

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065851.D
 Acq On : 23 Jun 2020 10:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Jun 24 04:37:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	209876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	325550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	294989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	151439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	104369	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.91	113	105518	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.34	98	396416	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.64	95	133252	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	62179	43.540	ug/l	99
3) Chloromethane	2.21	50	106214	44.554	ug/l	98
4) Vinyl Chloride	2.35	62	134949	43.582	ug/l	99
5) Bromomethane	2.77	94	91630	42.314	ug/l	93
6) Chloroethane	2.92	64	92424	44.144	ug/l	97
7) Trichlorofluoromethane	3.27	101	161709	46.094	ug/l	98
8) Diethyl Ether	3.70	74	41103	44.563	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	96741	46.245	ug/l	98
10) Methyl Iodide	4.30	142	95594	46.927	ug/l	97
11) Tert butyl alcohol	5.21	59	27236	231.695	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	87809	46.055	ug/l	96
13) Acrolein	3.92	56	26142	224.424	ug/l	100
14) Allyl chloride	4.71	41	148137	47.009	ug/l	98
15) Acrylonitrile	5.41	53	94457	225.477	ug/l	99
16) Acetone	4.15	43	116837	298.666	ug/l	95
17) Carbon Disulfide	4.40	76	273492	42.738	ug/l	99
18) Methyl Acetate	4.71	43	41151	46.374	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	200531	46.434	ug/l	96
20) Methylene Chloride	4.96	84	100156	48.034	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	103628	46.410	ug/l	99
22) Diisopropyl ether	6.36	45	307113	48.234	ug/l	96
23) Vinyl Acetate	6.30	43	865535	240.729	ug/l	98
24) 1,1-Dichloroethane	6.26	63	183418	47.278	ug/l	99
25) 2-Butanone	7.21	43	126699	234.513	ug/l	93
26) 2,2-Dichloropropane	7.20	77	171148	49.754	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	114094	47.502	ug/l	99
28) Bromochloromethane	7.54	49	77847	51.955	ug/l	95
29) Tetrahydrofuran	7.56	42	76284	223.407	ug/l	99
30) Chloroform	7.71	83	188667	46.918	ug/l	100
31) Cyclohexane	7.98	56	166137	44.670	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	175186	47.379	ug/l	97
36) 1,1-Dichloropropene	8.11	75	147190	47.198	ug/l	99
37) Ethyl Acetate	7.29	43	55241	44.971	ug/l	97
38) Carbon Tetrachloride	8.09	117	159730	48.669	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065851.D
 Acq On : 23 Jun 2020 10:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Jun 24 04:37:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	178762	48.415	ug/l	98
40) Benzene	8.35	78	406934	47.731	ug/l	95
41) Methacrylonitrile	7.55	41	79584	108.808	ug/l #	42
42) 1,2-Dichloroethane	8.42	62	116293	45.208	ug/l	99
43) Isopropyl Acetate	8.45	43	109756	44.934	ug/l	99
44) Trichloroethene	9.11	130	114714	48.350	ug/l	98
45) 1,2-Dichloropropane	9.39	63	99370	46.387	ug/l	100
46) Dibromomethane	9.47	93	52866	45.503	ug/l	99
47) Bromodichloromethane	9.66	83	144052	46.270	ug/l	99
48) Methyl methacrylate	9.46	41	54640	46.214	ug/l	97
49) 1,4-Dioxane	9.46	88	10657	861.797	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	278708	232.858	ug/l	99
52) Toluene	10.40	92	264960	47.831	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	137660	48.829	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	159454	47.890	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	72684	46.822	ug/l	96
56) Ethyl methacrylate	10.66	69	87694	48.028	ug/l	97
57) 1,3-Dichloropropane	10.95	76	126014	46.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	225813	266.010	ug/l	98
59) 2-Hexanone	10.98	43	204870	253.885	ug/l	100
60) Dibromochloromethane	11.14	129	98994	47.206	ug/l	98
61) 1,2-Dibromoethane	11.24	107	71127	46.623	ug/l	97
64) Tetrachloroethene	10.88	164	93314	46.780	ug/l	90
65) Chlorobenzene	11.67	112	279551	48.543	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	107121	49.902	ug/l	99
67) Ethyl Benzene	11.75	91	523776	50.912	ug/l	98
68) m/p-Xylenes	11.86	106	401800	101.395	ug/l	99
69) o-Xylene	12.18	106	184380	51.605	ug/l	99
70) Styrene	12.20	104	318687	51.524	ug/l	99
71) Bromoform	12.36	173	56013	47.384	ug/l #	100
73) Isopropylbenzene	12.48	105	510398	50.268	ug/l	99
74) N-amyl acetate	12.29	43	103569	45.849	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	80173	46.755	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	103891	88.210	ug/l #	100
77) Bromobenzene	12.77	156	117034	48.717	ug/l	99
78) n-propylbenzene	12.83	91	611769	50.055	ug/l	99
79) 2-Chlorotoluene	12.91	91	332114	49.534	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	426938	50.529	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	25728	47.198	ug/l	96
82) 4-Chlorotoluene	13.01	91	355538	49.403	ug/l	99
83) tert-Butylbenzene	13.23	119	374018	51.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	425735	50.340	ug/l	100
85) sec-Butylbenzene	13.41	105	527778	51.728	ug/l	99
86) p-Isopropyltoluene	13.52	119	484222	51.780	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	232298	49.042	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	225905	47.944	ug/l	99
89) n-Butylbenzene	13.85	91	461267	51.718	ug/l	99
90) Hexachloroethane	14.12	117	94800	50.645	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	197963	48.562	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12308	43.129	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062320\
Data File : VD065851.D
Acq On : 23 Jun 2020 10:45
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BFB

Quant Time: Jun 24 04:37:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

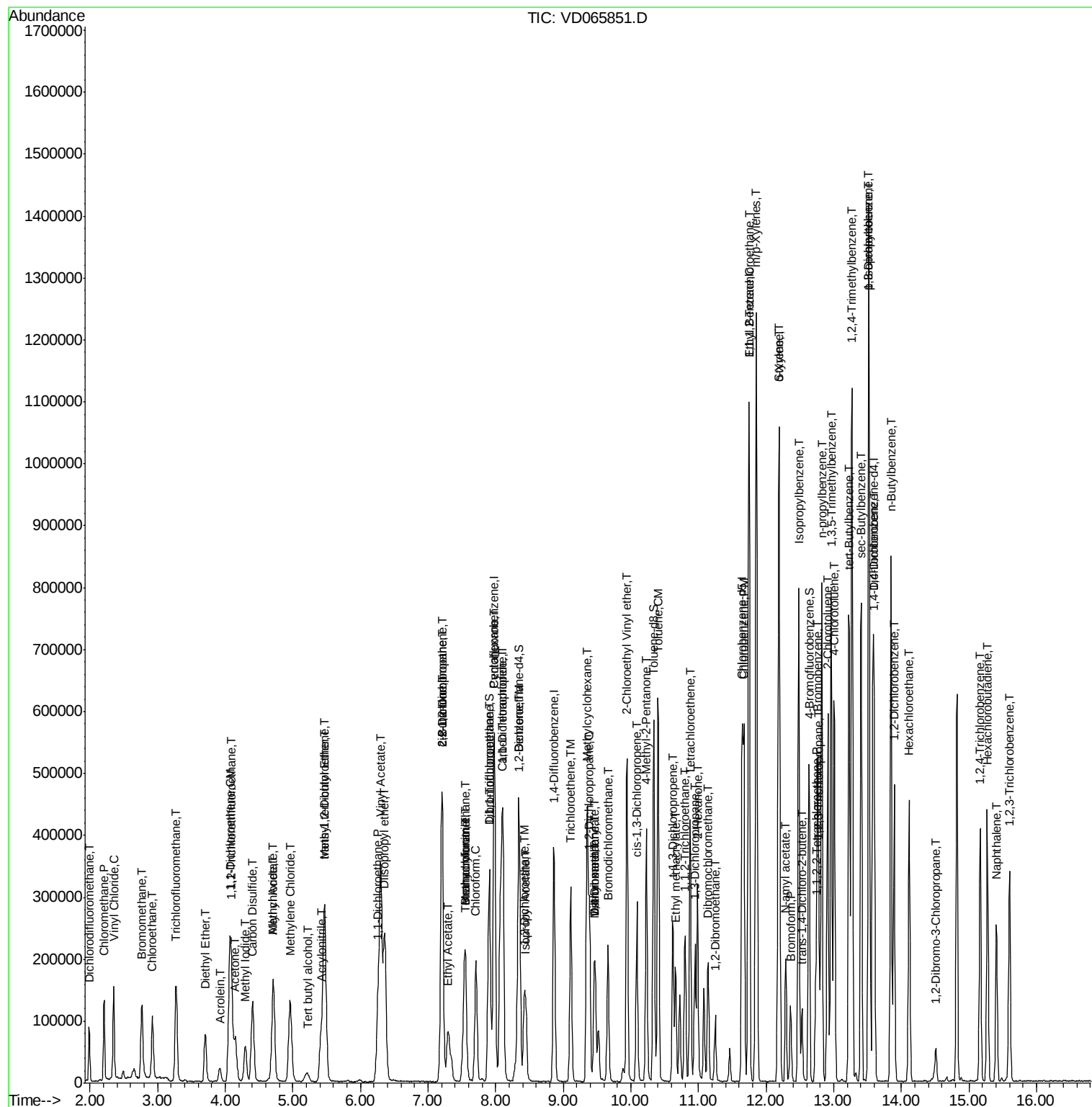
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	134542	48.541	ug/l	99
94) Hexachlorobutadiene	15.27	225	81610	48.707	ug/l	99
95) Naphthalene	15.41	128	219157	46.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	114394	47.920	ug/l	99

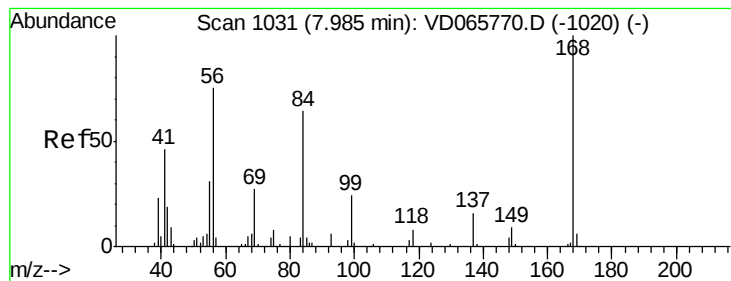
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065851.D
 Acq On : 23 Jun 2020 10:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Jun 24 04:37:17 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

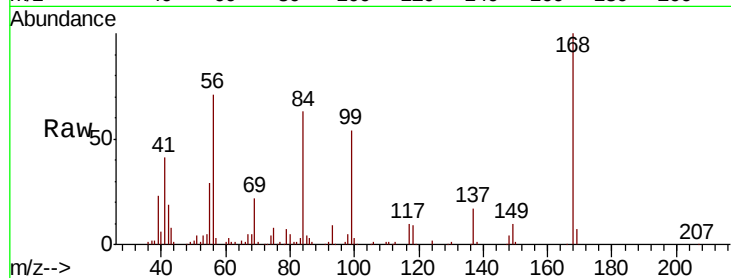
BFB

Tot Ion:168 Resp: 209876

Ion Ratio Lower Upper

168 100

99 54.4 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

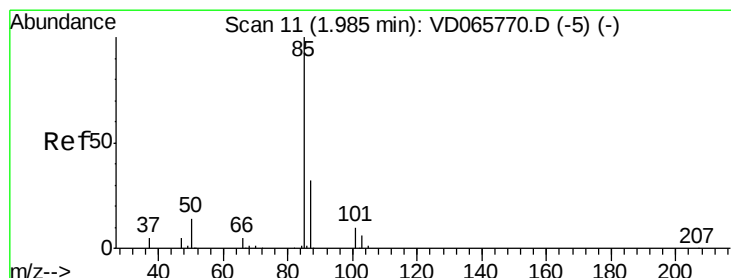
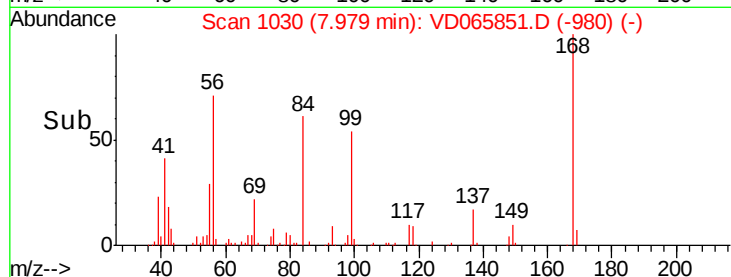
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.540 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065851.D

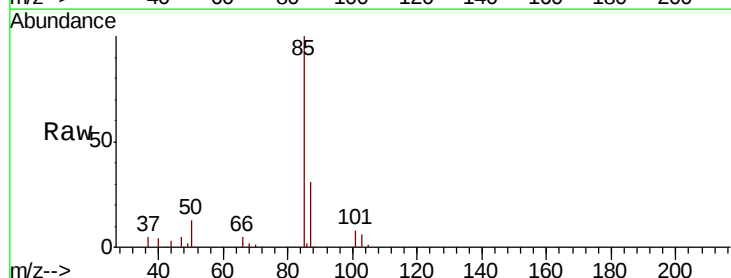
Acq: 23 Jun 2020 10:45

Tgt Ion: 85 Resp: 62179

Ion Ratio Lower Upper

85 100

87 31.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

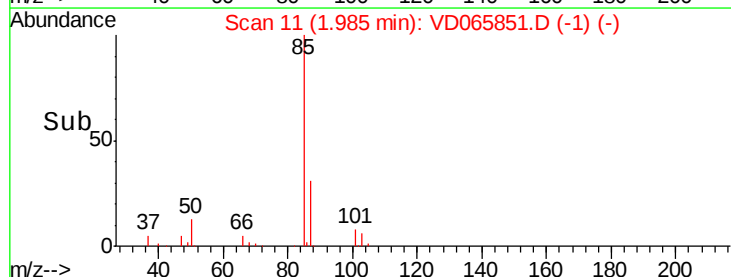
20000

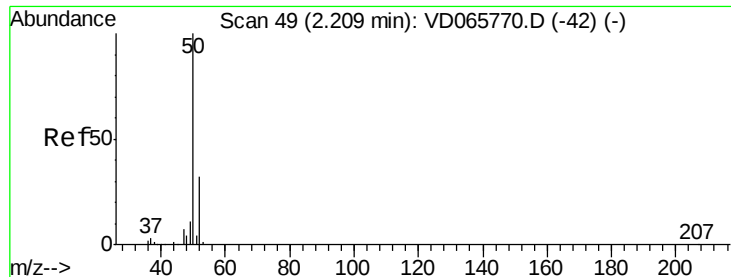
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 44.554 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

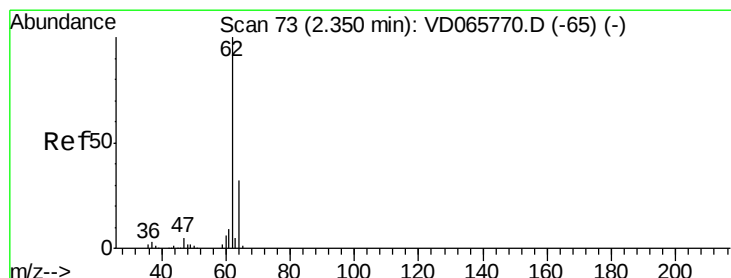
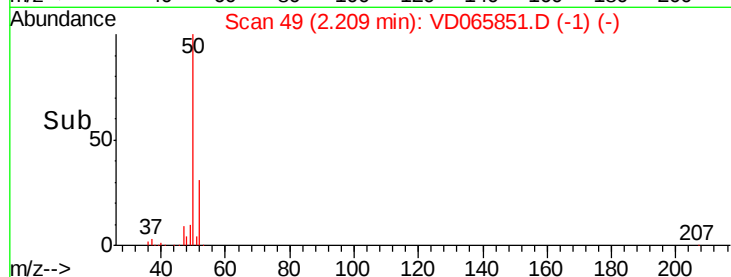
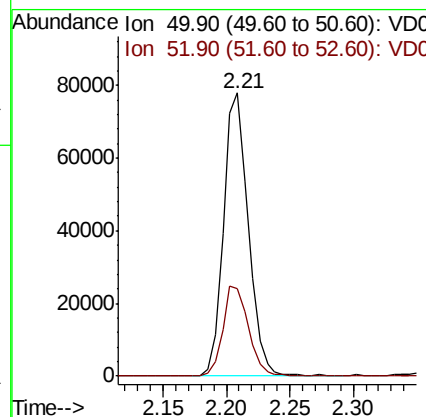
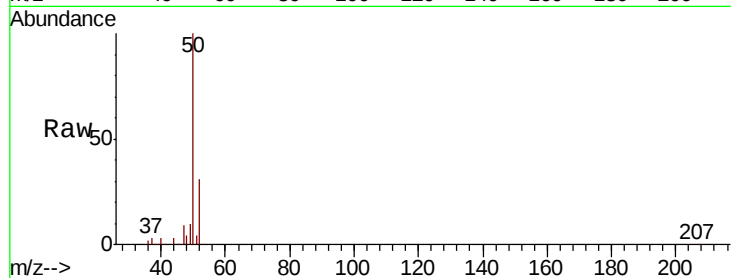
BFB

Tot Ion: 50 Resp: 106214

Ion Ratio Lower Upper

50 100

52 30.8 25.6 38.4



#4

Vinyl Chloride

Concen: 43.582 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065851.D

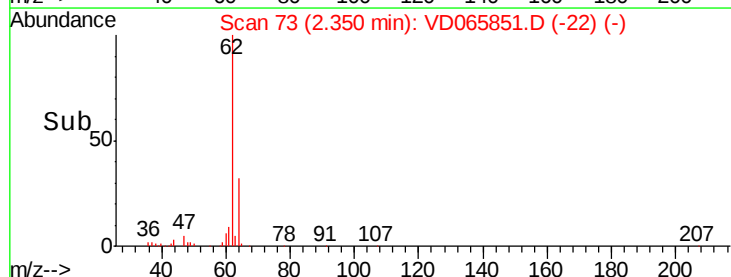
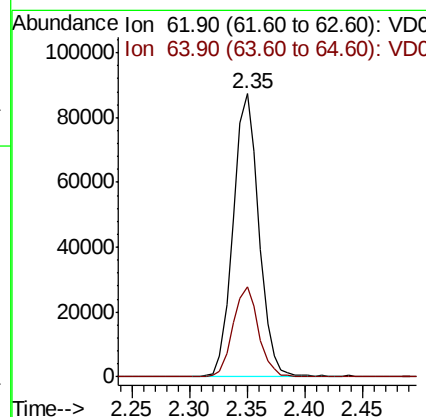
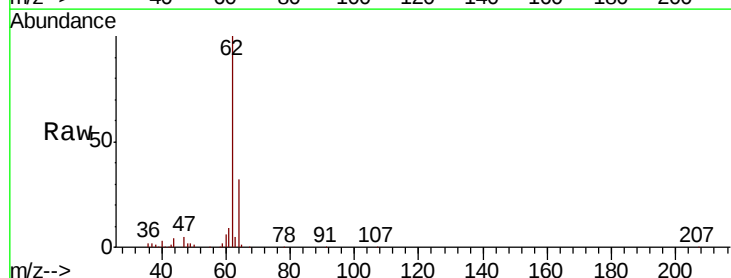
Acq: 23 Jun 2020 10:45

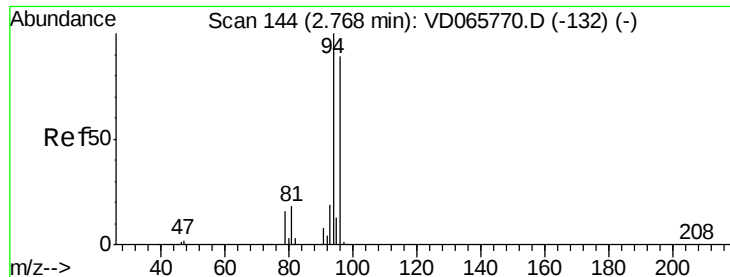
Tgt Ion: 62 Resp: 134949

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 42.314 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

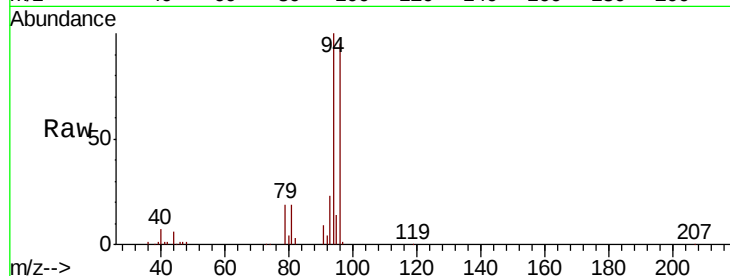
BFB

Tot Ion: 94 Resp: 91630

Ion Ratio Lower Upper

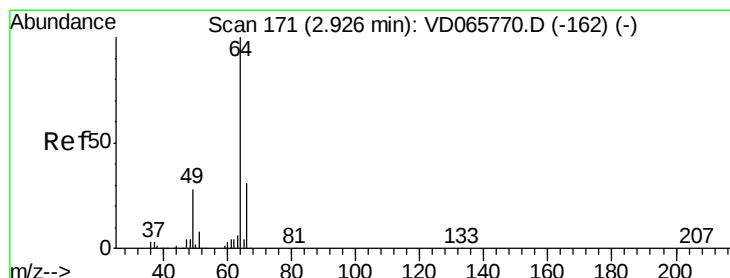
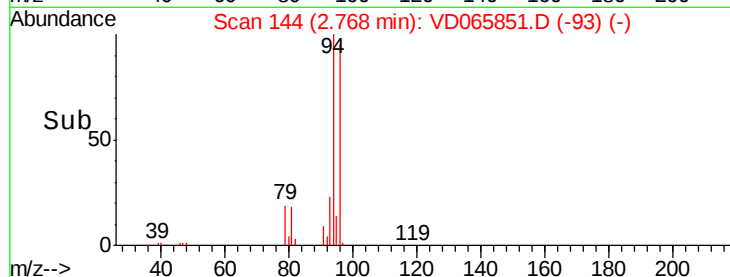
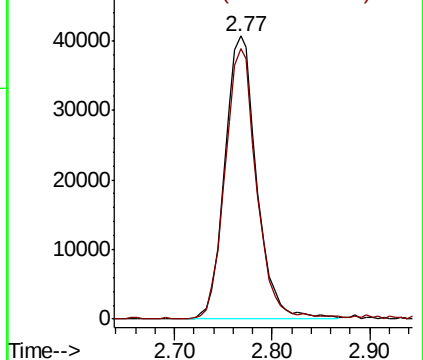
94 100

96 95.4 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.144 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065851.D

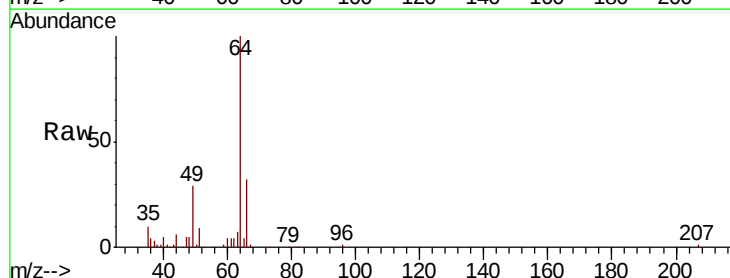
Acq: 23 Jun 2020 10:45

Tgt Ion: 64 Resp: 92424

Ion Ratio Lower Upper

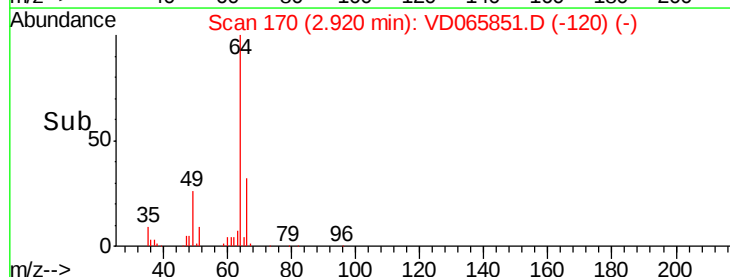
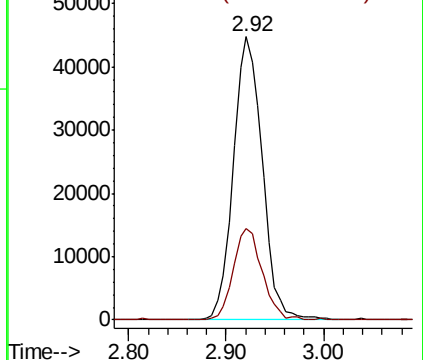
64 100

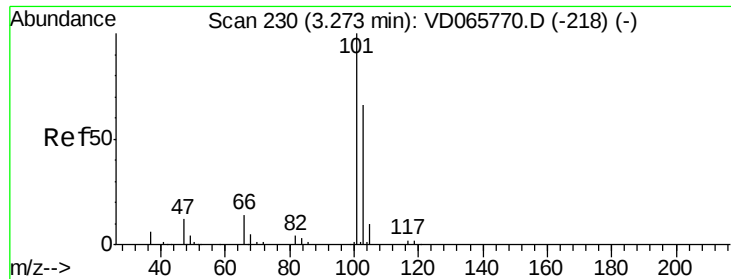
66 32.3 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



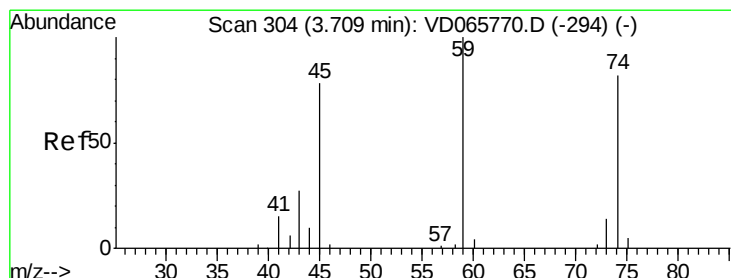
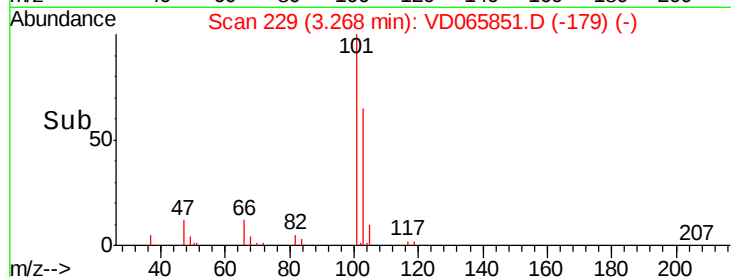
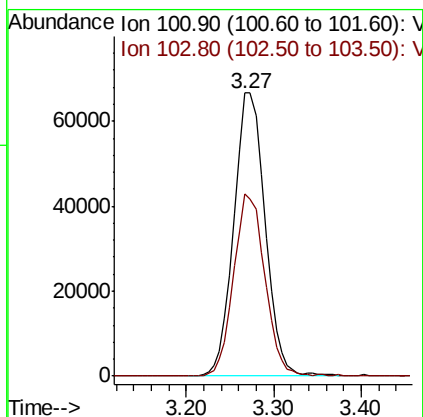
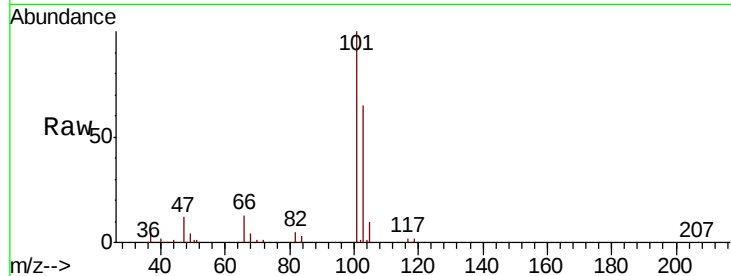


#7

Trichlorofluoromethane
 Concen: 46.094 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

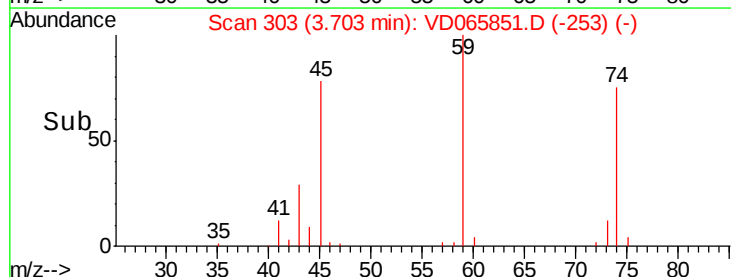
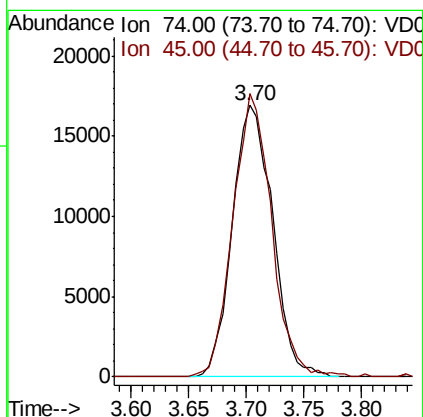
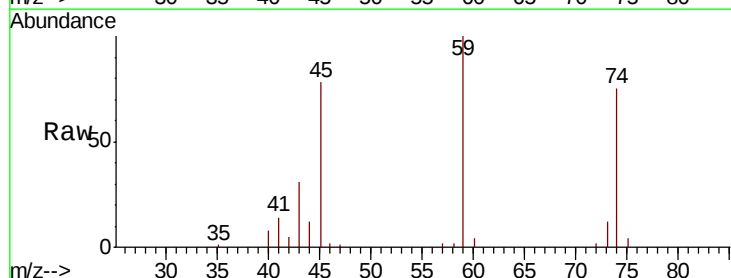
Tot Ion:101 Resp: 161709
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.1 79.7

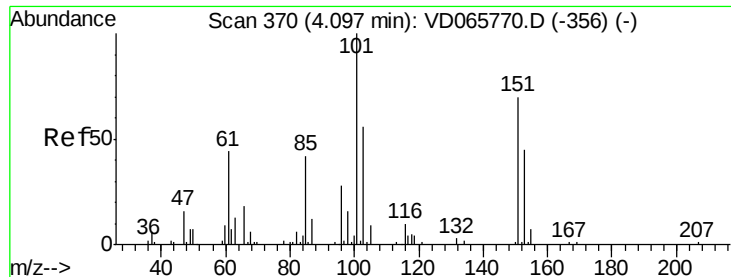


#8

Diethyl Ether
 Concen: 44.563 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 74 Resp: 41103
 Ion Ratio Lower Upper
 74 100
 45 100.0 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.245 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

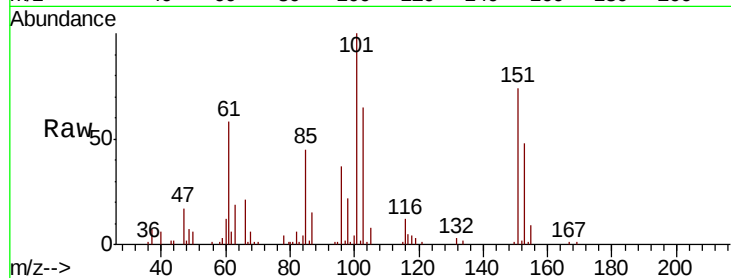
Tot Ion:101 Resp: 96741

Ion Ratio Lower Upper

101 100

85 46.2 36.5 54.7

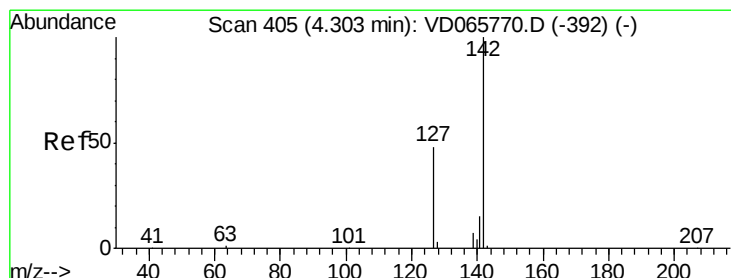
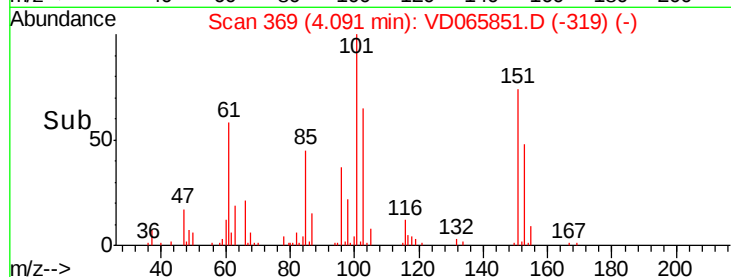
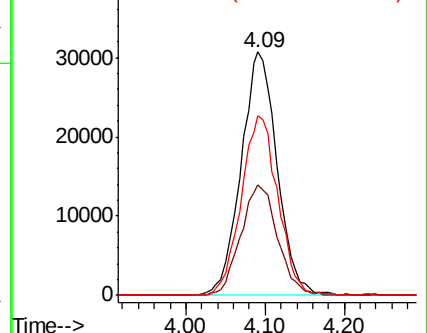
151 75.1 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.927 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

