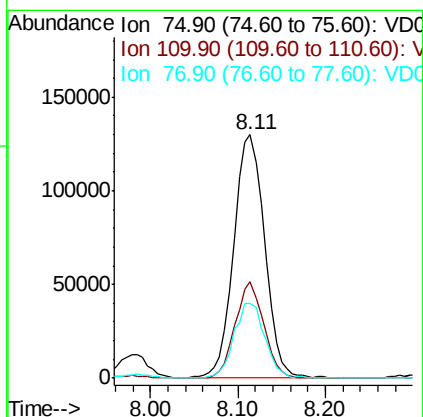
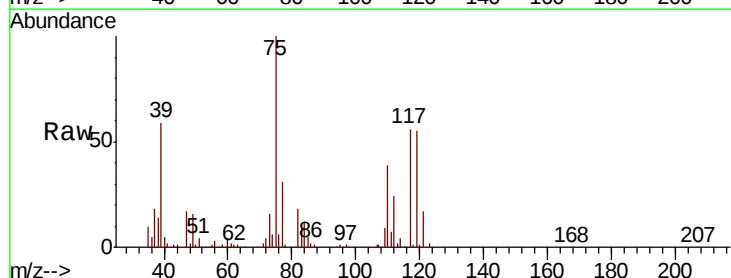
Instrument :
MSVOA_D
ClientSampled :
BFB

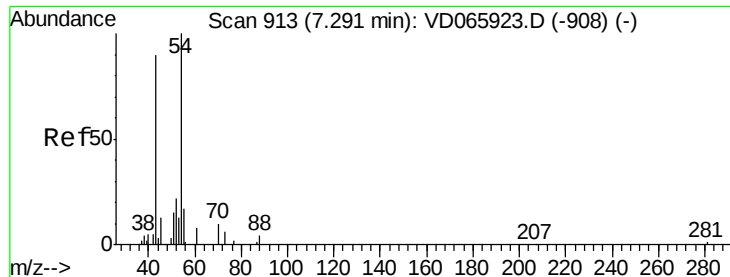
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.9	121.3
192	21.6	17.1	25.7



#36
1,1-Dichloropropene
Concen: 47.243 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

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

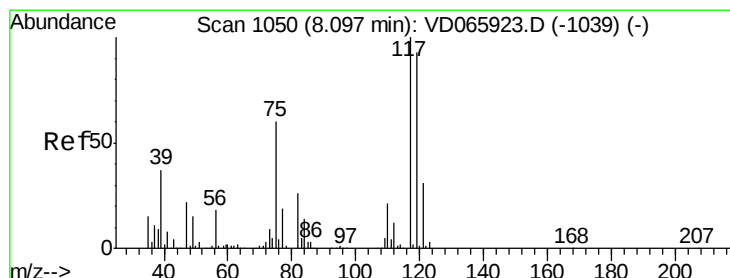
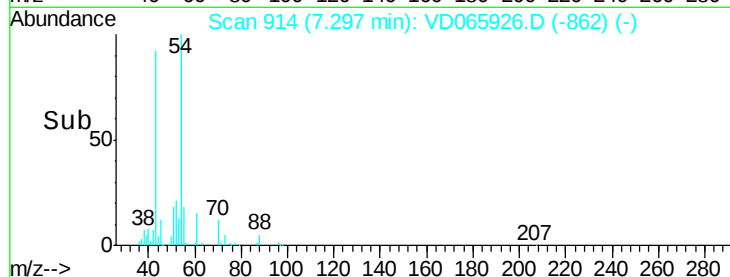
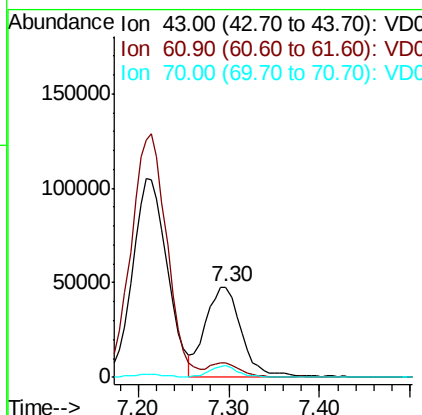
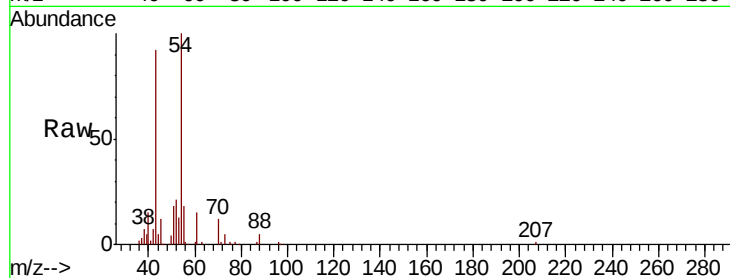




#37
Ethyl Acetate
Concen: 47.950 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

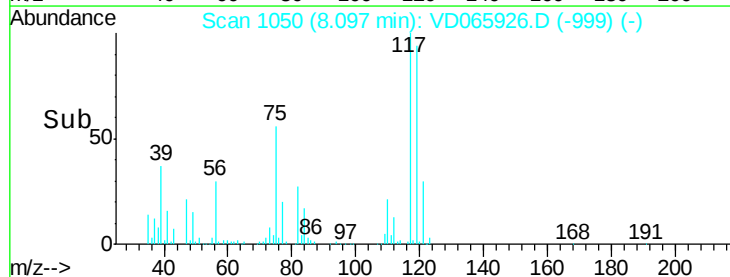
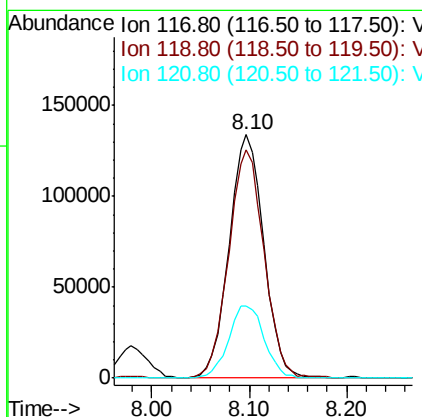
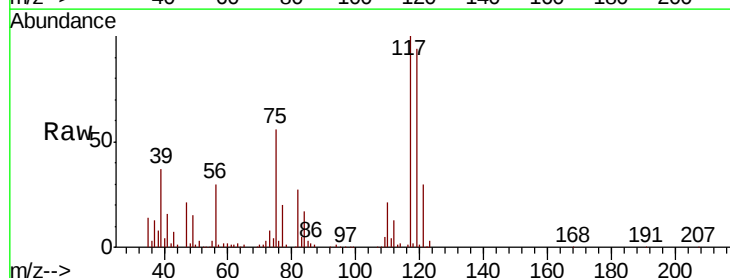
Instrument :
MSVOA_D
ClientSampleId :
BFB

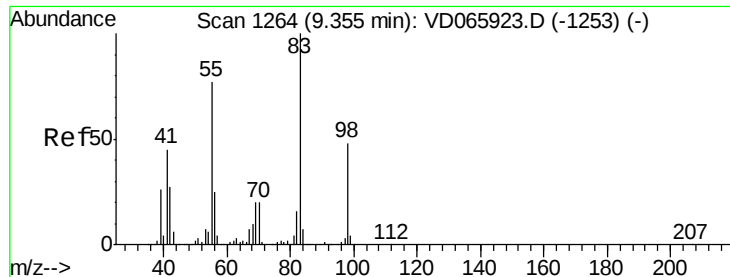
Tot Ion: 43 Resp: 131480
Ion Ratio Lower Upper
43 100
61 14.1 9.4 14.0#
70 10.3 8.3 12.5



#38
Carbon Tetrachloride
Concen: 46.764 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 117 Resp: 328018
Ion Ratio Lower Upper
117 100
119 93.8 74.7 112.1
121 29.8 24.9 37.3

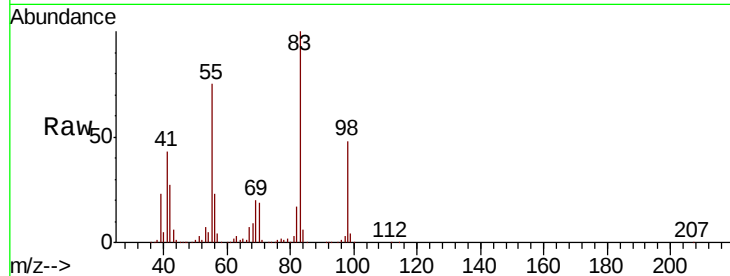




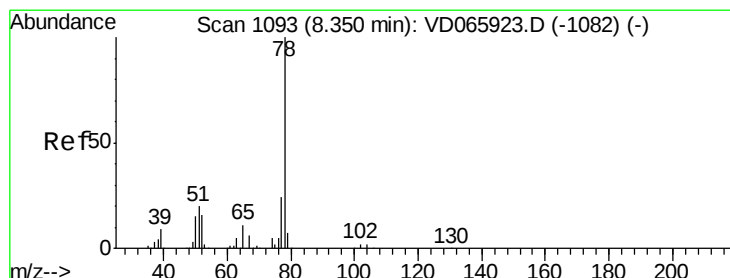
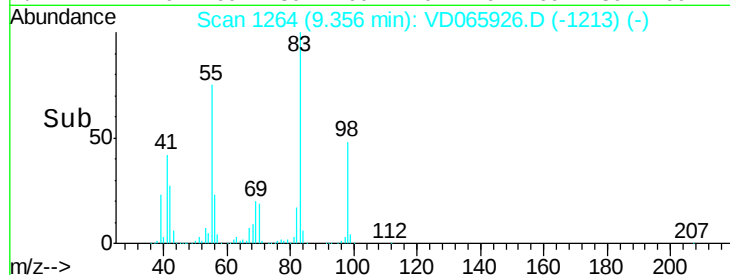
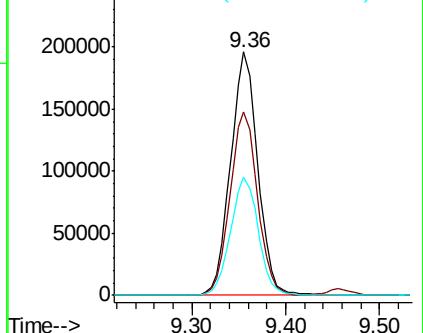
#39
Methvlcvclohexane
Concen: 49.080 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 83 Resp: 394322
Ion Ratio Lower Upper
83 100
55 75.2 61.7 92.5
98 48.4 38.6 58.0

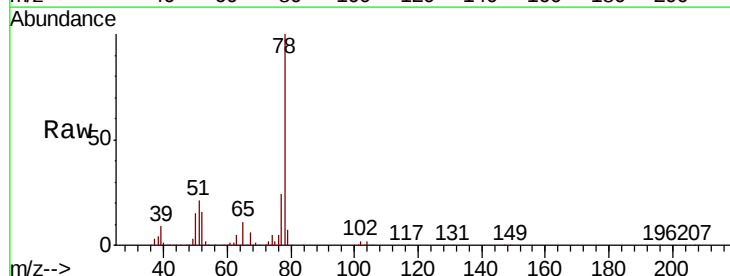


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

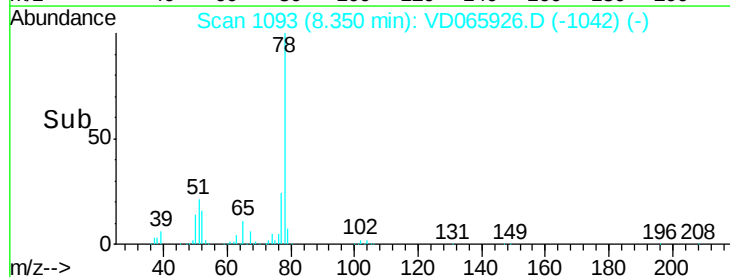
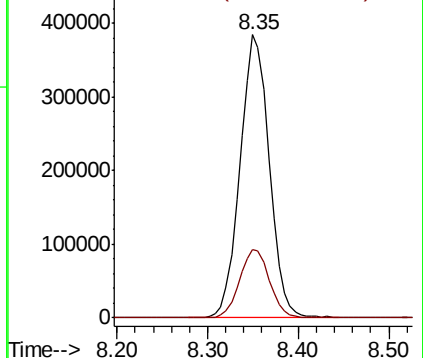


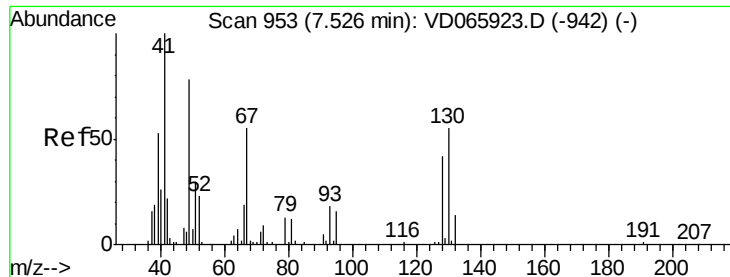
#40
Benzene
Concen: 47.566 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 78 Resp: 859956
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0



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

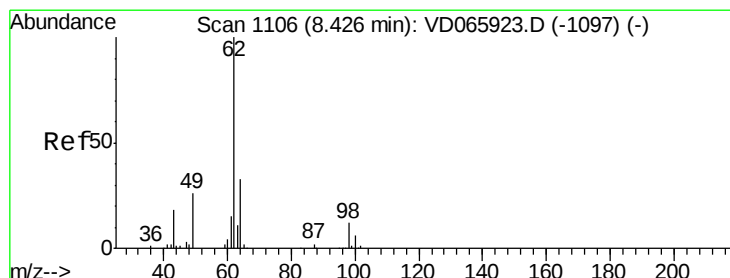
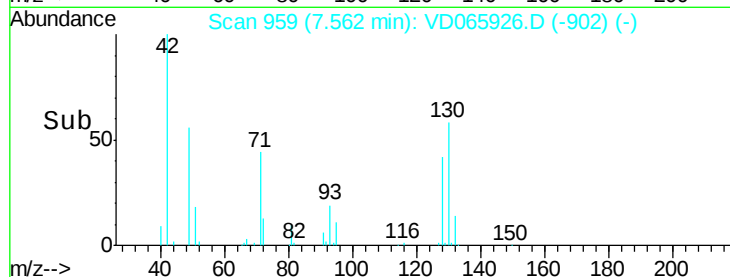
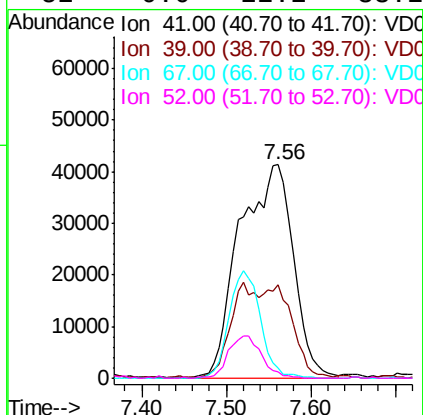
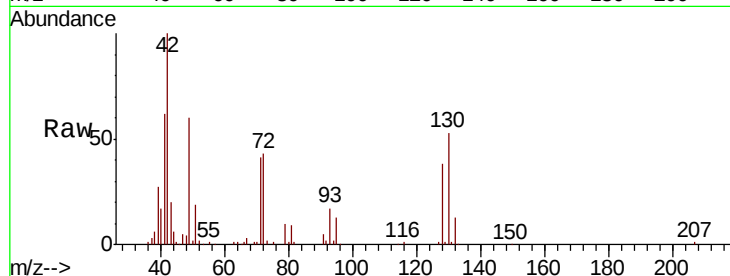




#41
Methacrylonitrile
Concen: 113.850 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

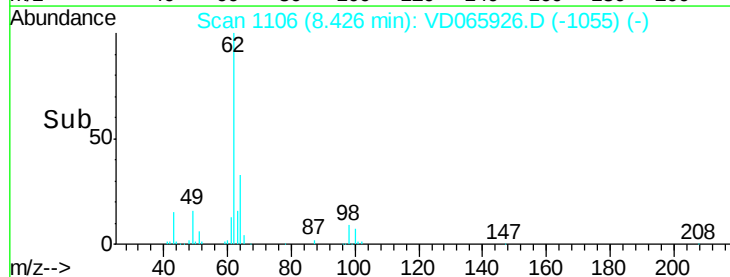
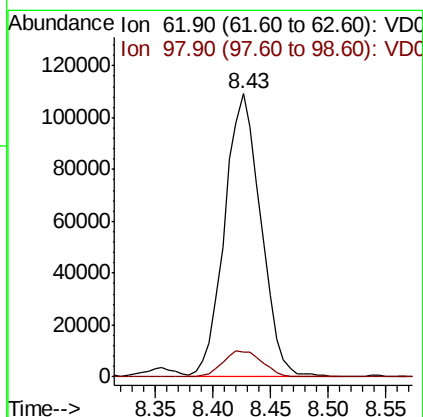
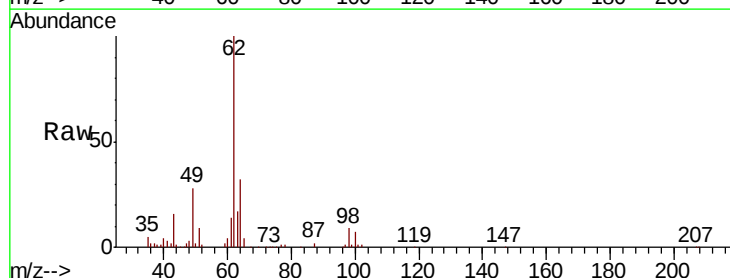
Instrument :
MSVOA_D
ClientSampleId :
BFB

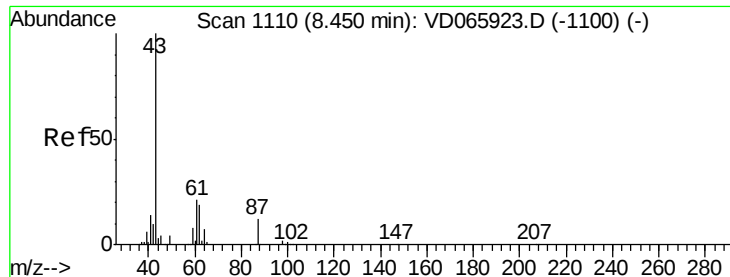
Tot Ion: 41 Resp: 181247
Ion Ratio Lower Upper
41 100
39 0.0 42.4 63.6#
67 0.0 53.6 80.4#
52 0.0 22.2 33.2#



#42
1,2-Dichloroethane
Concen: 46.346 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 62 Resp: 237370
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.0





#43

Isopropyl Acetate

Concen: 49.227 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

BFB

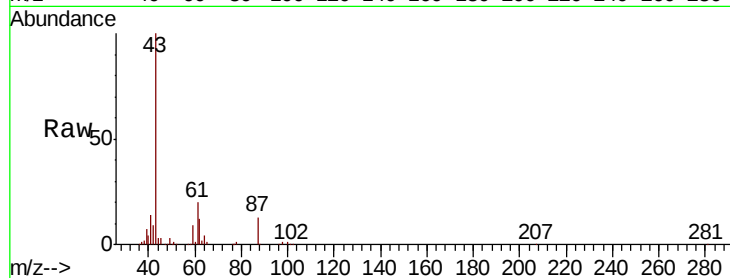
Tot Ion: 43 Resp: 251249

Ion Ratio Lower Upper

43 100

61 29.5 23.2 34.8

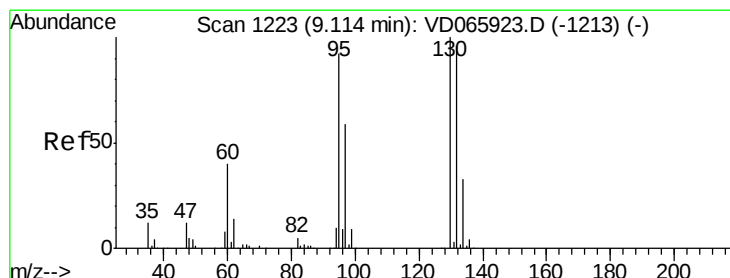
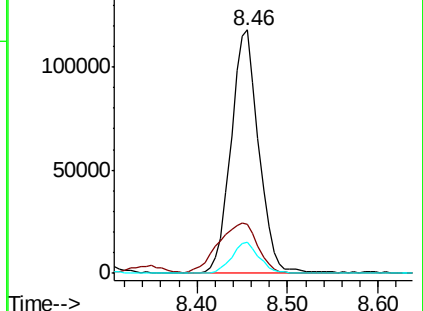
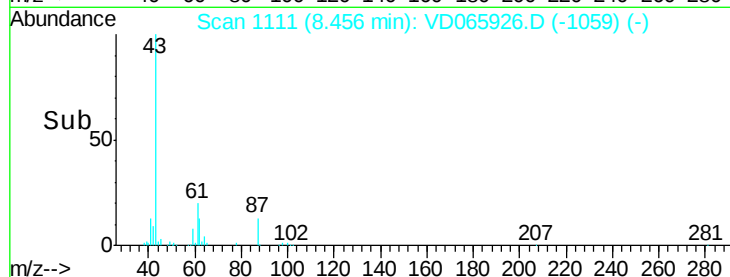
87 12.6 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 47.220 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065926.D