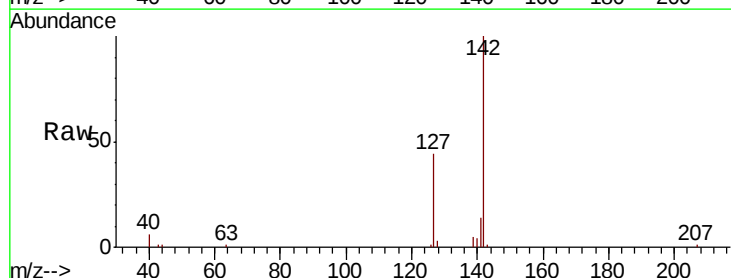
Tgt Ion:142 Resp: 95594

Ion Ratio Lower Upper

142 100

127 44.8 37.6 56.4

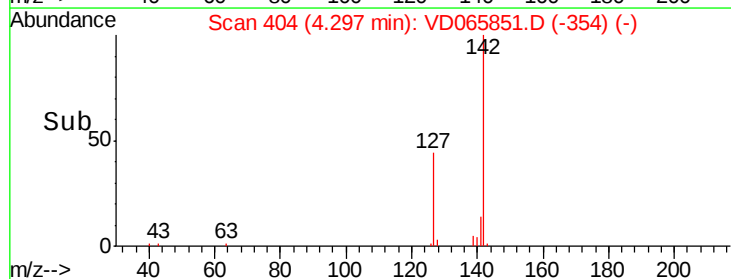
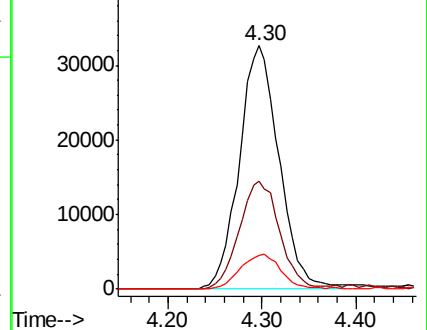
141 14.7 12.1 18.1

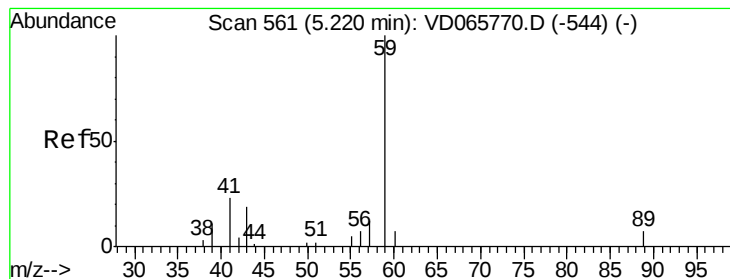


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



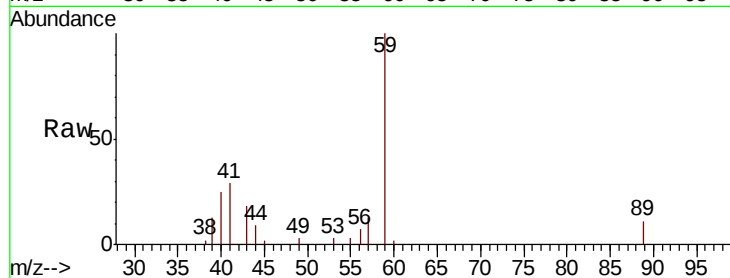


#11

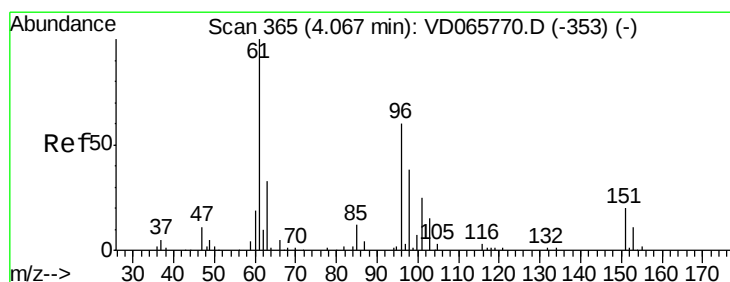
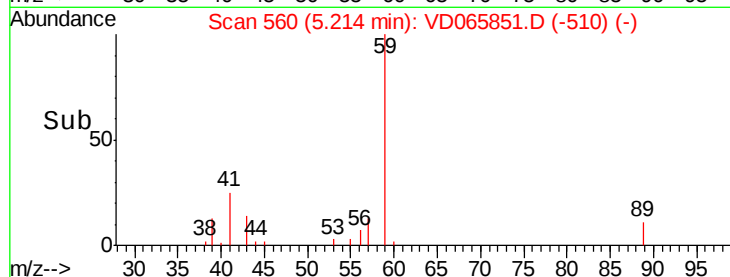
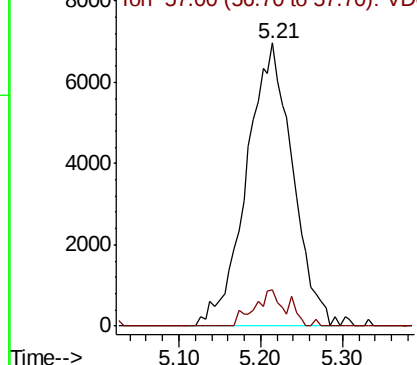
Tert butyl alcohol
 Concen: 231.695 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tot Ion: 59 Resp: 27236
 Ion Ratio Lower Upper
 59 100
 57 7.2 7.5 11.3#



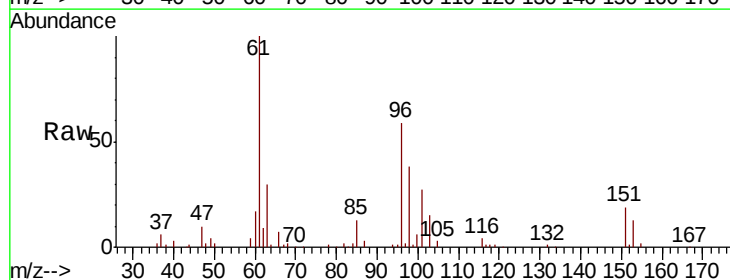
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



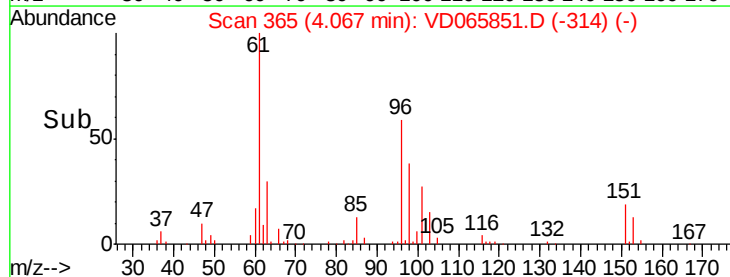
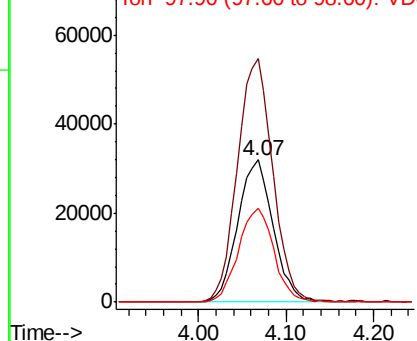
#12

1,1-Dichloroethene
 Concen: 46.055 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 96 Resp: 87809
 Ion Ratio Lower Upper
 96 100
 61 170.9 132.3 198.5
 98 65.7 50.7 76.1



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: 224.424 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampled :

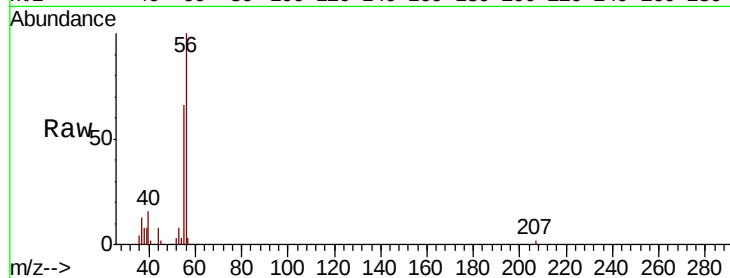
BFB

Tot Ion: 56 Resp: 26142

Ion Ratio Lower Upper

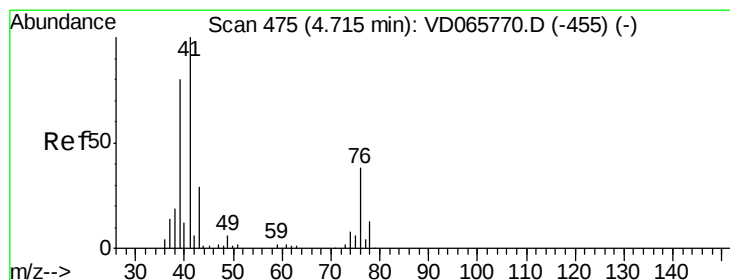
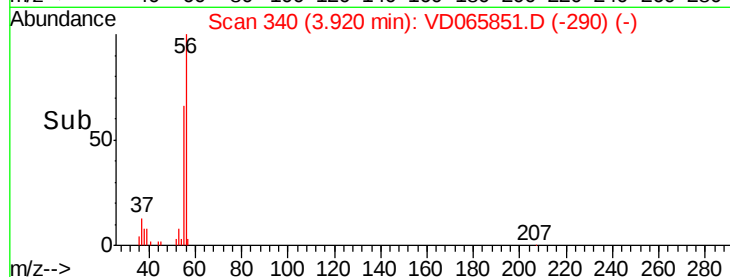
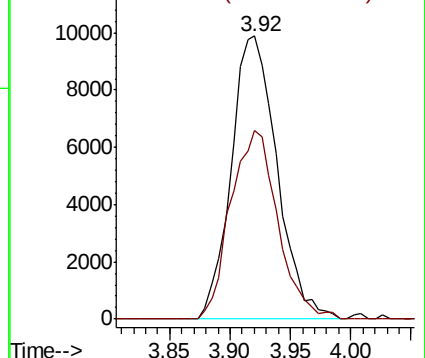
56 100

55 68.2 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 47.009 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

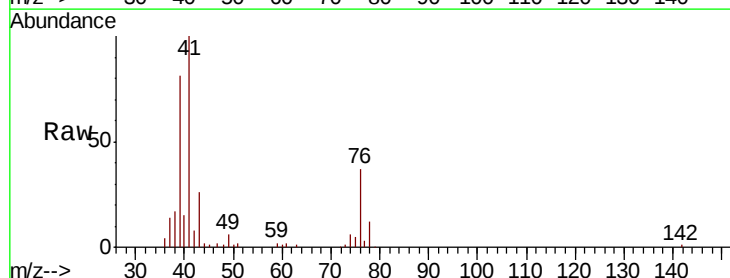
Tgt Ion: 41 Resp: 148137

Ion Ratio Lower Upper

41 100

39 78.8 60.9 91.3

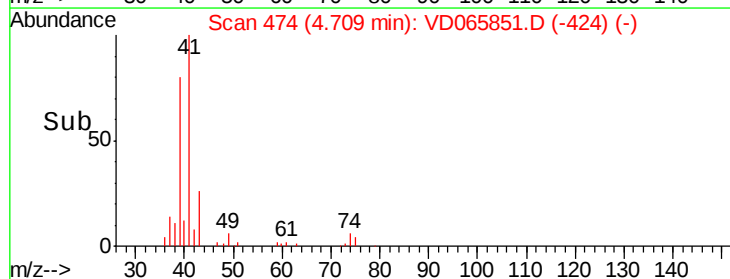
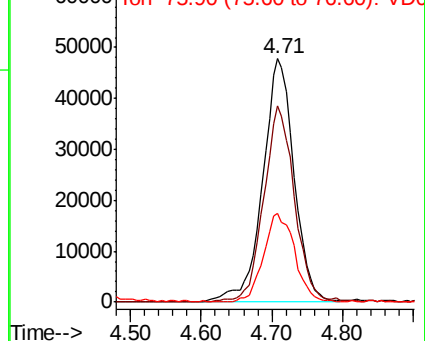
76 36.5 28.9 43.3

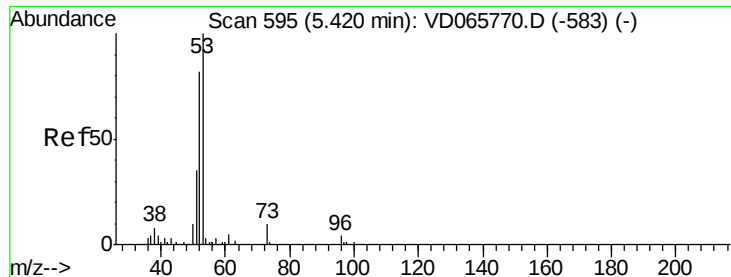


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 225.477 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

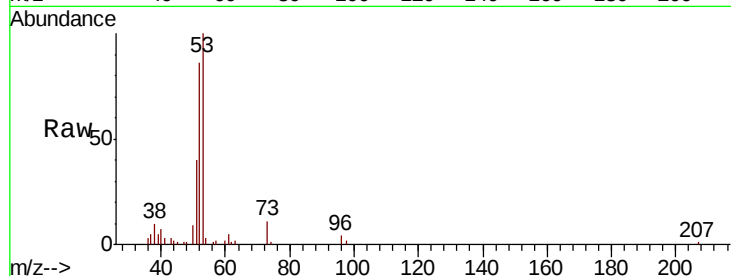
Tot Ion: 53 Resp: 94457

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

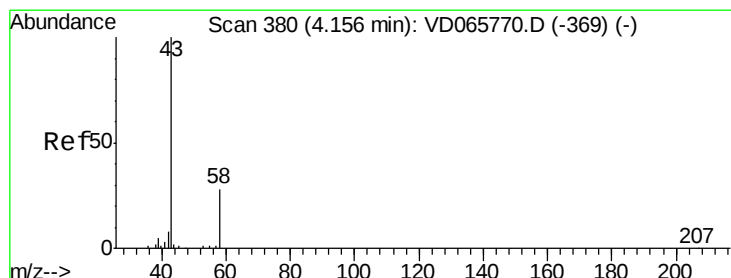
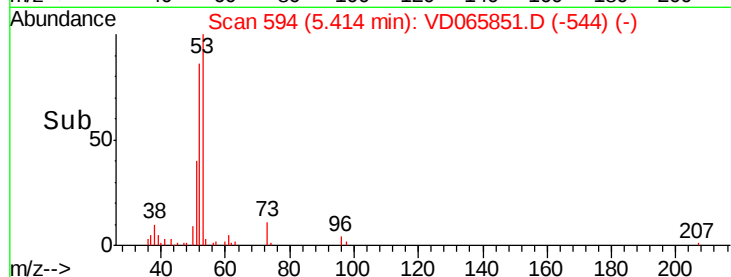
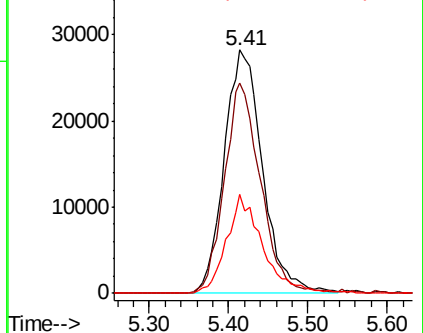
51 38.3 30.7 46.1



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: 298.666 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065851.D

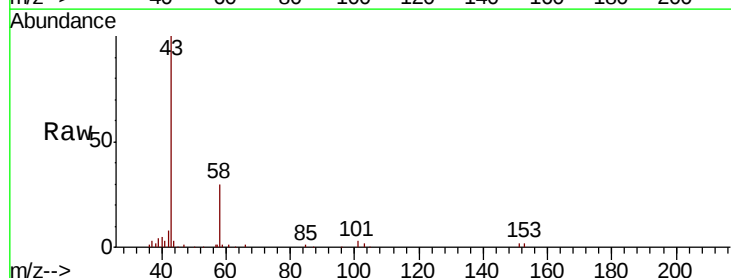
Acq: 23 Jun 2020 10:45

Tgt Ion: 43 Resp: 116837

Ion Ratio Lower Upper

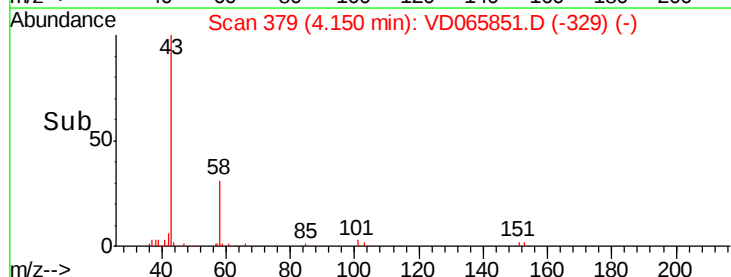
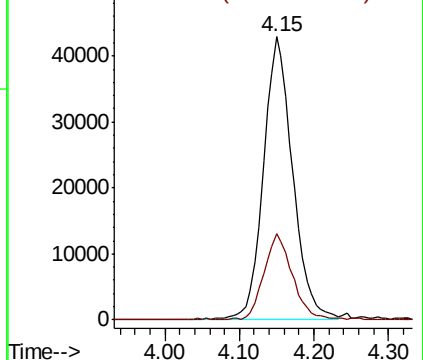
43 100

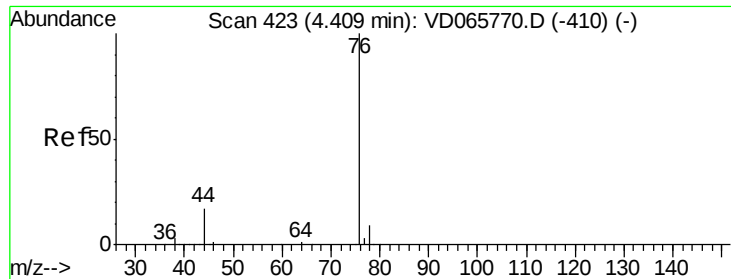
58 30.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

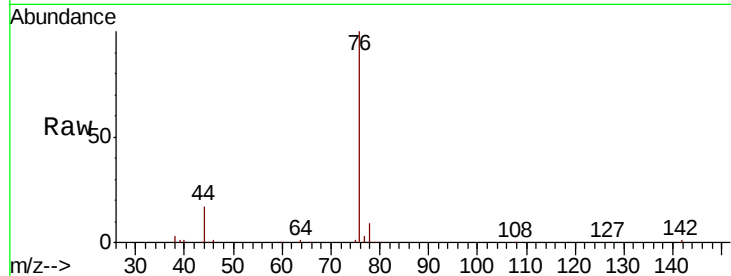




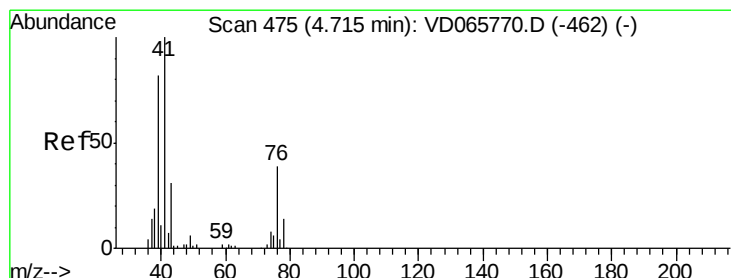
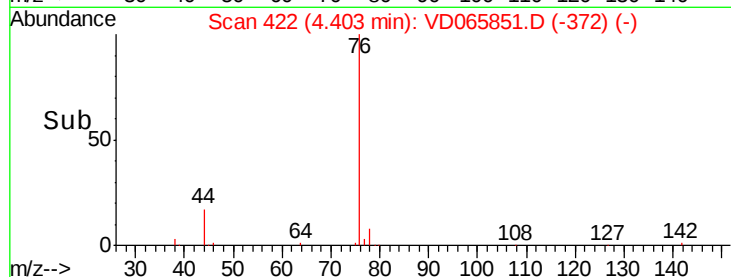
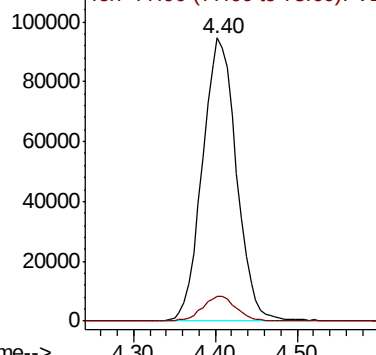
#17
Carbon Disulfide
Concen: 42.738 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion: 76 Resp: 273492
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

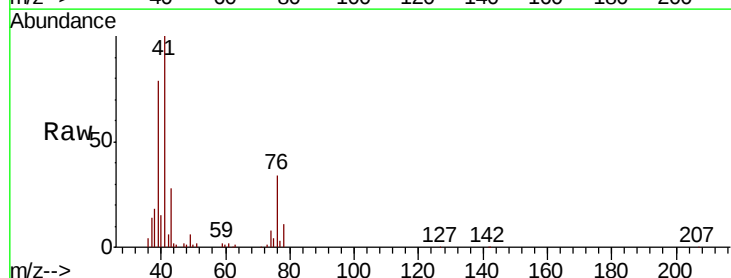


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

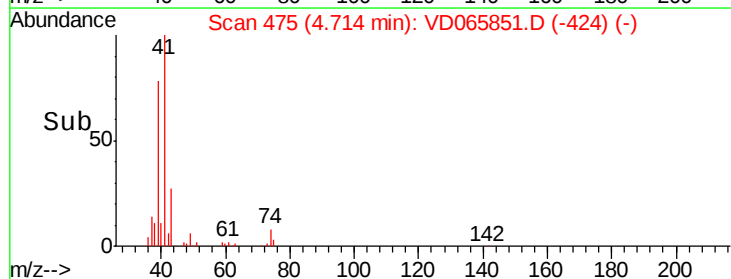
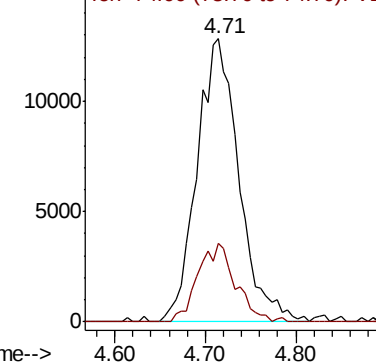


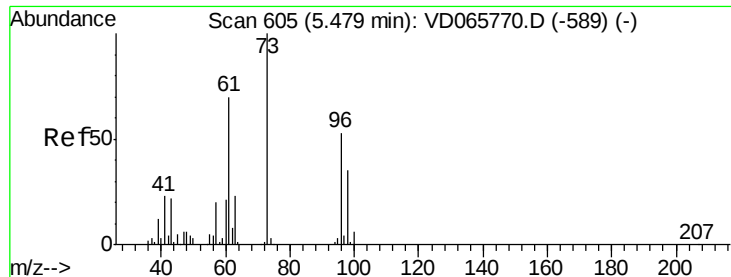
#18
Methyl Acetate
Concen: 46.374 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 43 Resp: 41151
Ion Ratio Lower Upper
43 100
74 24.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

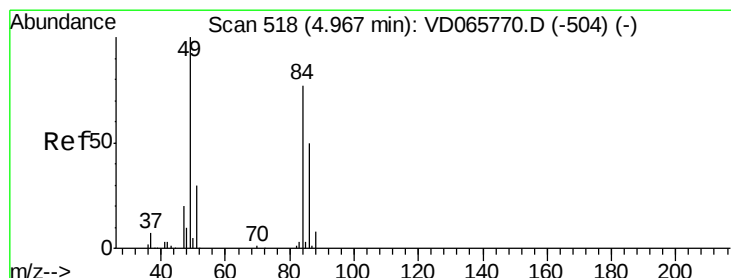
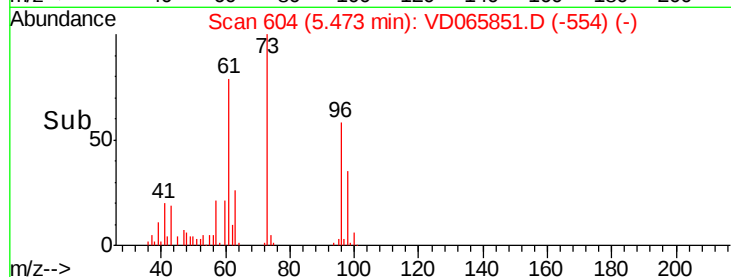
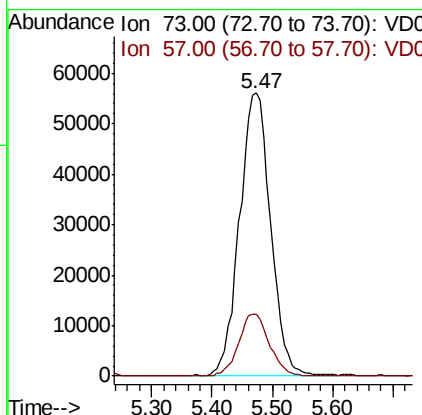
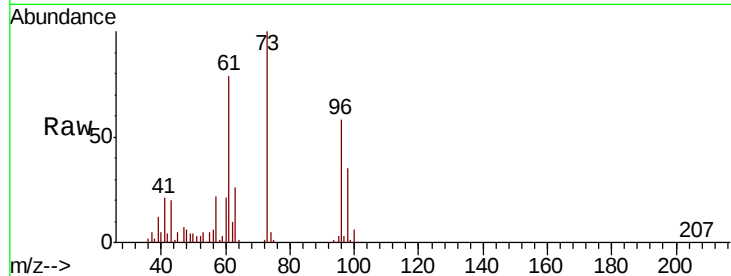




#19
Methyl tert-butyl Ether
Concen: 46.434 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

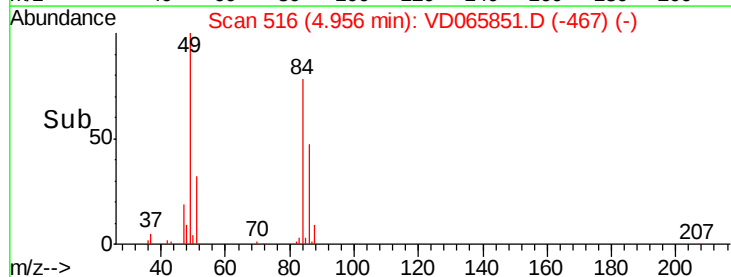
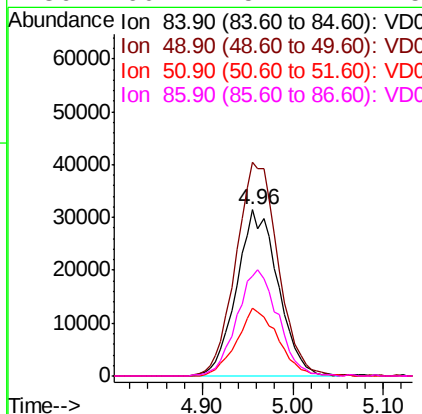
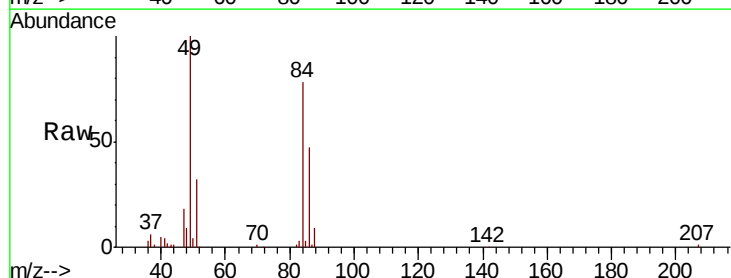
Instrument :
MSVOA_D
ClientSampled :
BFB

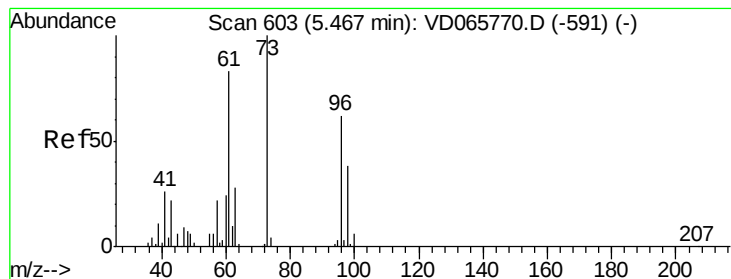
Tot Ion: 73 Resp: 200531
Ion Ratio Lower Upper
73 100
57 21.9 16.2 24.2



#20
Methylene Chloride
Concen: 48.034 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 84 Resp: 100156
Ion Ratio Lower Upper
84 100
49 128.7 103.4 155.0
51 40.6 31.4 47.2
86 60.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 46.410 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampled :

BFB

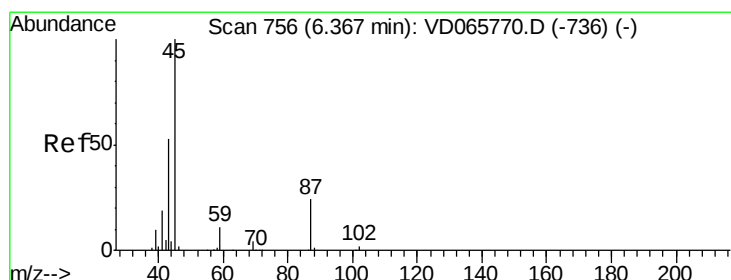
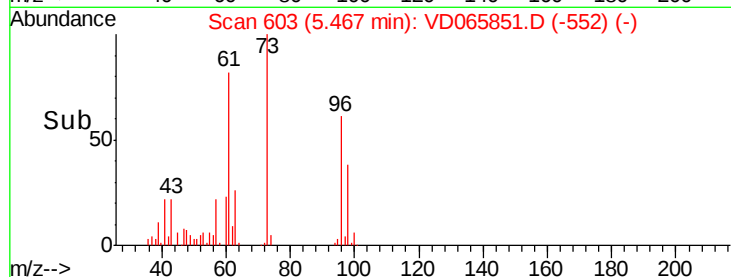
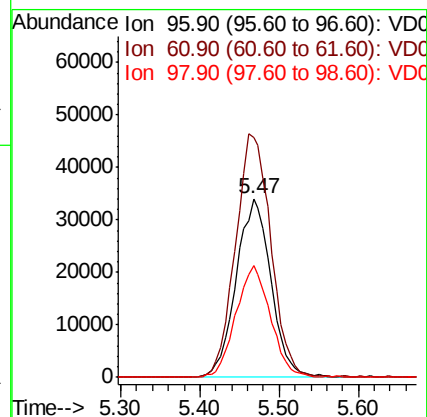
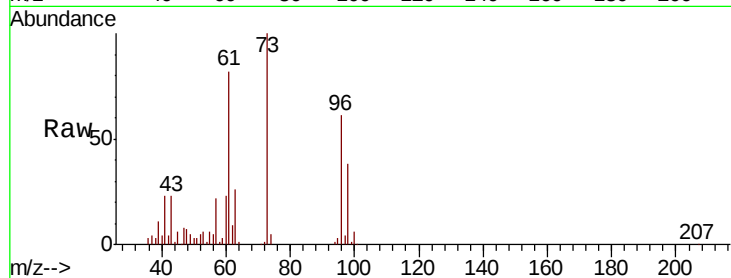
Tot Ion: 96 Resp: 103628

Ion Ratio Lower Upper

96 100

61 133.9 107.7 161.5

98 62.7 49.3 73.9



#22

Diisopropyl ether

Concen: 48.234 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Tgt Ion: 45 Resp: 307113

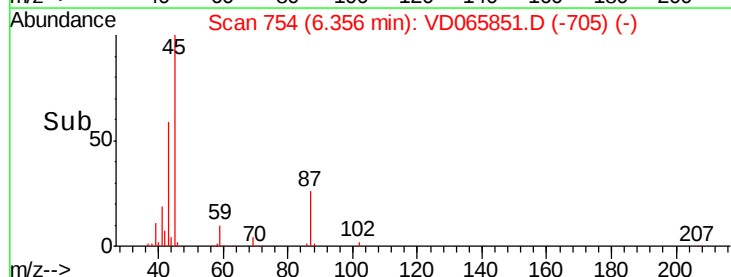
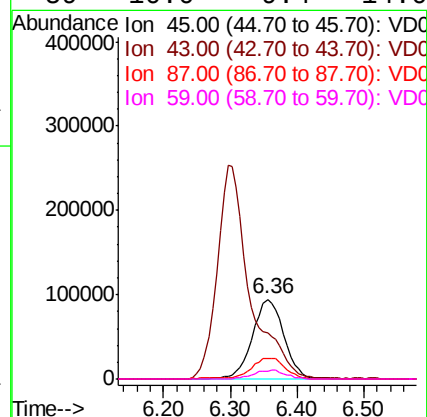
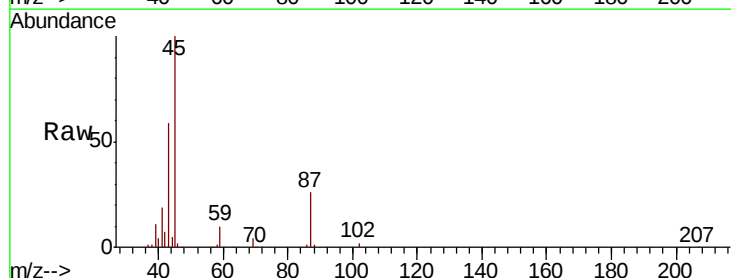
Ion Ratio Lower Upper

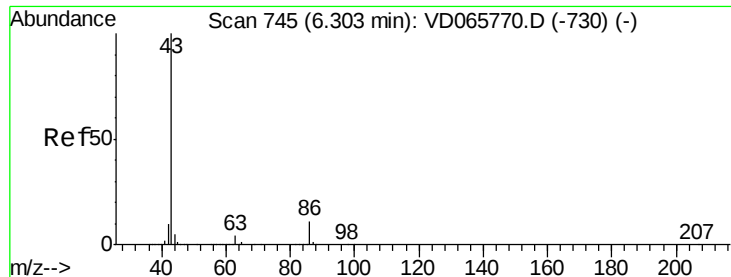
45 100

43 57.7 43.4 65.0

87 26.0 20.2 30.4

59 10.0 9.4 14.0





#23

Vinyl Acetate

Concen: 240.729 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

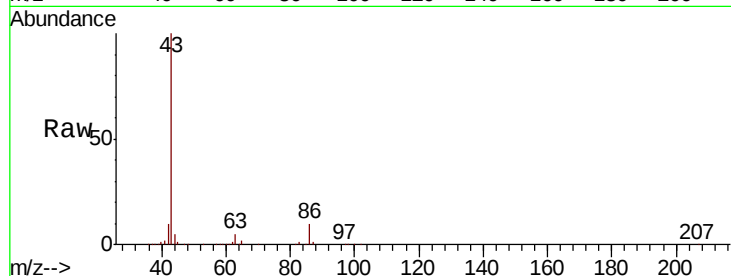
BFB

Tot Ion: 43 Resp: 865535

Ion Ratio Lower Upper

43 100

86 9.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

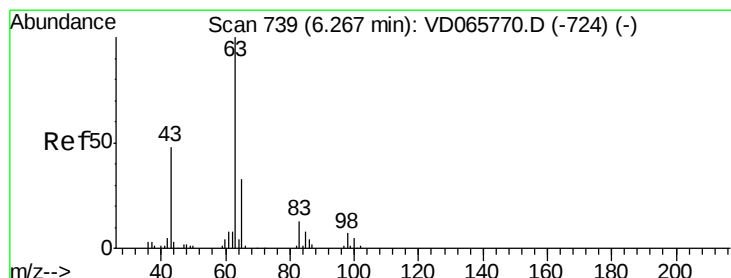
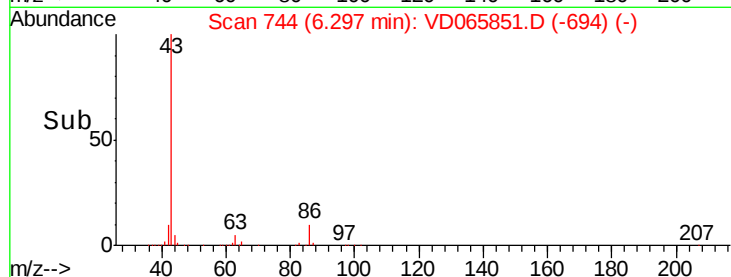
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 47.278 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

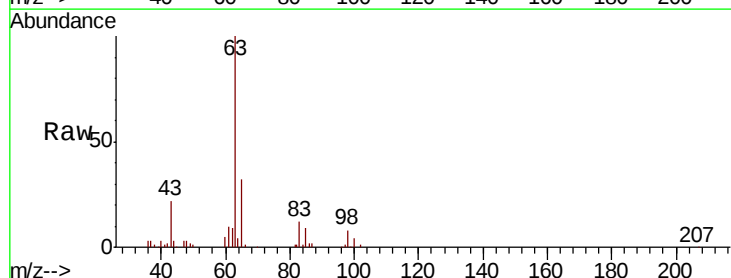
Tgt Ion: 63 Resp: 183418

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.4 2.3 6.9



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

6.26

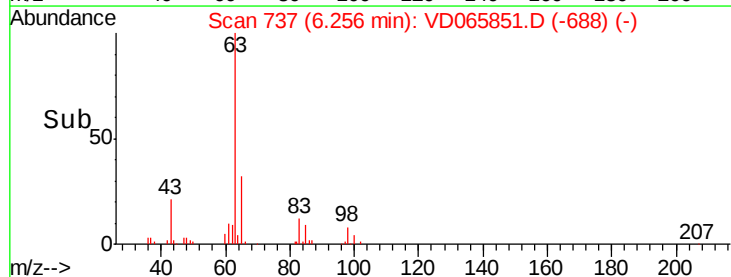
60000

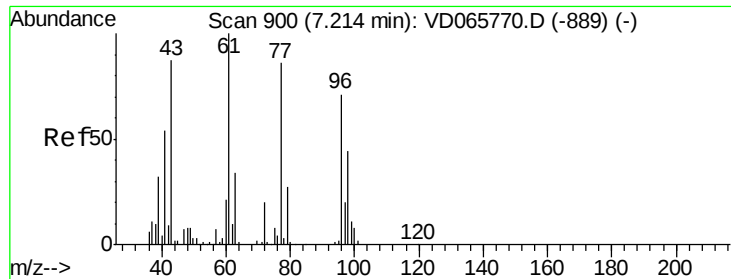
40000

20000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 234.513 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

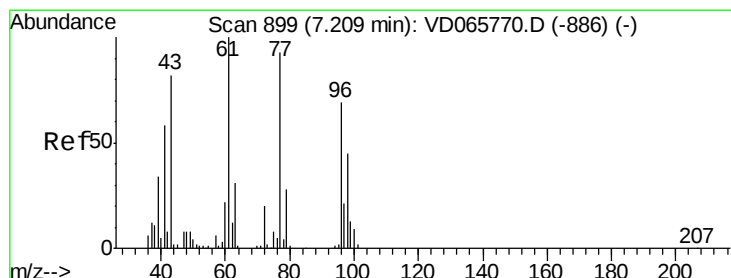
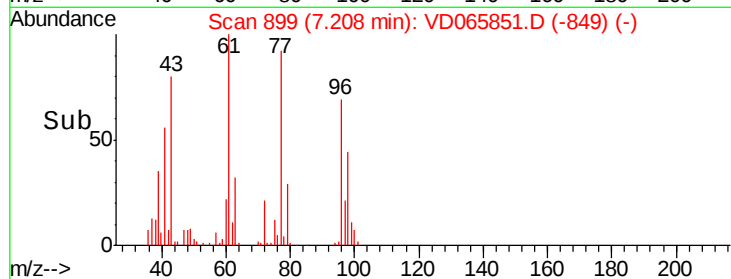
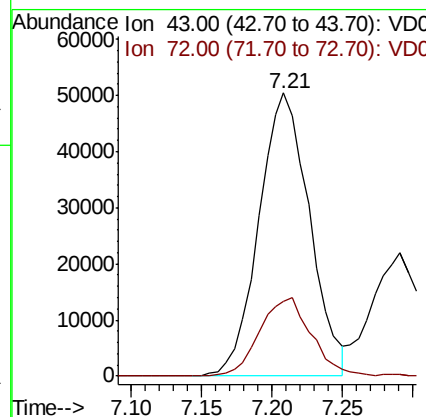
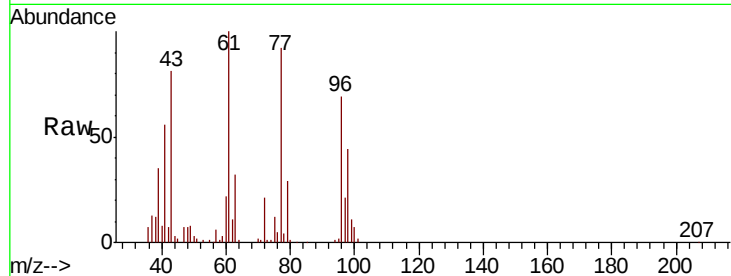
BFB

Tot Ion: 43 Resp: 126699

Ion Ratio Lower Upper

43 100

72 26.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 49.754 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD065851.D

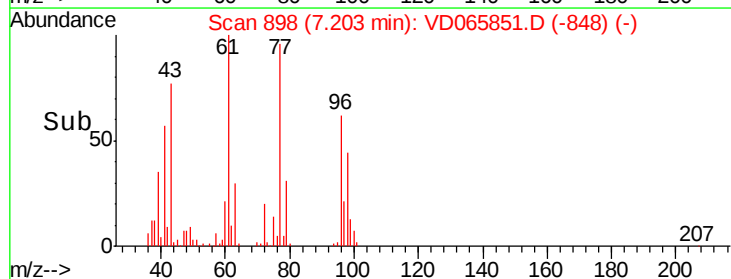
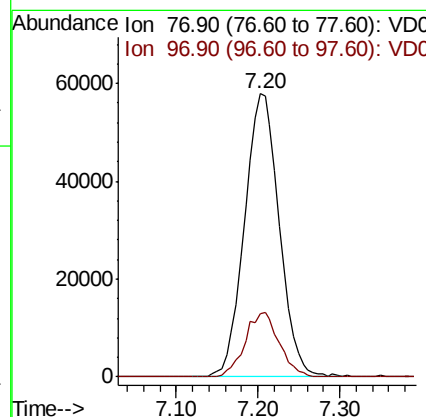
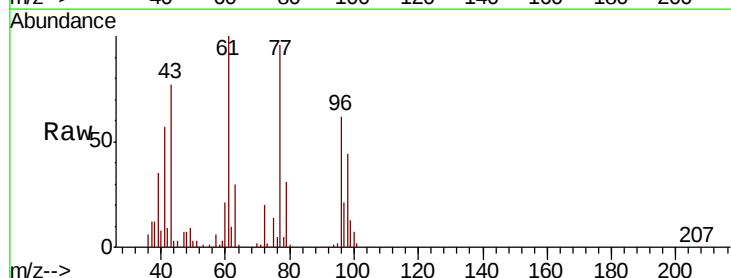
Acq: 23 Jun 2020 10:45

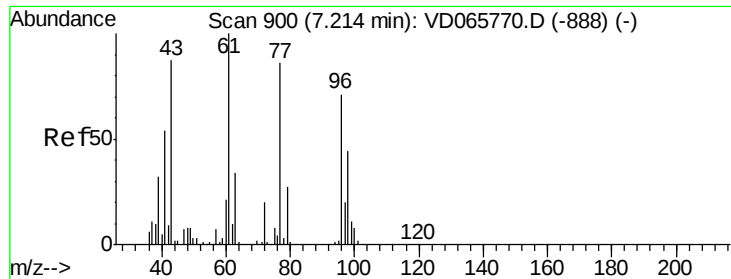
Tgt Ion: 77 Resp: 171148

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.7

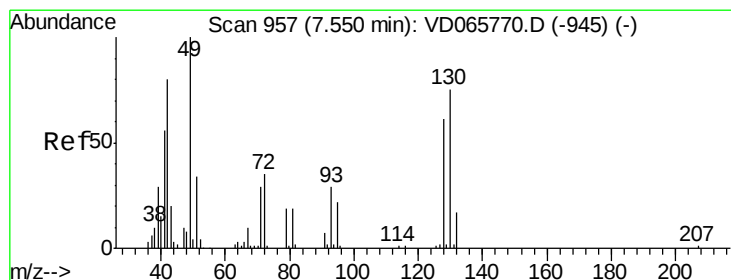
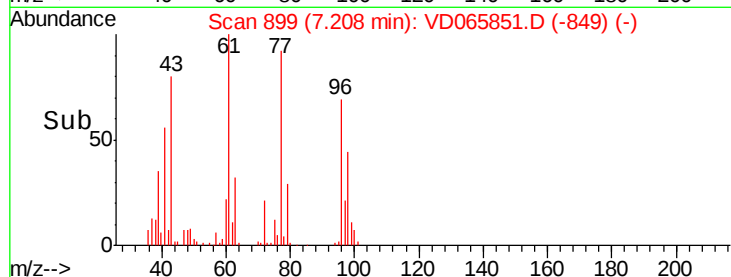
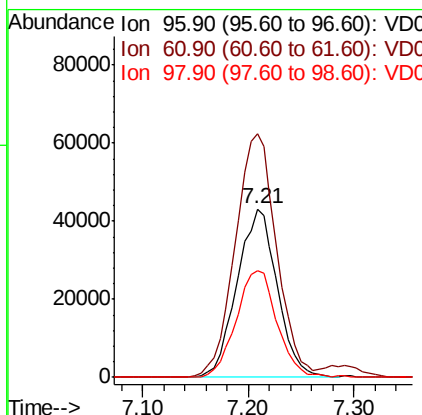
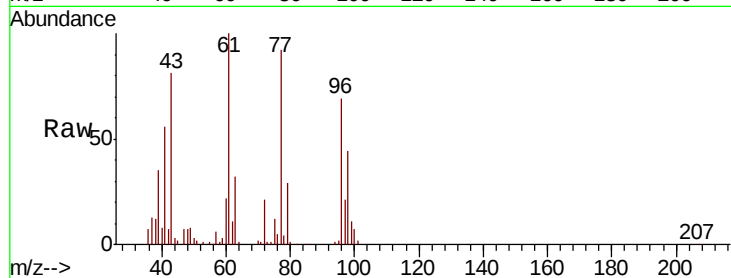




#27
 cis-1,2-Dichloroethene
 Concen: 47.502 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

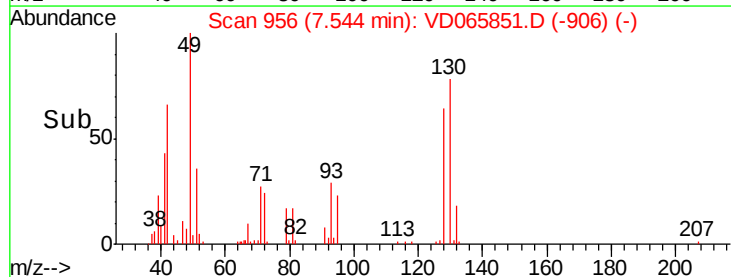
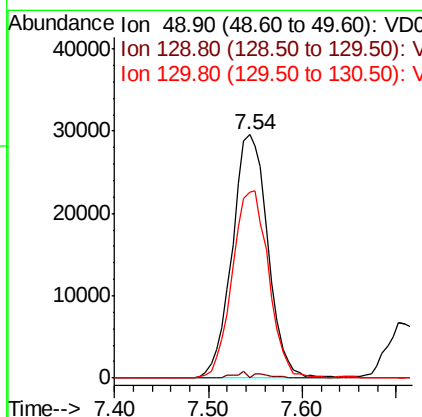
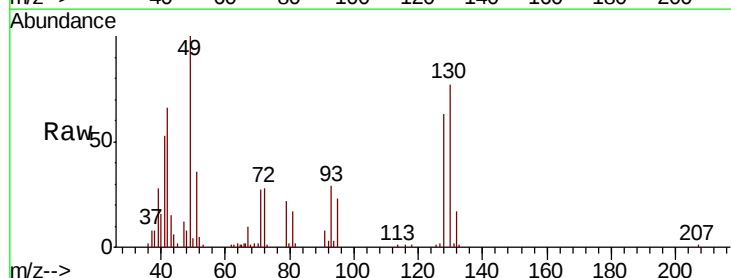
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

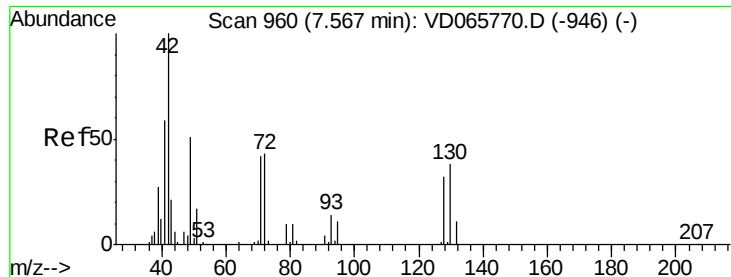
Tot Ion: 96 Resp: 114094
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 291.2
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.955 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 49 Resp: 77847
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 78.3 59.5 89.3

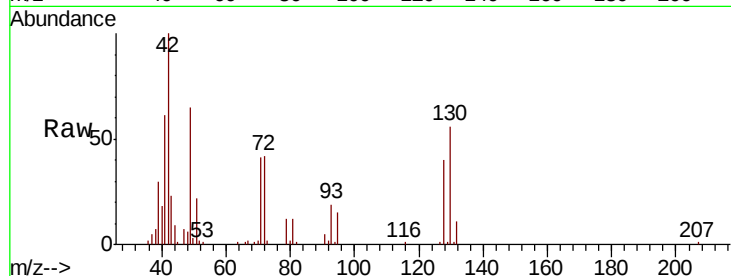




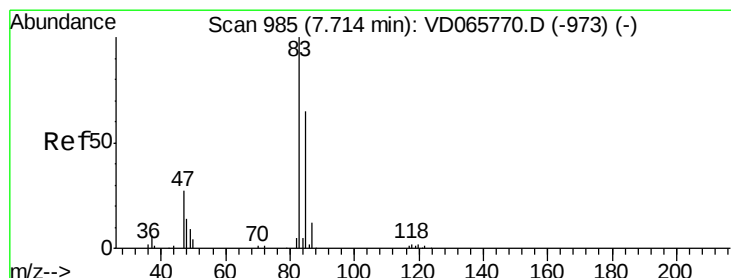
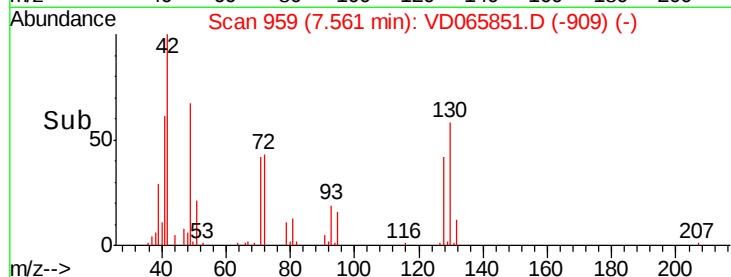
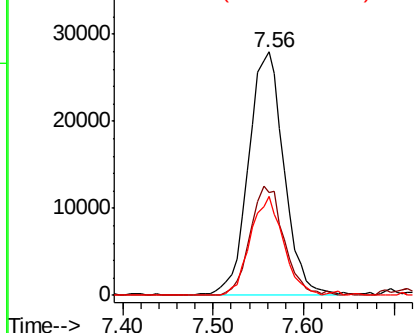
#29
Tetrahydrofuran
Concen: 223.407 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 42 Resp: 76284
Ion Ratio Lower Upper
42 100
72 42.8 34.9 52.3
71 37.9 31.2 46.8

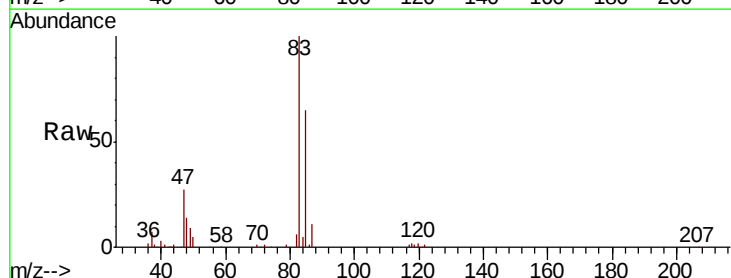


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

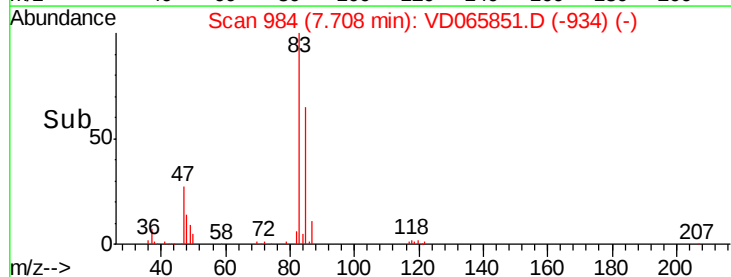
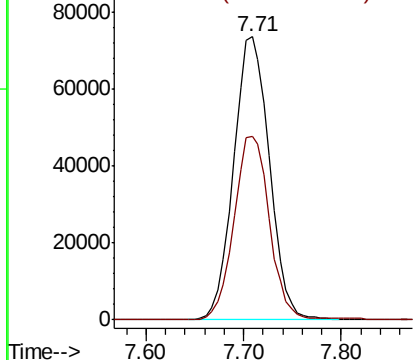


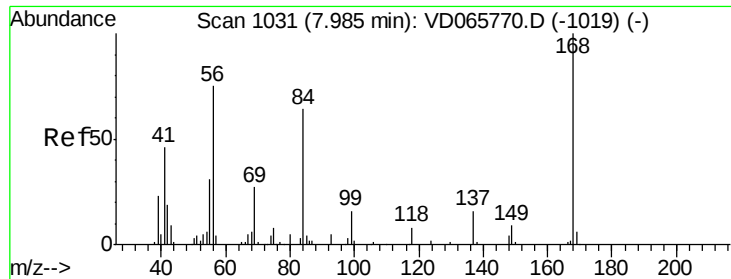
#30
Chloroform
Concen: 46.918 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 83 Resp: 188667
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9



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

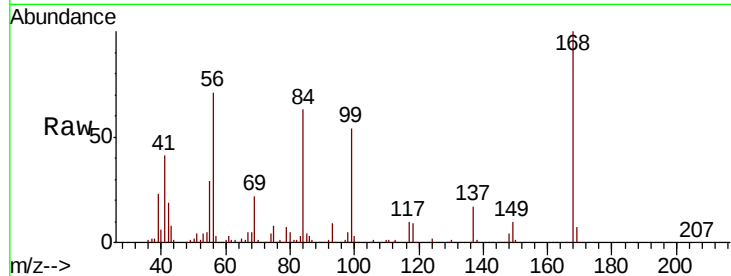




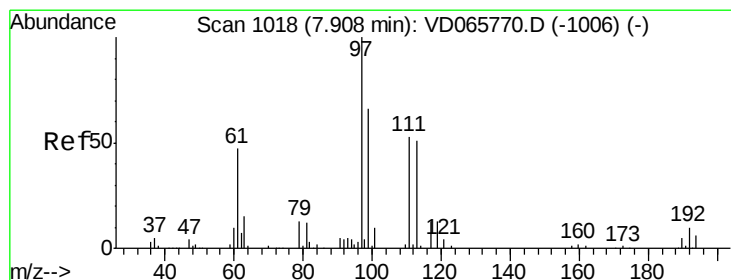
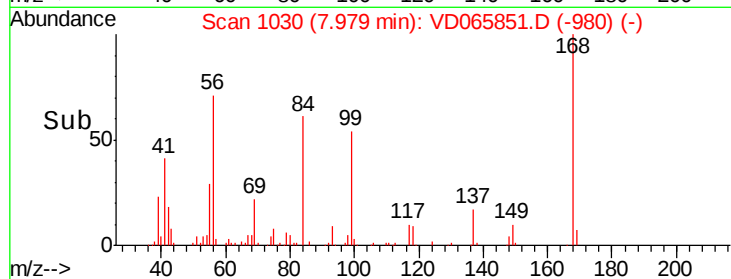
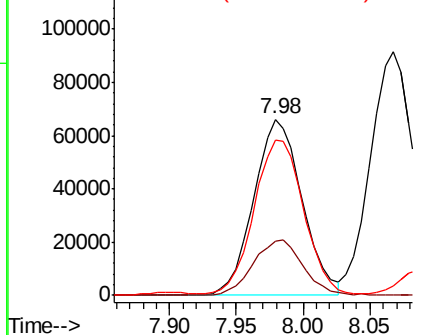
#31
Cyclohexane
Concen: 44.670 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 56 Resp: 166137
Ion Ratio Lower Upper
56 100
69 30.7 28.5 42.7
84 87.1 68.4 102.6

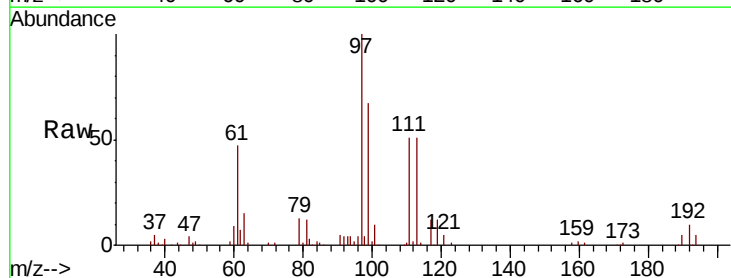


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

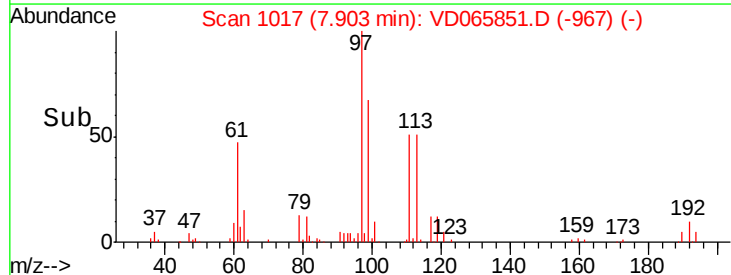
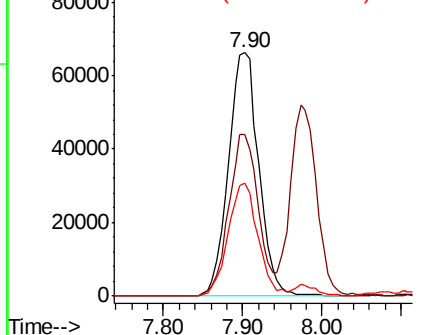


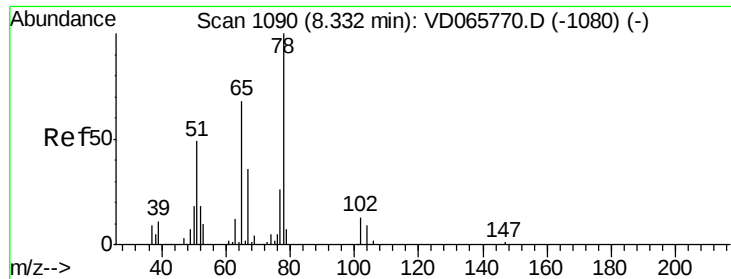
#32
1,1,1-Trichloroethane
Concen: 47.379 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 97 Resp: 175186
Ion Ratio Lower Upper
97 100
99 65.5 49.2 73.8
61 45.5 36.0 54.0



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

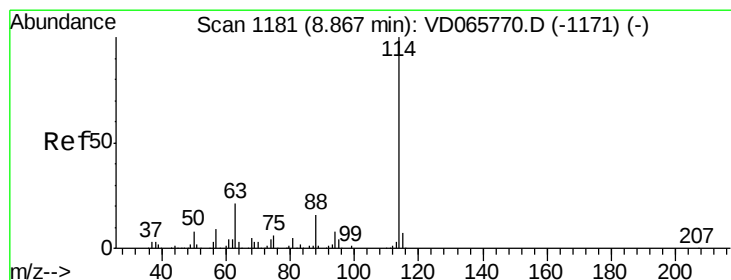
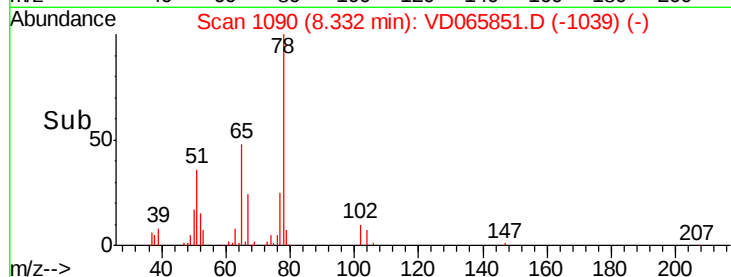
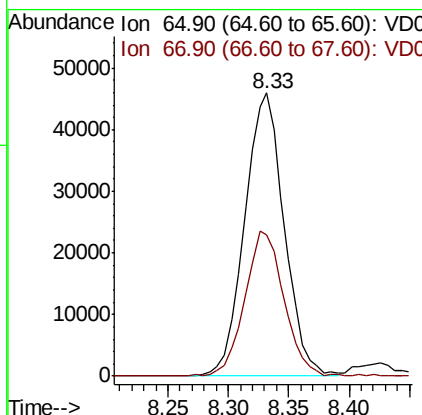
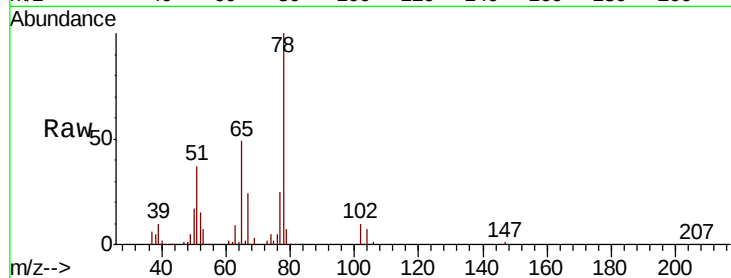




#33
 1,2-Dichloroethane-d4
 Concen: 50.326 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

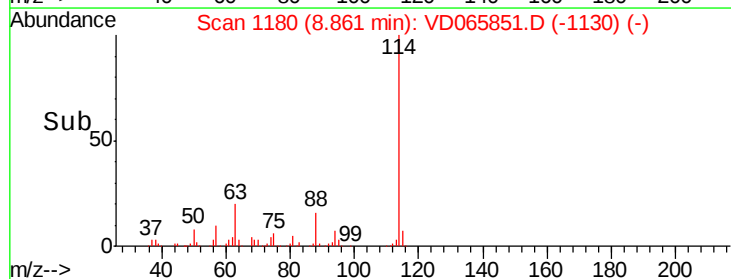
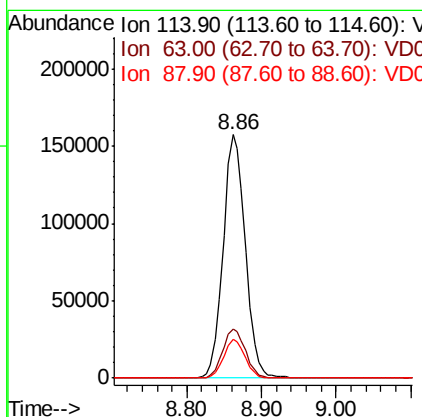
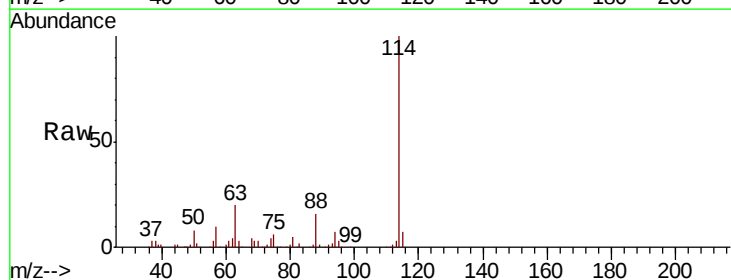
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

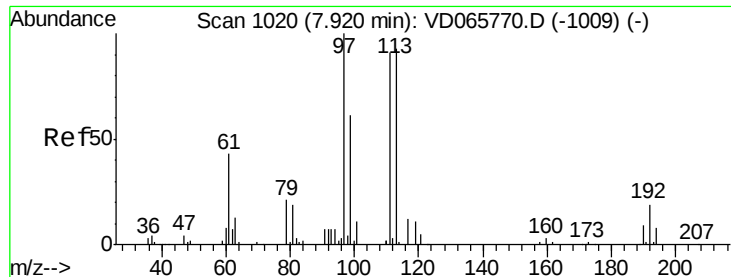
Tot Ion: 65 Resp: 104369
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 114 Resp: 325550
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 16.2 0.0 32.0