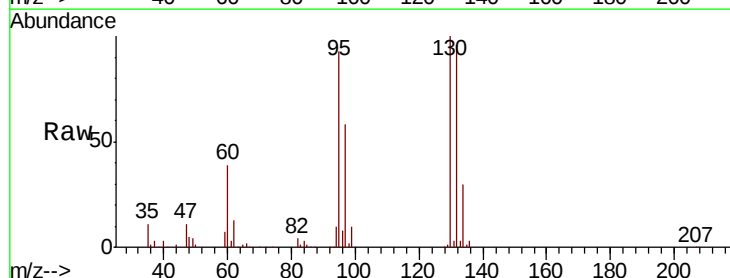
Acq: 07 Jul 2020 17:17

Tgt Ion: 130 Resp: 250829

Ion Ratio Lower Upper

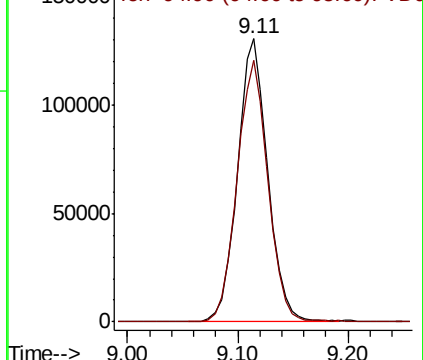
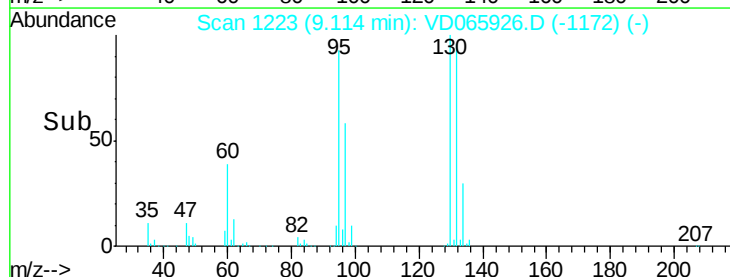
130 100

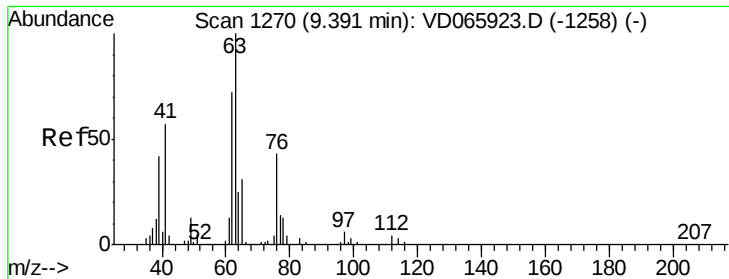
95 92.6 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 47.879 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

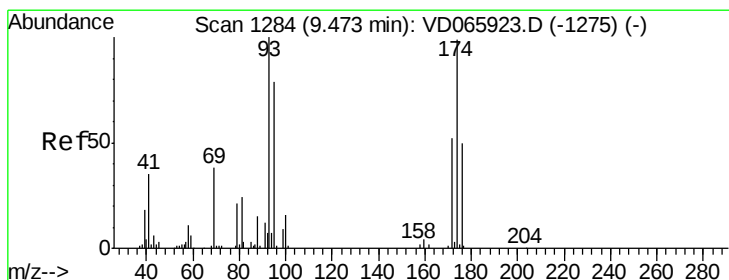
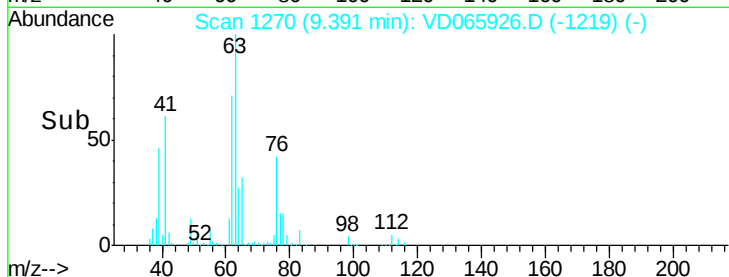
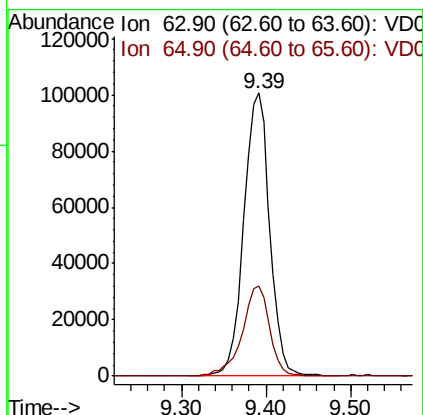
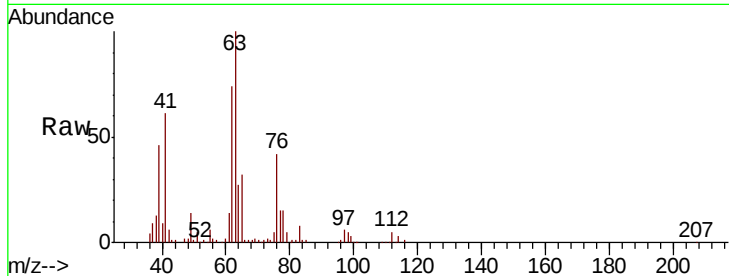
BFB

Tot Ion: 63 Resp: 214840

Ion Ratio Lower Upper

63 100

65 32.0 25.0 37.6



#46

Dibromomethane

Concen: 47.200 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

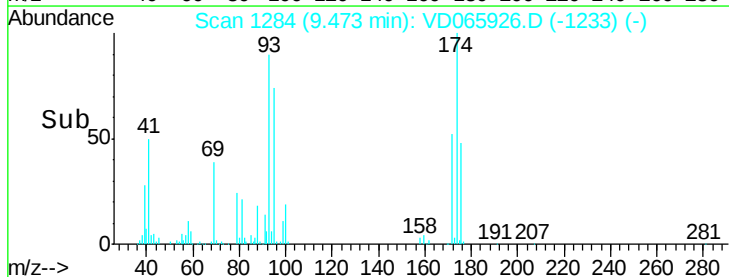
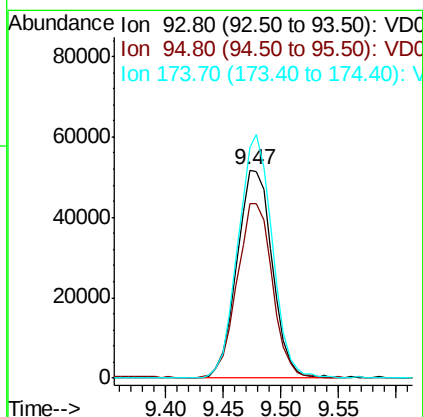
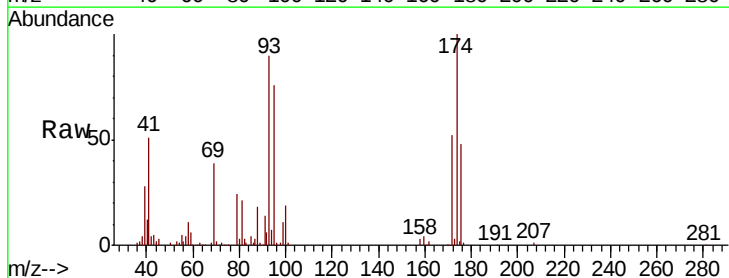
Tgt Ion: 93 Resp: 110265

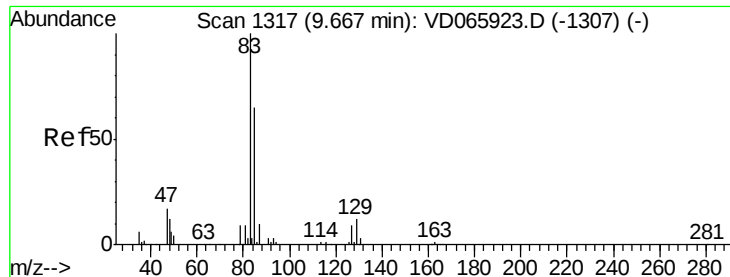
Ion Ratio Lower Upper

93 100

95 84.1 68.2 102.2

174 113.3 88.0 132.0





#47

Bromodichloromethane

Concen: 47.730 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

BFB

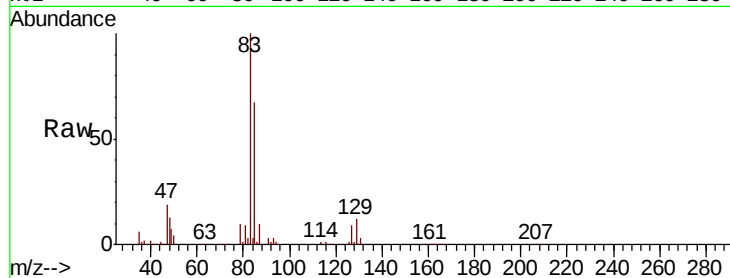
Tot Ion: 83 Resp: 299099

Ion Ratio Lower Upper

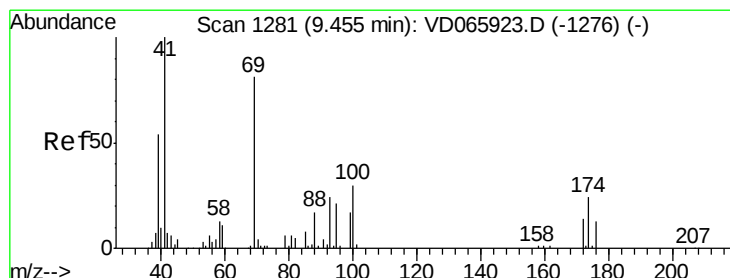
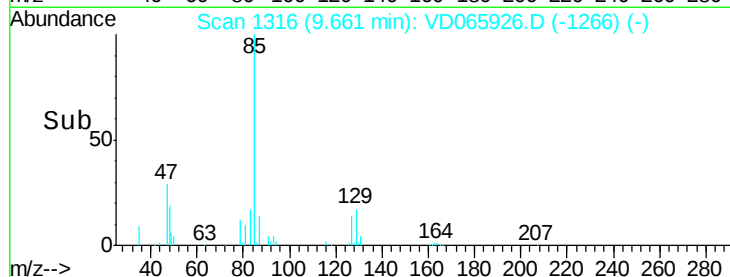
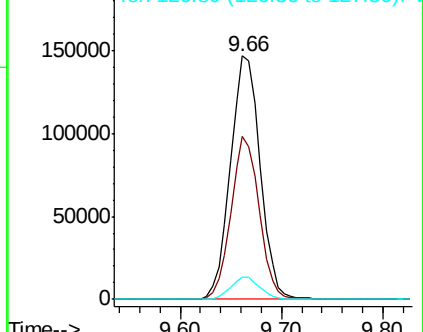
83 100

85 66.8 51.6 77.4

127 9.2 7.2 10.8



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



#48

Methyl methacrylate

Concen: 49.763 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

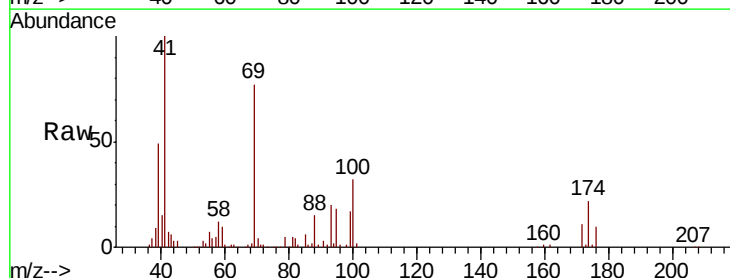
Tgt Ion: 41 Resp: 127861

Ion Ratio Lower Upper

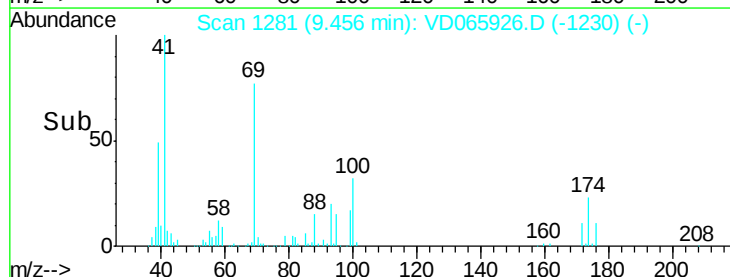
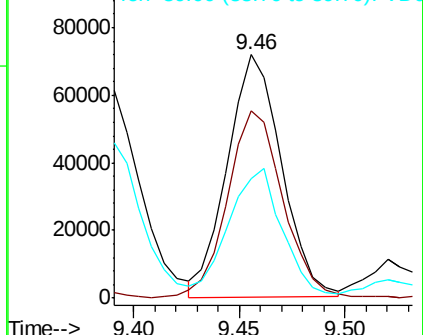
41 100

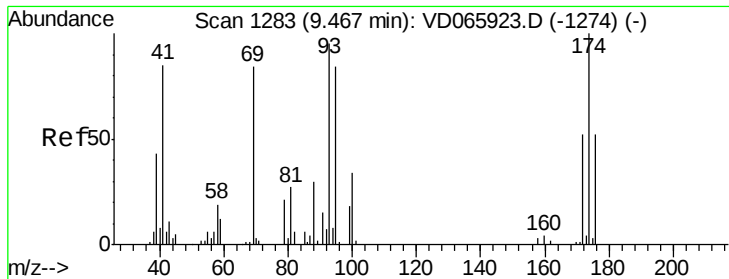
69 79.7 62.2 93.4

39 49.7 39.9 59.9



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





#49

1,4-Dioxane

Concen: 1016.974 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

BFB

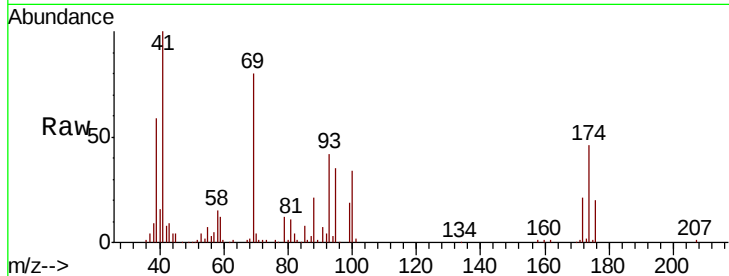
Tot Ion: 88 Resp: 28229

Ion Ratio Lower Upper

88 100

43 31.1 28.2 42.4

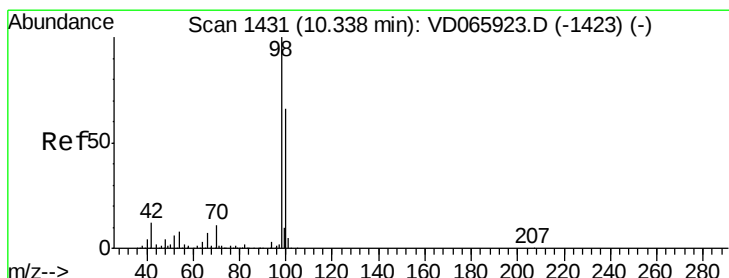
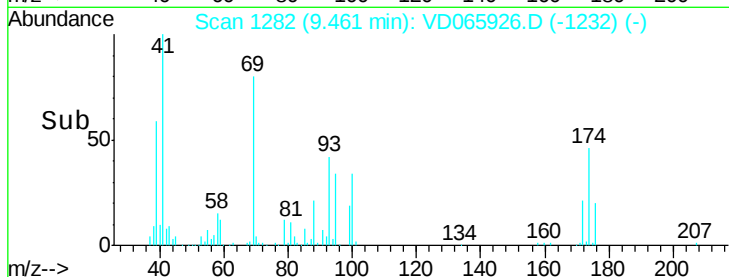
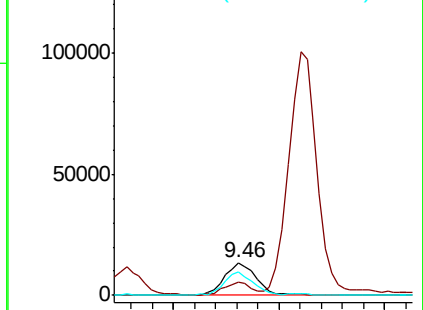
58 66.5 58.6 87.8



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.032 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065926.D

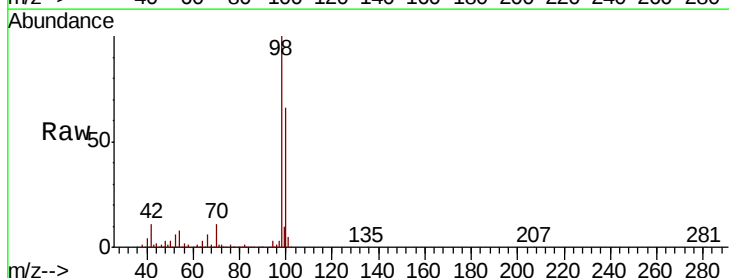
Acq: 07 Jul 2020 17:17

Tgt Ion: 98 Resp: 731260

Ion Ratio Lower Upper

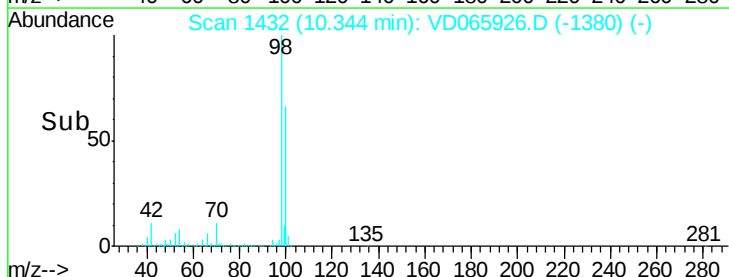
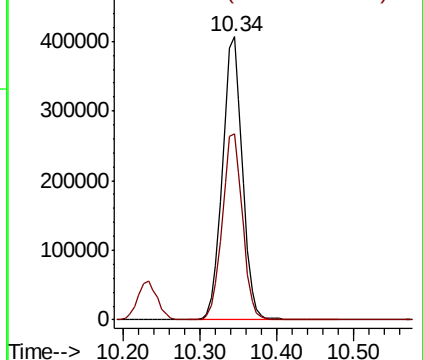
98 100

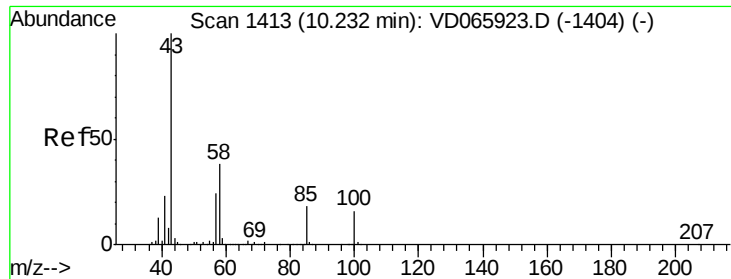
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