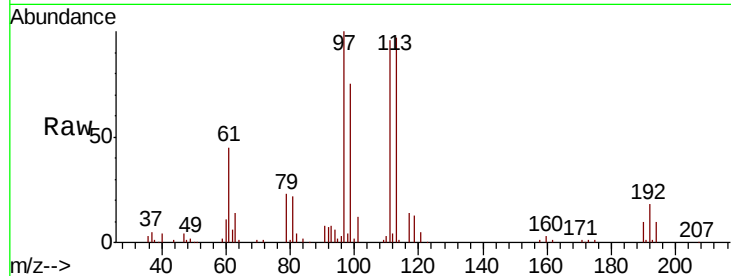




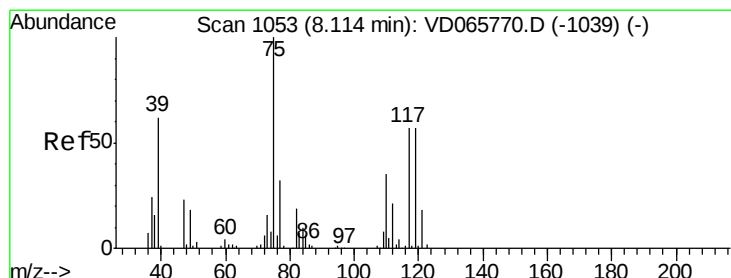
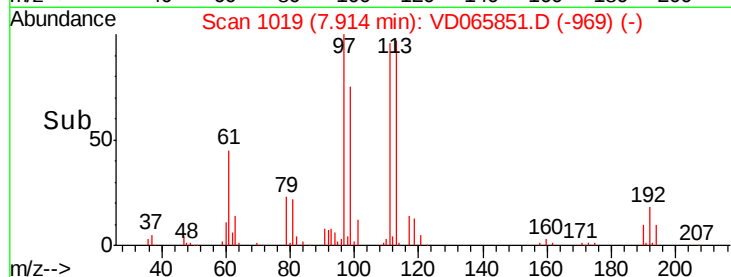
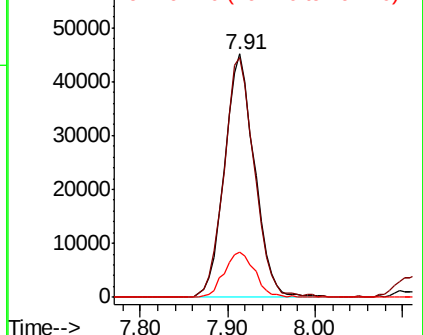
#35
Dibromofluoromethane
Concen: 51.313 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion:113 Resp: 105518
Ion Ratio Lower Upper
113 100
111 99.2 83.4 125.0
192 19.0 15.7 23.5

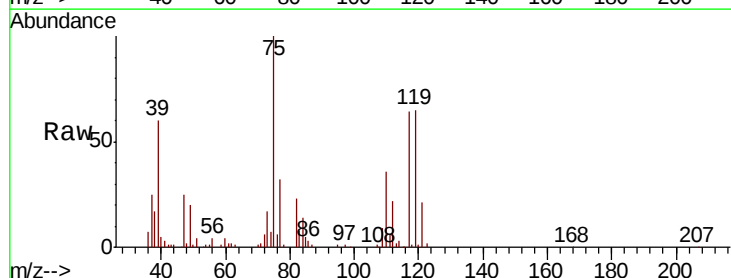


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

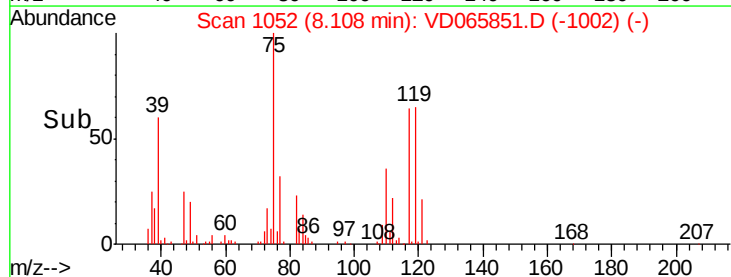
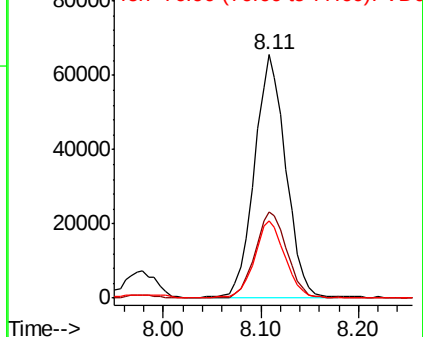


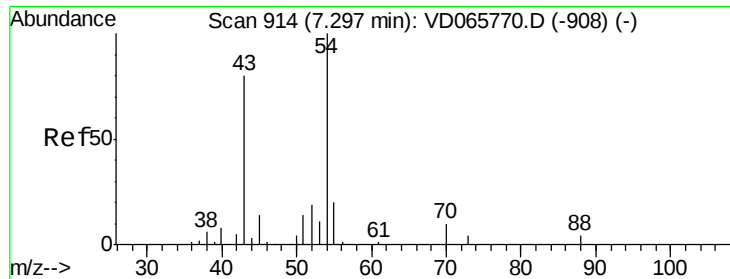
#36
1,1-Dichloropropene
Concen: 47.198 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 75 Resp: 147190
Ion Ratio Lower Upper
75 100
110 35.9 17.6 52.8
77 31.3 25.1 37.7



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





#37

Ethyl Acetate

Concen: 44.971 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

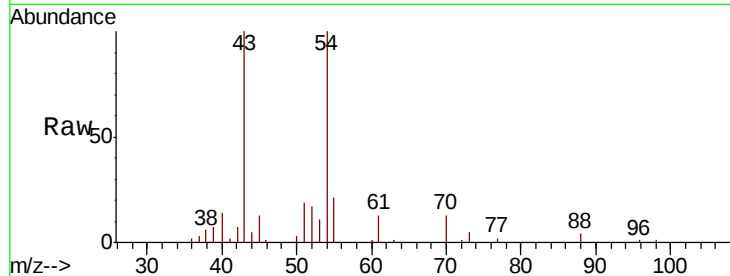
Tot Ion: 43 Resp: 55241

Ion Ratio Lower Upper

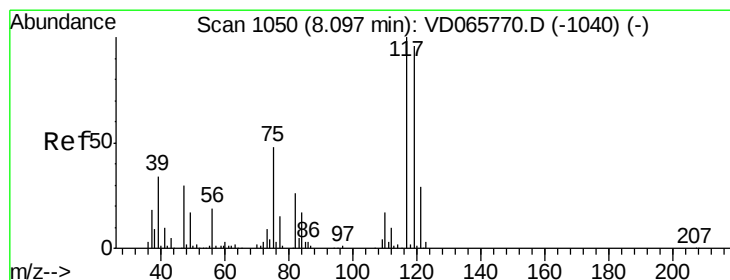
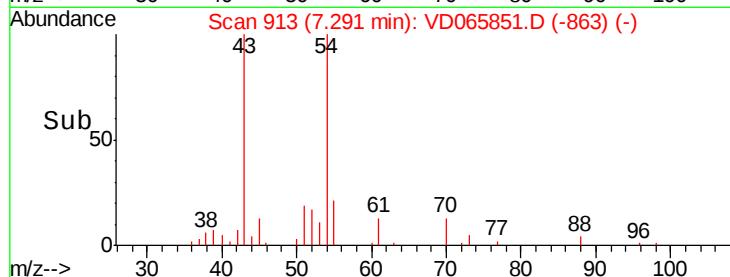
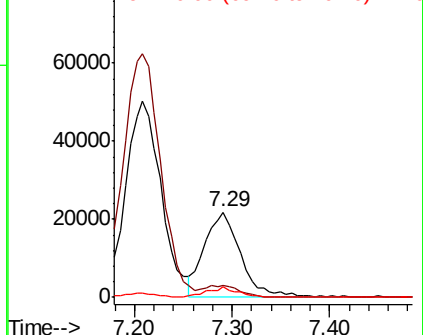
43 100

61 11.6 10.6 15.8

70 10.2 7.5 11.3



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



#38

Carbon Tetrachloride

Concen: 48.669 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

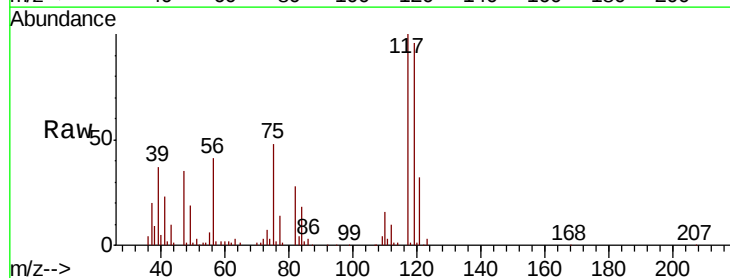
Tgt Ion: 117 Resp: 159730

Ion Ratio Lower Upper

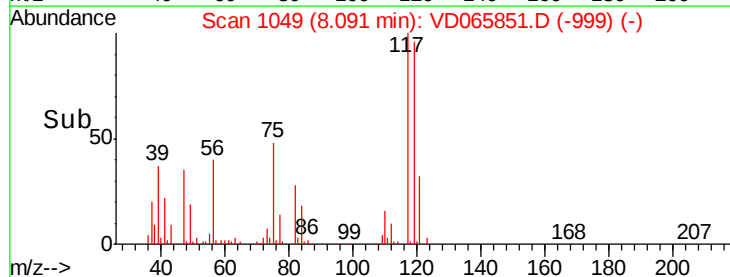
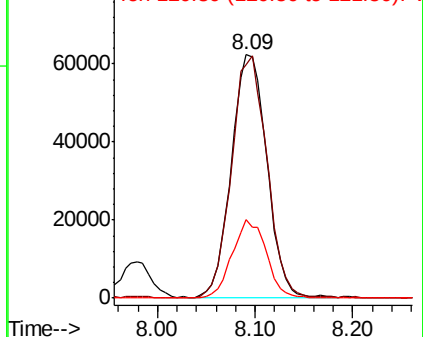
117 100

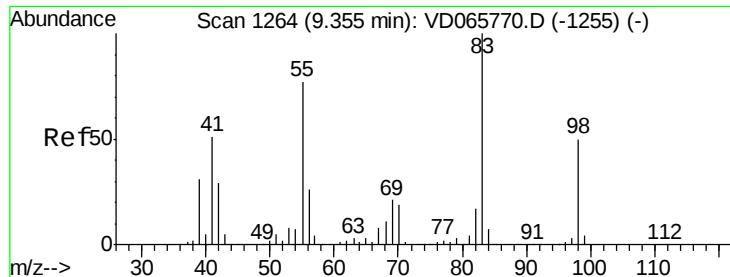
119 95.6 76.8 115.2

121 32.3 23.4 35.2



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

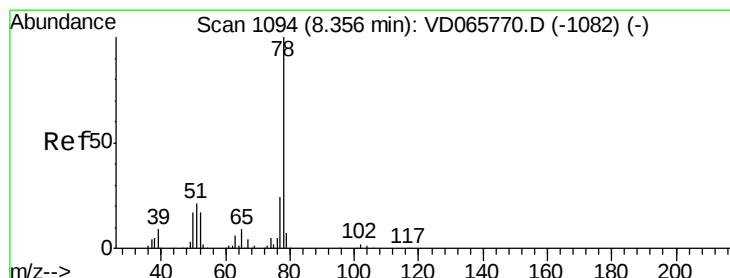
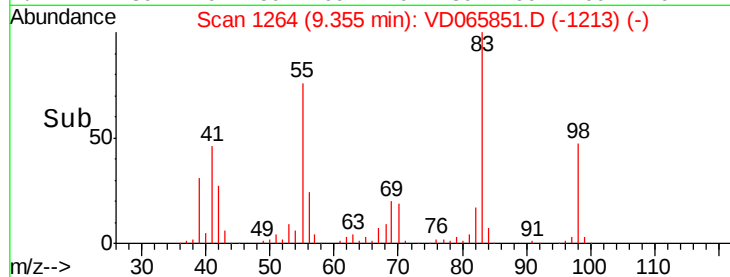
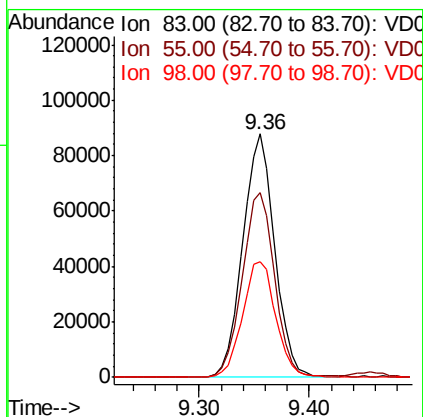
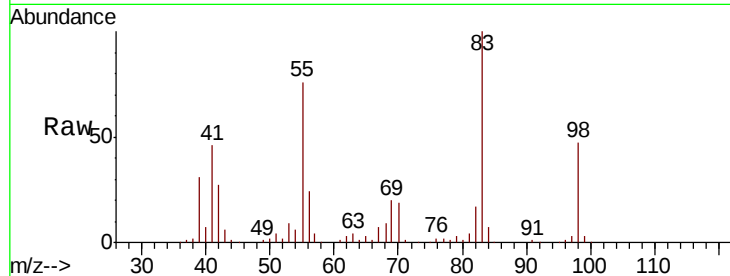




#39
Methvlcvclohexane
Concen: 48.415 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

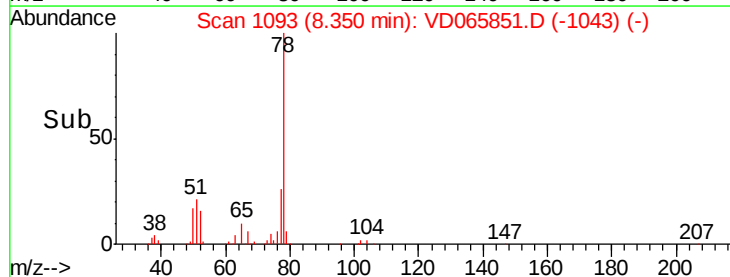
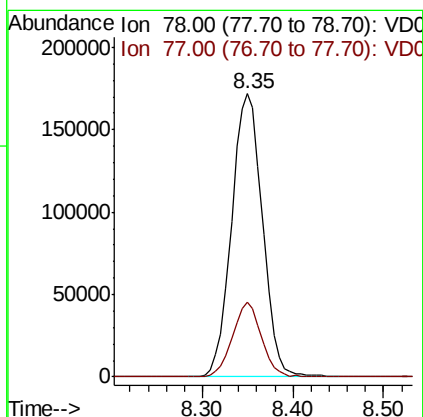
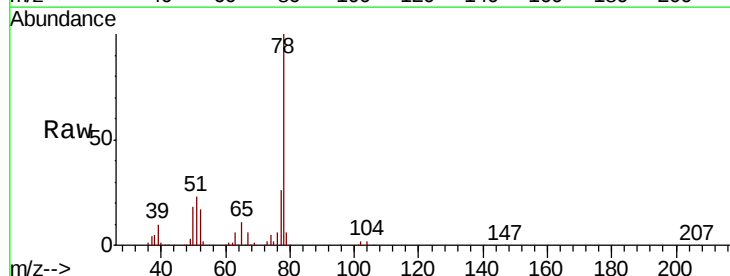
Instrument :
MSVOA_D
ClientSampled :
BFB

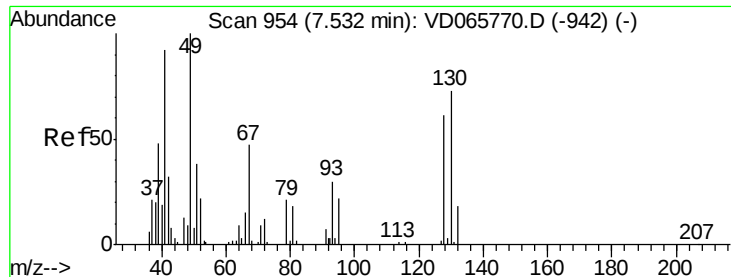
Tot Ion: 83 Resp: 178762
Ion Ratio Lower Upper
83 100
55 76.0 61.6 92.4
98 47.4 40.2 60.2



#40
Benzene
Concen: 47.731 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 78 Resp: 406934
Ion Ratio Lower Upper
78 100
77 26.5 19.2 28.8

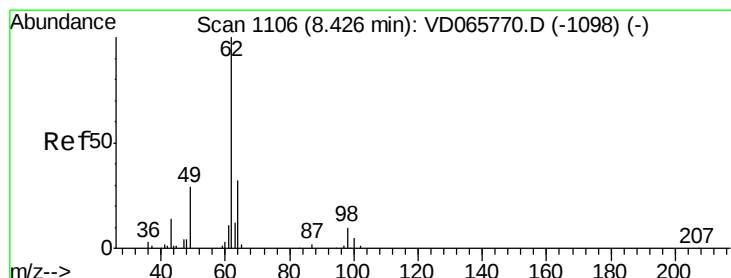
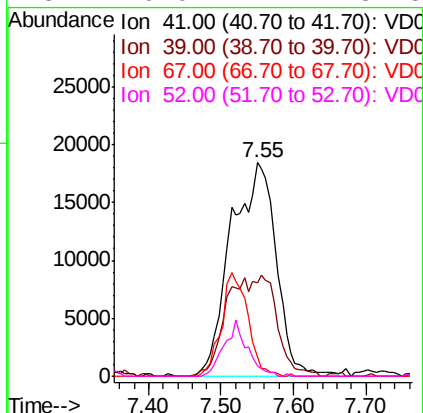
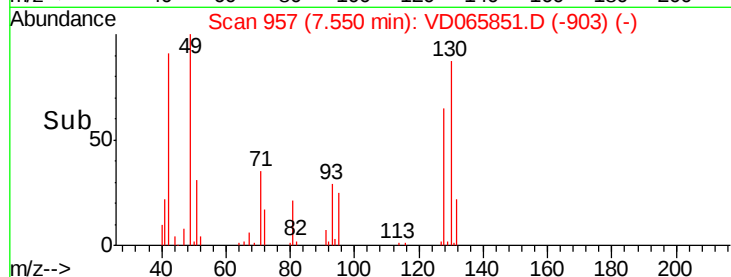
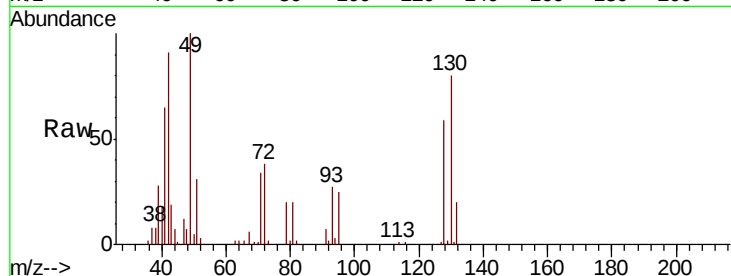




#41
Methacrylonitrile
Concen: 108.808 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.02 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

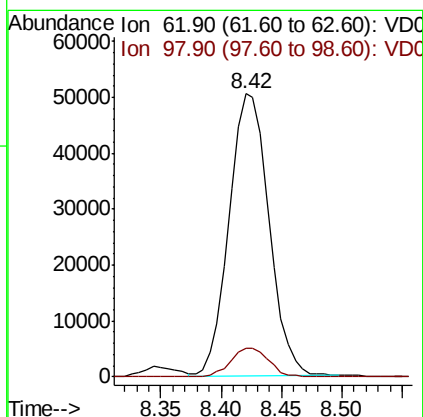
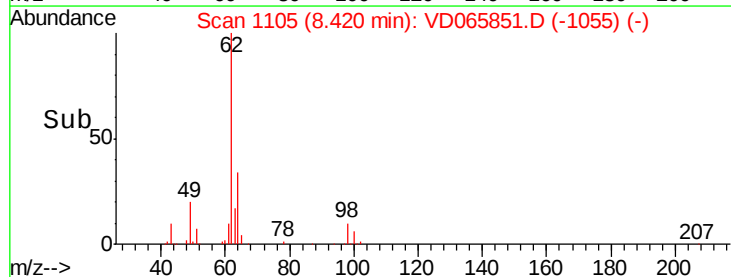
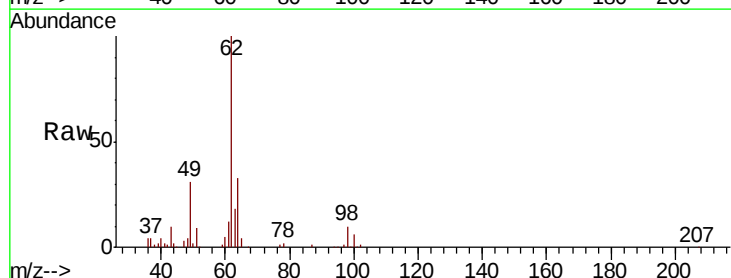
Instrument :
MSVOA_D
ClientSampleId :
BFB

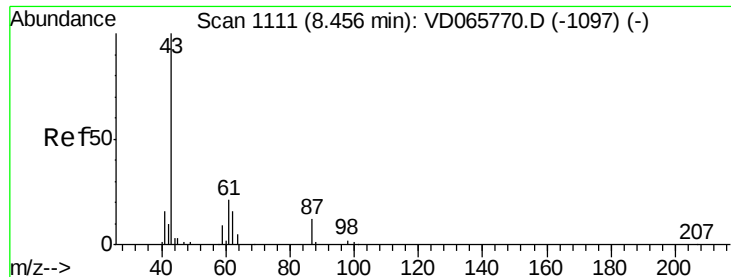
Tot Ion: 41 Resp: 79584
Ion Ratio Lower Upper
41 100
39 25.6 38.3 57.5#
67 0.0 49.8 74.6#
52 0.0 21.7 32.5#



#42
1,2-Dichloroethane
Concen: 45.208 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 62 Resp: 116293
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.6





#43

Isopropyl Acetate

Concen: 44.934 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

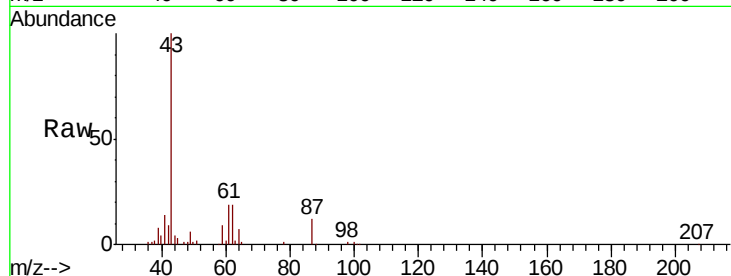
Tot Ion: 43 Resp: 109756

Ion Ratio Lower Upper

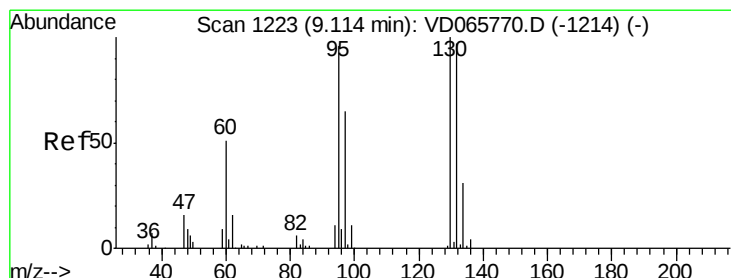
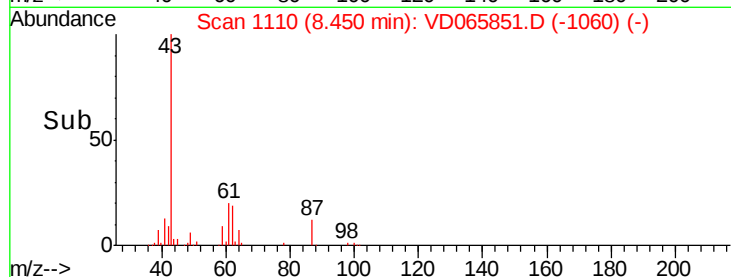
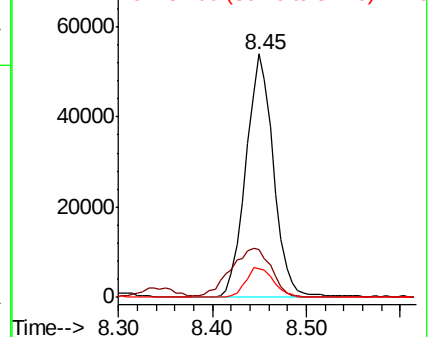
43 100

61 29.5 24.2 36.4

87 12.4 9.5 14.3



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



#44

Trichloroethene

Concen: 48.350 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065851.D

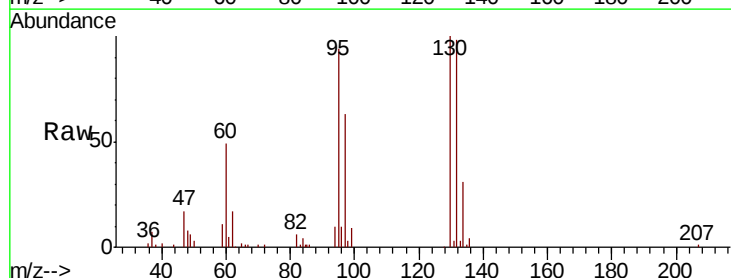
Acq: 23 Jun 2020 10:45

Tgt Ion:130 Resp: 114714

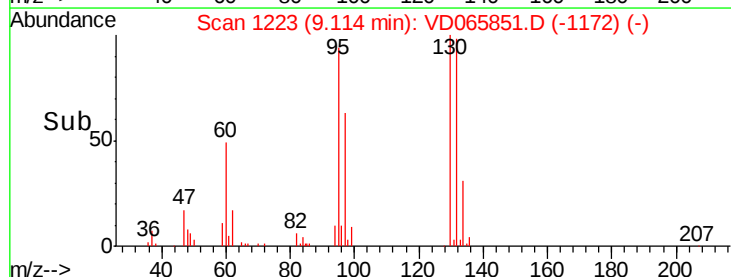
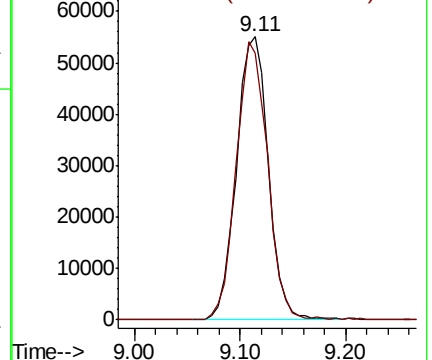
Ion Ratio Lower Upper

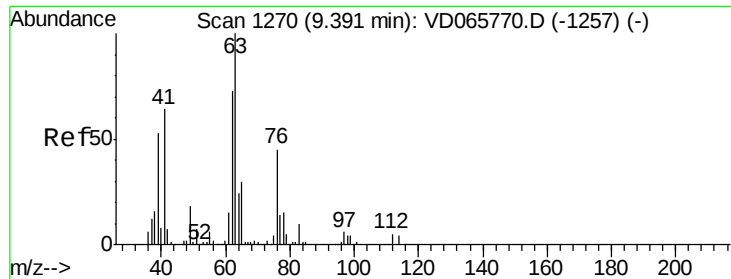
130 100

95 94.1 0.0 192.8



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

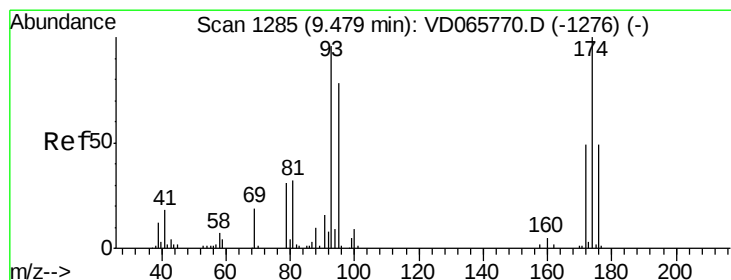
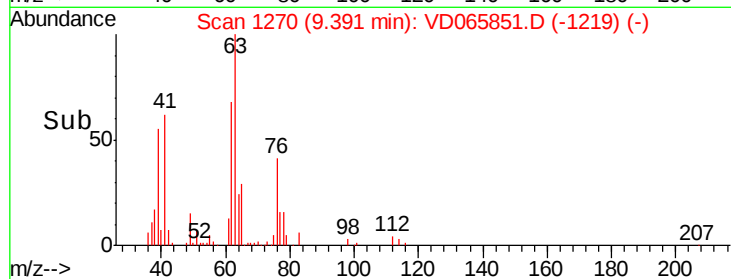
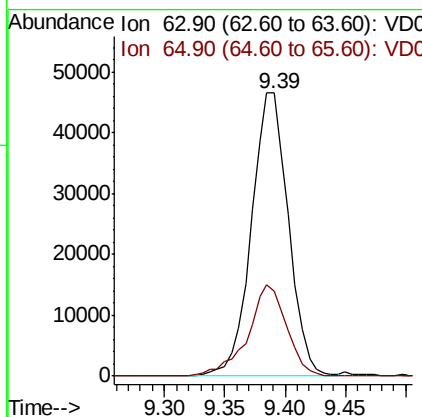
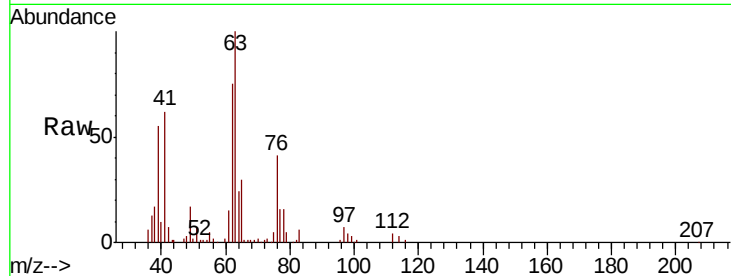




#45
 1,2-Dichloropropane
 Concen: 46.387 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

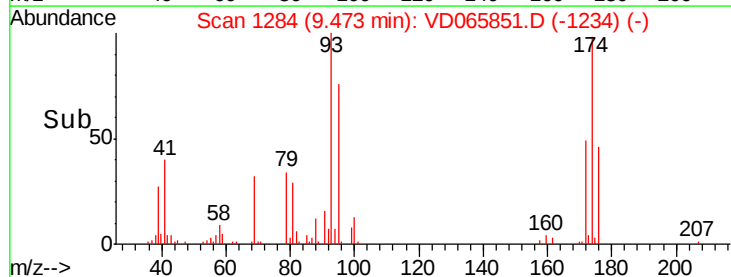
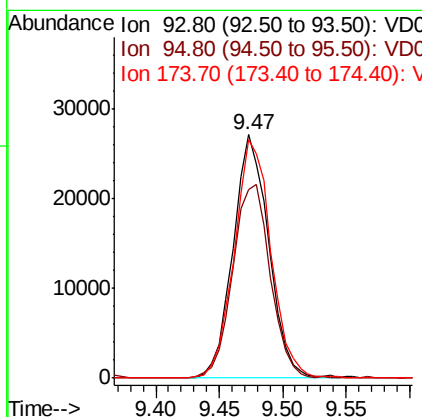
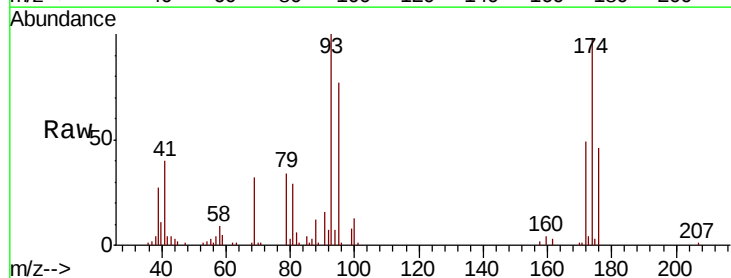
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

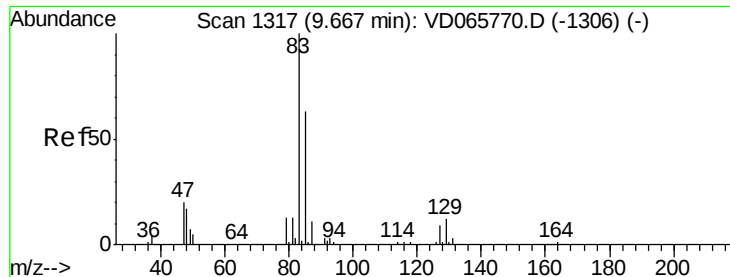
Tot Ion: 63 Resp: 99370
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.2 36.2



#46
 Dibromomethane
 Concen: 45.503 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 93 Resp: 52866
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.8 98.6
 174 100.9 80.9 121.3





#47

Bromodichloromethane

Concen: 46.270 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

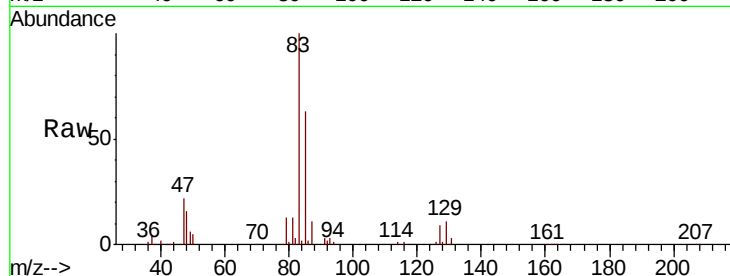
Tot Ion: 83 Resp: 144052

Ion Ratio Lower Upper

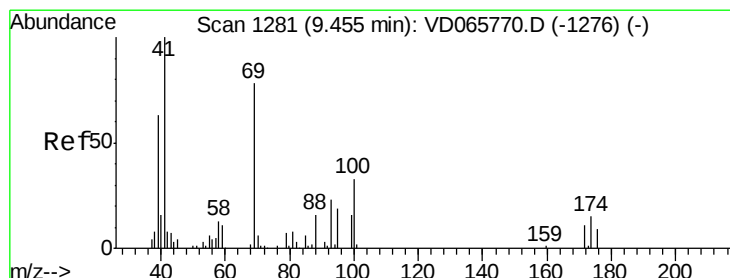
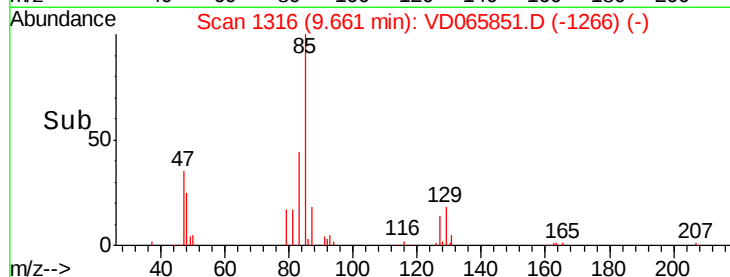
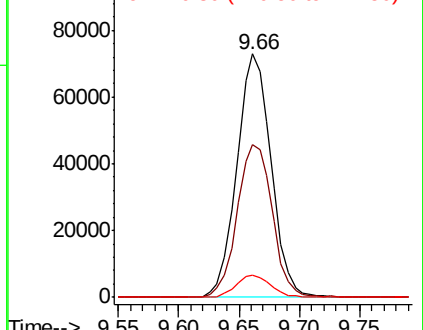
83 100

85 62.7 50.7 76.1

127 8.9 7.1 10.7



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



#48

Methyl methacrylate

Concen: 46.214 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

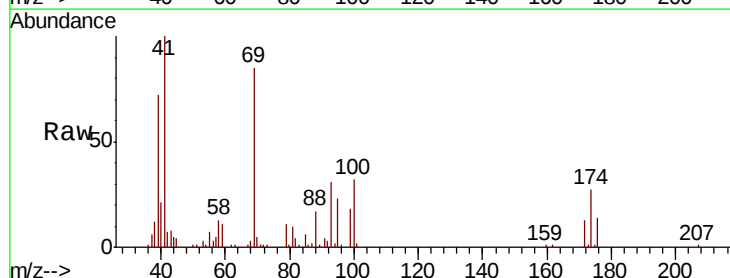
Tgt Ion: 41 Resp: 54640

Ion Ratio Lower Upper

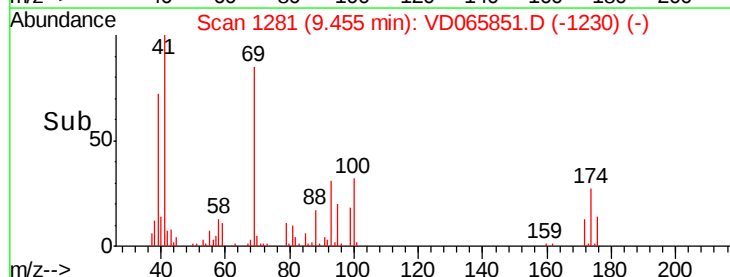
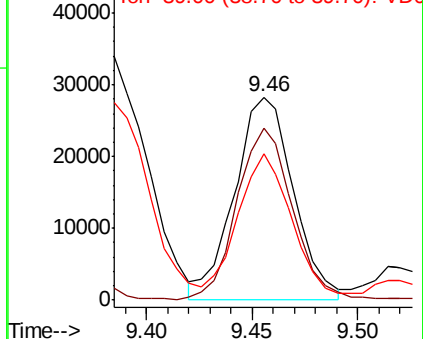
41 100

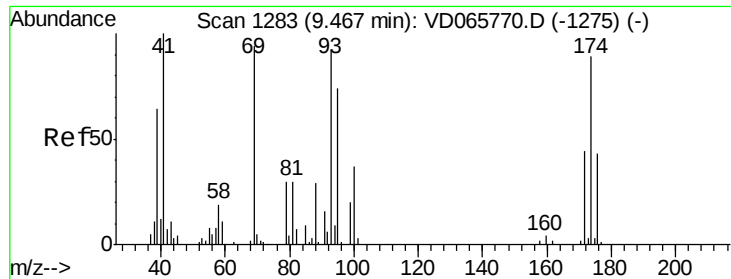
69 80.7 60.9 91.3

39 60.5 48.1 72.1



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: 861.797 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampled :

BFB

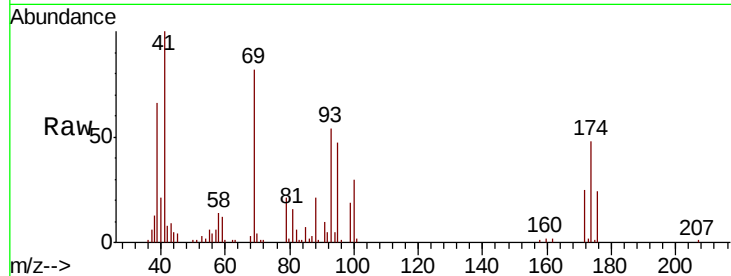
Tot Ion: 88 Resp: 10657

Ion Ratio Lower Upper

88 100

43 44.9 32.2 48.4

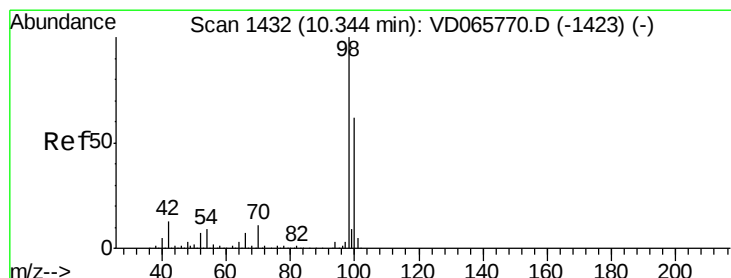
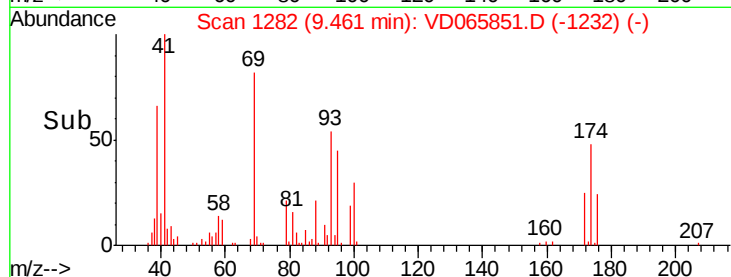
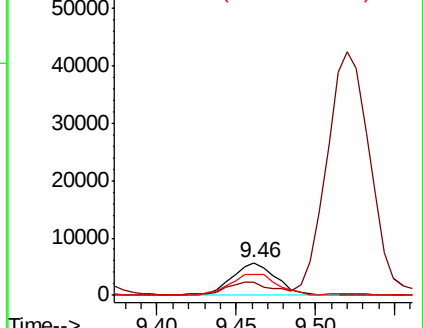
58 71.7 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.698 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD065851.D

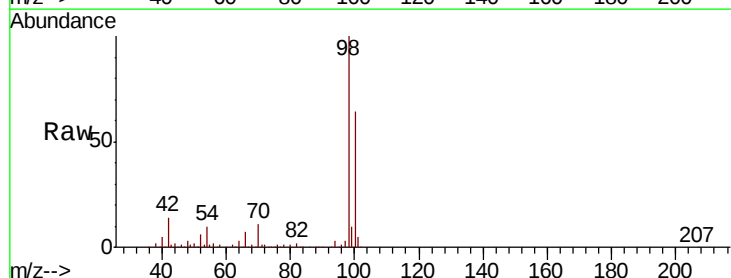
Acq: 23 Jun 2020 10:45

Tgt Ion: 98 Resp: 396416

Ion Ratio Lower Upper

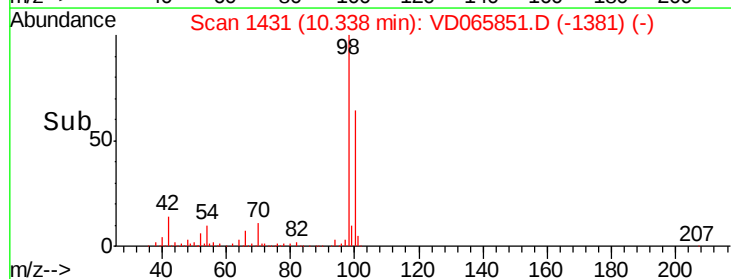
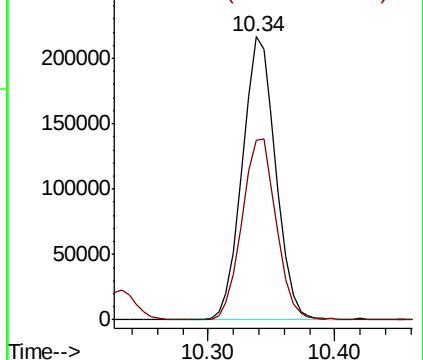
98 100

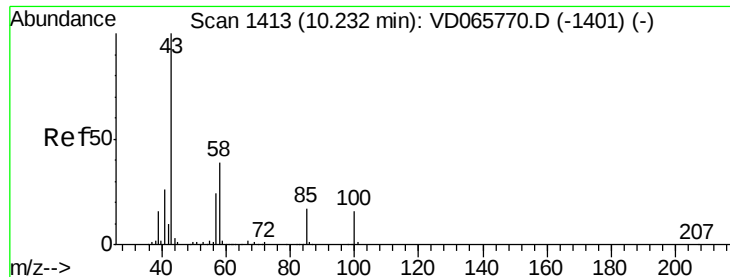
100 65.9 51.4 77.2



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: 232.858 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

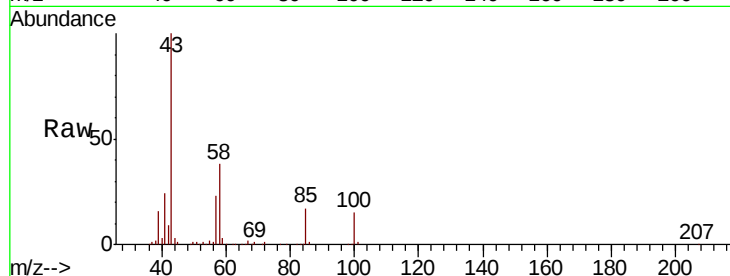
BFB

Tot Ion: 43 Resp: 278708

Ion Ratio Lower Upper

43 100

58 37.8 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

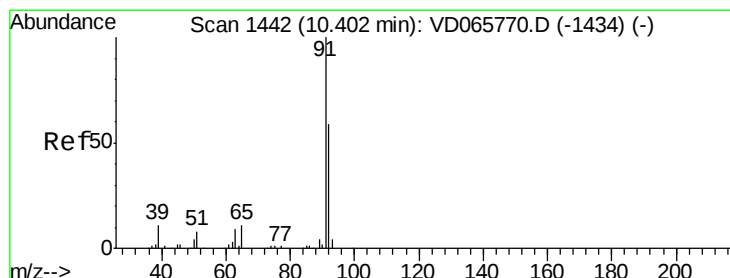
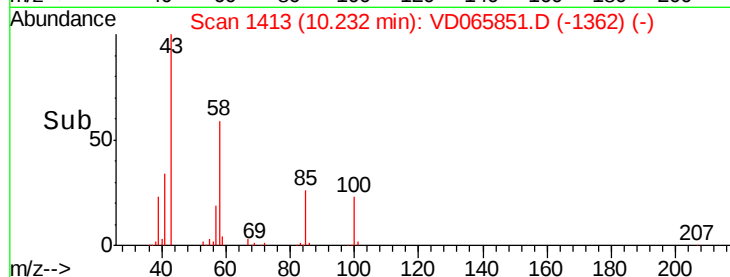
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 47.831 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065851.D

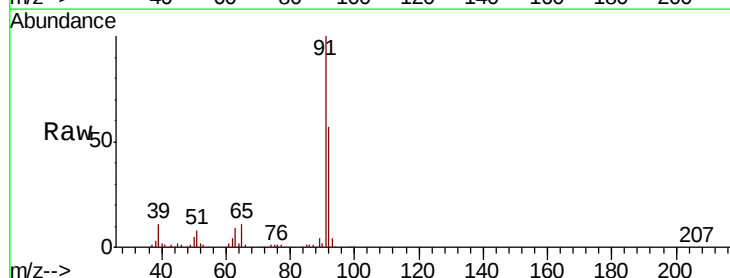
Acq: 23 Jun 2020 10:45

Tgt Ion: 92 Resp: 264960

Ion Ratio Lower Upper

92 100

91 174.8 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

300000

250000

200000

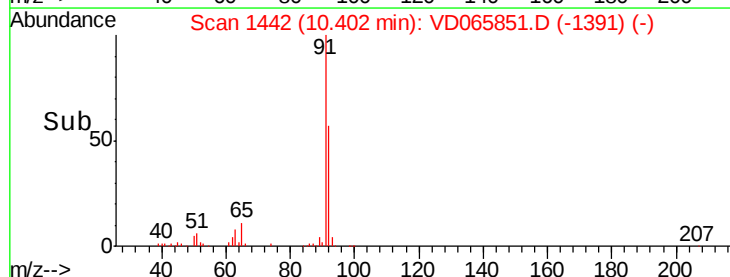
150000

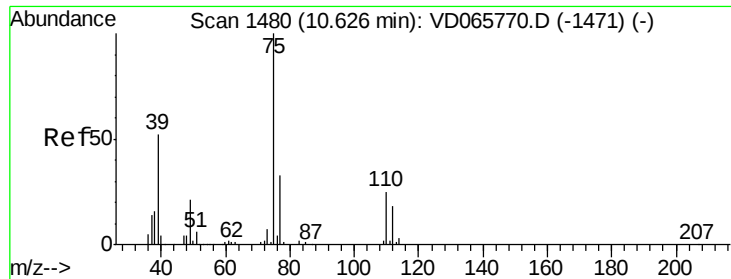
100000

50000

0

Time--> 10.30 10.40





#53

t-1,3-Dichloropropene

Concen: 48.829 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

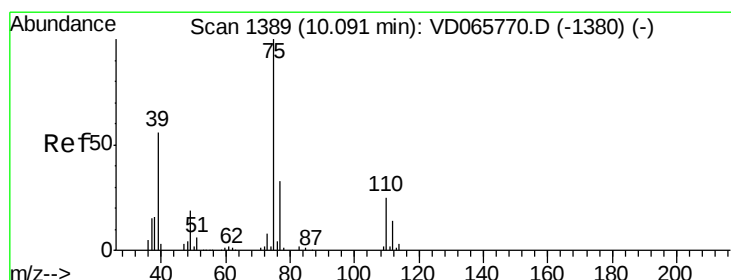
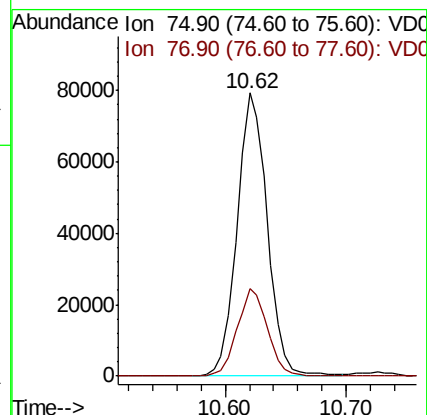
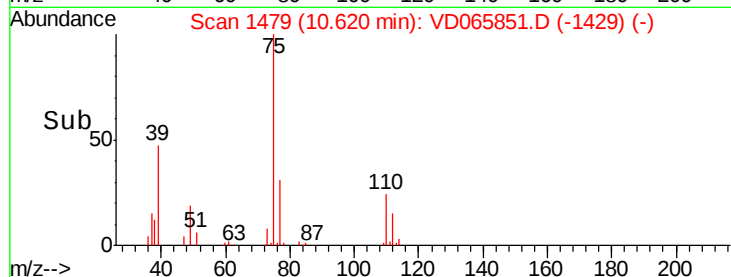
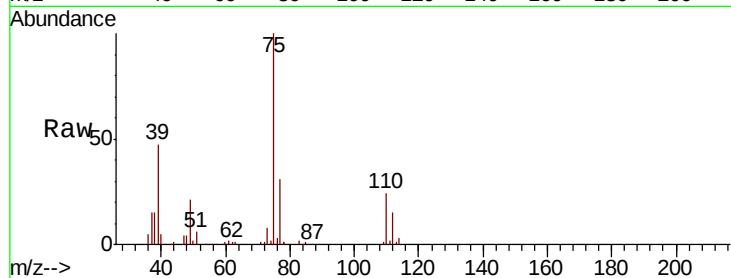
BFB

Tot Ion: 75 Resp: 137660

Ion Ratio Lower Upper

75 100

77 31.0 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 47.890 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

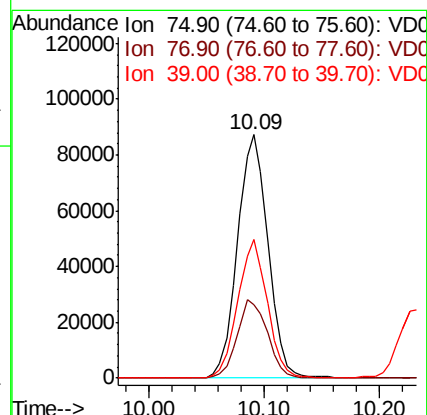
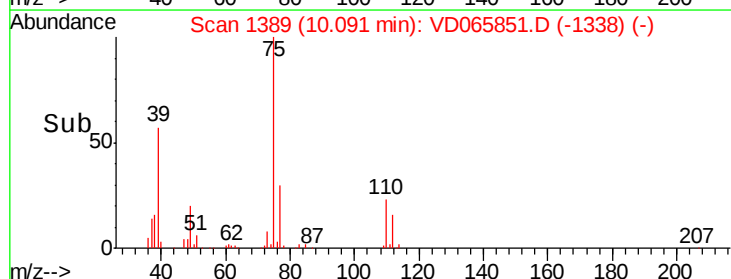
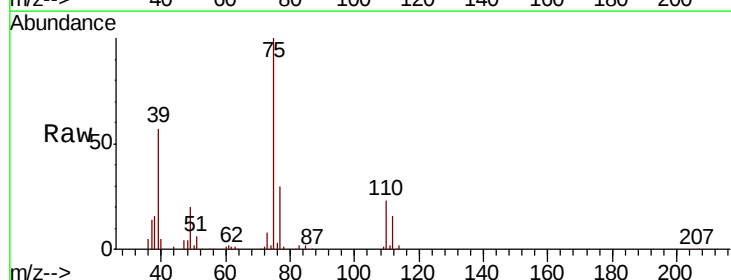
Tgt Ion: 75 Resp: 159454

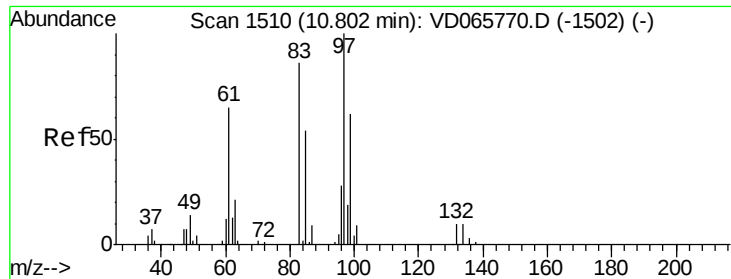
Ion Ratio Lower Upper

75 100

77 30.3 26.0 39.0

39 56.7 45.0 67.6

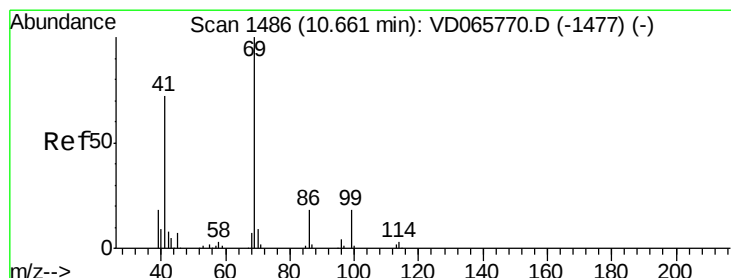
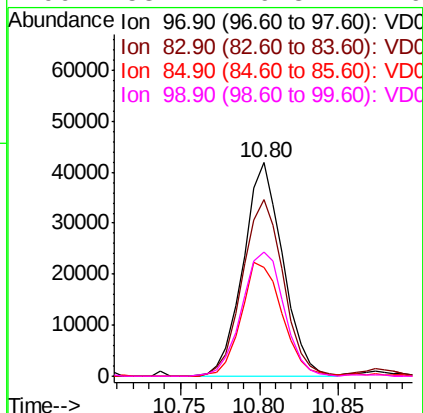
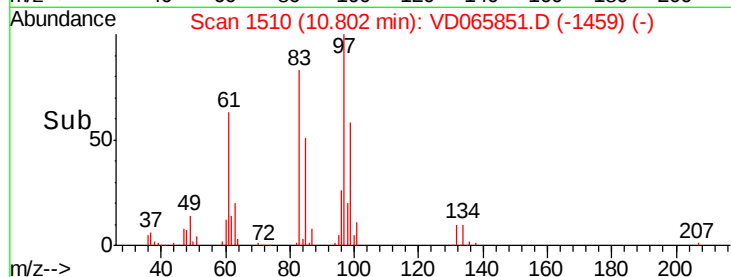
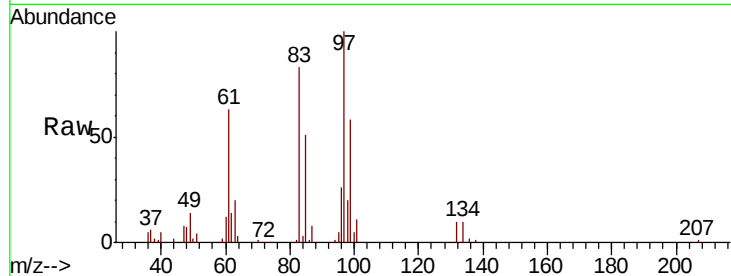




#55
 1,1,2-Trichloroethane
 Concen: 46.822 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

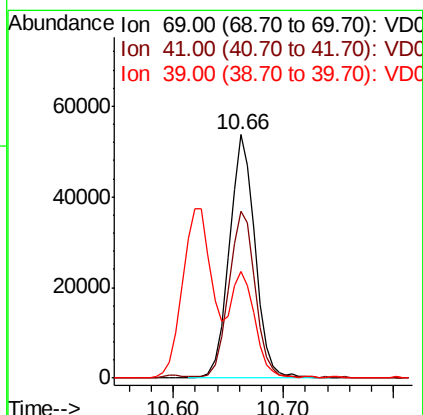
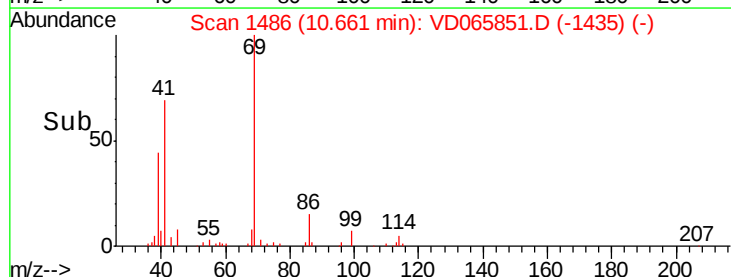
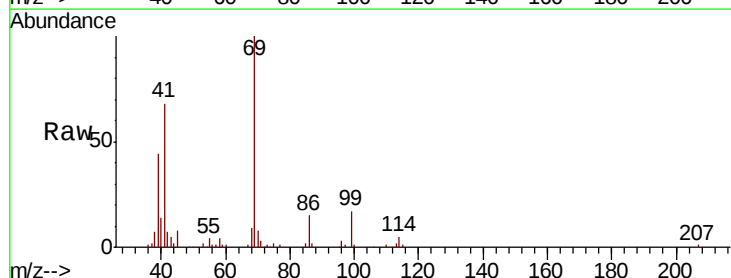
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

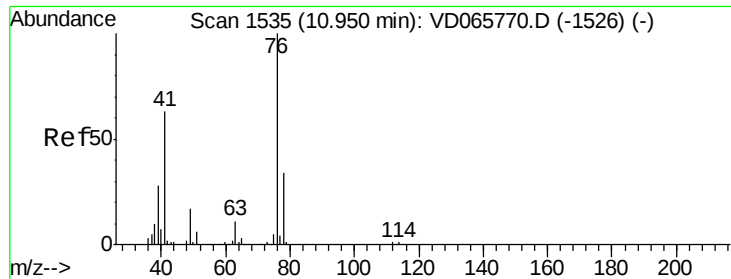
Tot Ion: 97 Resp: 72684
 Ion Ratio Lower Upper
 97 100
 83 82.7 68.7 103.1
 85 50.7 43.0 64.6
 99 58.1 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 48.028 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 69 Resp: 87694
 Ion Ratio Lower Upper
 69 100
 41 69.0 56.9 85.3
 39 42.9 36.0 54.0

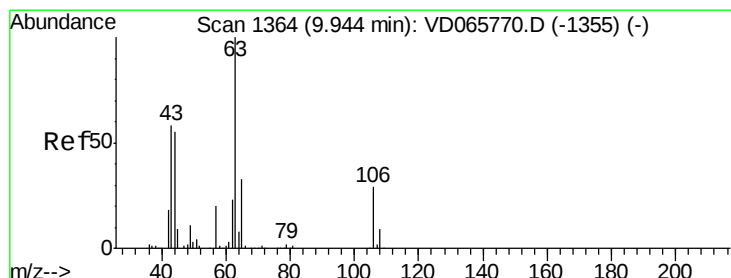
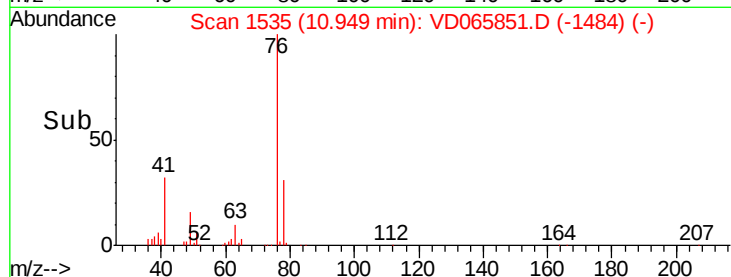
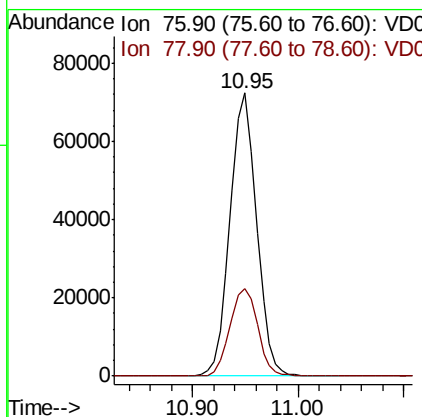
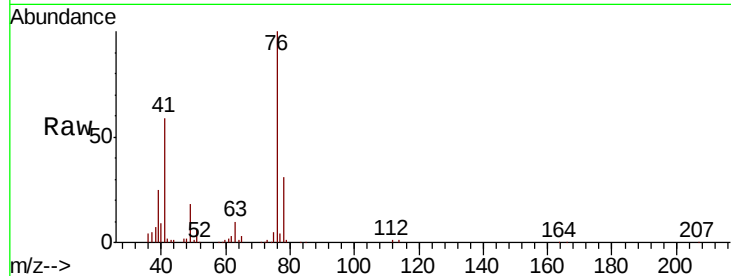




#57
 1,3-Dichloropropane
 Concen: 46.855 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

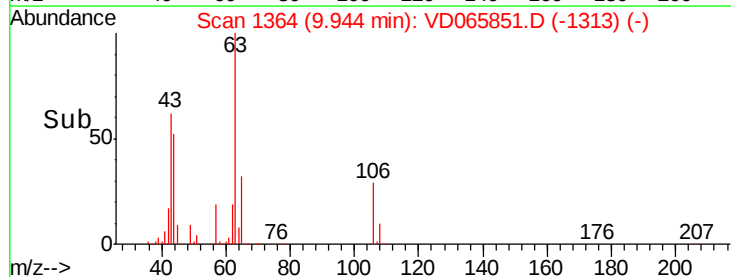
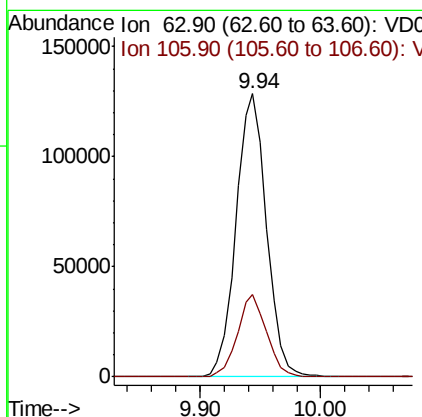
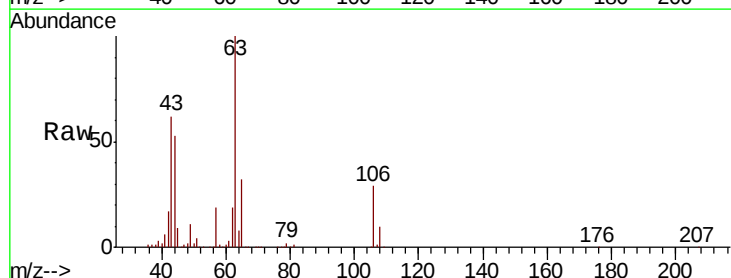
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

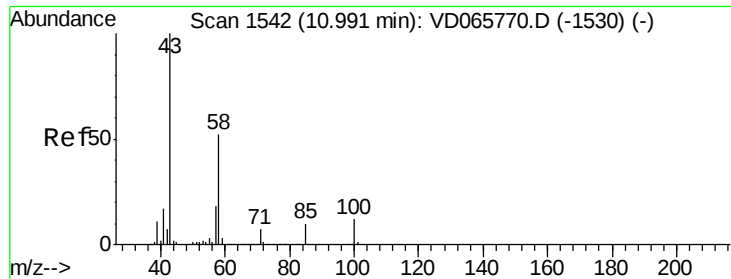
Tot Ion: 76 Resp: 126014
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.010 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 63 Resp: 225813
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.2 34.8

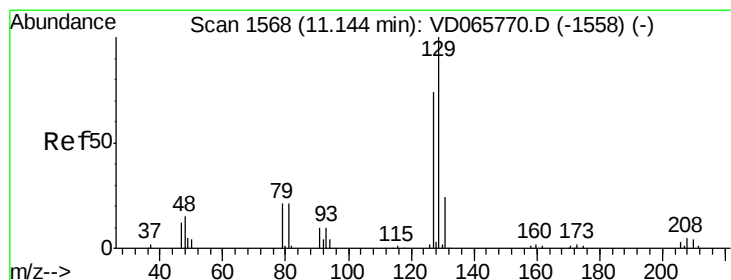
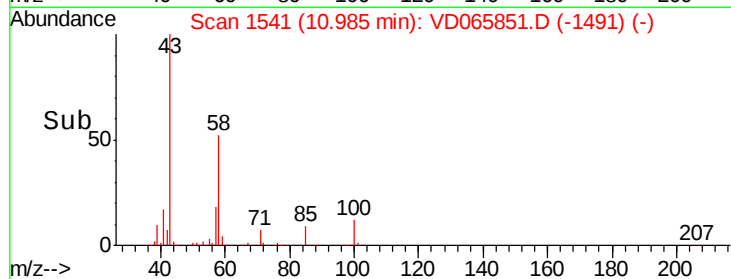
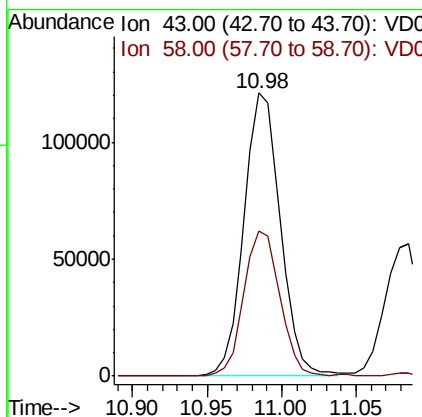
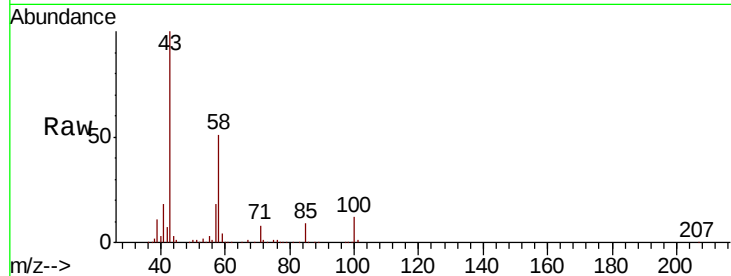