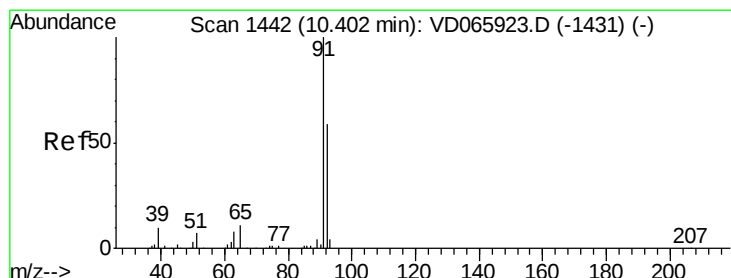
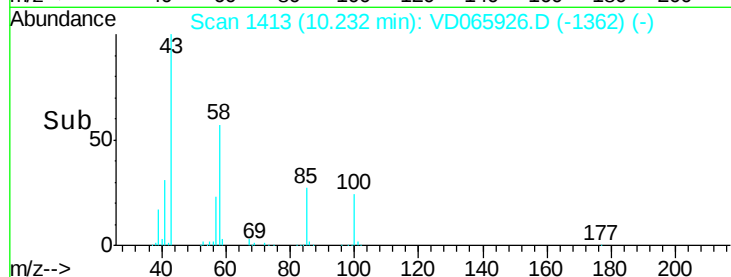
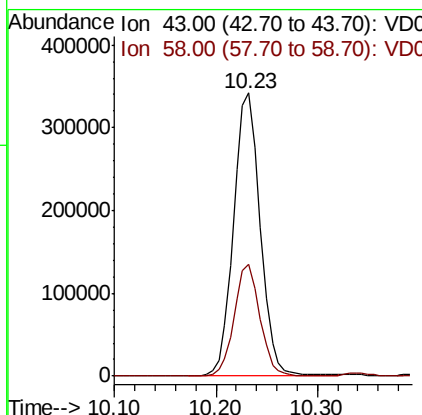
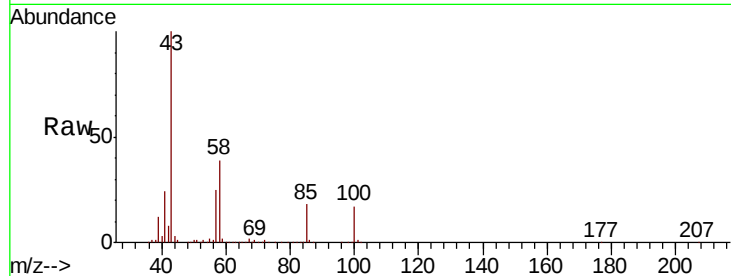




#51
 4-Methyl-2-Pentanone
 Concen: 242.518 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

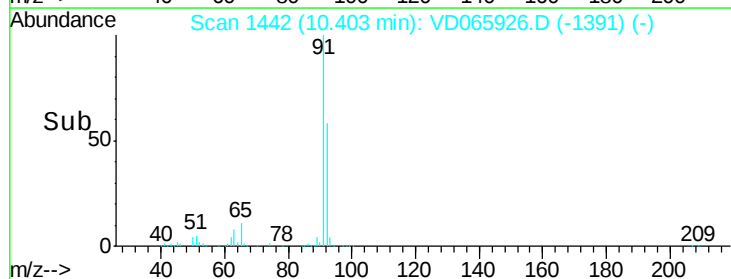
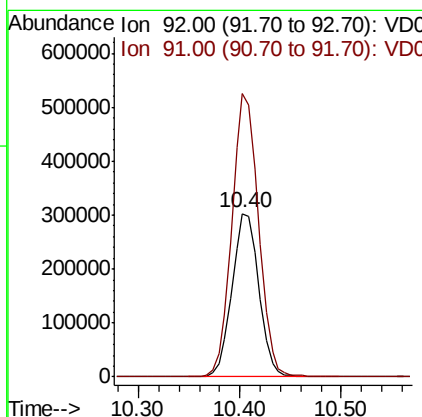
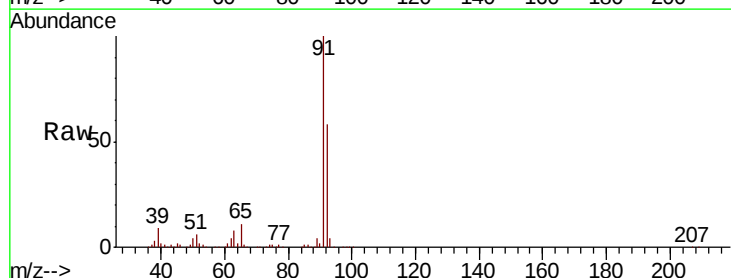
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

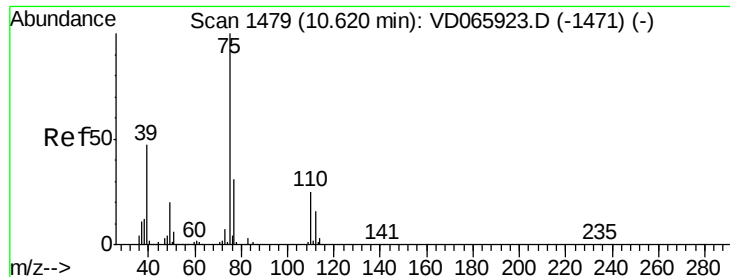
Tot Ion: 43 Resp: 625779
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.5 45.7



#52
 Toluene
 Concen: 48.609 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion: 92 Resp: 559090
 Ion Ratio Lower Upper
 92 100
 91 171.5 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 48.538 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

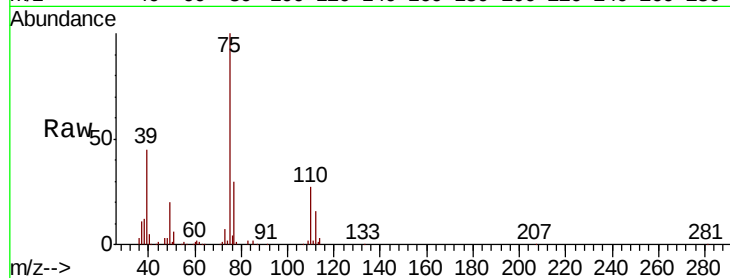
BFB

Tot Ion: 75 Resp: 286001

Ion Ratio Lower Upper

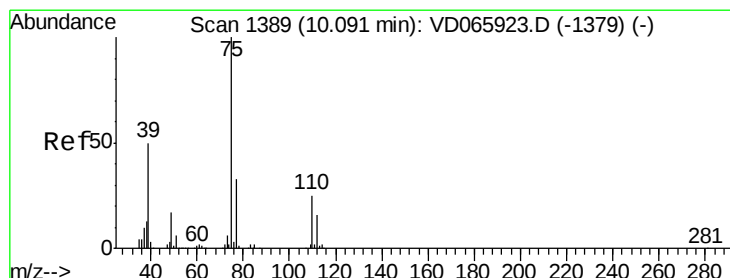
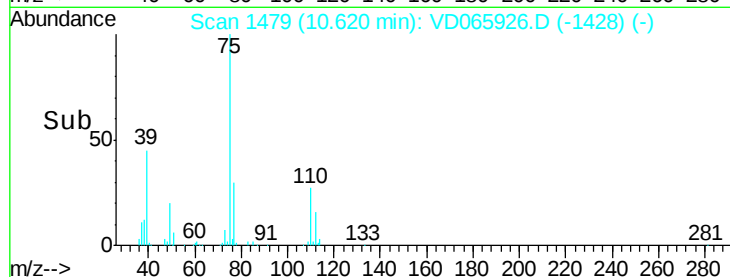
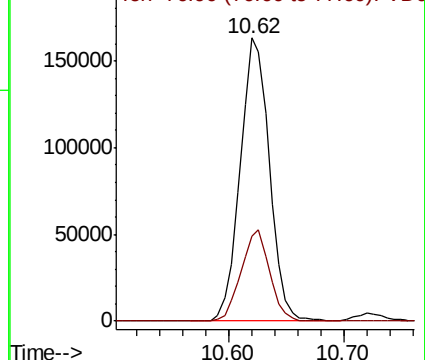
75 100

77 30.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 48.840 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

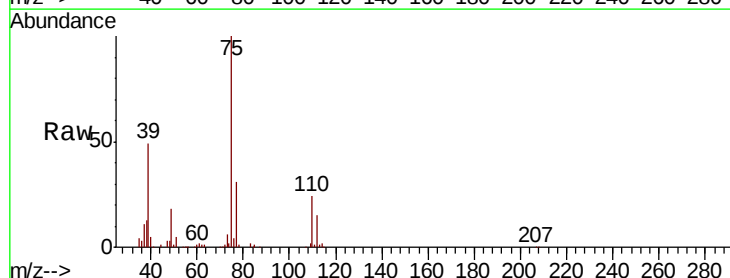
Tgt Ion: 75 Resp: 347732

Ion Ratio Lower Upper

75 100

77 31.0 26.6 39.8

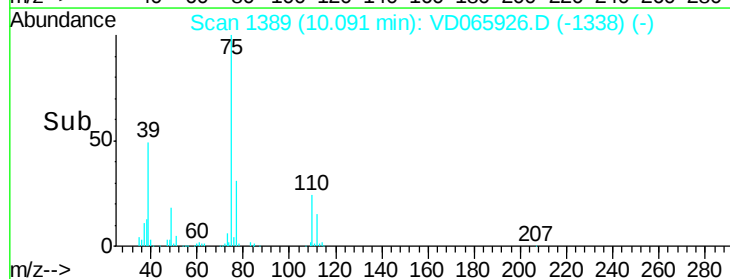
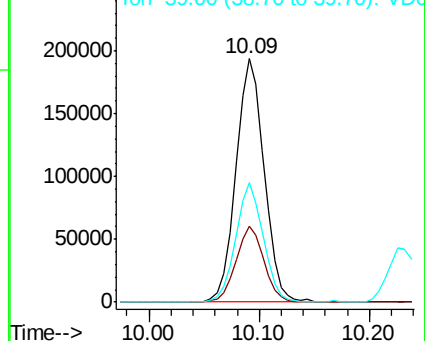
39 48.8 39.6 59.4

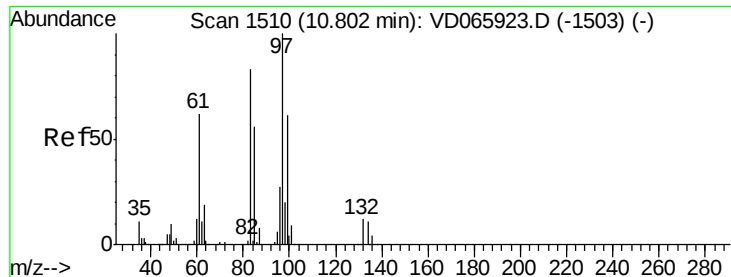


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC



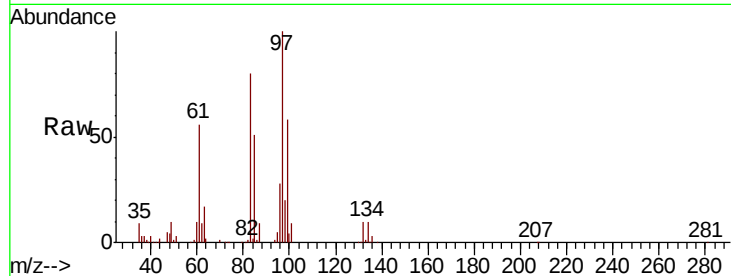


#55
 1,1,2-Trichloroethane
 Concen: 47.630 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

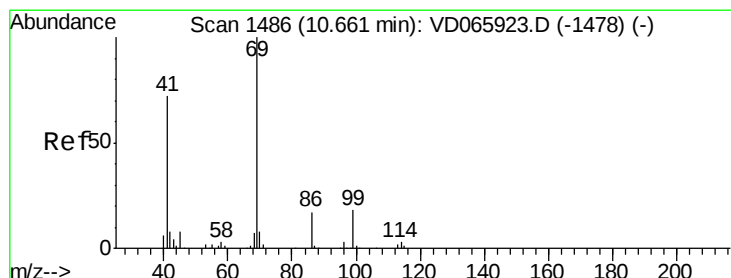
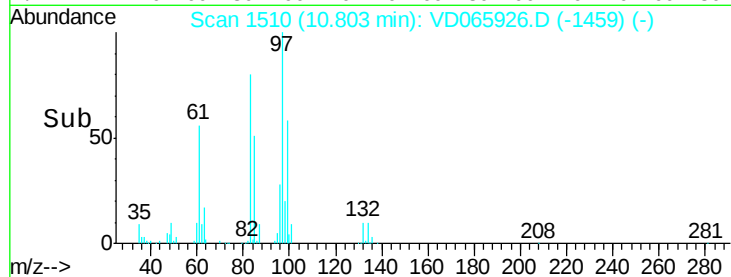
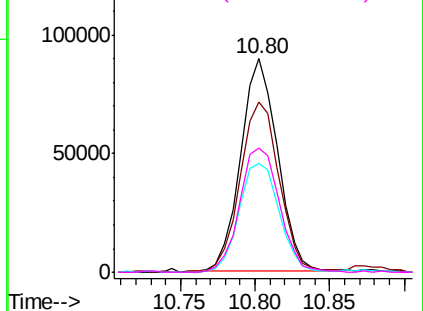
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tot Ion: 97 Resp: 153307

Ion	Ratio	Lower	Upper
97	100		
83	80.2	66.9	100.3
85	51.4	44.5	66.7
99	58.5	49.2	73.8



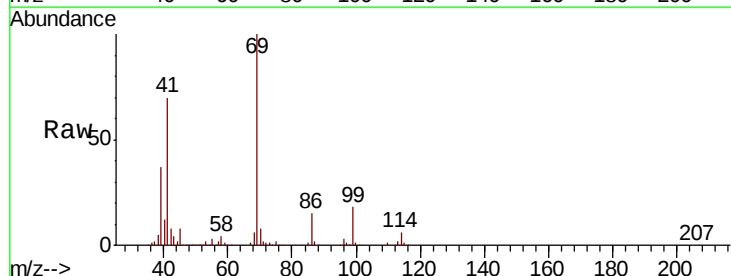
Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC



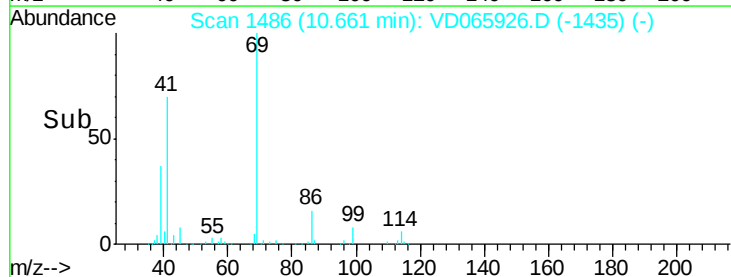
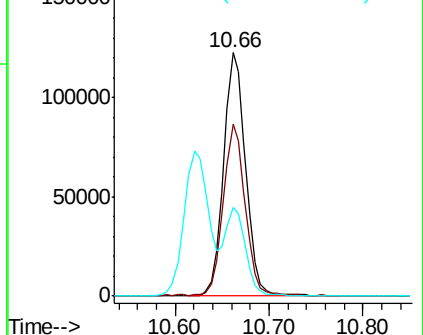
#56
 Ethyl methacrylate
 Concen: 50.840 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

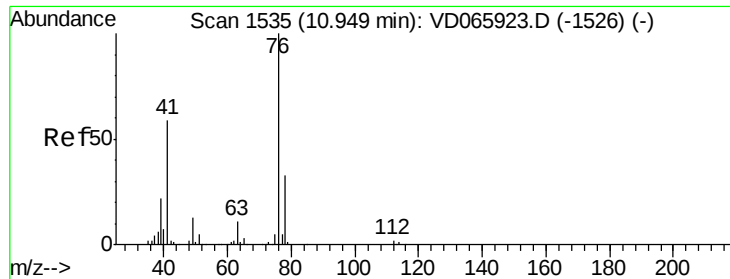
Tgt Ion: 69 Resp: 199867

Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.5	84.7
39	35.9	29.2	43.8



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

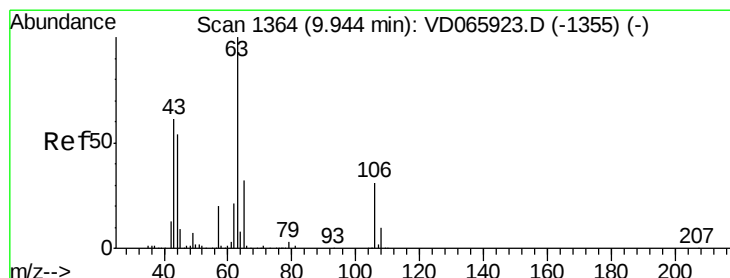
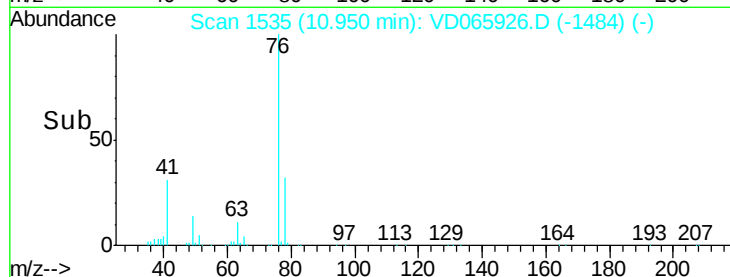
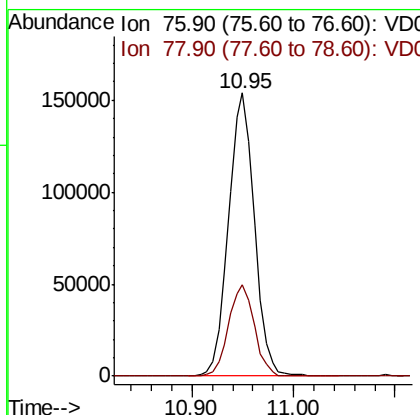
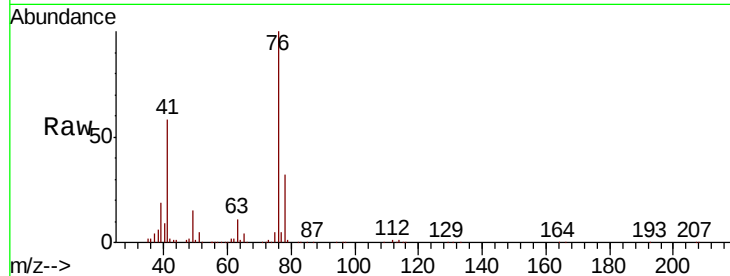




#57
 1,3-Dichloropropane
 Concen: 48.378 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

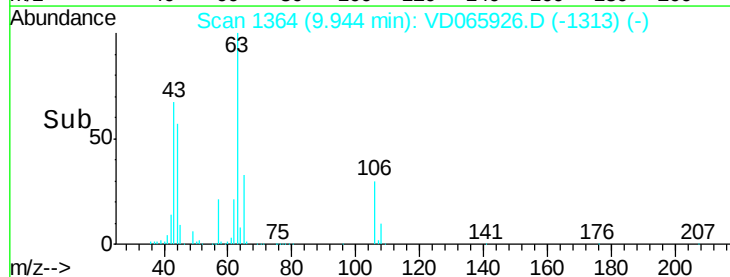
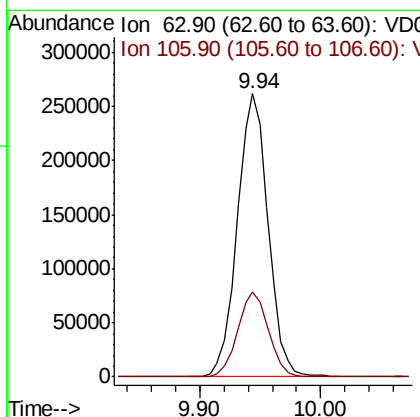
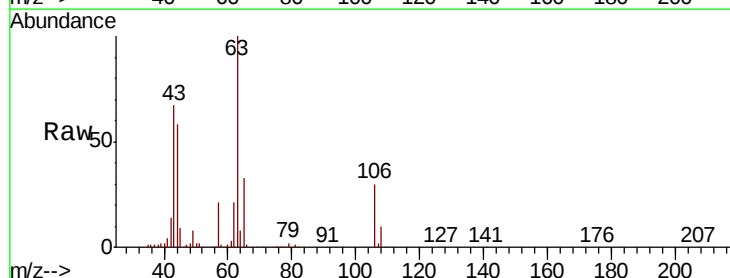
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