#59
2-Hexanone
Concen: 253.885 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

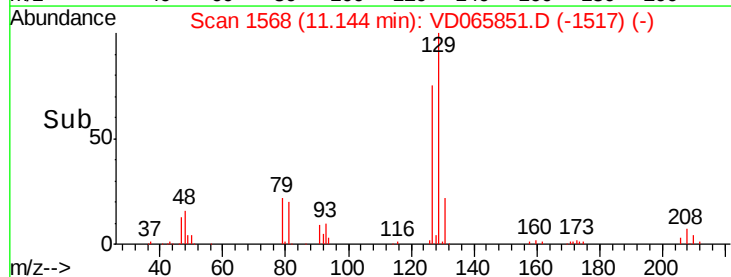
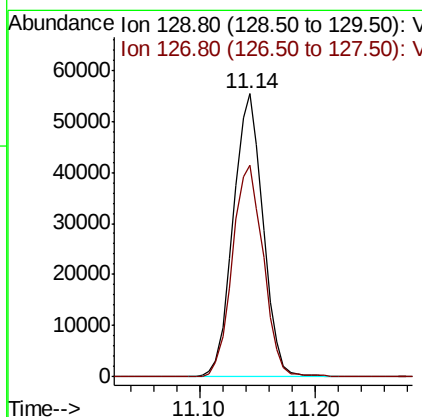
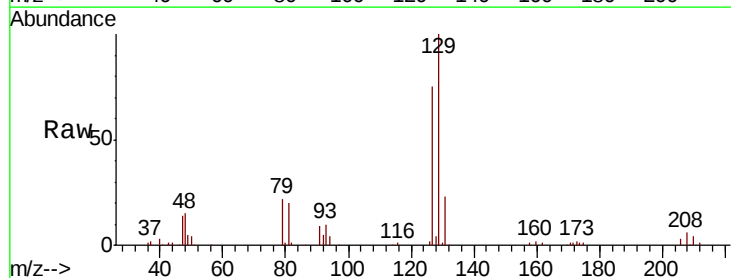
Instrument :
MSVOA_D
ClientSampleId :
BFB

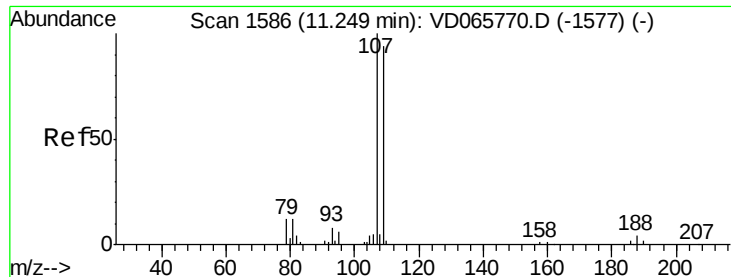
Tot Ion: 43 Resp: 204870
Ion Ratio Lower Upper
43 100
58 51.0 25.7 77.0



#60
Dibromochloromethane
Concen: 47.206 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 129 Resp: 98994
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9

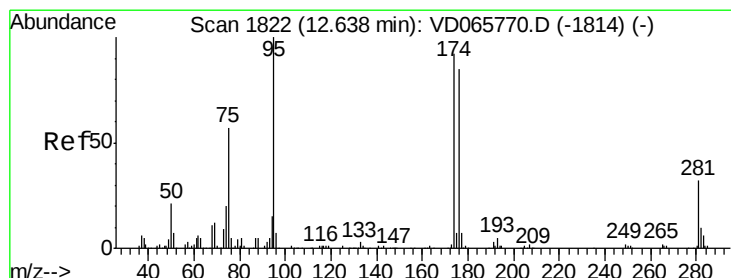
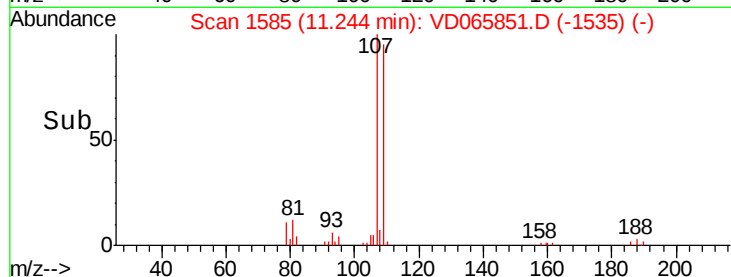
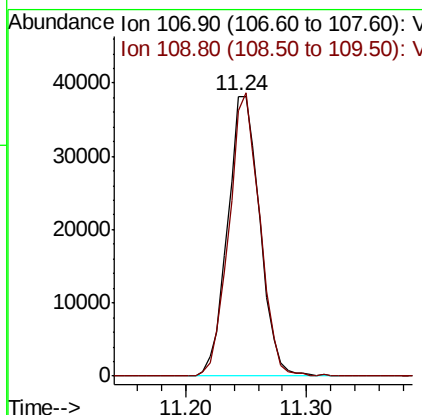
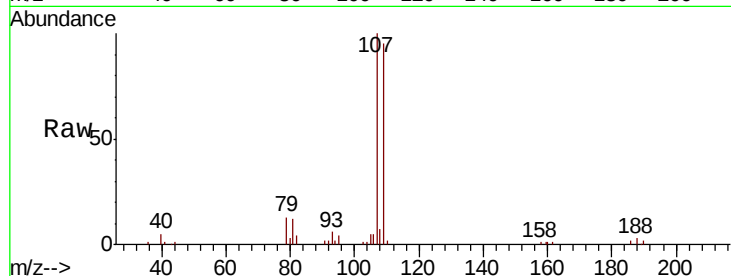




#61
 1,2-Dibromoethane
 Concen: 46.623 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

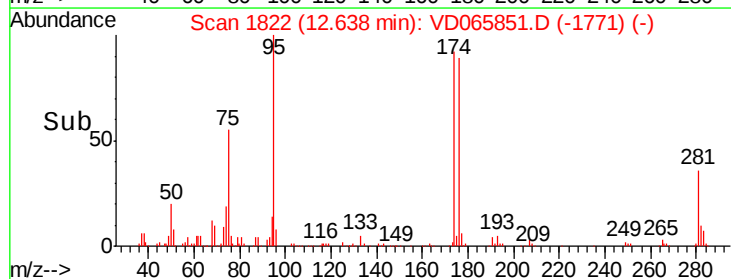
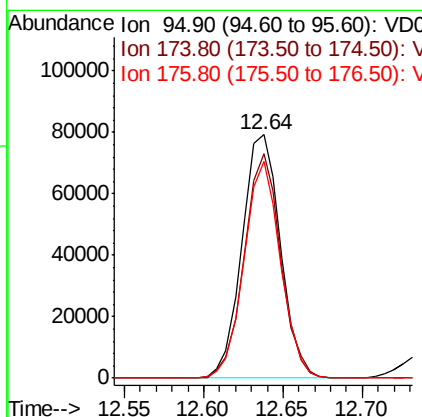
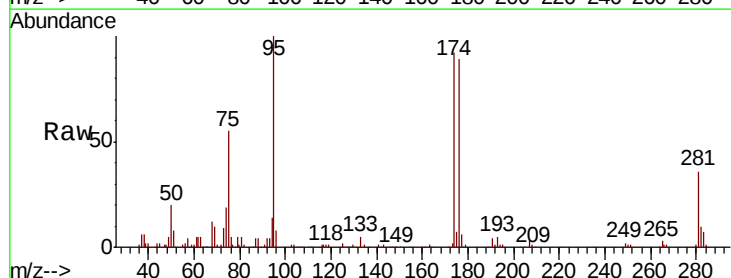
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

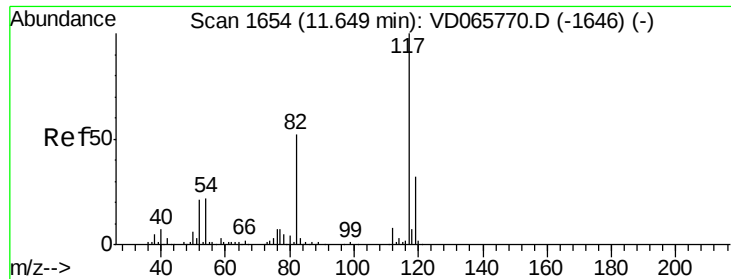
Tot Ion:107 Resp: 71127
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 51.242 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion: 95 Resp: 133252
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 175.2
 176 84.3 0.0 163.0

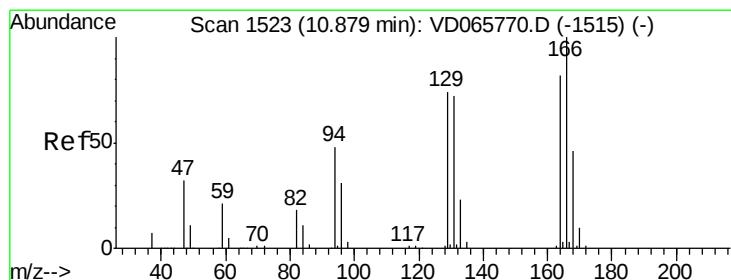
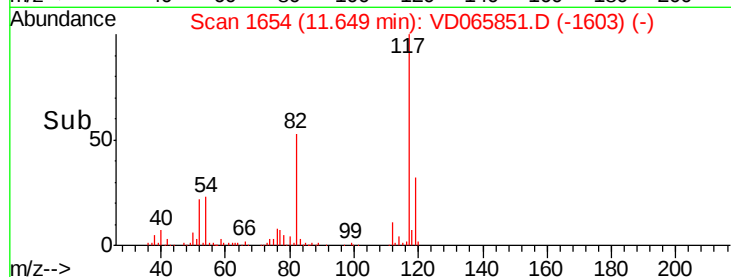
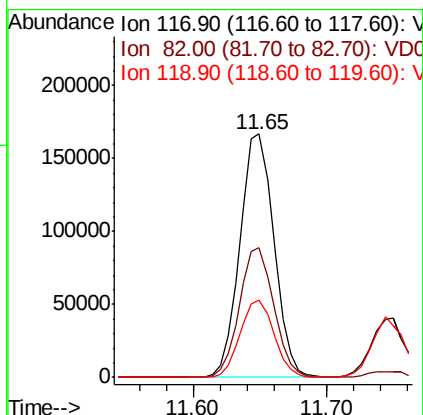
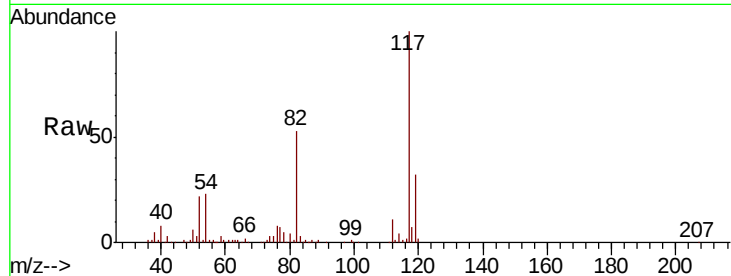




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

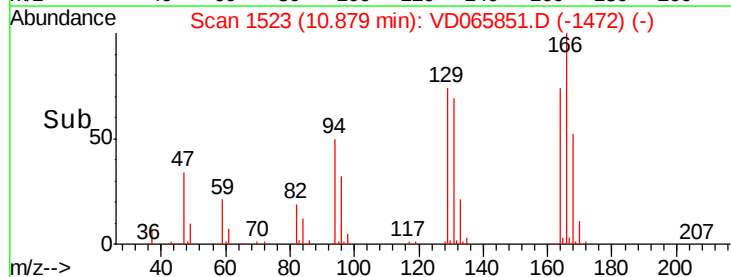
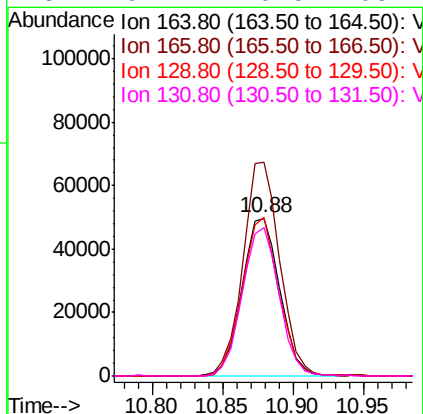
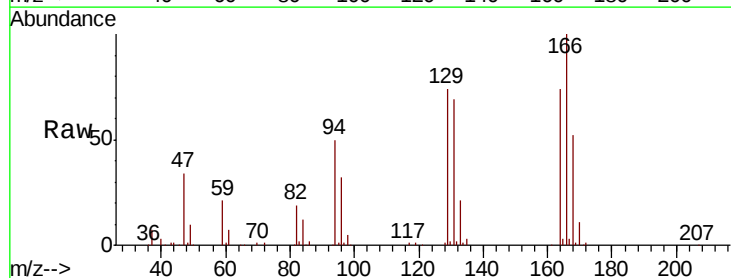
Instrument :
MSVOA_D
ClientSampled :
BFB

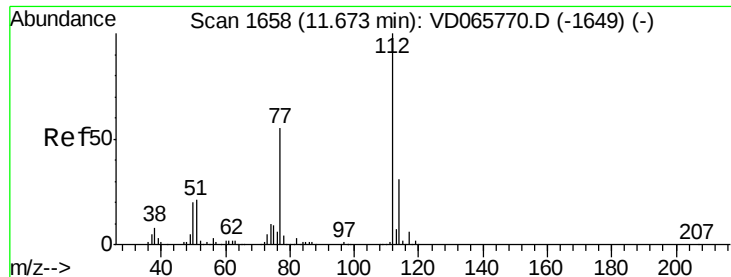
Tot Ion:117 Resp: 294989
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 46.780 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion:164 Resp: 93314
Ion Ratio Lower Upper
164 100
166 135.5 98.2 147.2
129 100.3 72.3 108.5
131 94.1 70.5 105.7

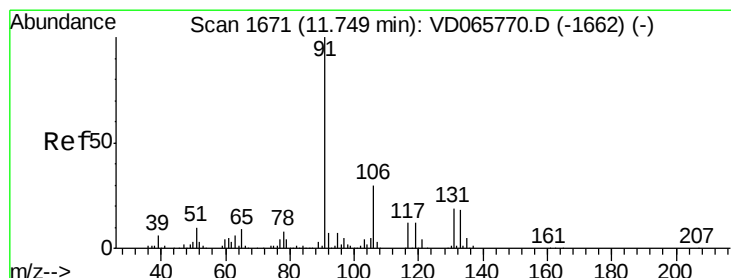
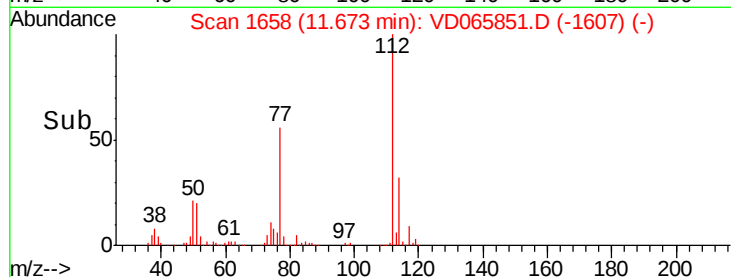
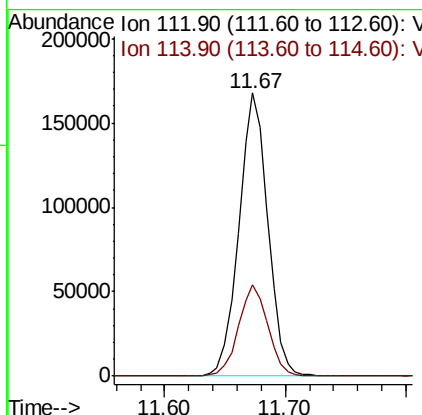
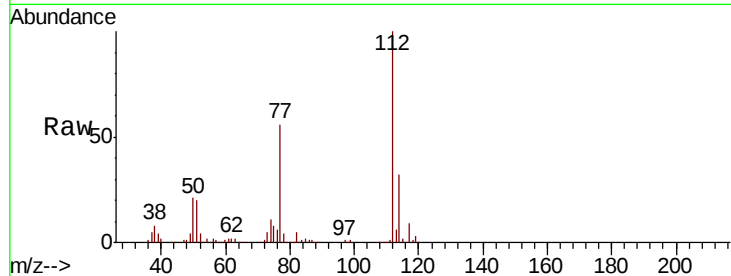




#65
Chlorobenzene
Concen: 48.543 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

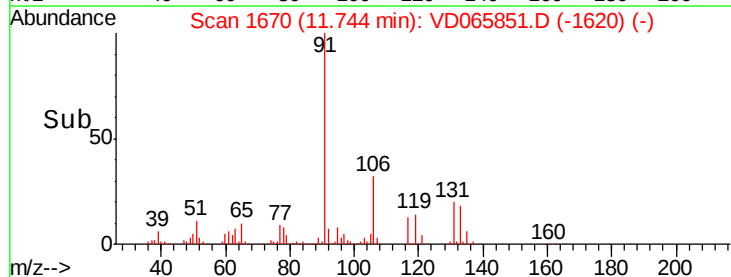
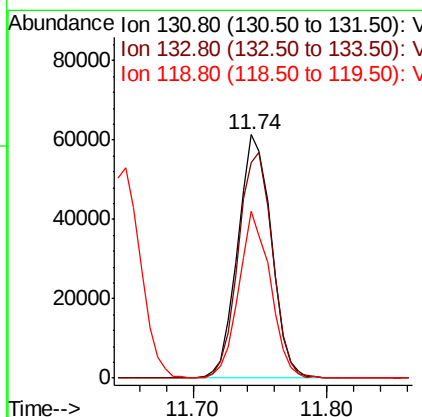
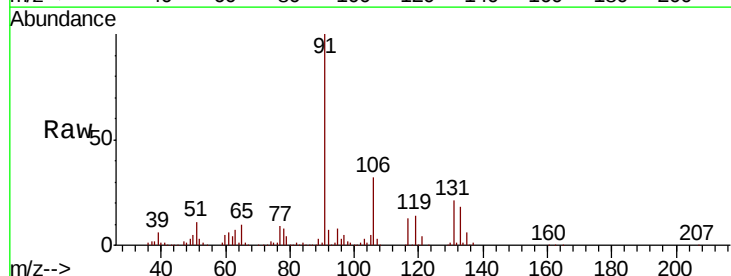
Instrument :
MSVOA_D
ClientSampleId :
BFB

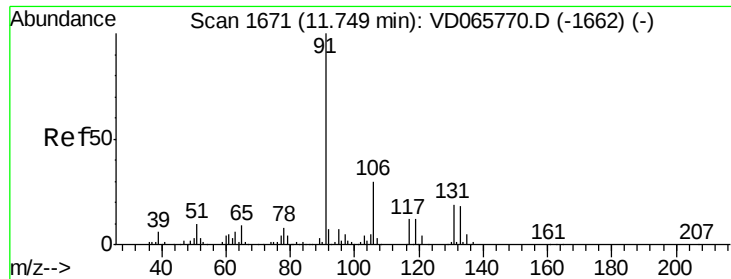
Tot Ion:112 Resp: 279551
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.902 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion:131 Resp: 107121
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.9
119 64.6 31.6 94.8





#67

Ethyl Benzene

Concen: 50.912 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampled :

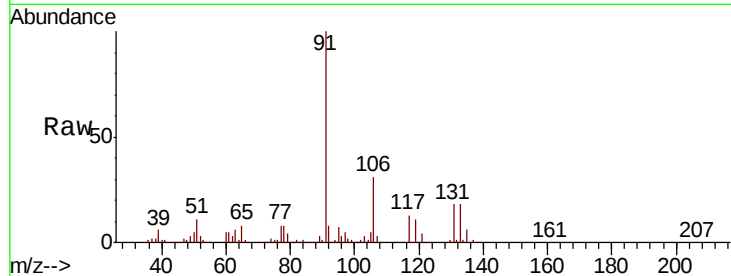
BFB

Tot Ion: 91 Resp: 523776

Ion Ratio Lower Upper

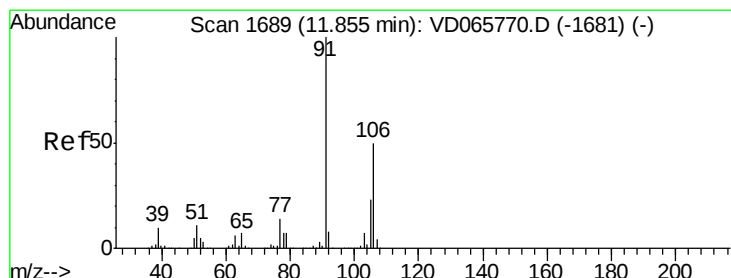
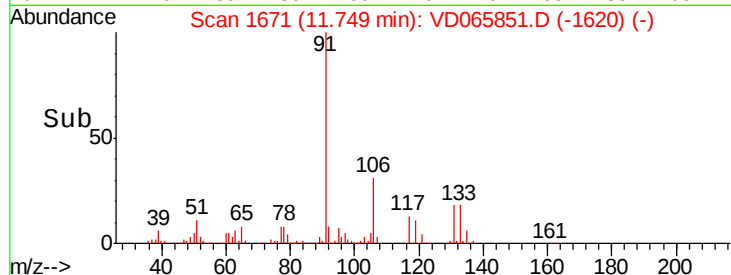
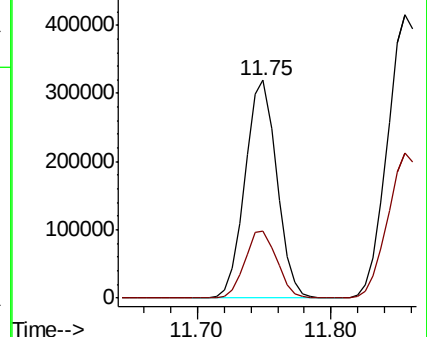
91 100

106 31.1 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 101.395 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065851.D

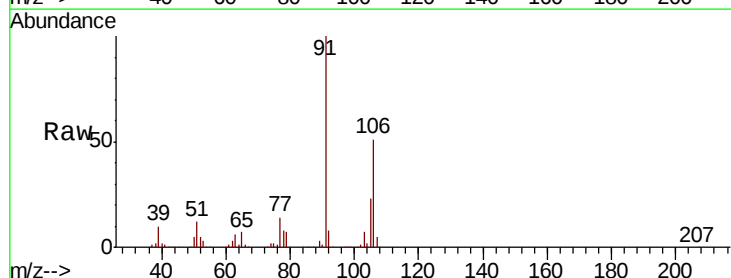
Acq: 23 Jun 2020 10:45

Tgt Ion: 106 Resp: 401800

Ion Ratio Lower Upper

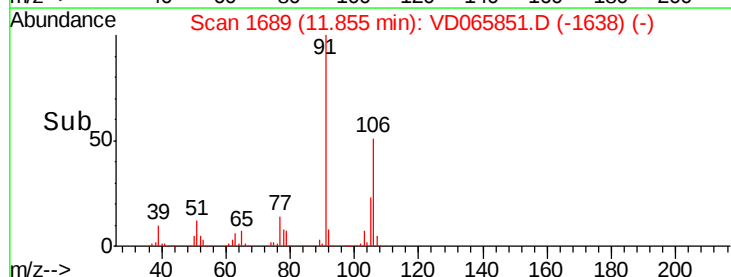
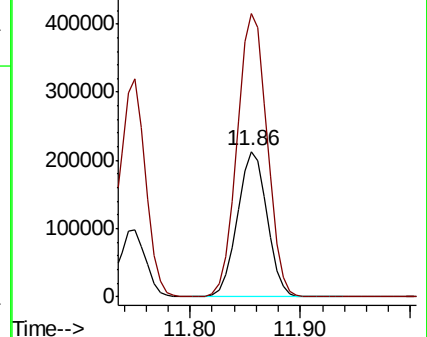
106 100

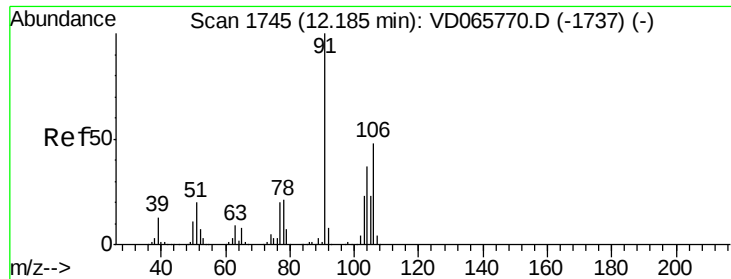
91 197.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

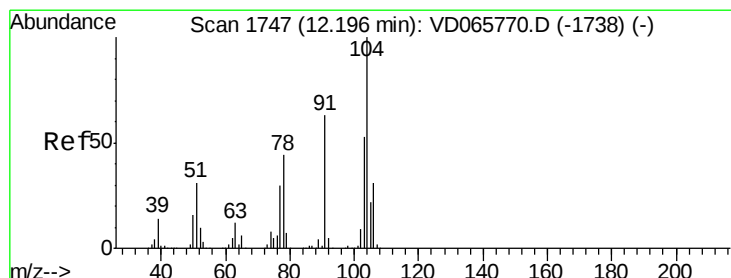
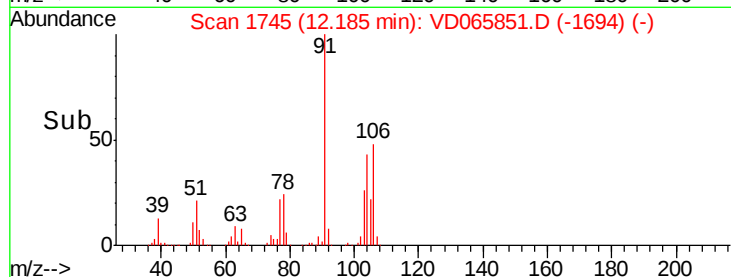
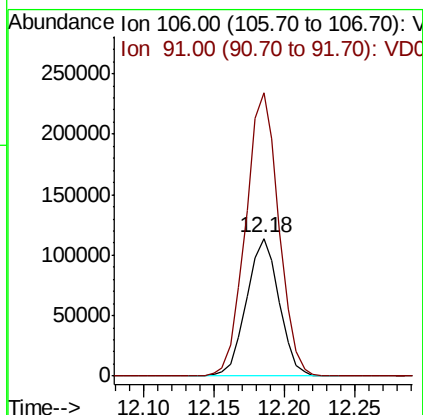
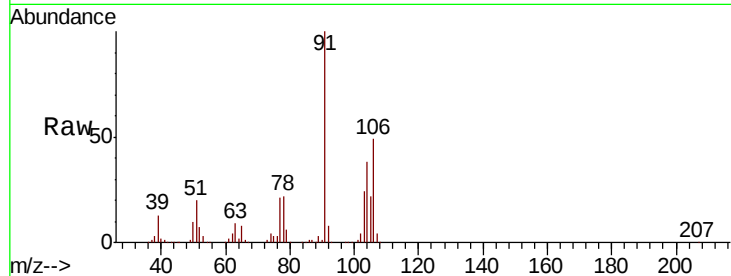




#69
o-Xylene
Concen: 51.605 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

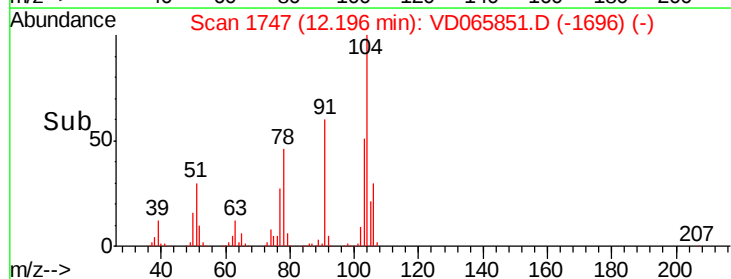
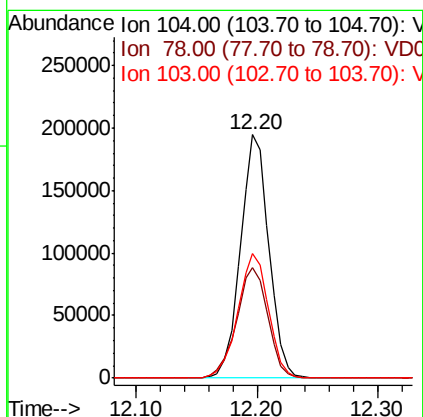
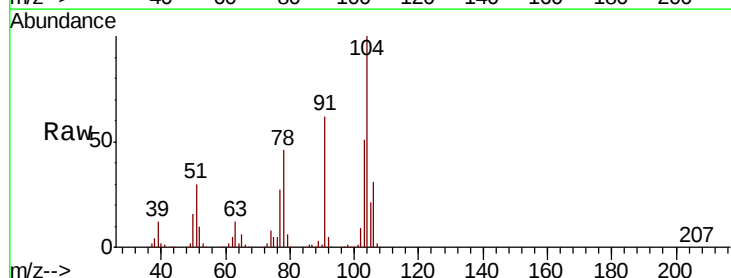
Instrument :
MSVOA_D
ClientSampleId :
BFB

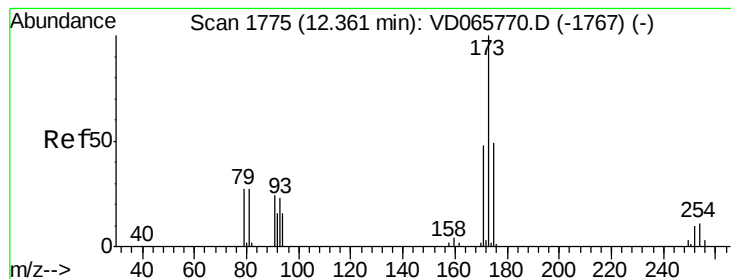
Tot Ion:106 Resp: 184380
Ion Ratio Lower Upper
106 100
91 209.2 105.3 315.8



#70
Styrene
Concen: 51.524 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion:104 Resp: 318687
Ion Ratio Lower Upper
104 100
78 49.9 38.6 58.0
103 55.1 43.9 65.9





#71

Bromoform

Concen: 47.384 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

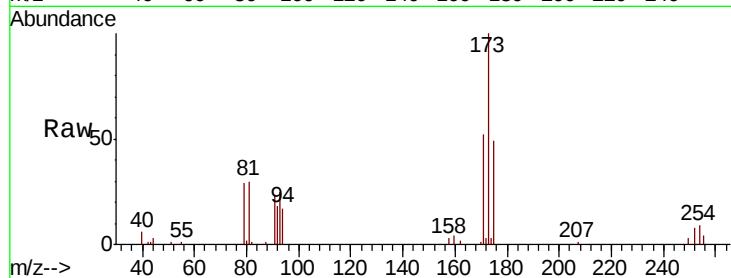
Tot Ion:173 Resp: 56013

Ion Ratio Lower Upper

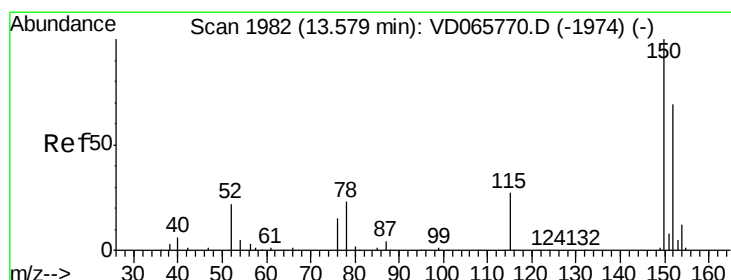
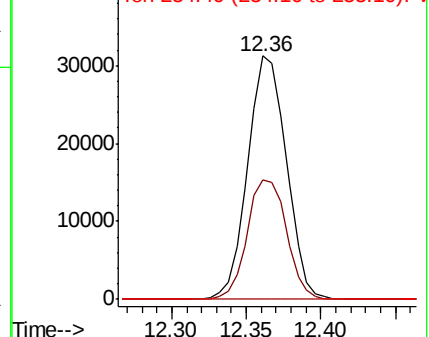
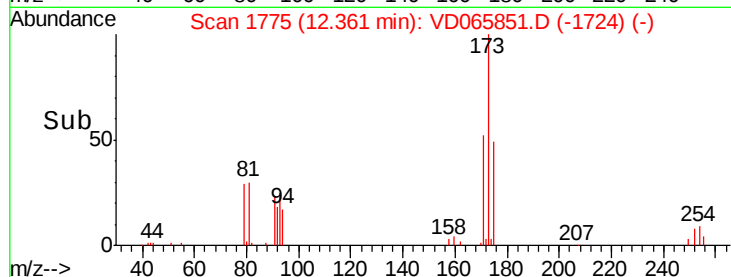
173 100