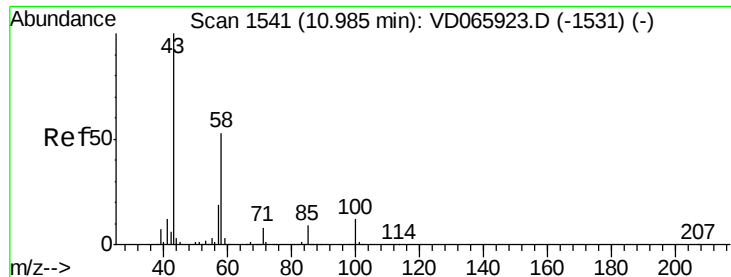
Tot Ion: 76 Resp: 272316
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.863 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion: 63 Resp: 464298
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.8 35.6

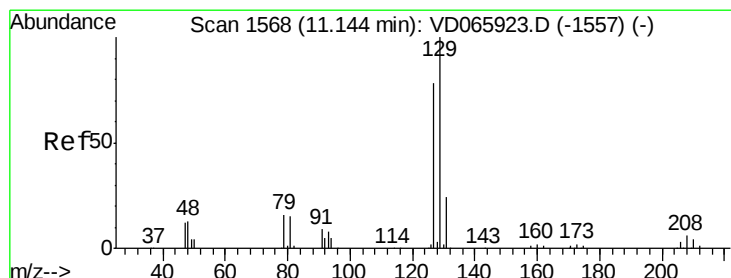
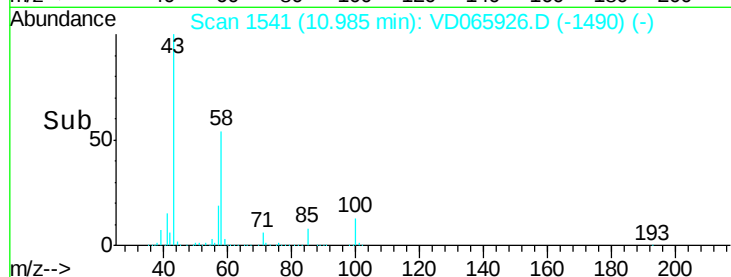
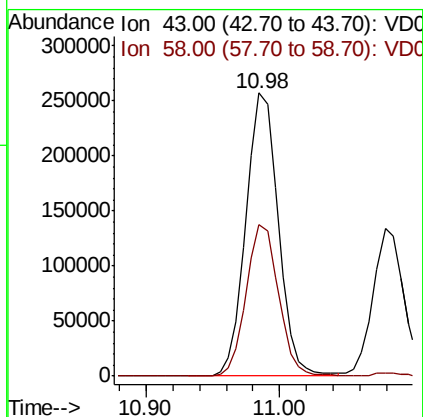
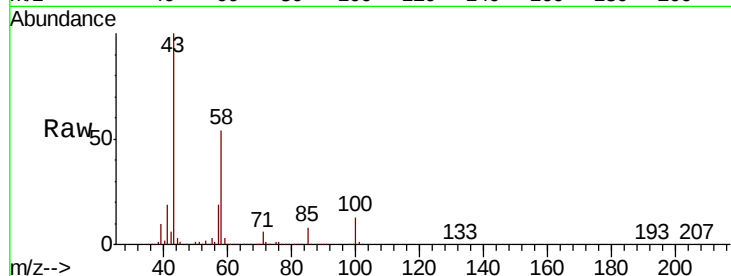




#59
2-Hexanone
Concen: 242.655 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

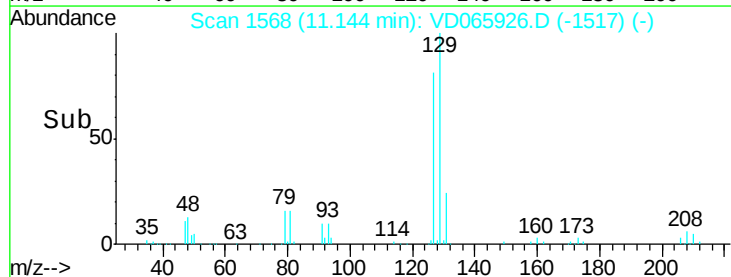
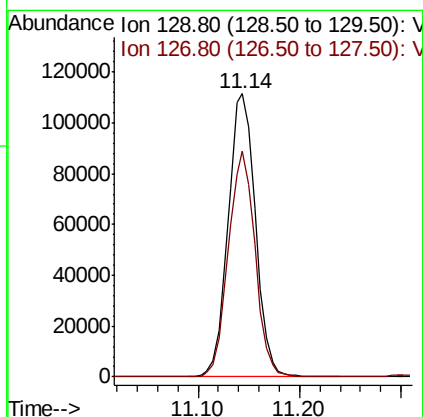
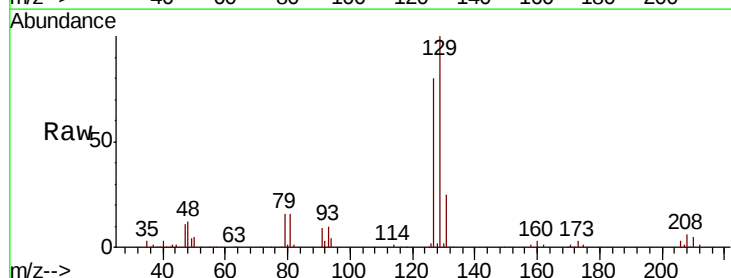
Instrument :
MSVOA_D
ClientSampled :
BFB

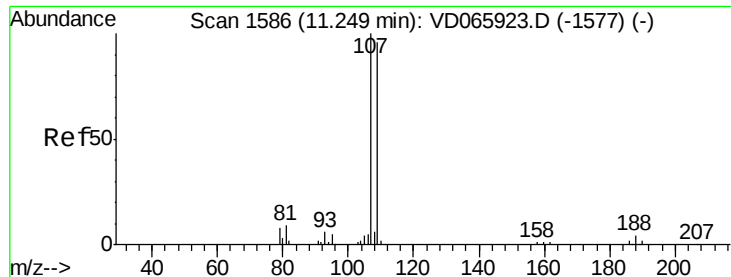
Tot Ion: 43 Resp: 430615
Ion Ratio Lower Upper
43 100
58 53.5 26.6 79.8



#60
Dibromochloromethane
Concen: 47.436 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 129 Resp: 208601
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

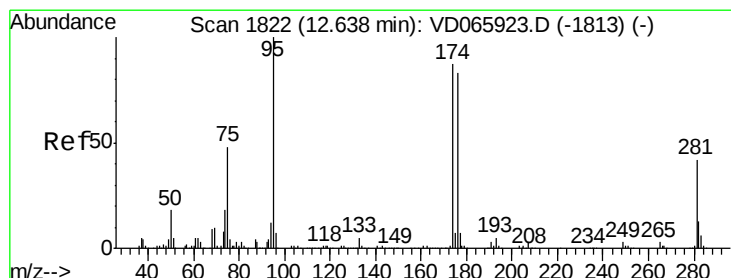
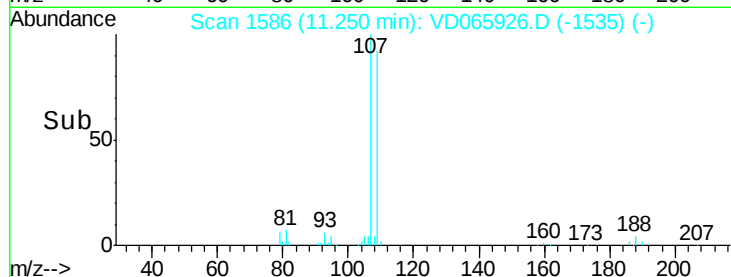
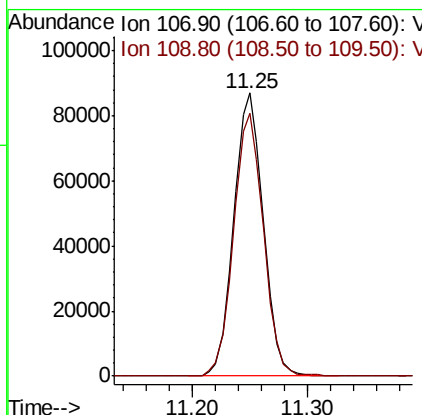
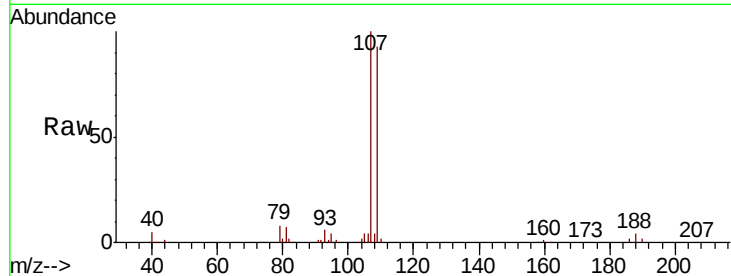




#61
 1,2-Dibromoethane
 Concen: 47.863 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

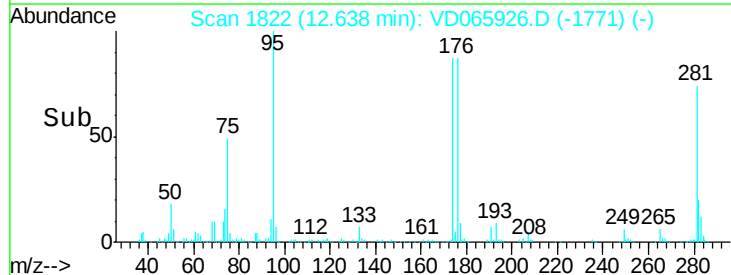
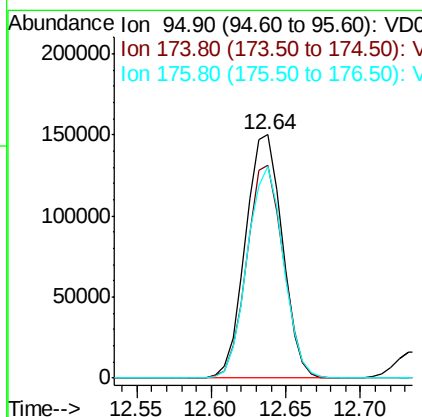
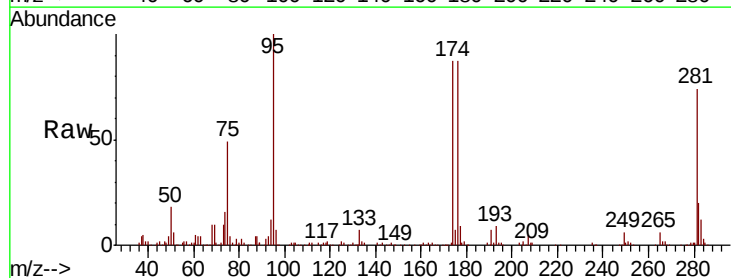
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

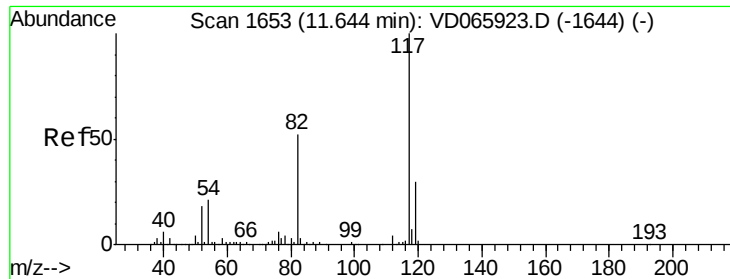
Tot Ion:107 Resp: 153602
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.107 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion: 95 Resp: 256622
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 169.4
 176 85.1 0.0 164.0

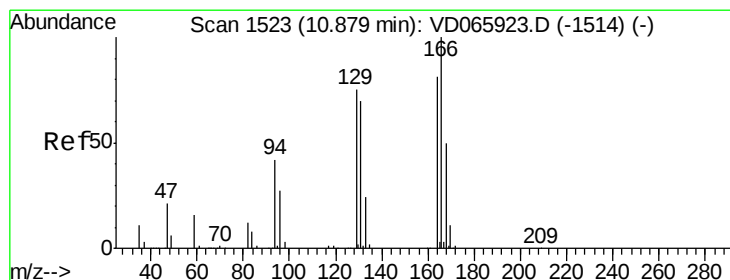
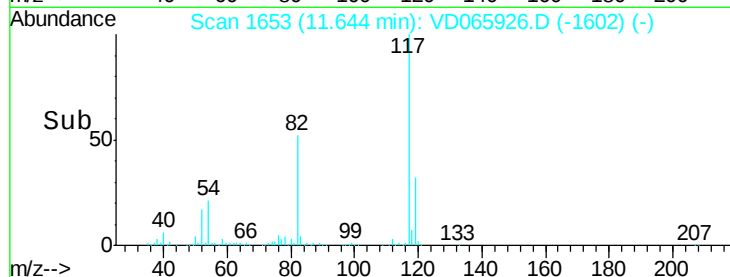
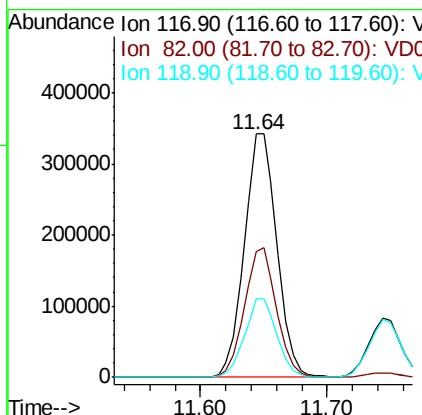
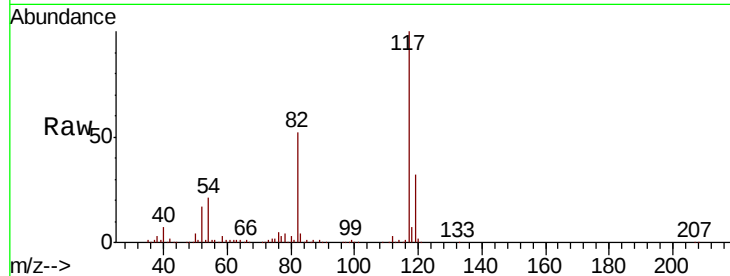




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

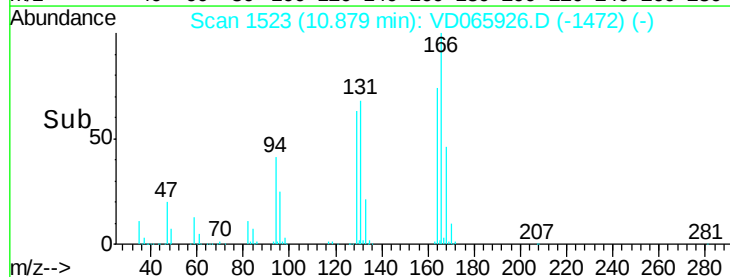
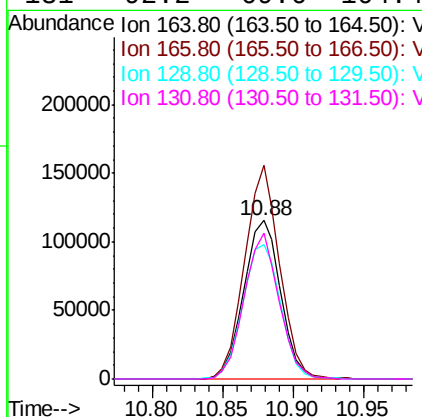
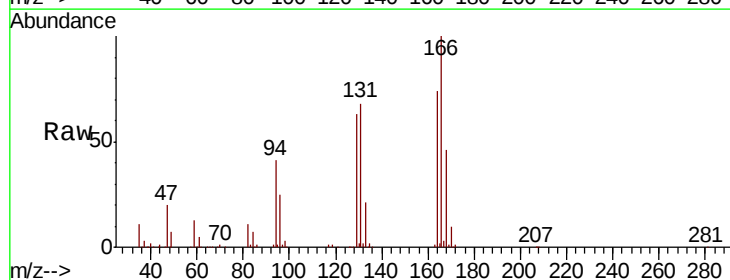
Instrument :
MSVOA_D
ClientSampled :
BFB

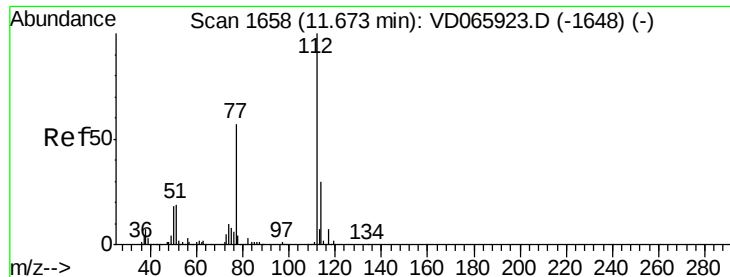
Tot Ion:117 Resp: 608868
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.3 24.3 36.5



#64
Tetrachloroethene
Concen: 47.840 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion:164 Resp: 211827
Ion Ratio Lower Upper
164 100
166 134.7 99.0 148.4
129 84.7 73.9 110.9
131 92.2 69.6 104.4

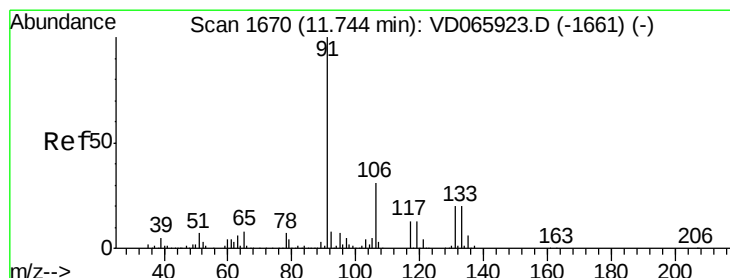
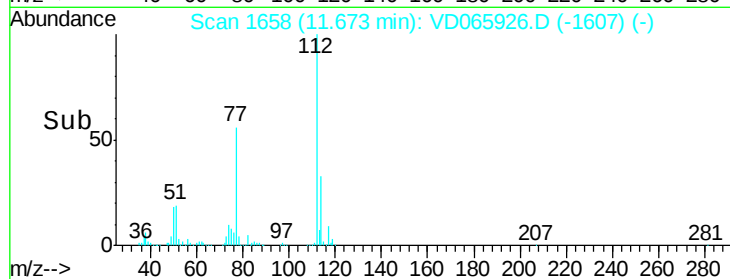
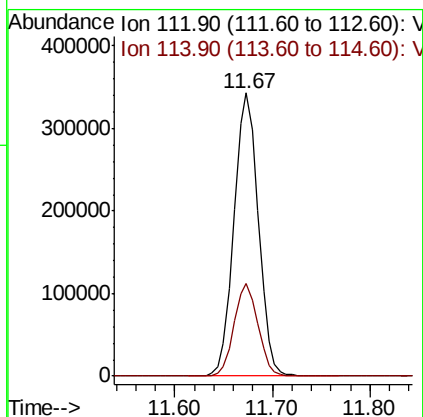
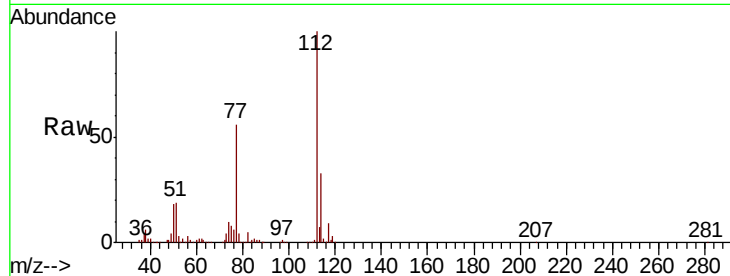




#65
Chlorobenzene
Concen: 48.409 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

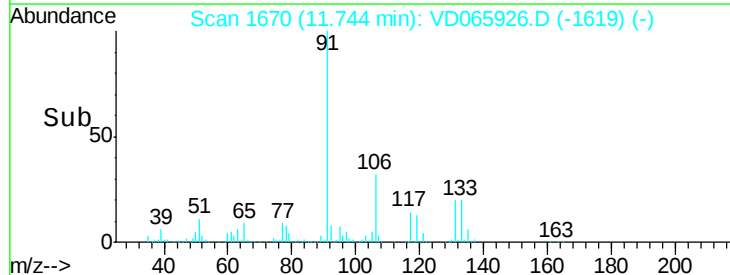
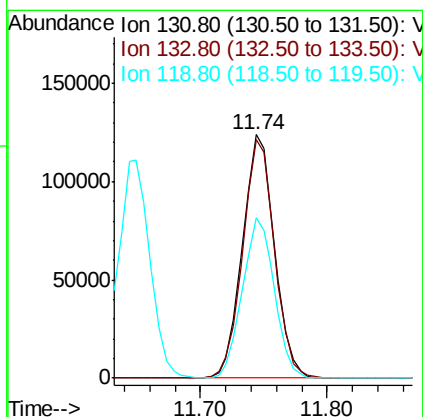
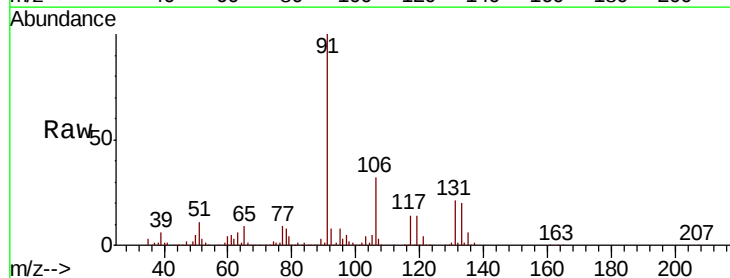
Instrument :
MSVOA_D
ClientSampleId :
BFB

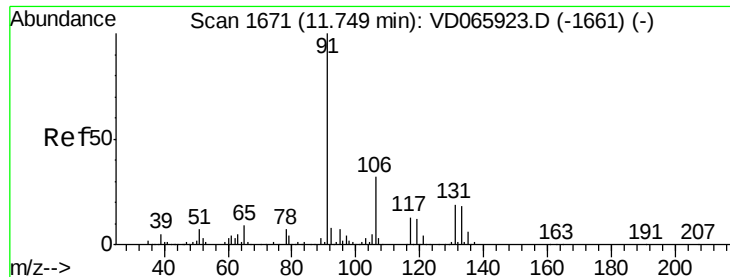
Tot Ion:112 Resp: 593980
Ion Ratio Lower Upper
112 100
114 32.7 24.2 36.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.275 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion:131 Resp: 216956
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.6
119 65.8 31.9 95.9





#67

Ethyl Benzene

Concen: 48.410 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

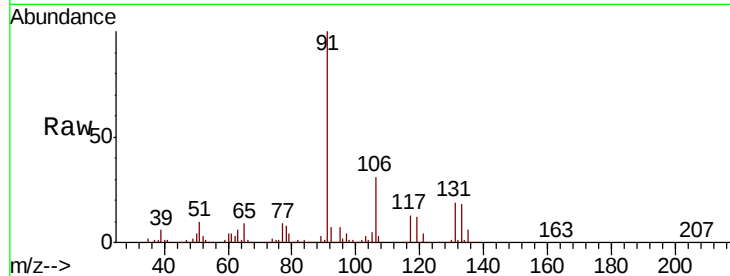
BFB

Tot Ion: 91 Resp: 1055224

Ion Ratio Lower Upper

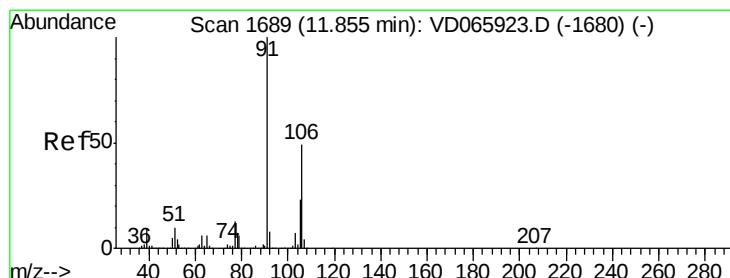
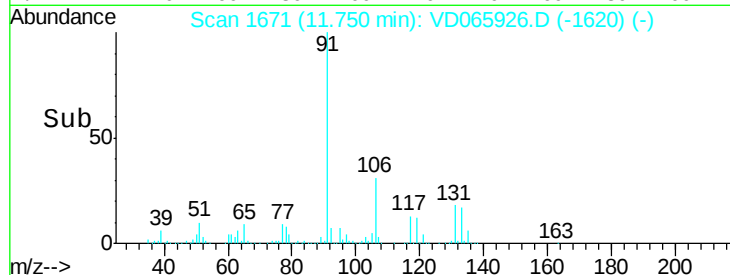
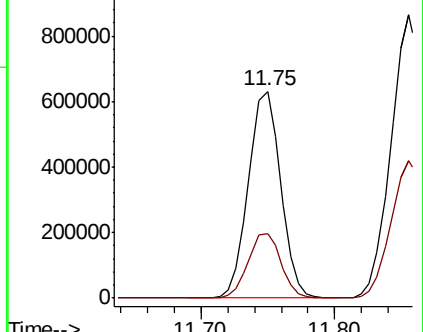
91 100

106 31.4 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 96.303 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065926.D

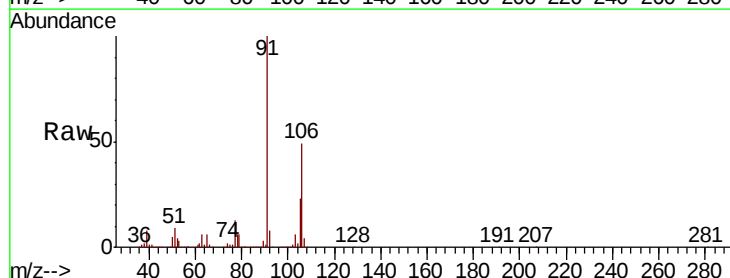
Acq: 07 Jul 2020 17:17

Tgt Ion: 106 Resp: 797535

Ion Ratio Lower Upper

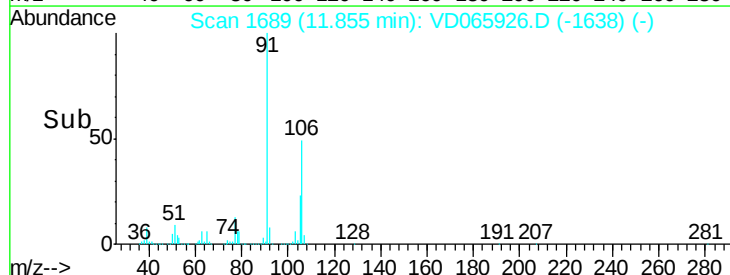
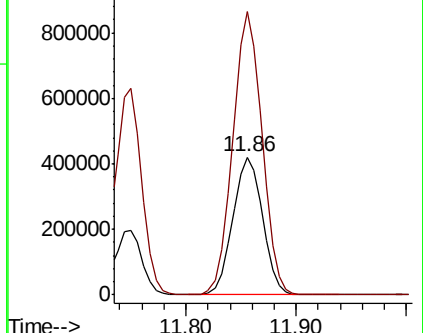
106 100

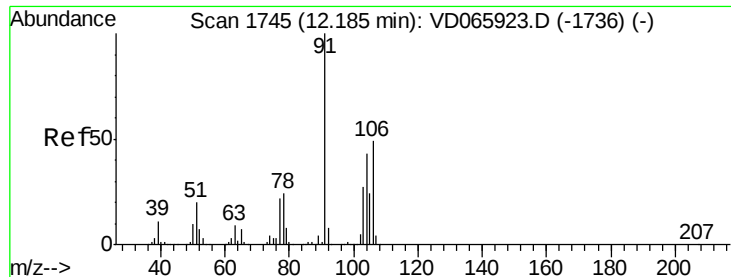
91 201.6 158.2 237.2



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

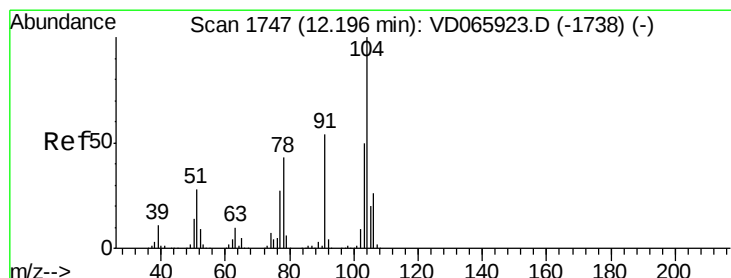
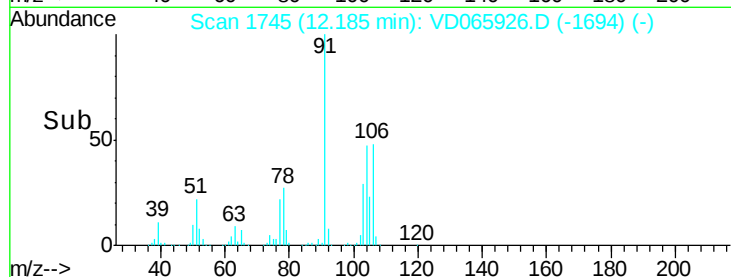
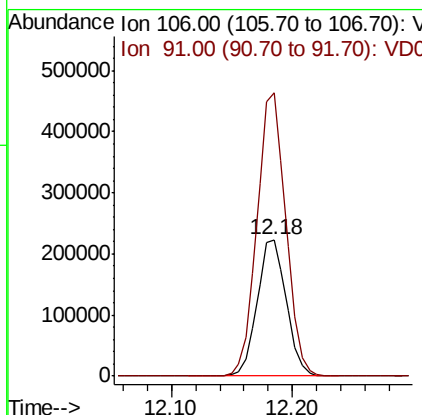
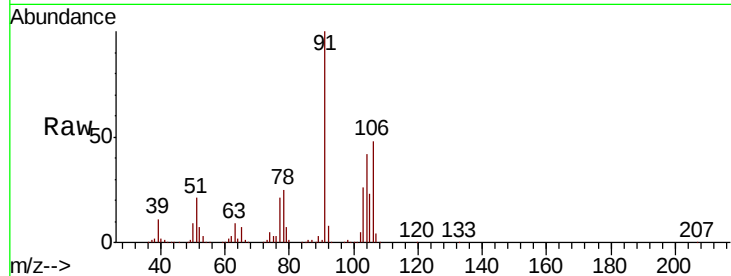




#69
o-Xylene
Concen: 49.612 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

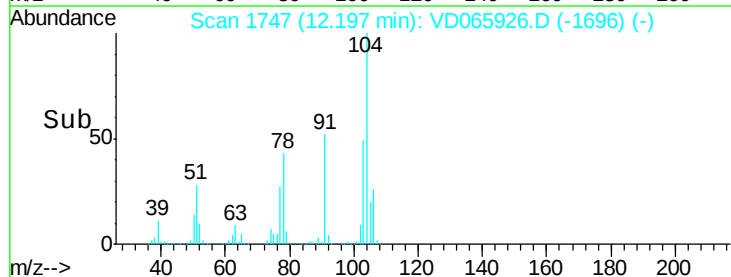
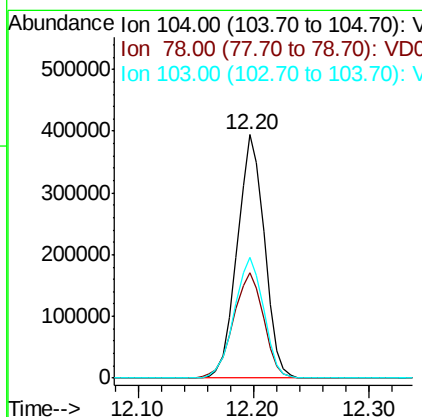
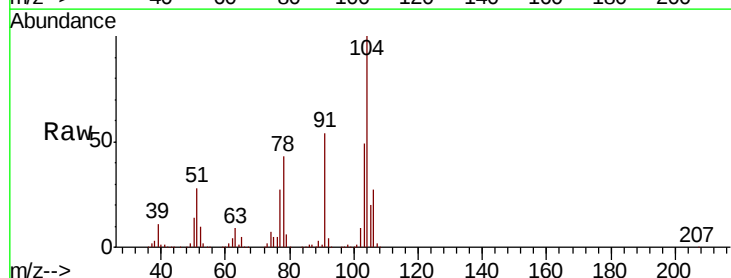
Instrument :
MSVOA_D
ClientSampled :
BFB

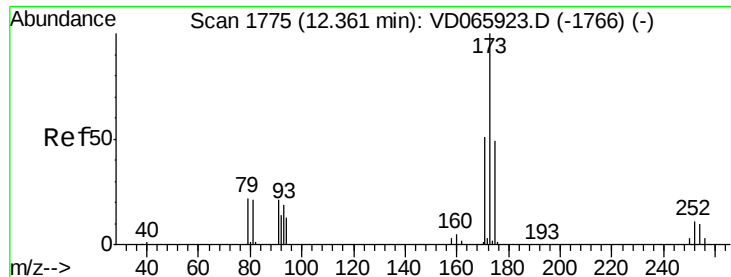
Tot Ion:106 Resp: 374277
Ion Ratio Lower Upper
106 100
91 206.8 104.1 312.2



#70
Styrene
Concen: 49.417 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion:104 Resp: 643557
Ion Ratio Lower Upper
104 100
78 48.0 38.8 58.2
103 53.7 43.6 65.4





#71

Bromoform

Concen: 47.790 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

BFB

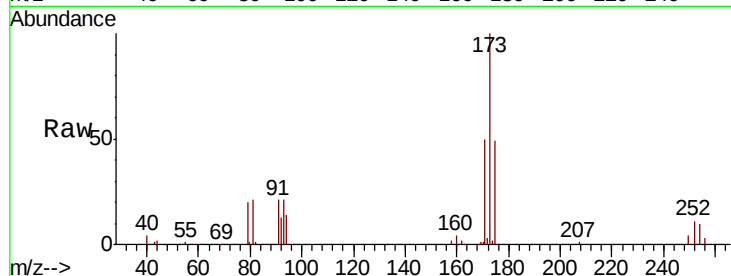
Tot Ion:173 Resp: 124101

Ion Ratio Lower Upper

173 100

175 49.8 24.2 72.6

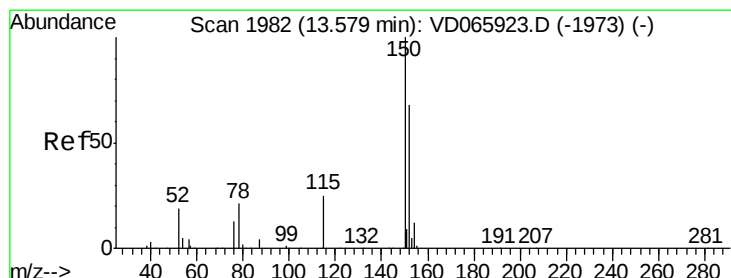
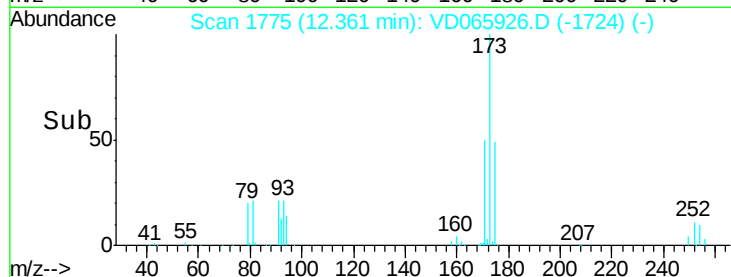
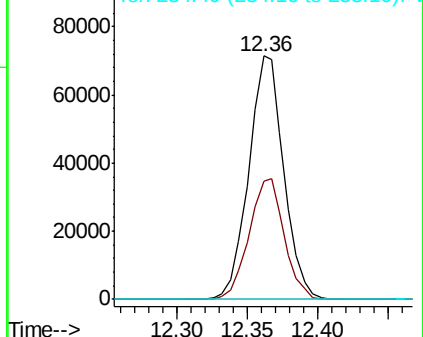
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

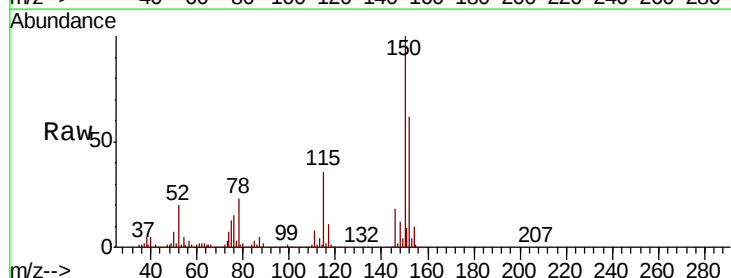
Tgt Ion:152 Resp: 296289

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

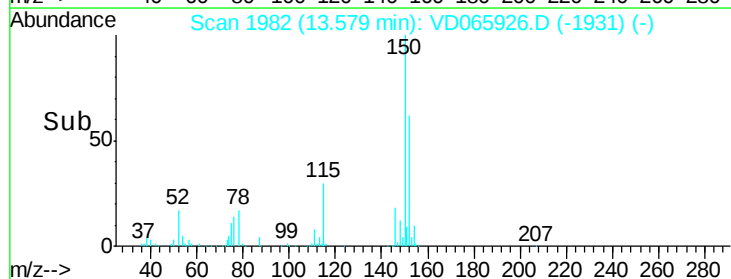
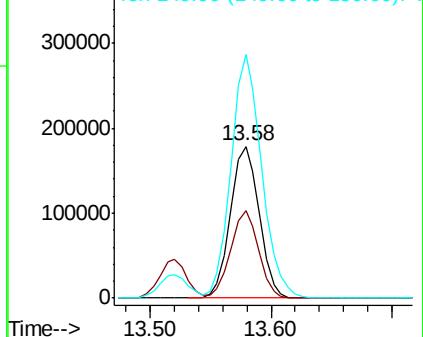
150 170.9 0.0 347.2

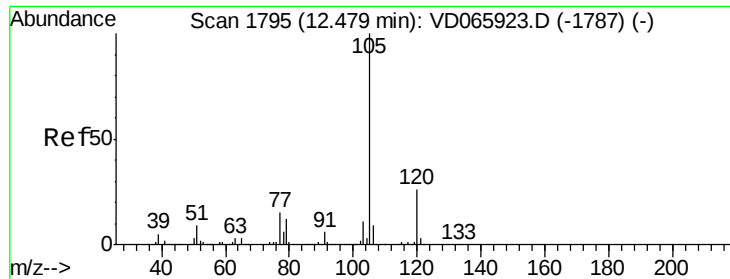


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

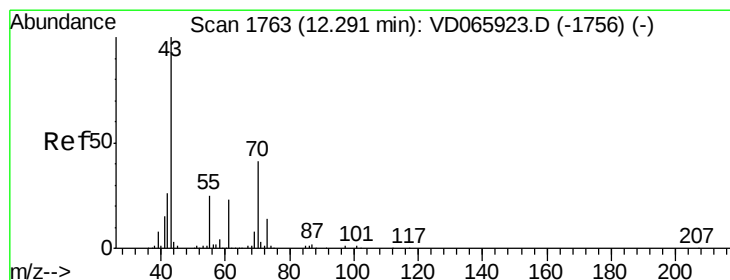
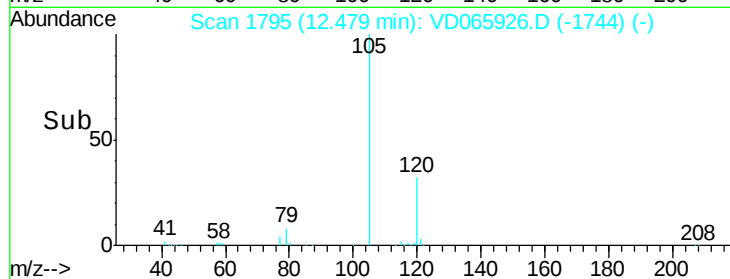
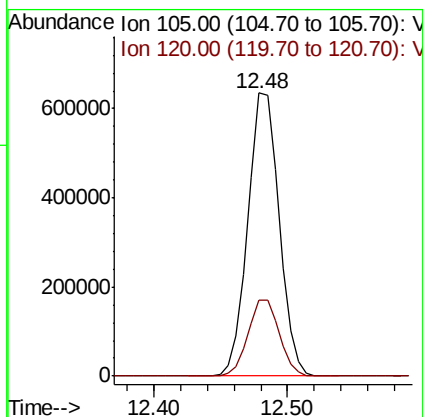
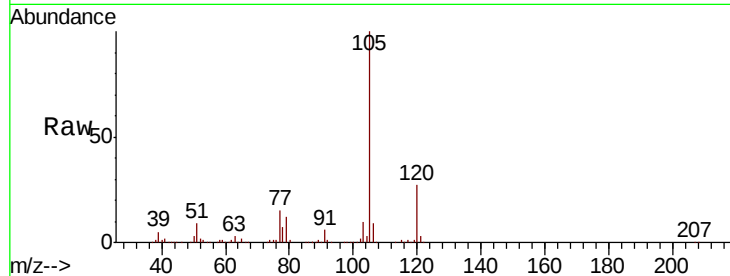