175 49.7 24.8 74.4

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# 1983

Delta R.T. 0.01 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

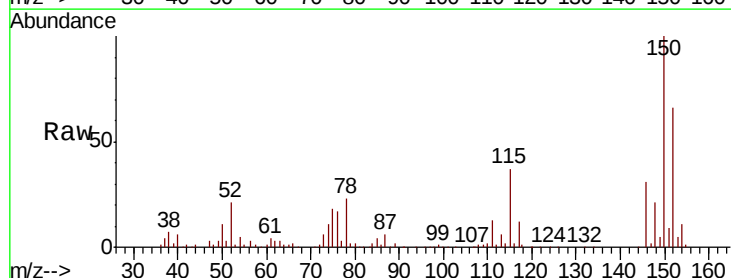
Tgt Ion:152 Resp: 151439

Ion Ratio Lower Upper

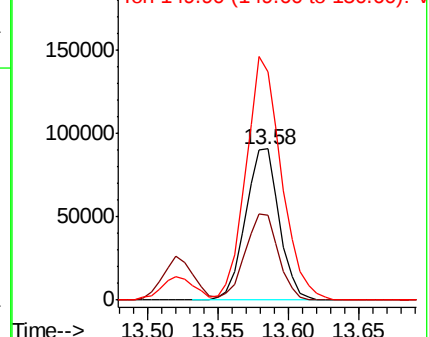
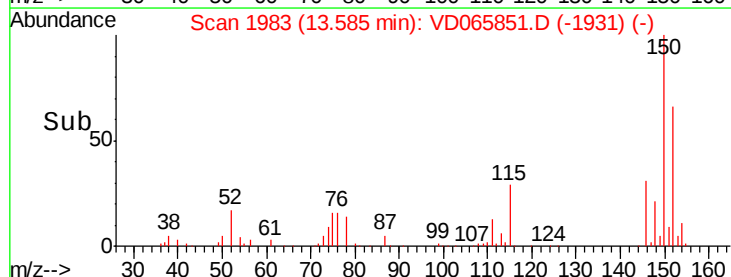
152 100

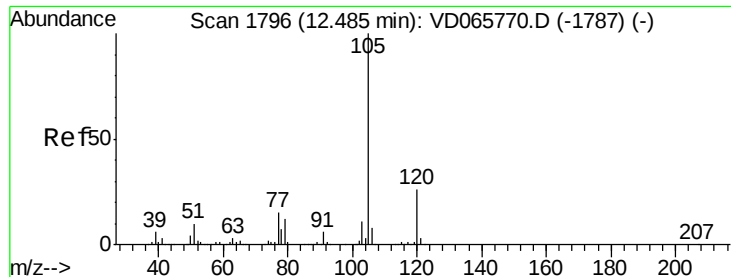
115 56.3 28.7 86.1

150 169.6 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.268 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

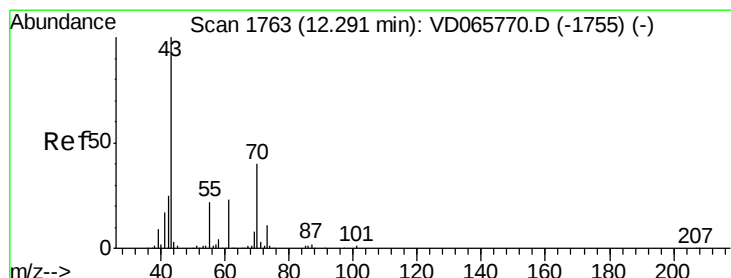
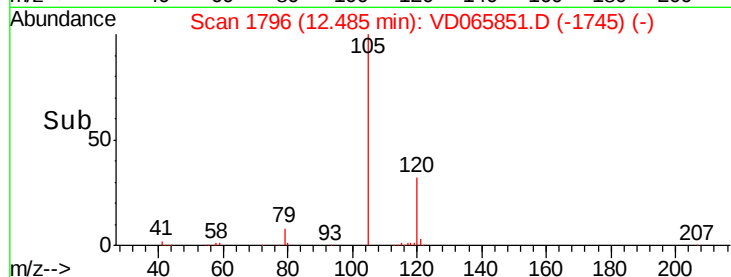
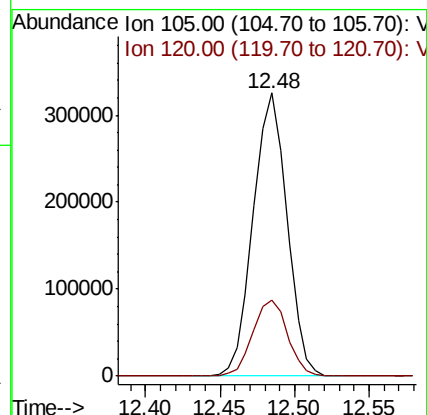
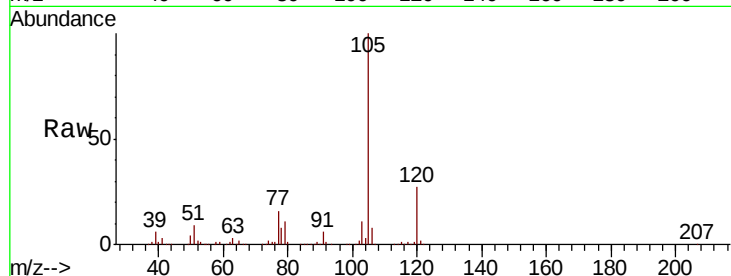
BFB

Tot Ion:105 Resp: 510398

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 45.849 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Tgt Ion: 43 Resp: 103569

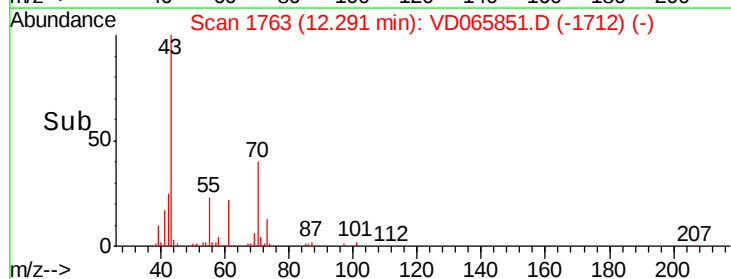
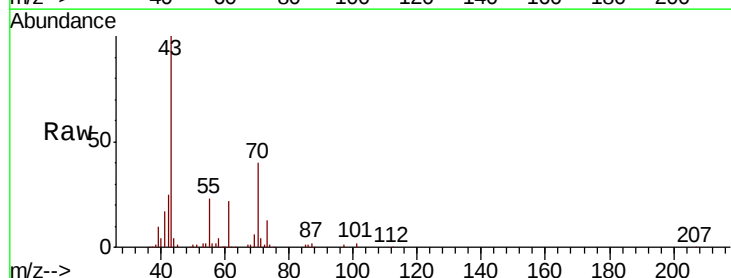
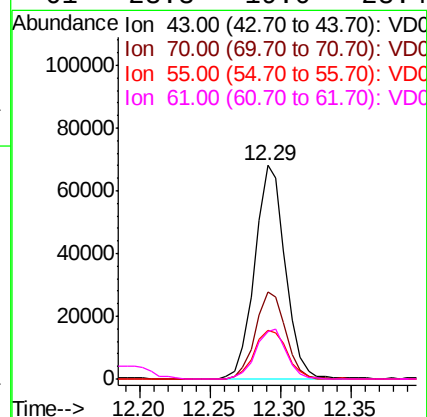
Ion Ratio Lower Upper

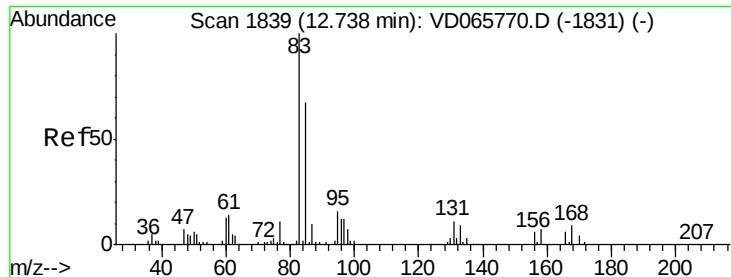
43 100

70 40.4 32.3 48.5

55 24.6 19.0 28.4

61 23.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.755 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

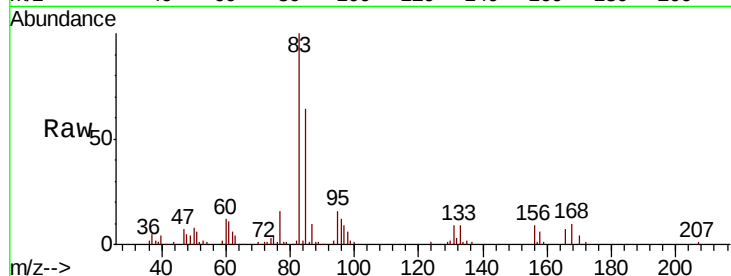
Tot Ion: 83 Resp: 80173

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

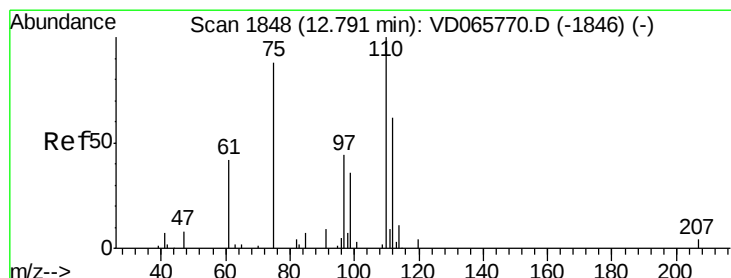
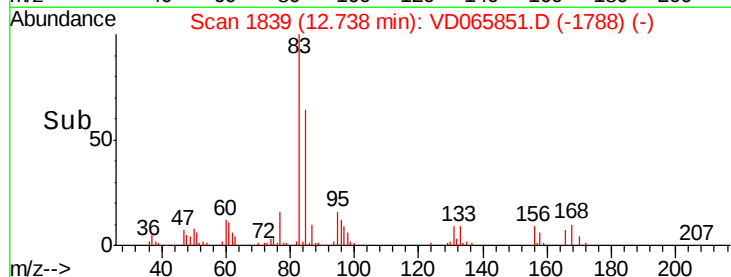
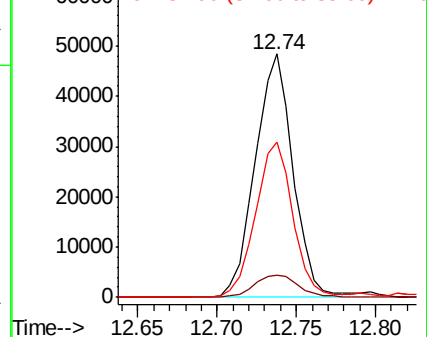
85 63.3 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 88.210 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065851.D

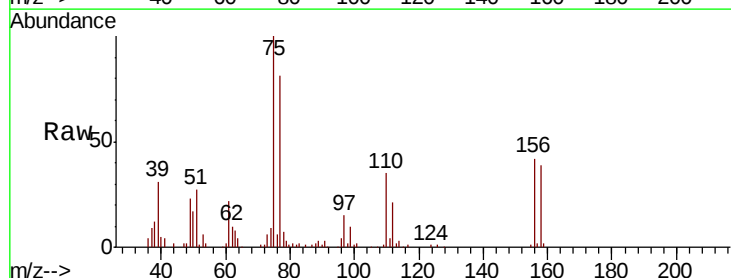
Acq: 23 Jun 2020 10:45

Tgt Ion: 75 Resp: 103891

Ion Ratio Lower Upper

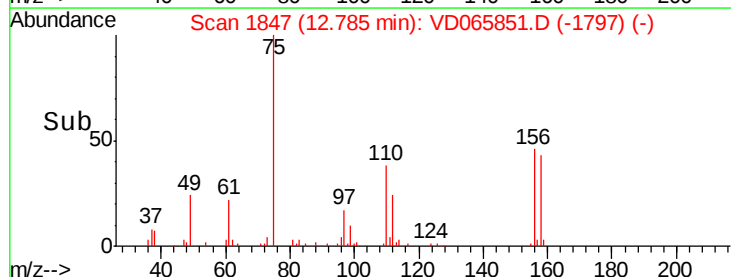
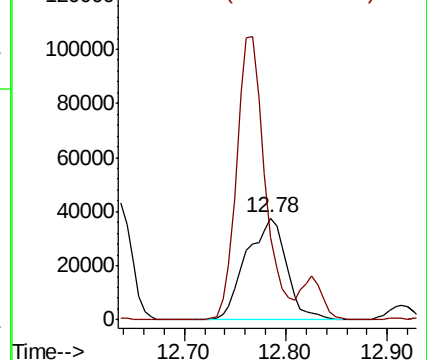
75 100

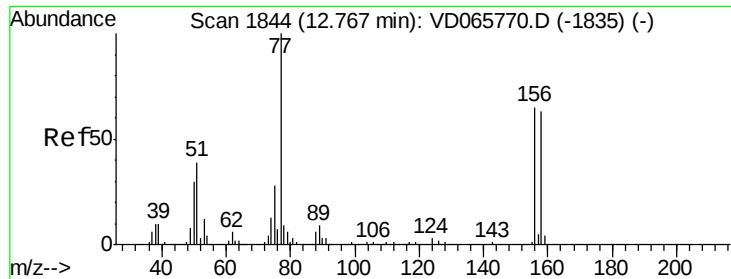
77 196.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 48.717 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

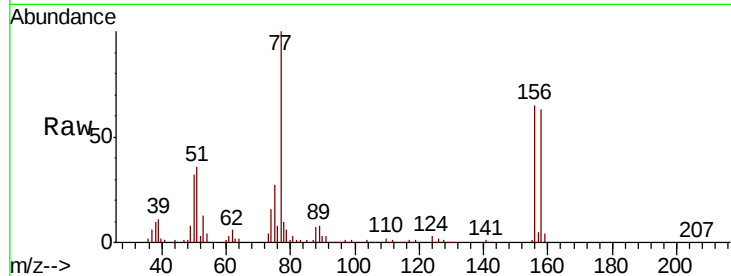
Tot Ion:156 Resp: 117034

Ion Ratio Lower Upper

156 100

77 174.6 87.3 261.8

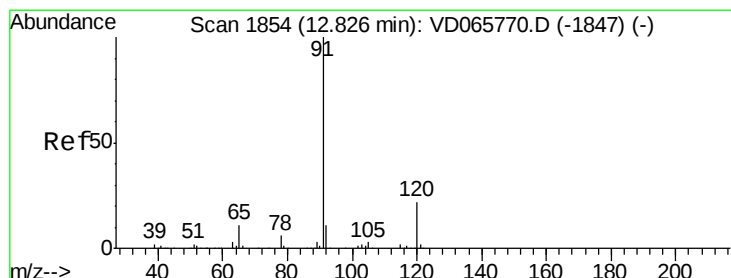
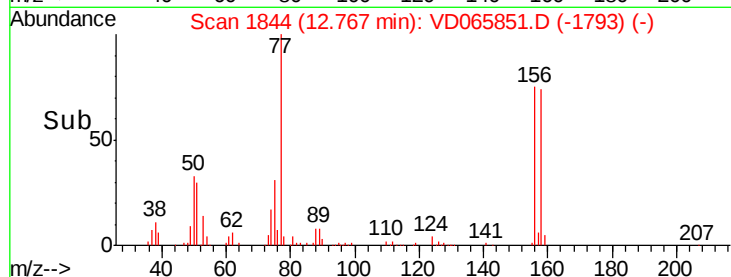
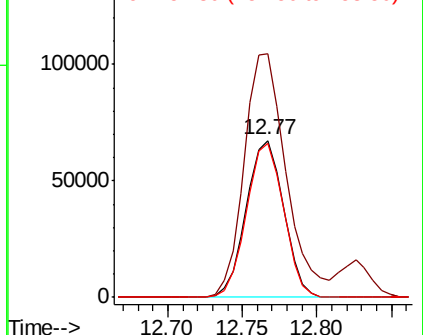
158 97.3 48.0 144.0



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: 50.055 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065851.D

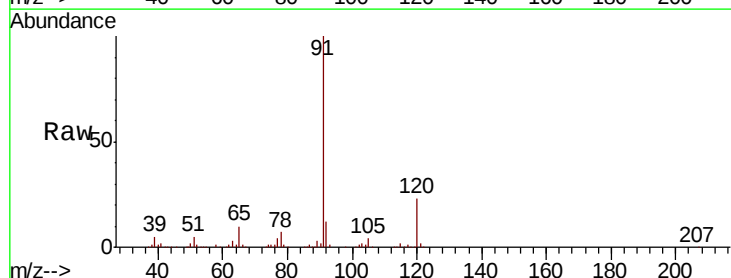
Acq: 23 Jun 2020 10:45

Tgt Ion: 91 Resp: 611769

Ion Ratio Lower Upper

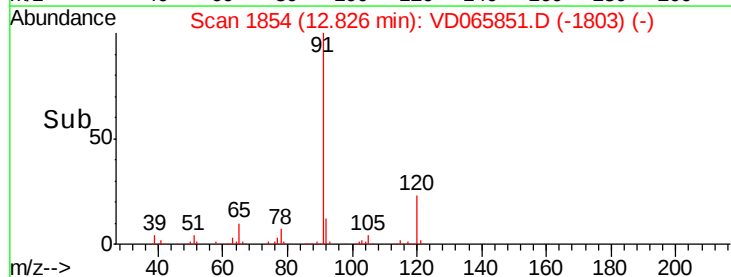
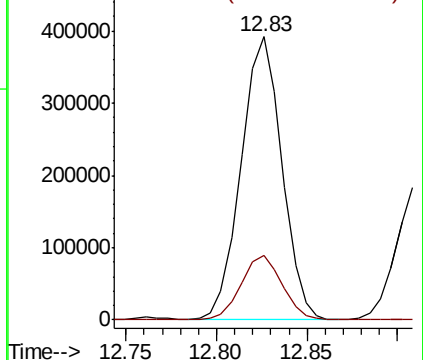
91 100

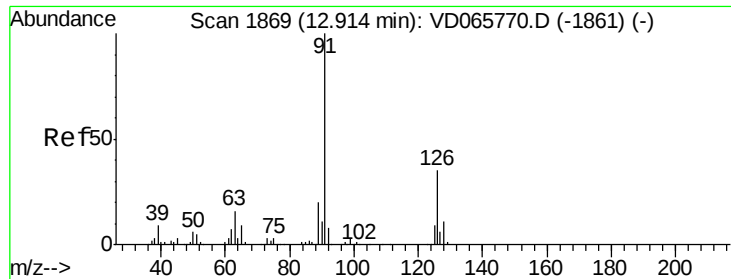
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.534 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

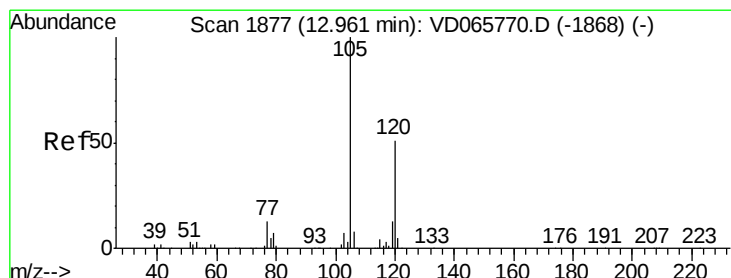
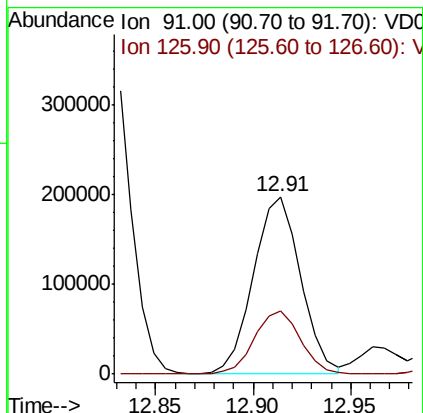
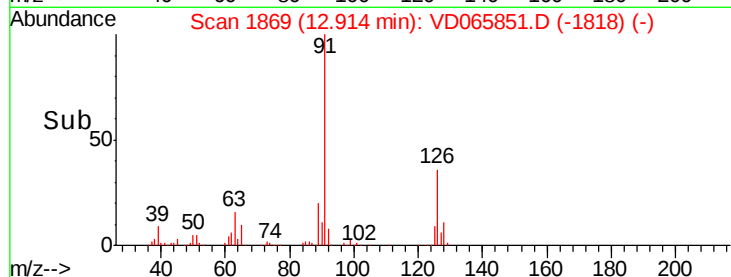
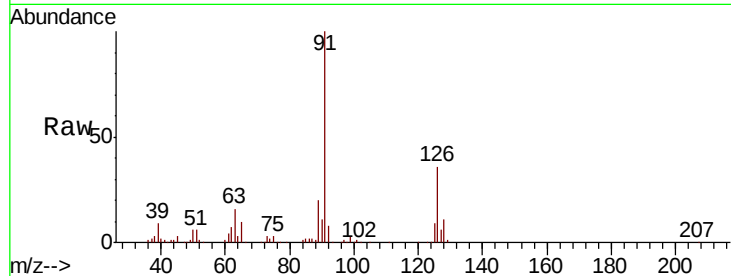
BFB

Tot Ion: 91 Resp: 332114

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 50.529 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD065851.D

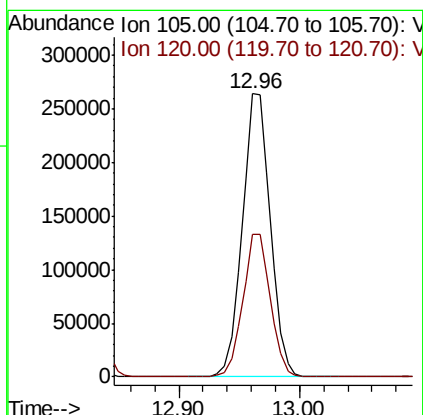
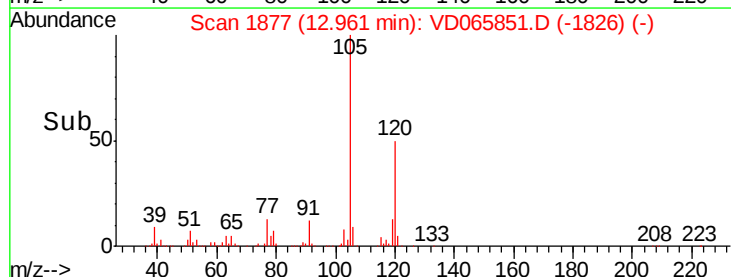
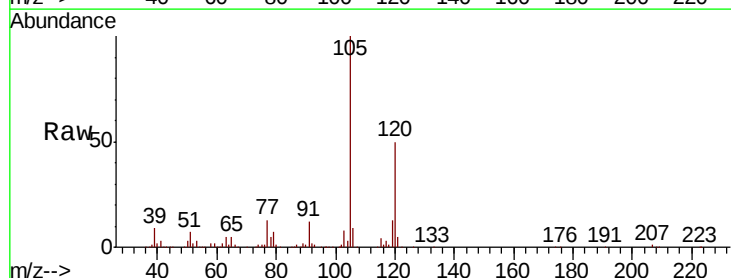
Acq: 23 Jun 2020 10:45

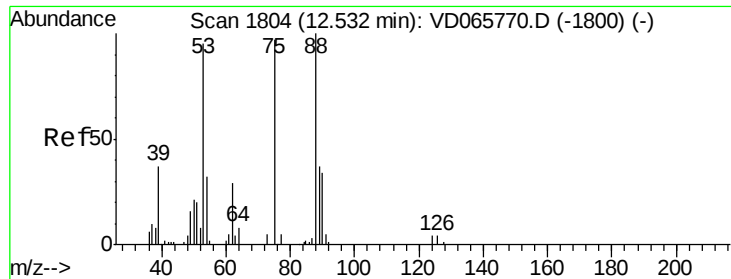
Tgt Ion:105 Resp: 426938

Ion Ratio Lower Upper

105 100

120 49.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.198 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampled :

BFB

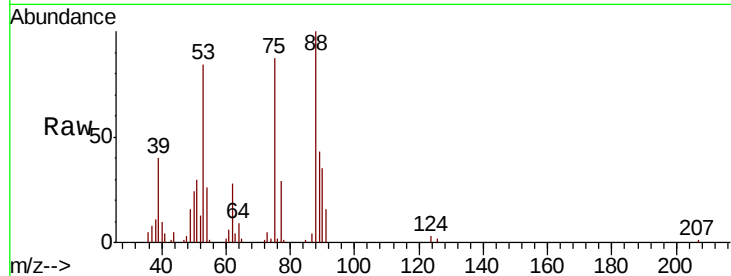
Tot Ion: 75 Resp: 25728

Ion Ratio Lower Upper

75 100

53 98.1 82.6 123.8

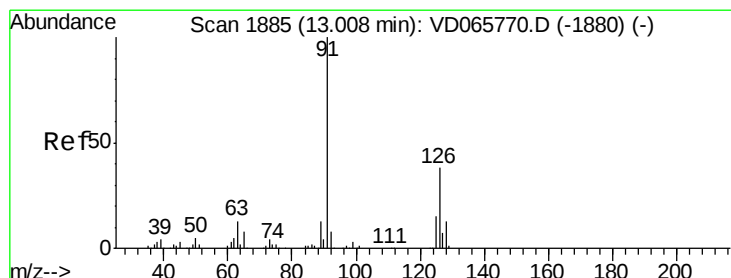
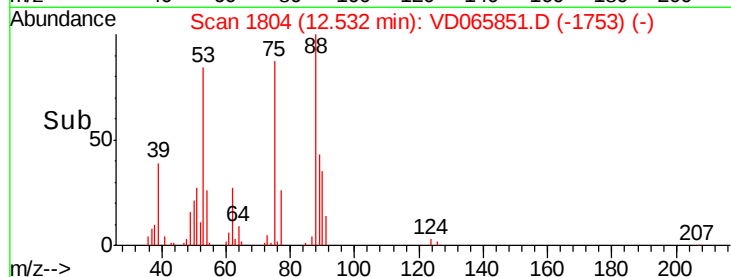
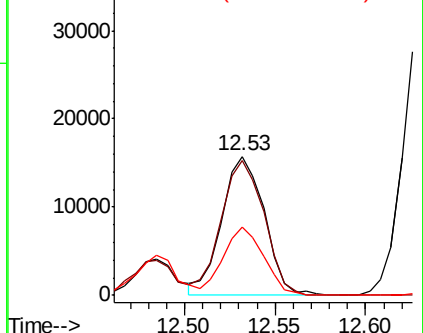
89 46.5 35.9 53.9



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: 49.403 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065851.D

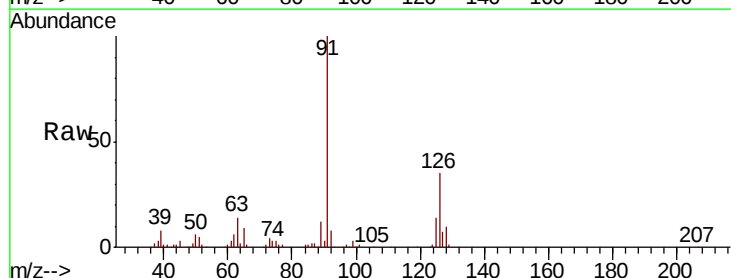
Acq: 23 Jun 2020 10:45

Tgt Ion: 91 Resp: 355538

Ion Ratio Lower Upper

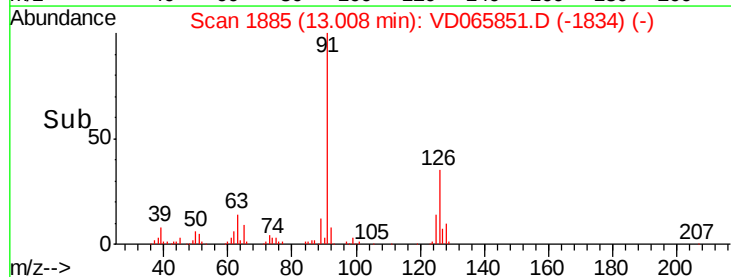
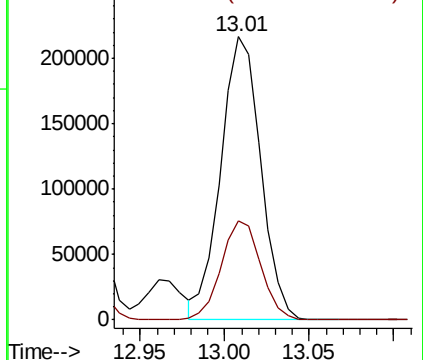
91 100

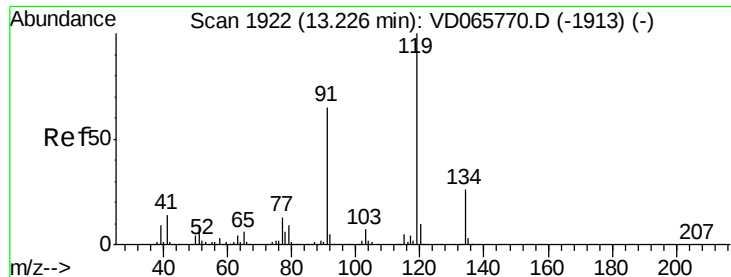
126 34.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

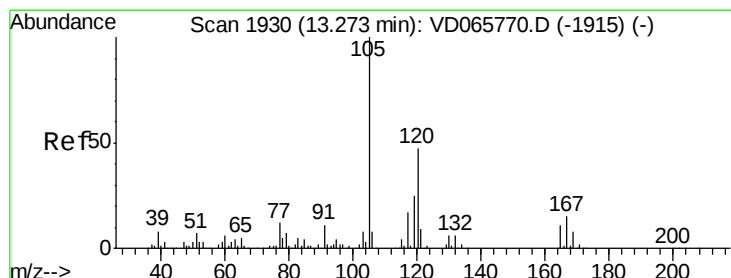
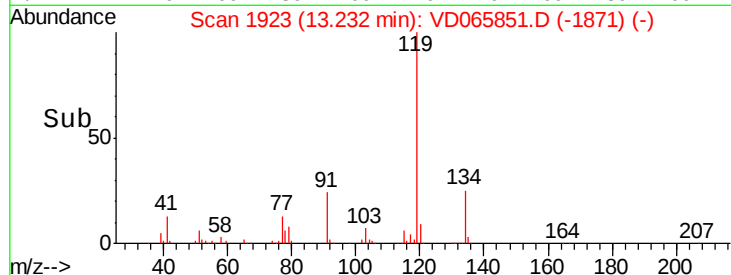
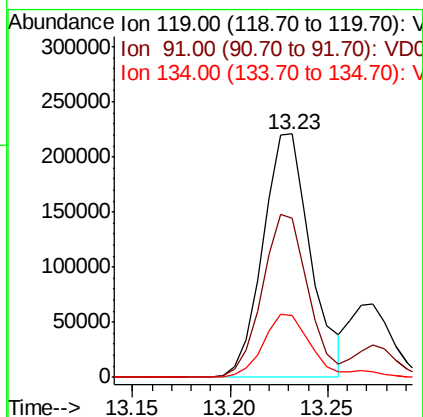
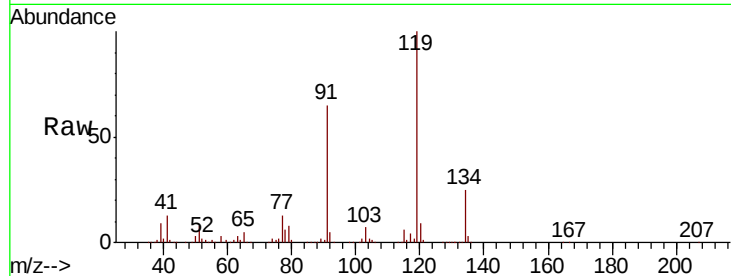




#83
tert-Butylbenzene
Concen: 51.016 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

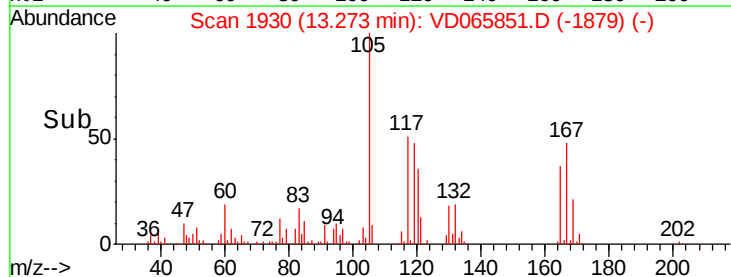
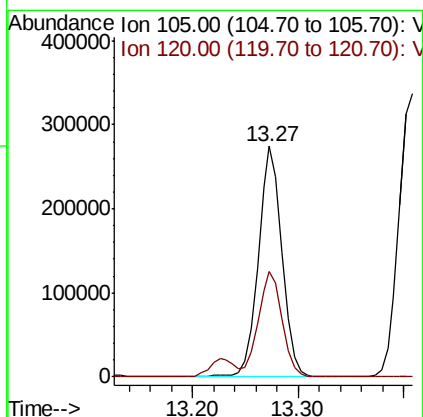
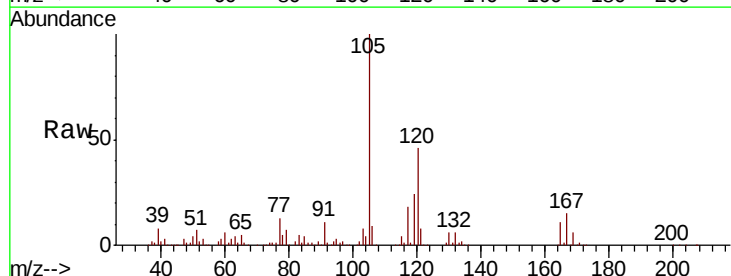
Instrument :
MSVOA_D
ClientSampled :
BFB