#73
Isopropylbenzene
Concen: 49.653 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

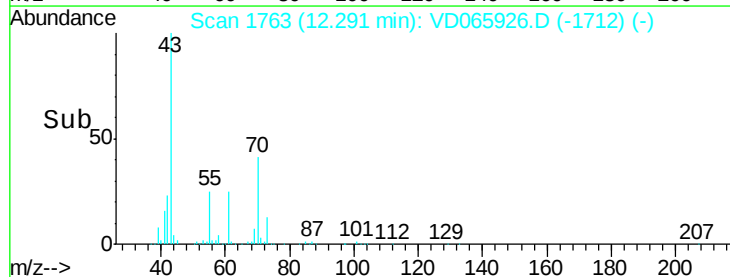
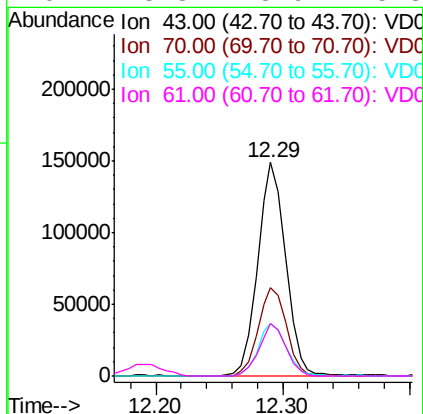
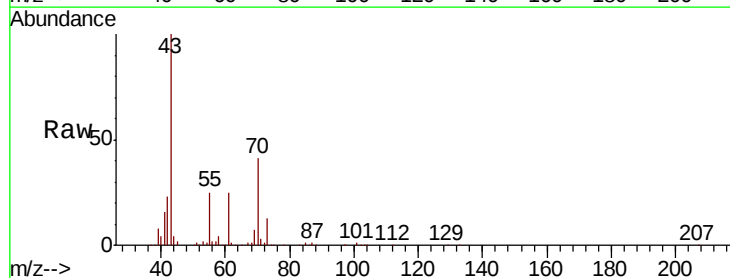
Instrument :
MSVOA_D
ClientSampleId :
BFB

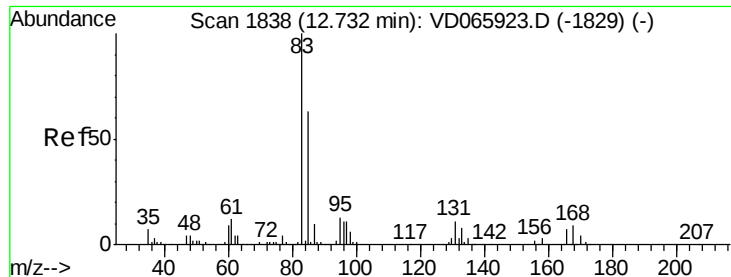
Tot Ion:105 Resp: 1026731
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.8



#74
N-ethyl acetate
Concen: 49.404 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 43 Resp: 229239
Ion Ratio Lower Upper
43 100
70 41.9 33.6 50.4
55 24.9 20.1 30.1
61 23.8 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.163 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

BFB

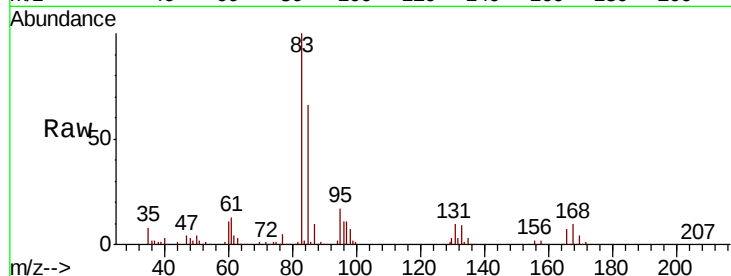
Tot Ion: 83 Resp: 165343

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

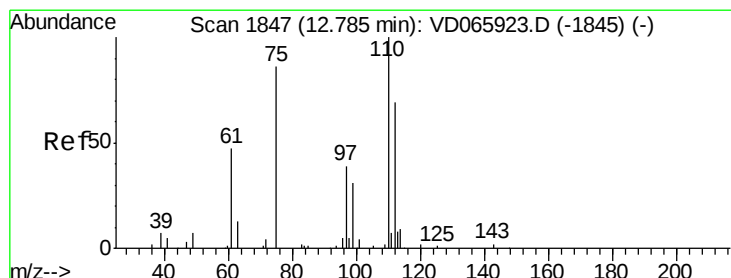
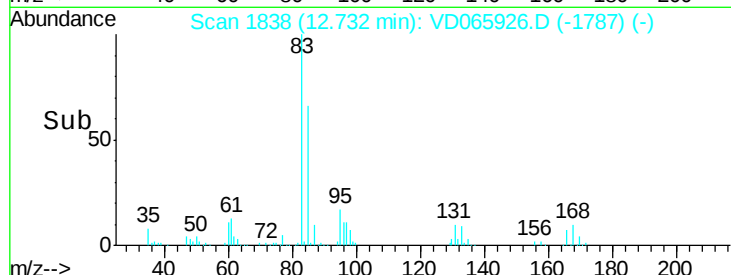
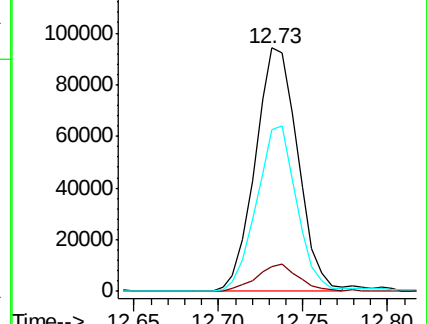
85 63.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 86.838 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD065926.D

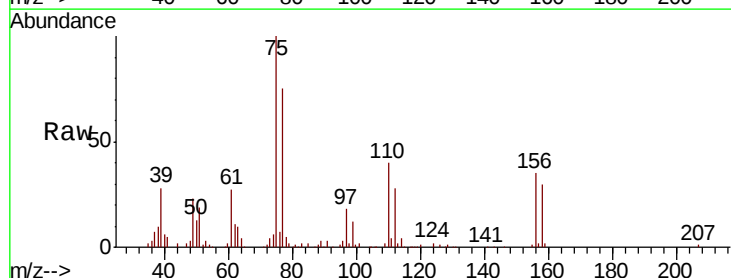
Acq: 07 Jul 2020 17:17

Tgt Ion: 75 Resp: 215833

Ion Ratio Lower Upper

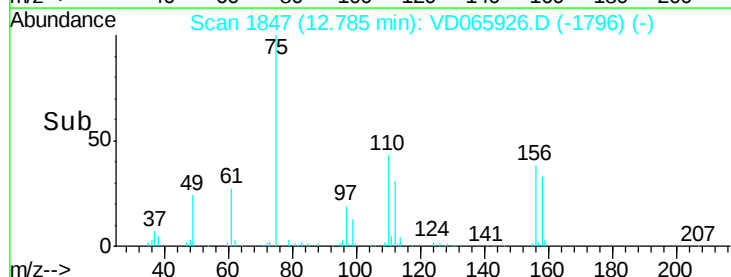
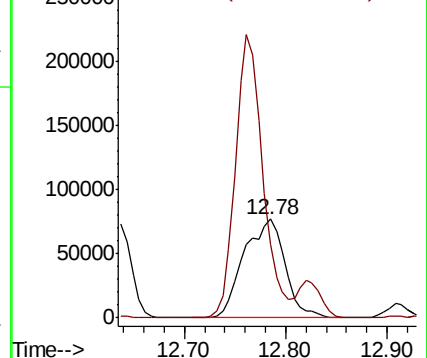
75 100

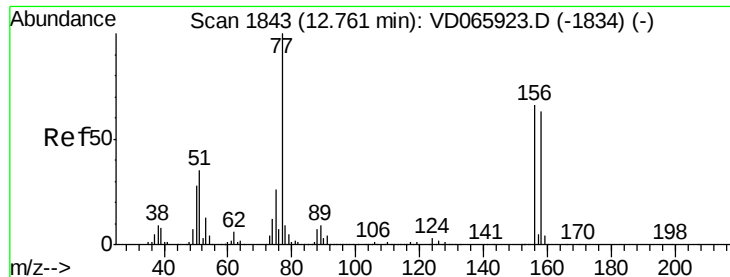
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 49.512 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

BFB

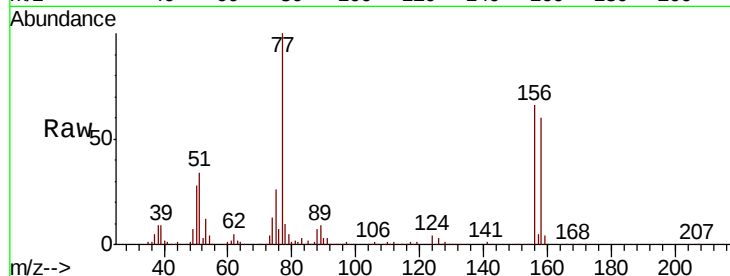
Tot Ion:156 Resp: 248322

Ion Ratio Lower Upper

156 100

77 166.6 85.0 255.0

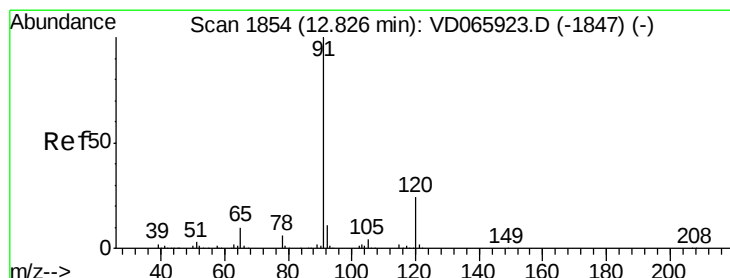
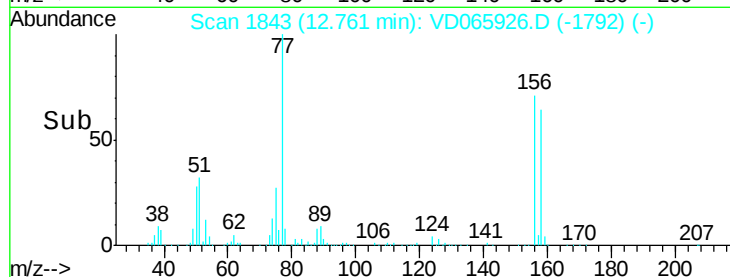
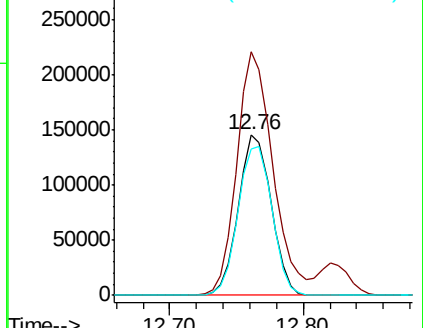
158 95.4 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.080 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD065926.D

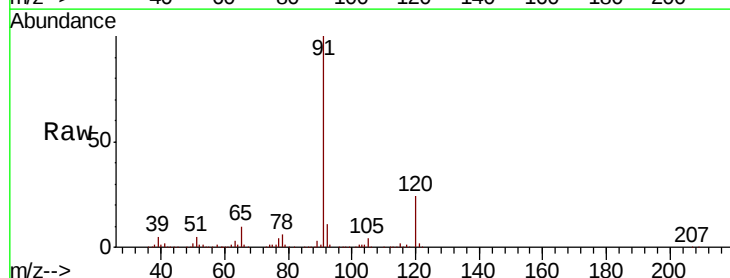
Acq: 07 Jul 2020 17:17

Tgt Ion: 91 Resp: 1189845

Ion Ratio Lower Upper

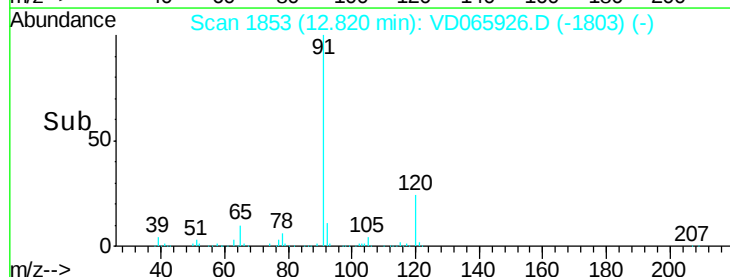
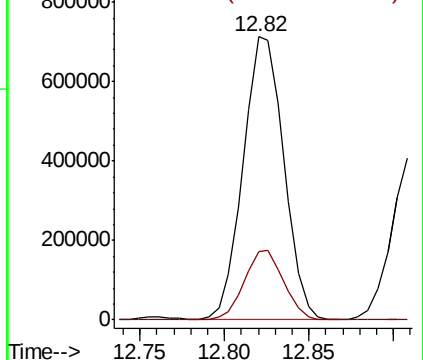
91 100

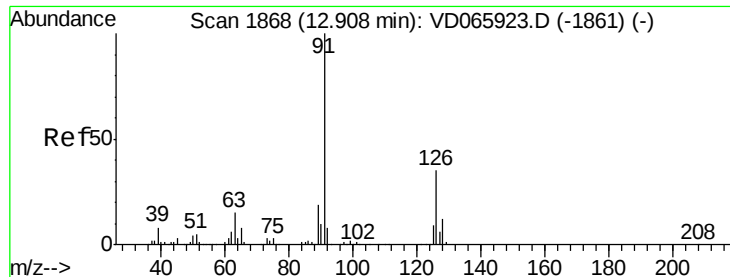
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.855 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

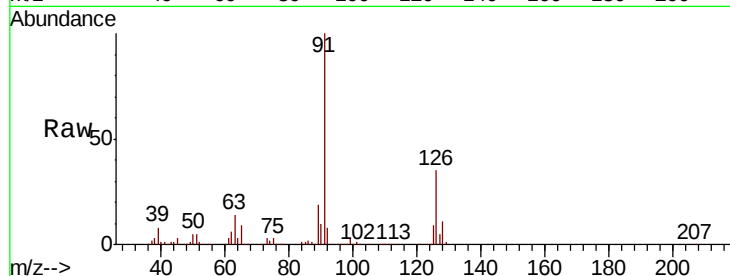
BFB

Tot Ion: 91 Resp: 671915

Ion Ratio Lower Upper

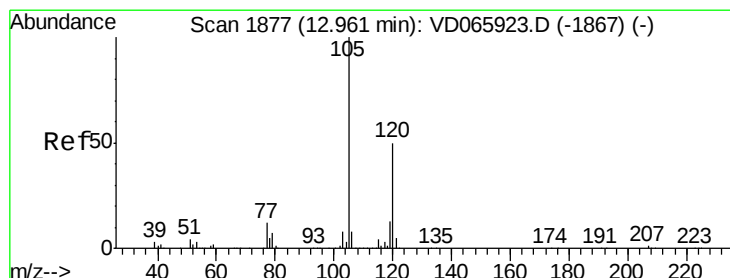
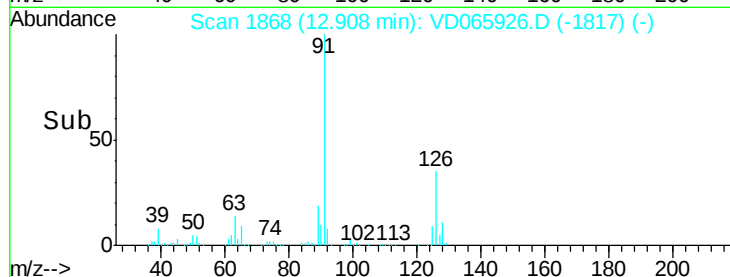
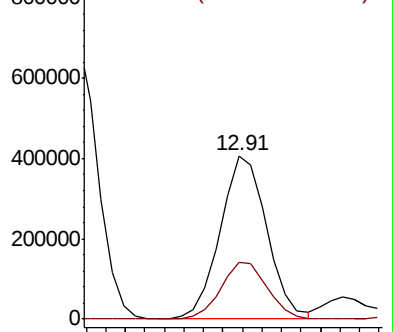
91 100

126 34.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.929 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065926.D

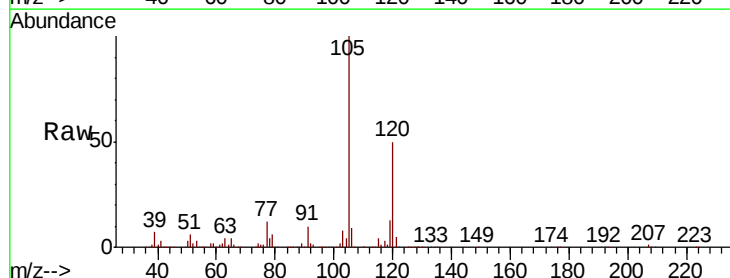
Acq: 07 Jul 2020 17:17

Tgt Ion:105 Resp: 844473

Ion Ratio Lower Upper

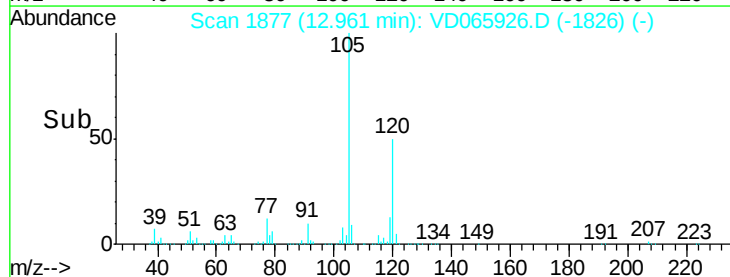
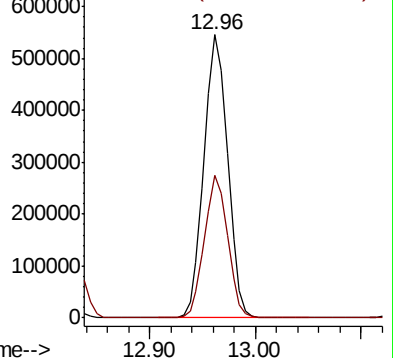
105 100

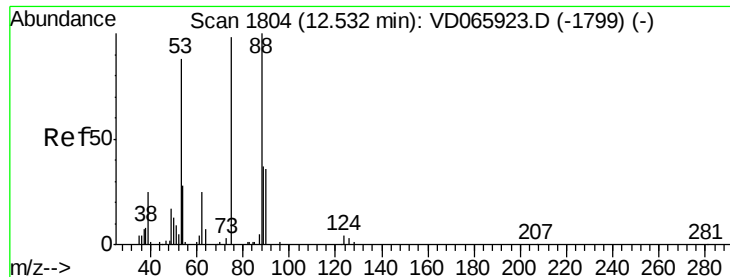
120 49.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.442 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

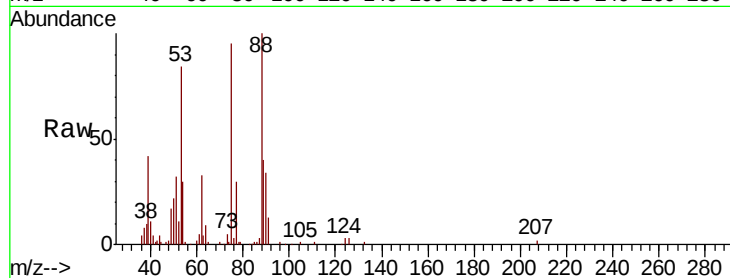
MSVOA_D

ClientSampleId :

BFB

Tot Ion: 75 Resp: 54877

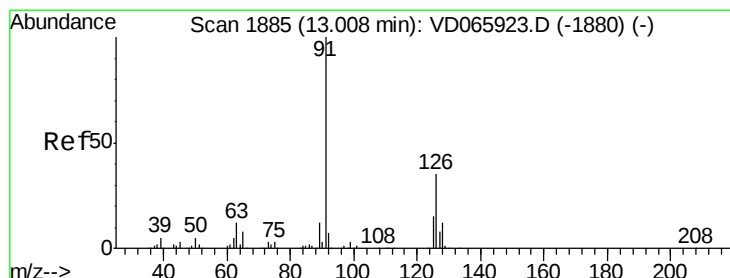
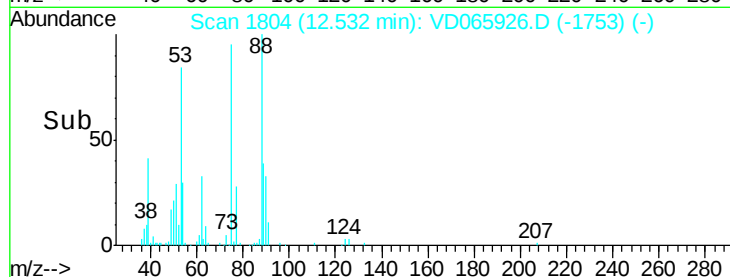
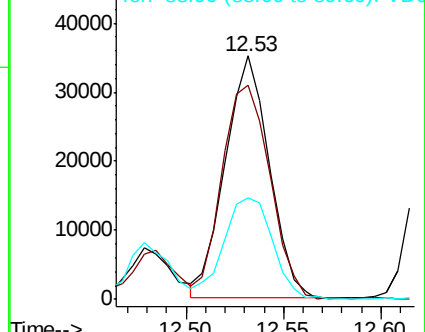
Ion	Ratio	Lower	Upper
75	100		
53	97.4	75.8	113.8
89	46.6	37.5	56.3



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: 48.315 ug/l

RT: 13.01 min Scan# 1885

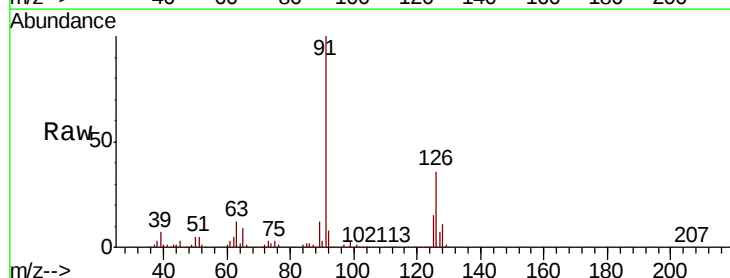
Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

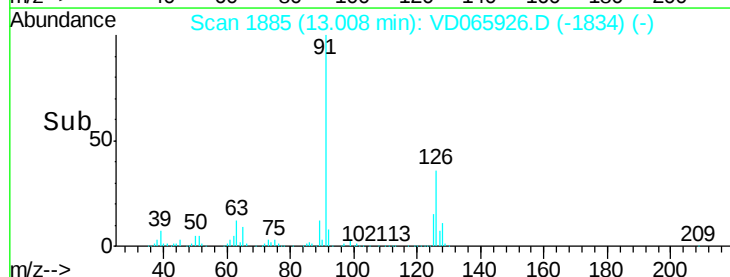
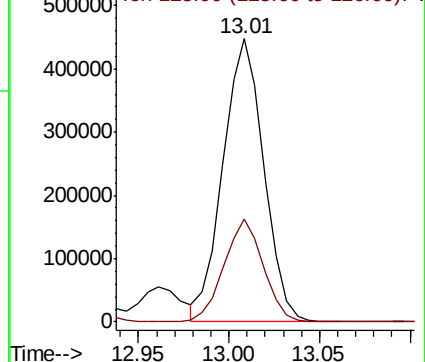
Tgt Ion: 91 Resp: 697171

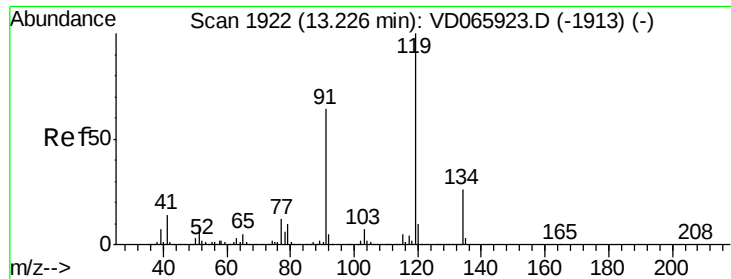
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	51.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

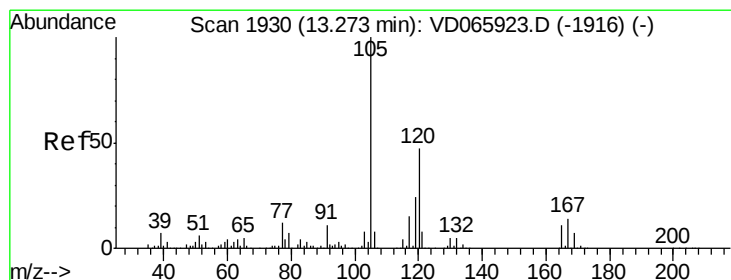
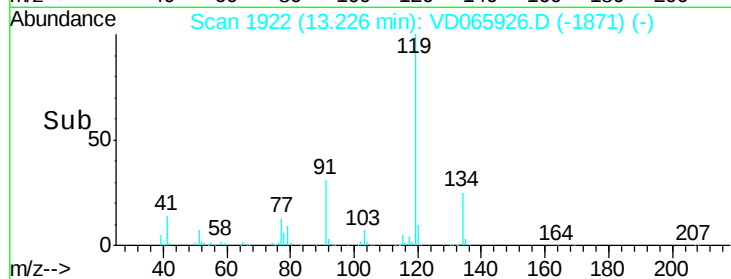
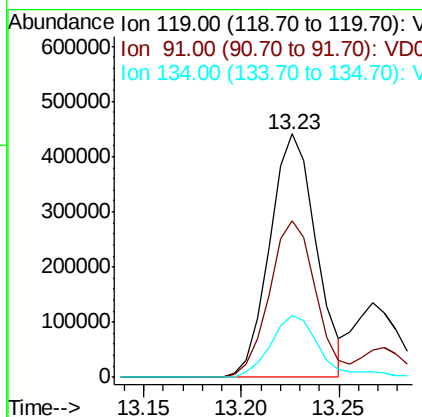
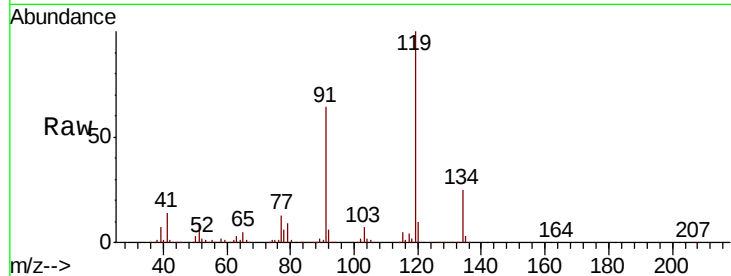




#83
tert-Butylbenzene
Concen: 50.285 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

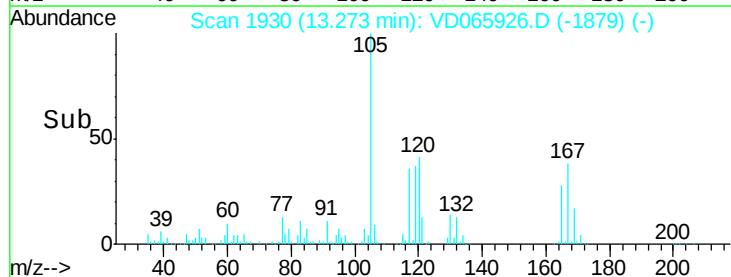
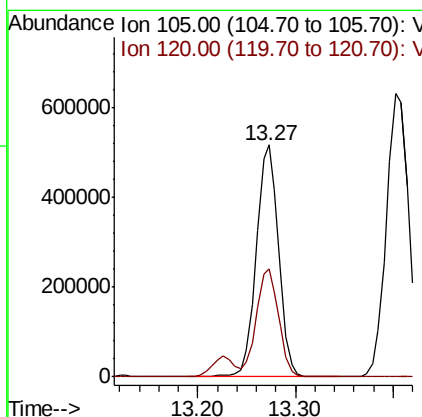
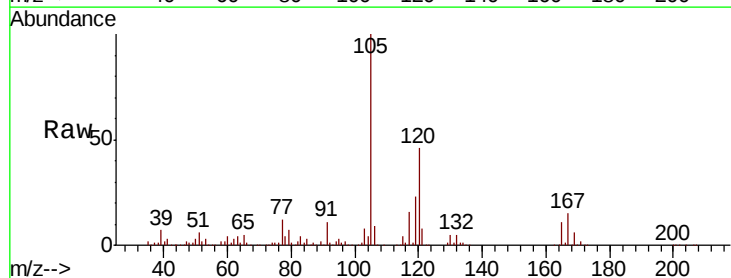
Instrument :
MSVOA_D
ClientSampleId :
BFB

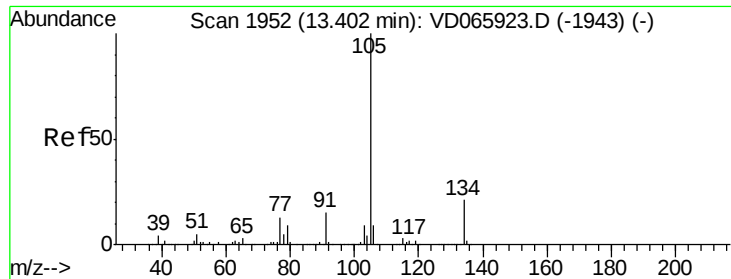
Tot Ion:119 Resp: 724589
Ion Ratio Lower Upper
119 100
91 64.6 32.4 97.2
134 27.2 14.1 42.4



#84
1,2,4-Trimethylbenzene
Concen: 49.433 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion:105 Resp: 832248
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 49.613 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

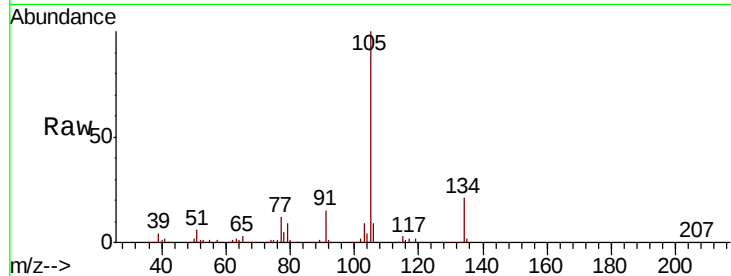
BFB

Tot Ion:105 Resp: 1013153

Ion Ratio Lower Upper

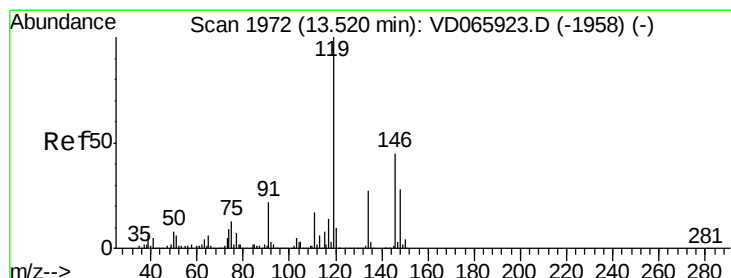
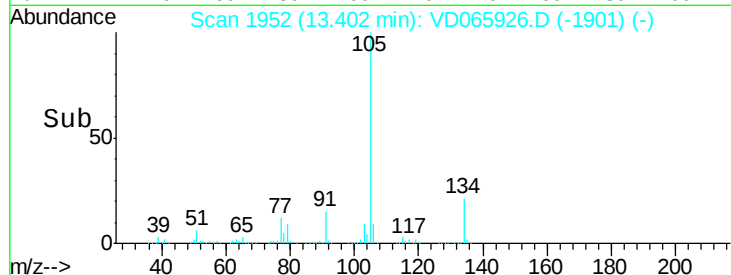
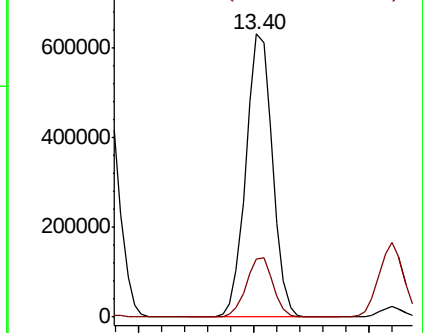
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.175 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

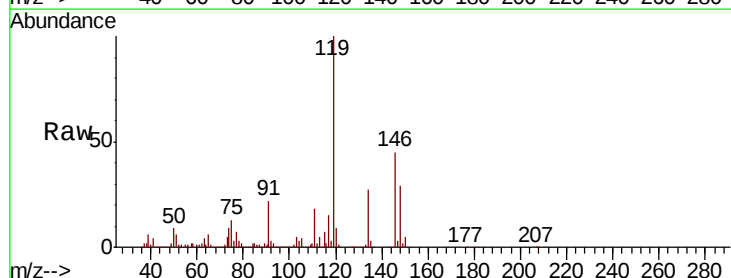
Tgt Ion:119 Resp: 937178

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

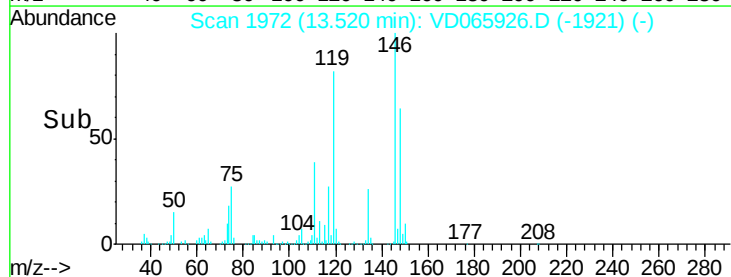
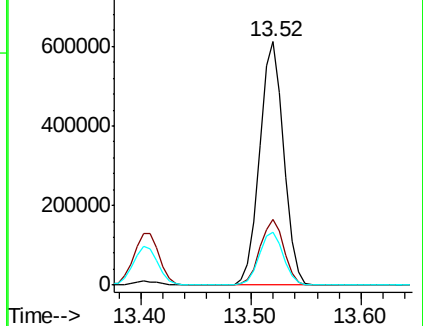
91 21.8 11.3 33.8

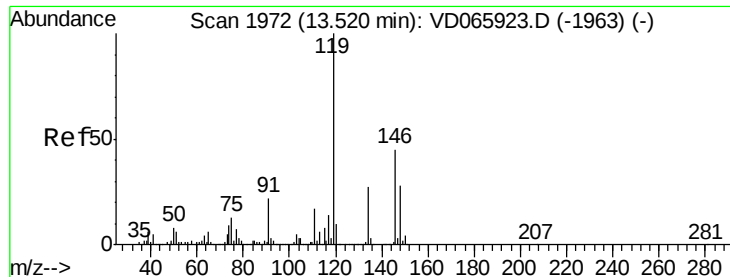


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

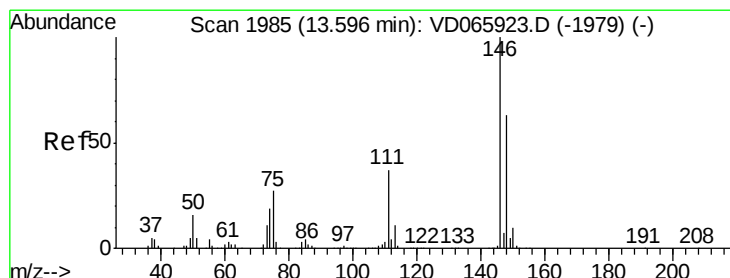
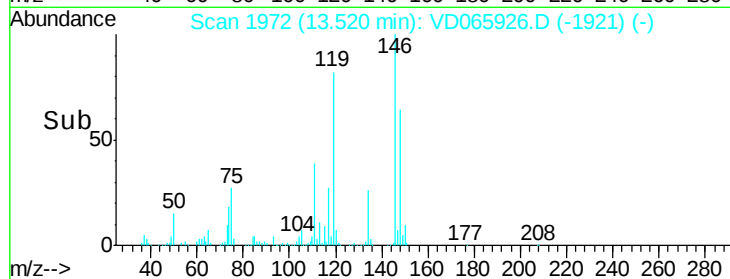
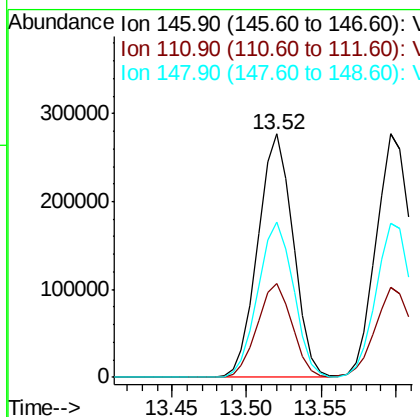
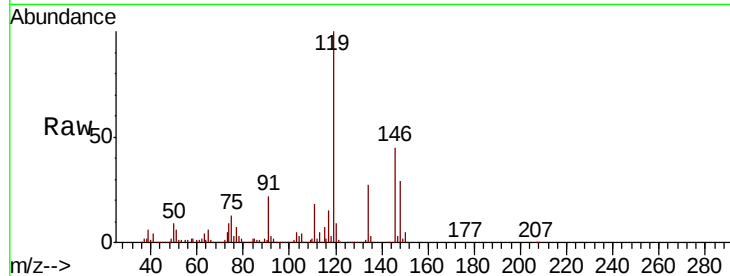




#87
 1,3-Dichlorobenzene
 Concen: 48.338 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

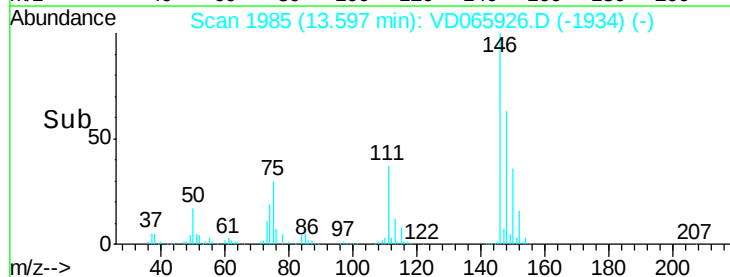
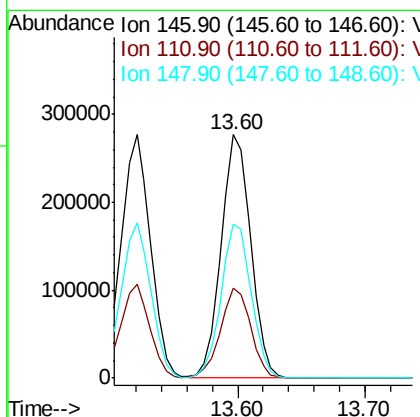
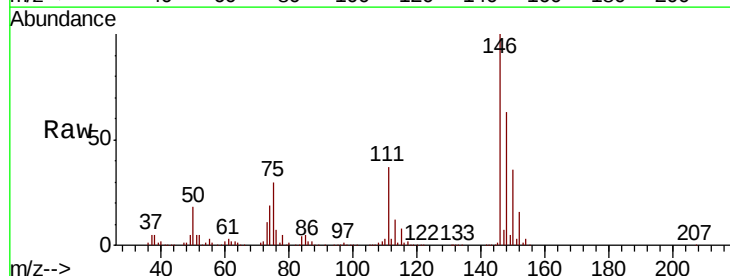
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