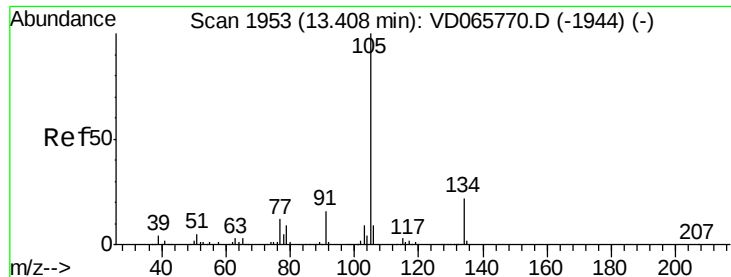
Tot Ion:119 Resp: 374018
Ion Ratio Lower Upper
119 100
91 64.0 32.0 96.0
134 27.2 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 50.340 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion:105 Resp: 425735
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 51.728 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

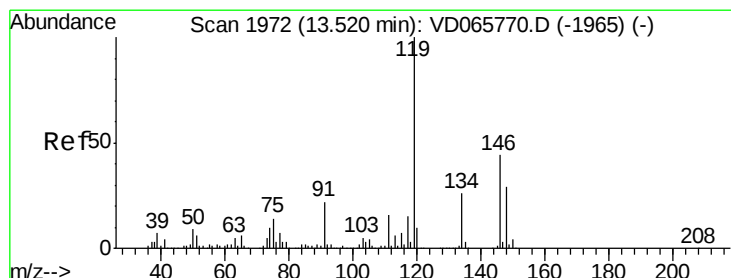
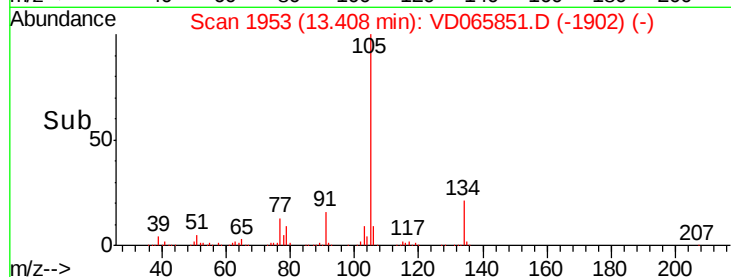
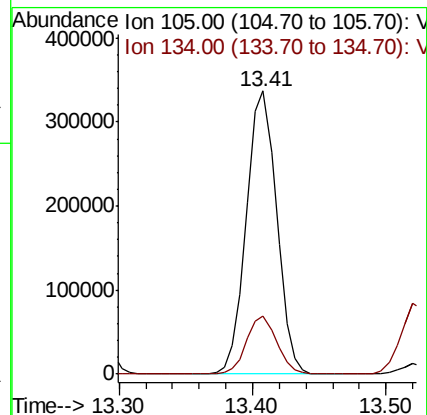
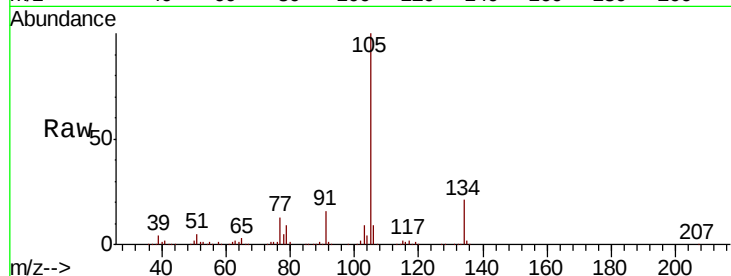
BFB

Tot Ion:105 Resp: 527778

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.4



#86

p-Isopropyltoluene

Concen: 51.780 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

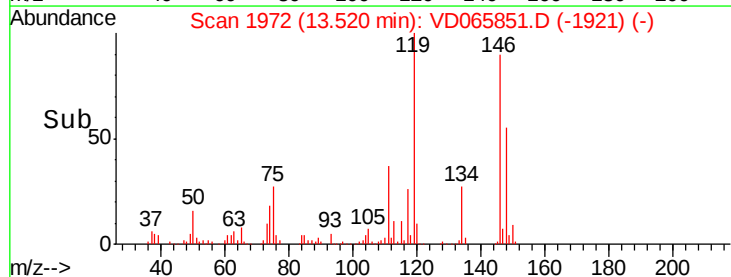
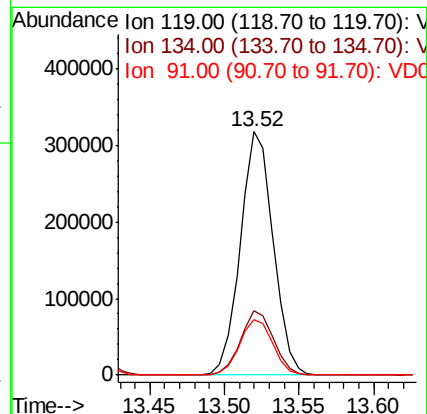
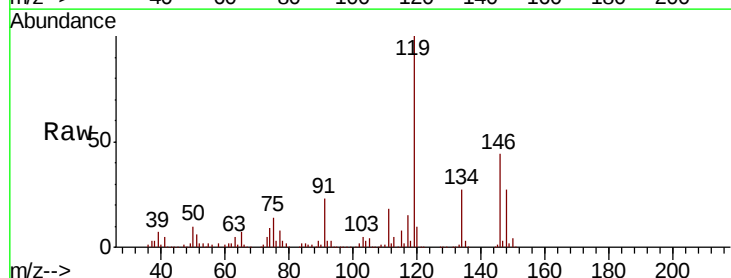
Tgt Ion:119 Resp: 484222

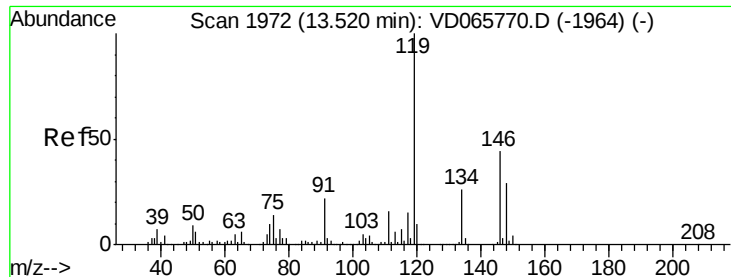
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 23.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.042 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

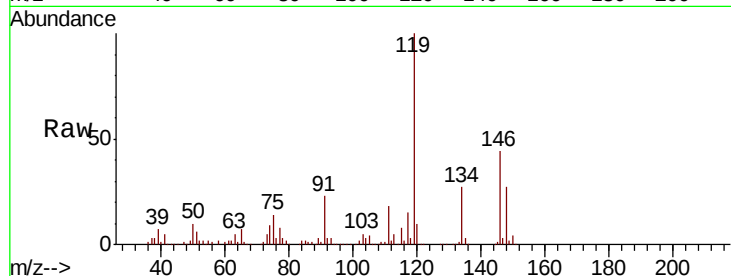
Tot Ion:146 Resp: 232298

Ion Ratio Lower Upper

146 100

111 39.0 19.2 57.6

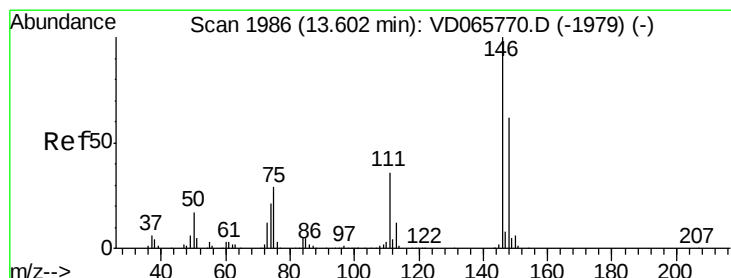
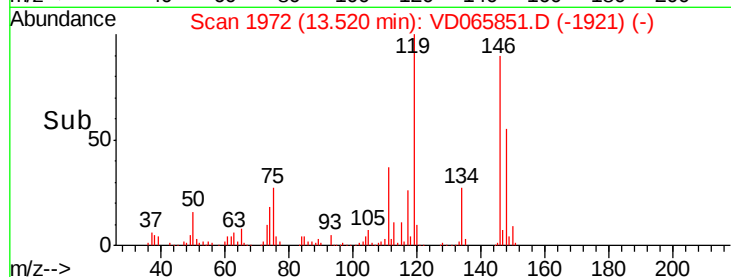
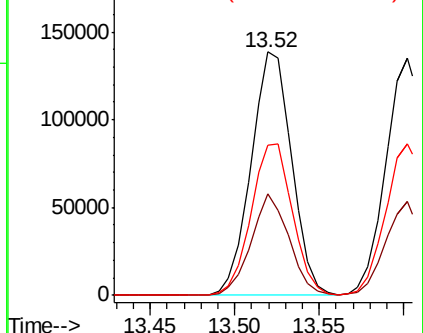
148 63.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.944 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

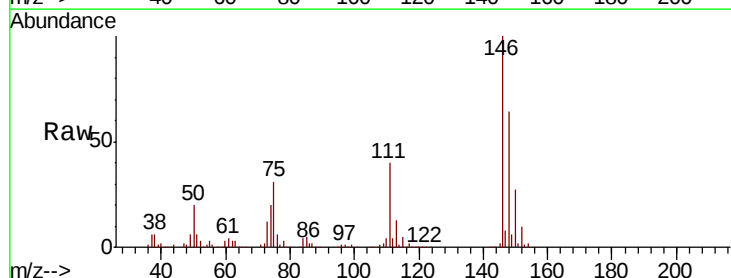
Tgt Ion:146 Resp: 225905

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

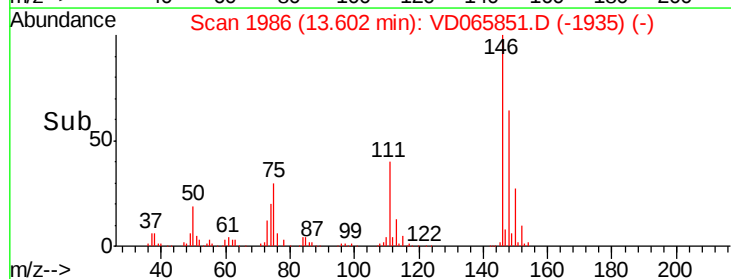
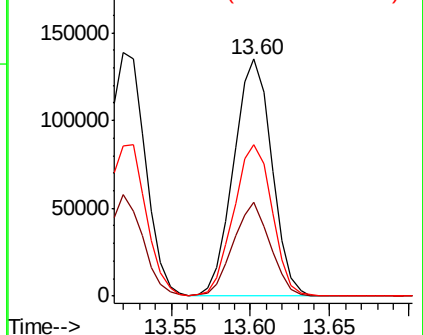
148 64.4 31.6 94.7

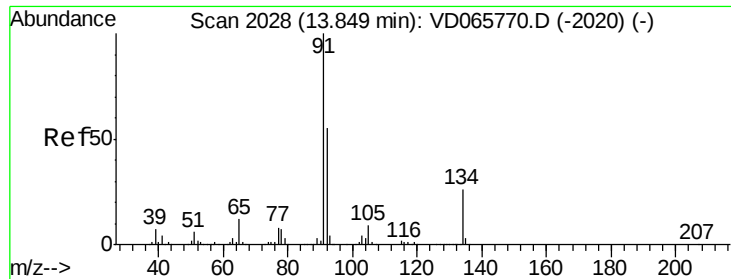


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

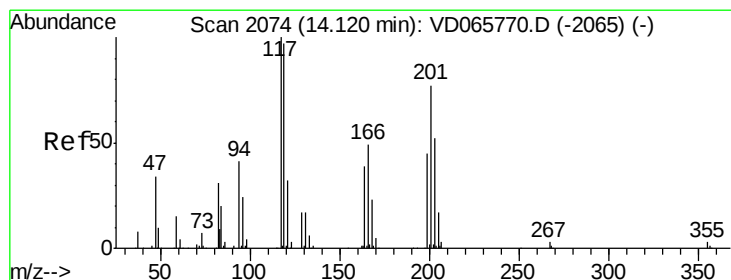
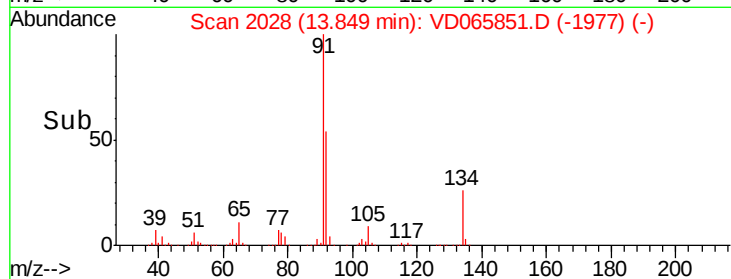
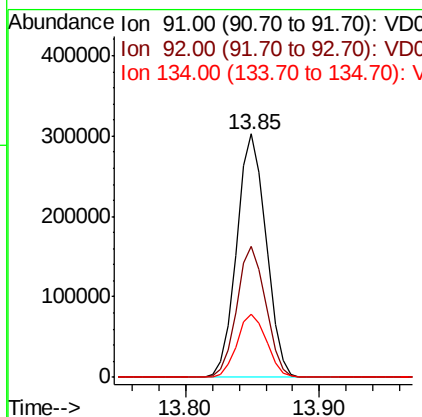
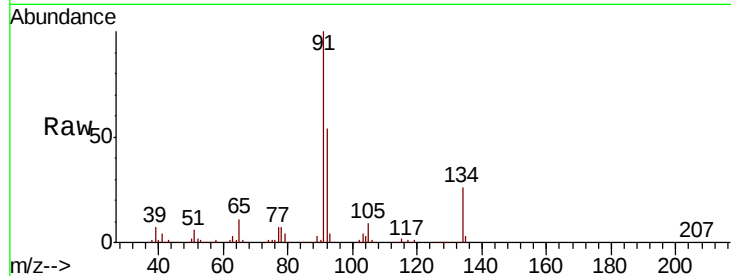




#89
n-Butylbenzene
Concen: 51.718 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

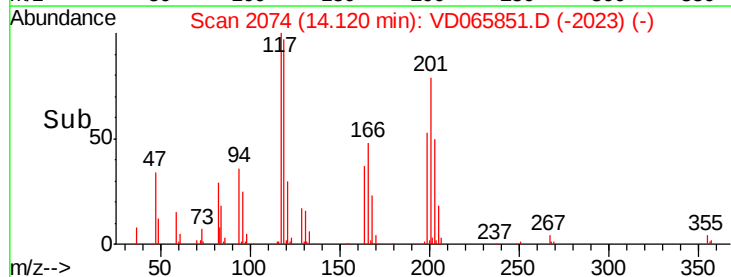
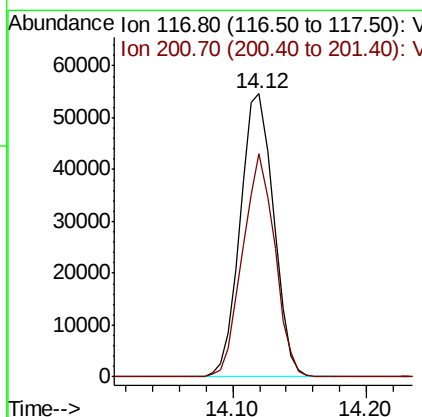
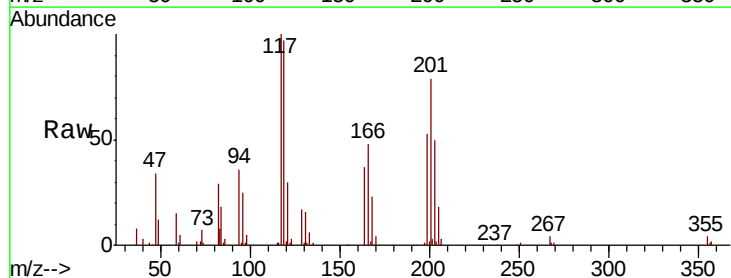
Instrument :
MSVOA_D
ClientSampleId :
BFB

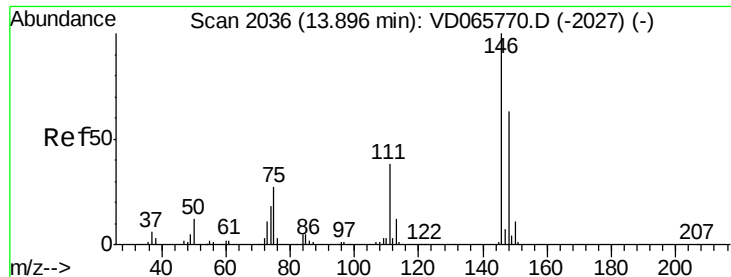
Tot Ion: 91 Resp: 461267
Ion Ratio Lower Upper
91 100
92 53.1 27.0 81.0
134 26.3 13.0 39.0



#90
Hexachloroethane
Concen: 50.645 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065851.D
Acq: 23 Jun 2020 10:45

Tgt Ion: 117 Resp: 94800
Ion Ratio Lower Upper
117 100
201 75.6 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 48.562 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

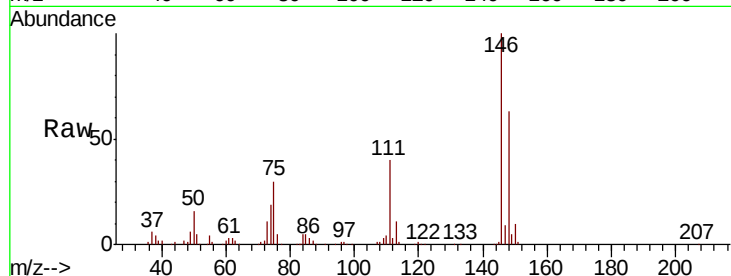
Tot Ion:146 Resp: 197963

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

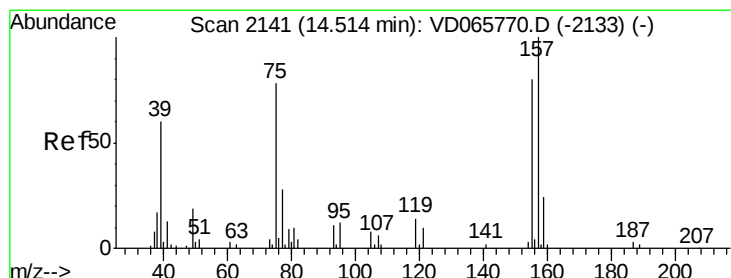
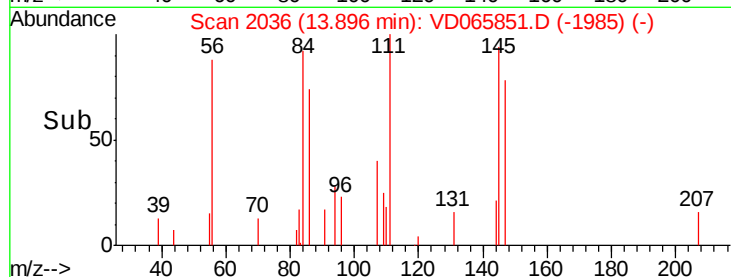
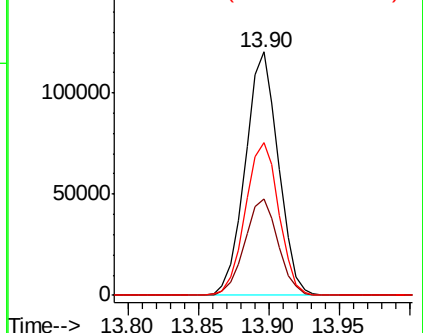
148 63.4 31.9 95.7



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: 43.129 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

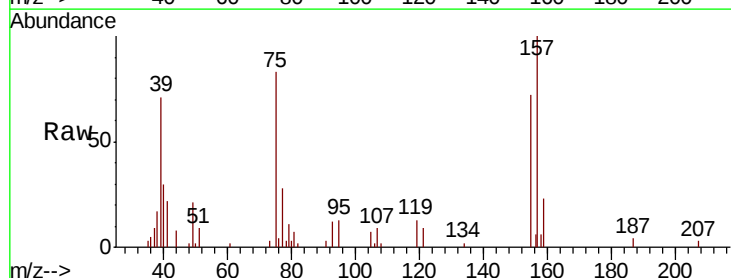
Tgt Ion: 75 Resp: 12308

Ion Ratio Lower Upper

75 100

155 89.4 46.3 138.9

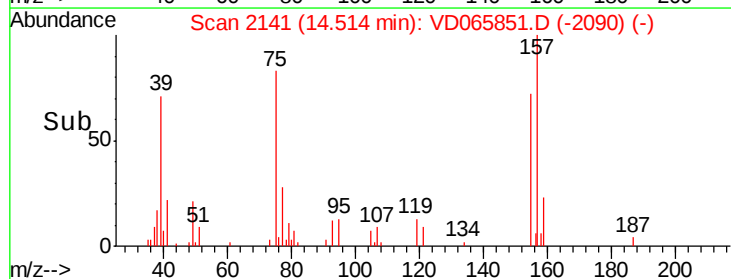
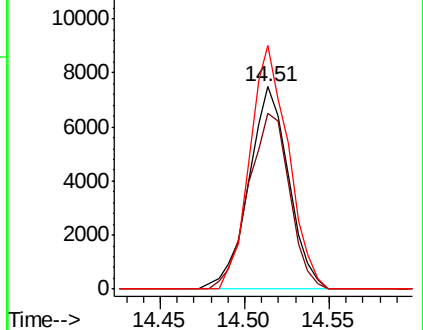
157 116.3 58.1 174.3

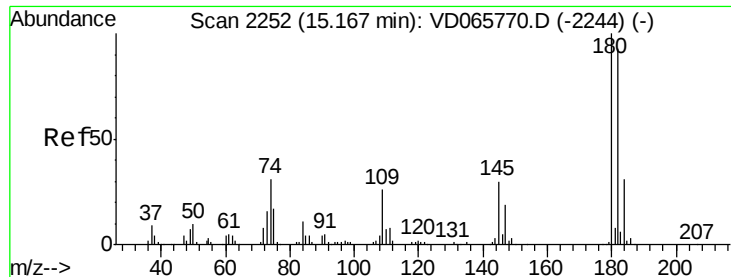


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

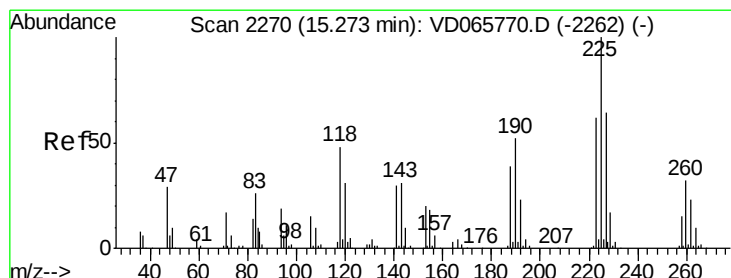
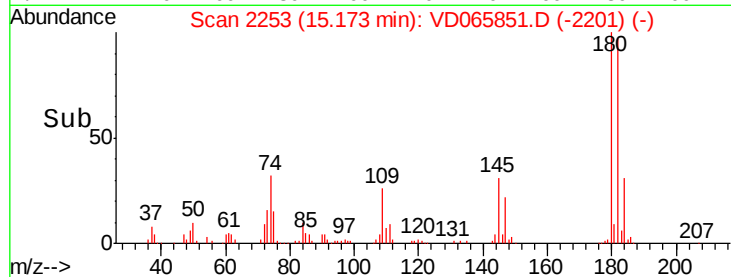
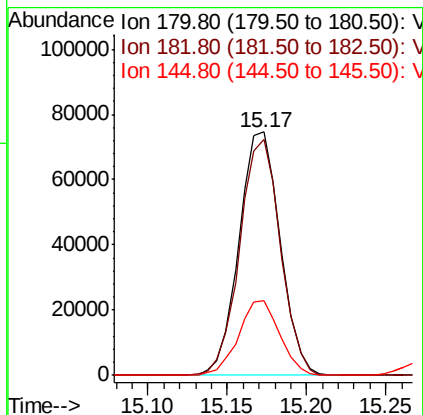
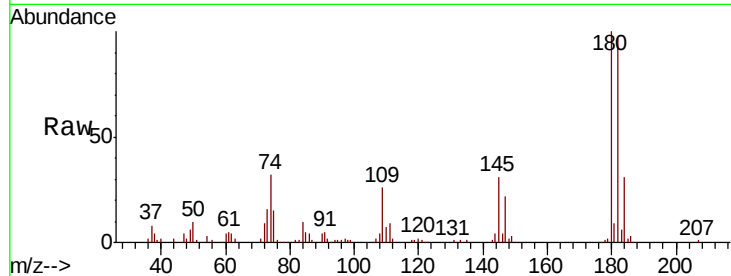




#93
 1,2,4-Trichlorobenzene
 Concen: 48.541 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

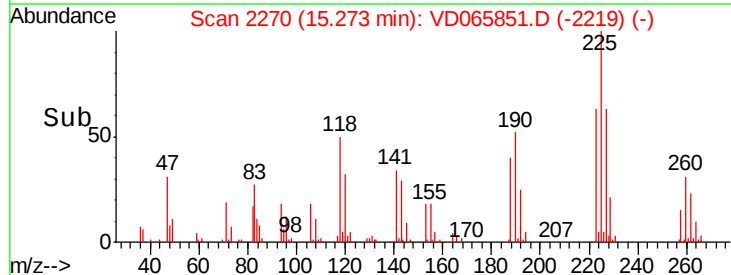
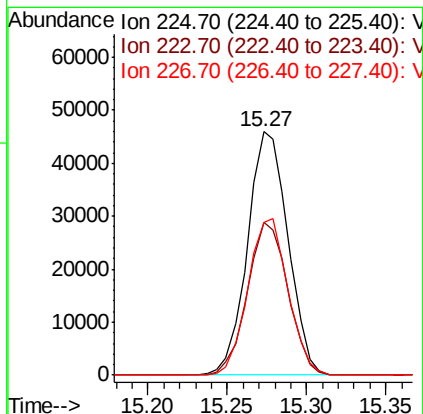
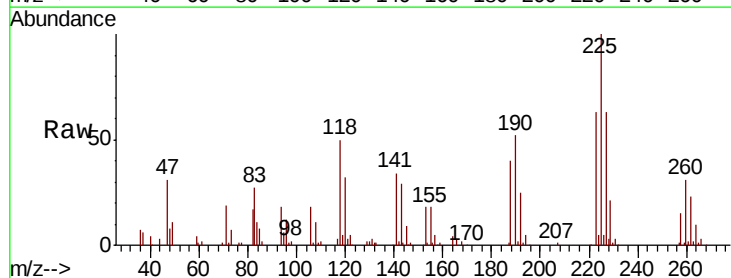
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

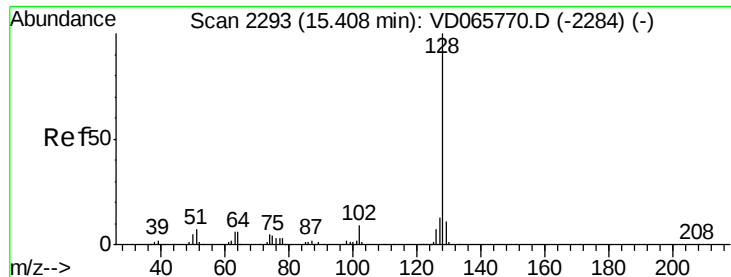
Tot Ion:180 Resp: 134542
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.0 144.2
 145 30.5 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 48.707 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065851.D
 Acq: 23 Jun 2020 10:45

Tgt Ion:225 Resp: 81610
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.9 92.7
 227 63.6 31.9 95.7





#95

Naphthalene

Concen: 46.679 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

Instrument :

MSVOA_D

ClientSampleId :

BFB

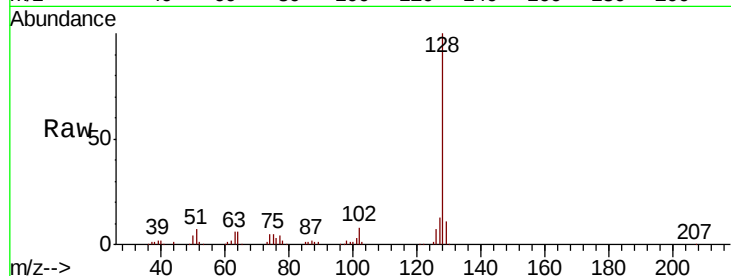
Tot Ion:128 Resp: 219157

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

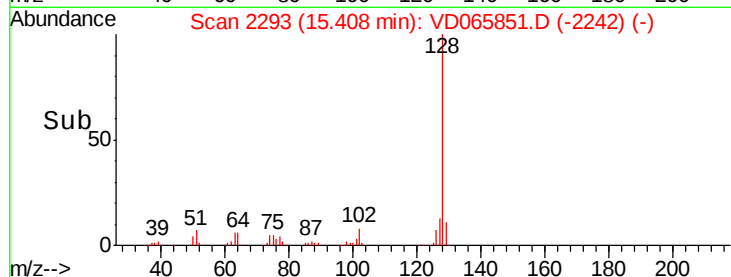
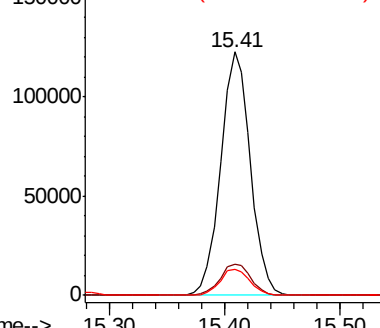
129 11.0 8.6 12.8



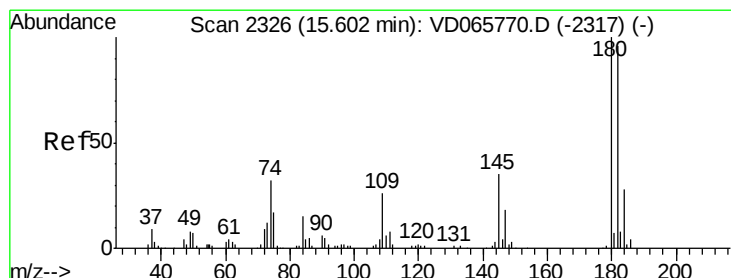
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 47.920 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD065851.D

Acq: 23 Jun 2020 10:45

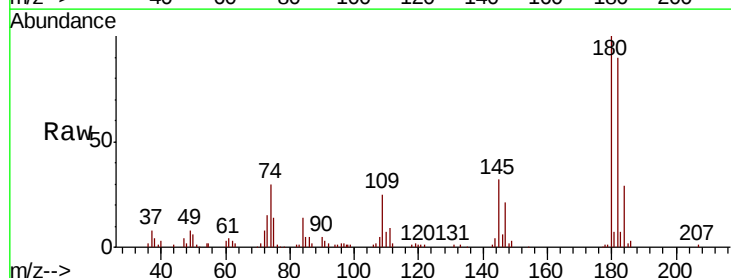
Tgt Ion:180 Resp: 114394

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

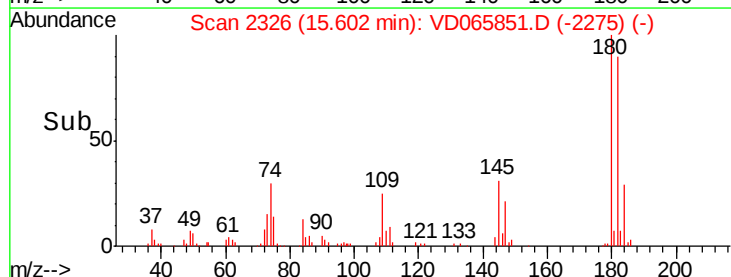
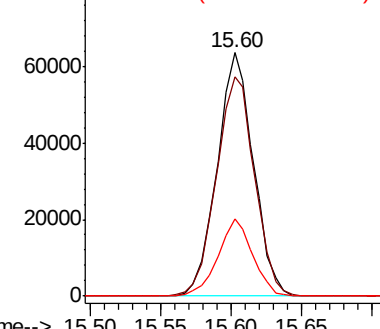
145 30.4 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->