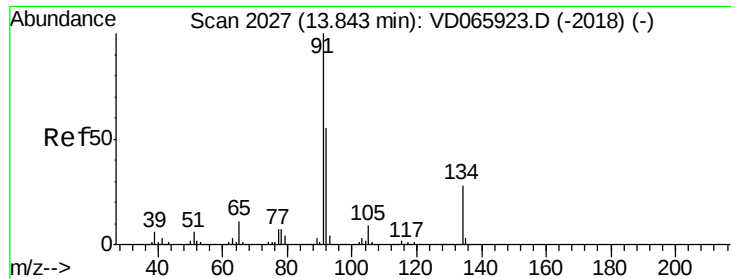
Tot Ion:146 Resp: 453643
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.3 57.8
 148 64.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.003 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion:146 Resp: 449436
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.2 32.1 96.3

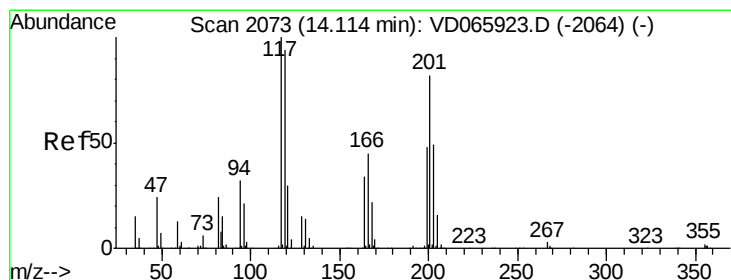
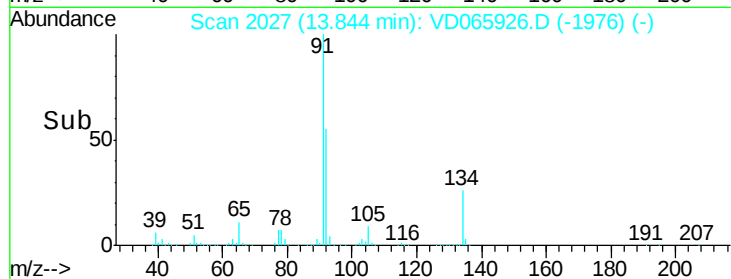
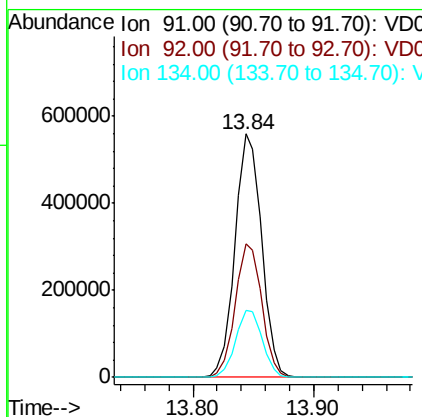
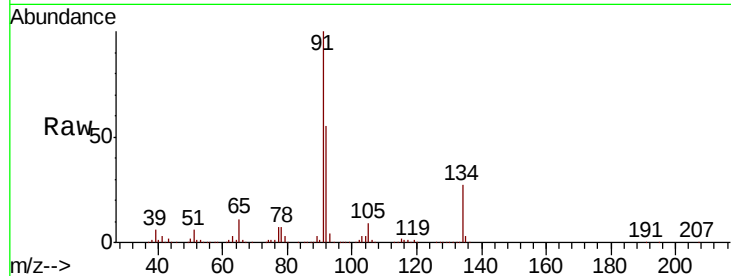




#89
n-Butylbenzene
Concen: 49.021 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

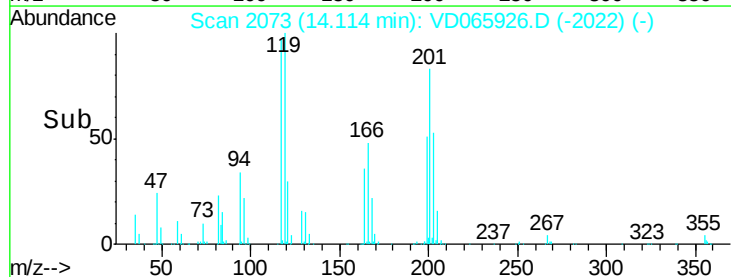
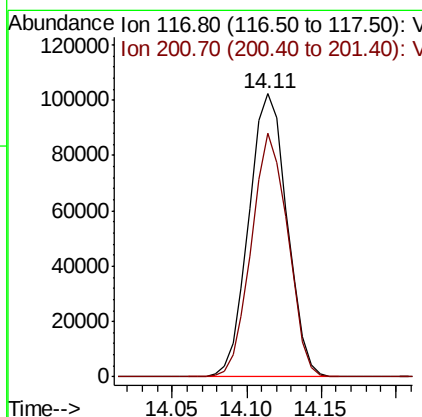
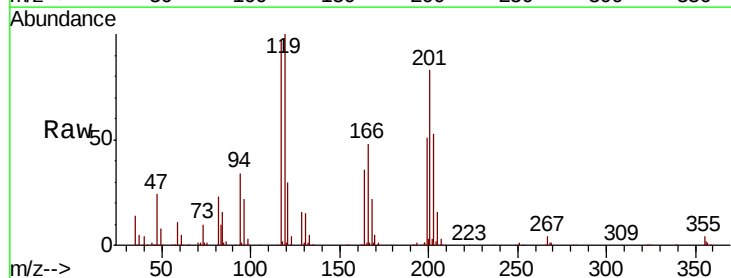
Instrument :
MSVOA_D
ClientSampleId :
BFB

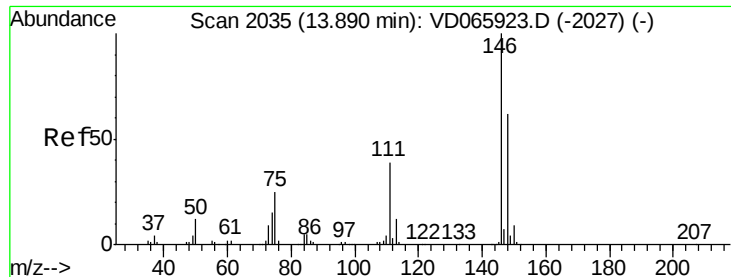
Tot Ion: 91 Resp: 859834
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.6
134 27.6 13.8 41.3



#90
Hexachloroethane
Concen: 48.114 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065926.D
Acq: 07 Jul 2020 17:17

Tgt Ion: 117 Resp: 181226
Ion Ratio Lower Upper
117 100
201 82.2 40.0 120.0





#91

1,2-Dichlorobenzene

Concen: 47.470 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

BFB

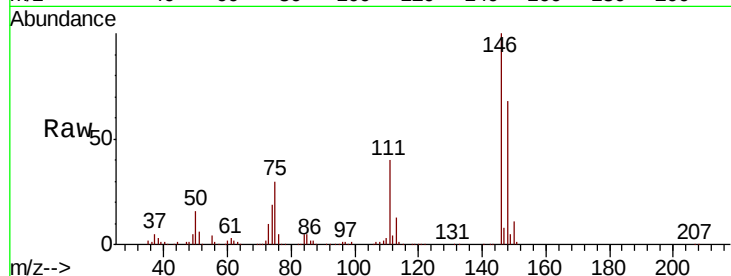
Tot Ion:146 Resp: 389376

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

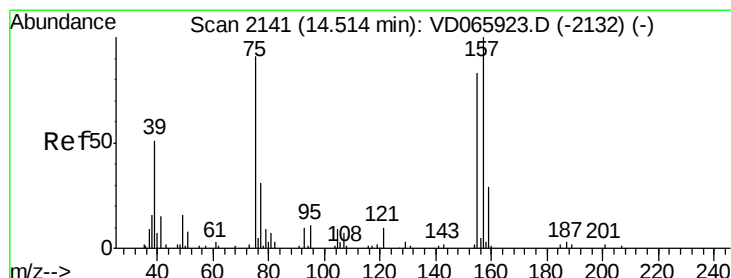
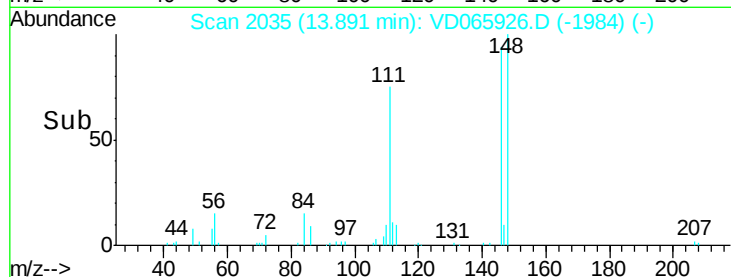
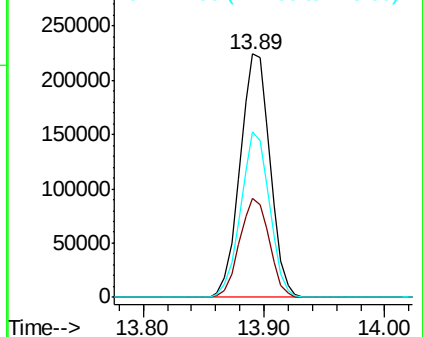
148 65.4 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.070 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

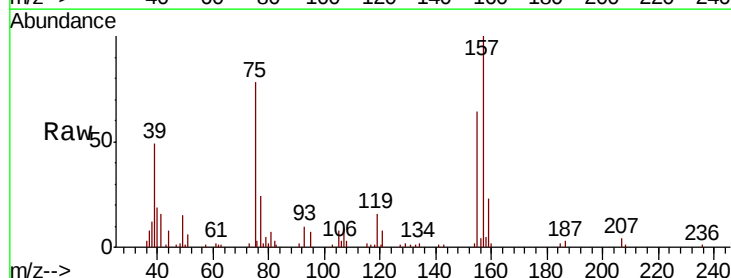
Tgt Ion: 75 Resp: 27020

Ion Ratio Lower Upper

75 100

155 91.5 45.3 135.8

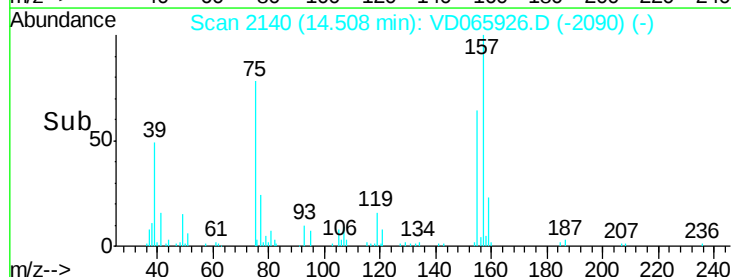
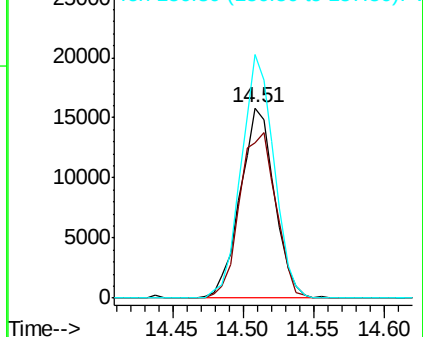
157 121.6 56.9 170.6

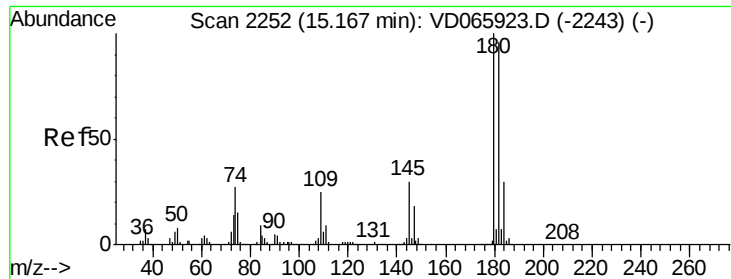


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

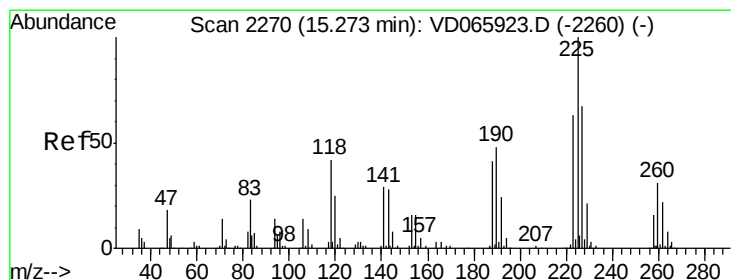
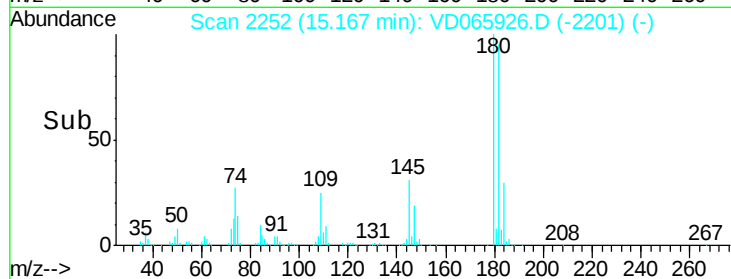
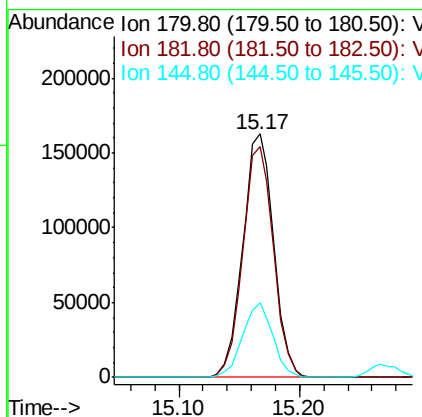
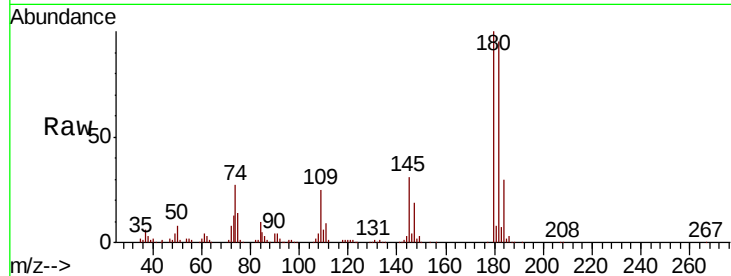




#93
 1,2,4-Trichlorobenzene
 Concen: 49.357 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

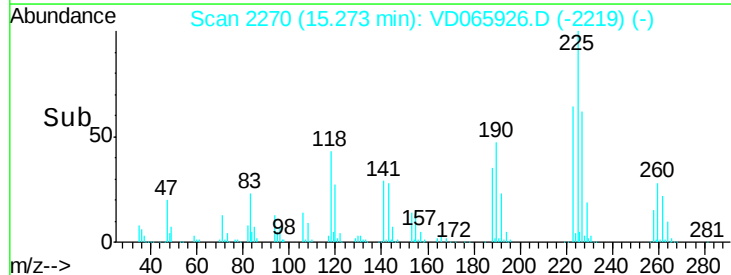
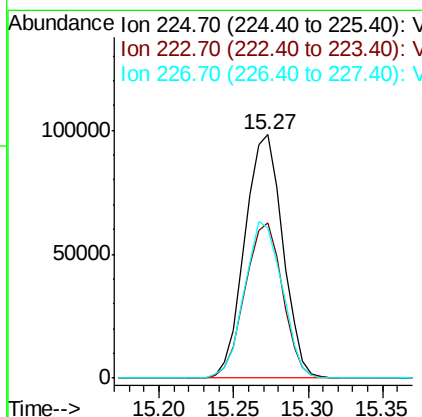
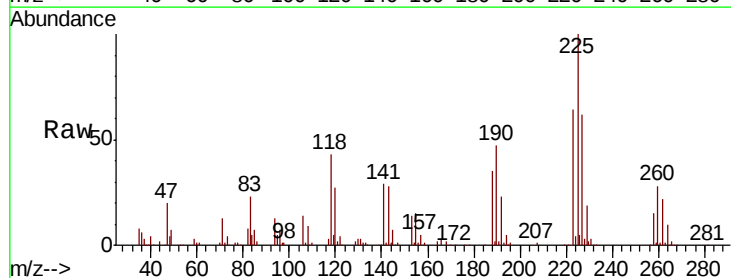
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

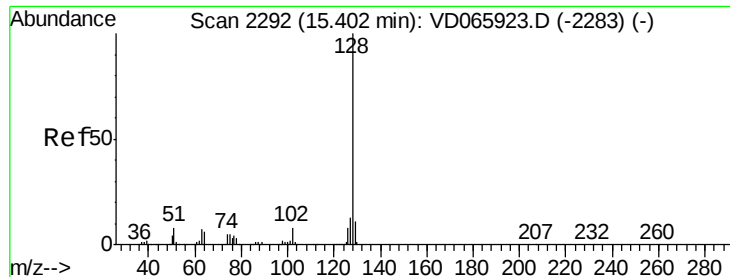
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.5	145.6
145	30.0	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 48.876 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065926.D
 Acq: 07 Jul 2020 17:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.2
227	64.3	31.6	95.0





#95

Naphthalene

Concen: 50.960 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

BFB

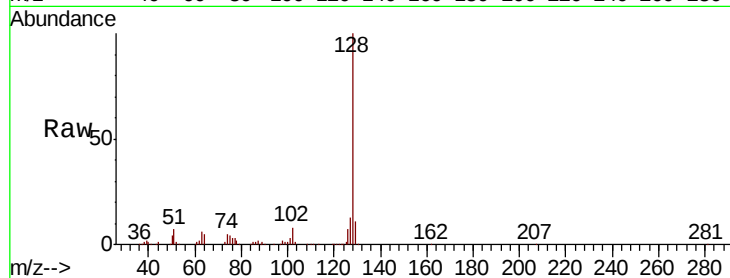
Tot Ion:128 Resp: 499641

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

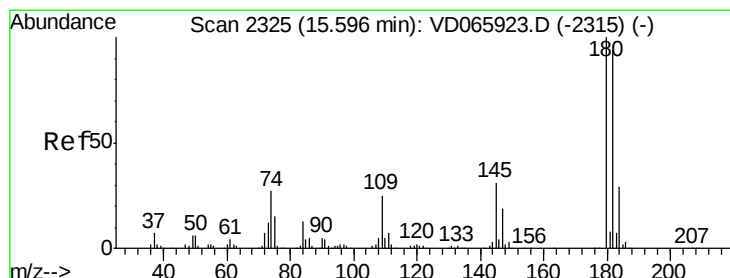
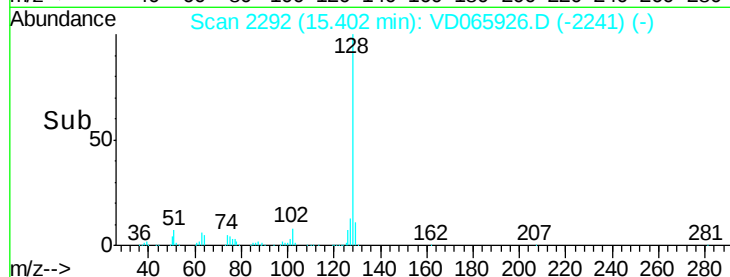
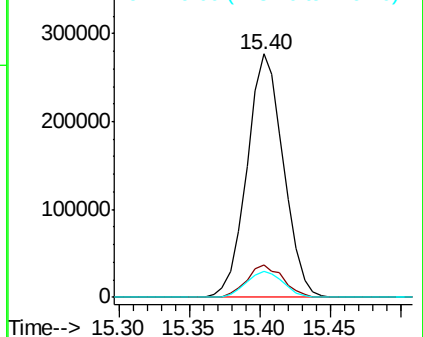
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.718 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD065926.D

Acq: 07 Jul 2020 17:17

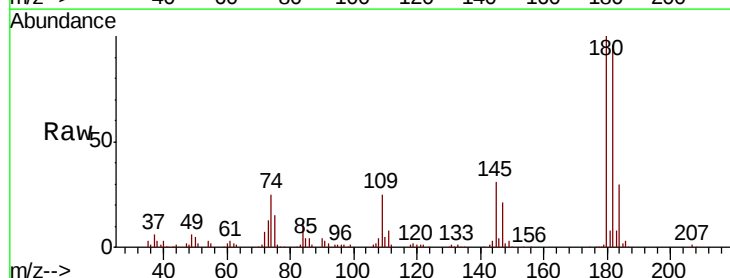
Tgt Ion:180 Resp: 250704

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.8

145 31.9 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

