

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062620\
 Data File : VD065879.D
 Acq On : 26 Jun 2020 13:35
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Jun 27 06:53:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	181888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	298347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	266944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	86340	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	7.91	113	85482	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	10.34	98	320742	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.63	95	105217	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	84743	48.725	ug/l	93
3) Chloromethane	2.21	50	125709	52.008	ug/l	99
4) Vinyl Chloride	2.35	62	127908	47.705	ug/l	98
5) Bromomethane	2.77	94	85245	48.609	ug/l	99
6) Chloroethane	2.93	64	81245	48.051	ug/l	99
7) Trichlorofluoromethane	3.27	101	180851	53.508	ug/l	97
8) Diethyl Ether	3.71	74	45034	50.682	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	98911	51.932	ug/l	97
10) Methyl Iodide	4.30	142	95338	48.110	ug/l	98
11) Tert butyl alcohol	5.21	59	24542	260.052	ug/l	94
12) 1,1-Dichloroethene	4.07	96	93608	52.728	ug/l	89
13) Acrolein	3.92	56	29959	218.152	ug/l	100
14) Allyl chloride	4.71	41	151456	54.084	ug/l	97
15) Acrylonitrile	5.42	53	91567	242.420	ug/l	98
16) Acetone	4.15	43	105016	283.651	ug/l #	90
17) Carbon Disulfide	4.40	76	305685	50.966	ug/l	99
18) Methyl Acetate	4.71	43	38225	46.563	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	198835	51.076	ug/l	100
20) Methylene Chloride	4.96	84	103795	54.201	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	104559	51.434	ug/l	94
22) Diisopropyl ether	6.36	45	306216	52.430	ug/l	99
23) Vinyl Acetate	6.30	43	874516	259.070	ug/l	99
24) 1,1-Dichloroethane	6.27	63	182270	52.312	ug/l	98
25) 2-Butanone	7.21	43	122723	248.389	ug/l	97
26) 2,2-Dichloropropane	7.20	77	171330	53.582	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	112556	50.040	ug/l	98
28) Bromochloromethane	7.54	49	64502	49.262	ug/l	99
29) Tetrahydrofuran	7.56	42	76203	242.803	ug/l	98
30) Chloroform	7.71	83	187900	50.367	ug/l	98
31) Cyclohexane	7.98	56	170955	50.504	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	180141	52.622	ug/l	99
36) 1,1-Dichloropropene	8.11	75	149392	51.351	ug/l	97
37) Ethyl Acetate	7.29	43	55487	49.880	ug/l #	96
38) Carbon Tetrachloride	8.10	117	163398	52.012	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	185271	53.598	ug/l	97
40) Benzene	8.35	78	404735	50.145	ug/l	95
41) Methacrylonitrile	7.52	41	29985	49.131	ug/l #	53
42) 1,2-Dichloroethane	8.43	62	119972	50.386	ug/l	98
43) Isopropyl Acetate	8.45	43	107256	49.759	ug/l	98
44) Trichloroethene	9.11	130	109860	50.244	ug/l	98
45) 1,2-Dichloropropane	9.38	63	94441	48.846	ug/l	95
46) Dibromomethane	9.48	93	51283	47.850	ug/l	99
47) Bromodichloromethane	9.66	83	145860	51.217	ug/l	96
48) Methyl methacrylate	9.46	41	54518	51.599	ug/l	91
49) 1,4-Dioxane	9.46	88	10585	965.498	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	265911	239.323	ug/l	99
52) Toluene	10.40	92	265877	50.667	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	135774	49.945	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	160566	50.302	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	69775	49.127	ug/l	90
56) Ethyl methacrylate	10.66	69	84874	48.126	ug/l	96
57) 1,3-Dichloropropane	10.95	76	122728	49.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	190634	246.611	ug/l	99
59) 2-Hexanone	10.98	43	196594	252.424	ug/l	97
60) Dibromochloromethane	11.14	129	94729	48.830	ug/l	98
61) 1,2-Dibromoethane	11.24	107	67418	48.499	ug/l	100
64) Tetrachloroethene	10.88	164	89460	51.321	ug/l	96
65) Chlorobenzene	11.67	112	268181	50.648	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	97665	49.513	ug/l	99
67) Ethyl Benzene	11.75	91	507750	51.631	ug/l	100
68) m/p-Xylenes	11.86	106	394927	105.476	ug/l	97
69) o-Xylene	12.18	106	178674	53.103	ug/l	96
70) Styrene	12.20	104	309981	52.688	ug/l	98
71) Bromoform	12.36	173	49913	47.648	ug/l #	98
73) Isopropylbenzene	12.48	105	494394	53.227	ug/l	100
74) N-amyl acetate	12.29	43	100332	48.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	72802	47.616	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	100475	88.542	ug/l #	1
77) Bromobenzene	12.76	156	103683	49.649	ug/l	97
78) n-propylbenzene	12.83	91	593779	53.062	ug/l	100
79) 2-Chlorotoluene	12.91	91	319873	51.897	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	410741	52.898	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	25331	47.957	ug/l	97
82) 4-Chlorotoluene	13.01	91	345088	52.392	ug/l	97
83) tert-Butylbenzene	13.23	119	348634	53.353	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	412178	53.887	ug/l	98
85) sec-Butylbenzene	13.41	105	497867	53.464	ug/l	99
86) p-Isopropyltoluene	13.52	119	471864	55.787	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	216247	53.298	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	203525	49.859	ug/l	99
89) n-Butylbenzene	13.85	91	449634	54.516	ug/l	99
90) Hexachloroethane	14.11	117	90090	52.193	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	174750	49.163	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11523	48.654	ug/l	90

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QLast Update : Fri Jun 26 19:16:07 2020
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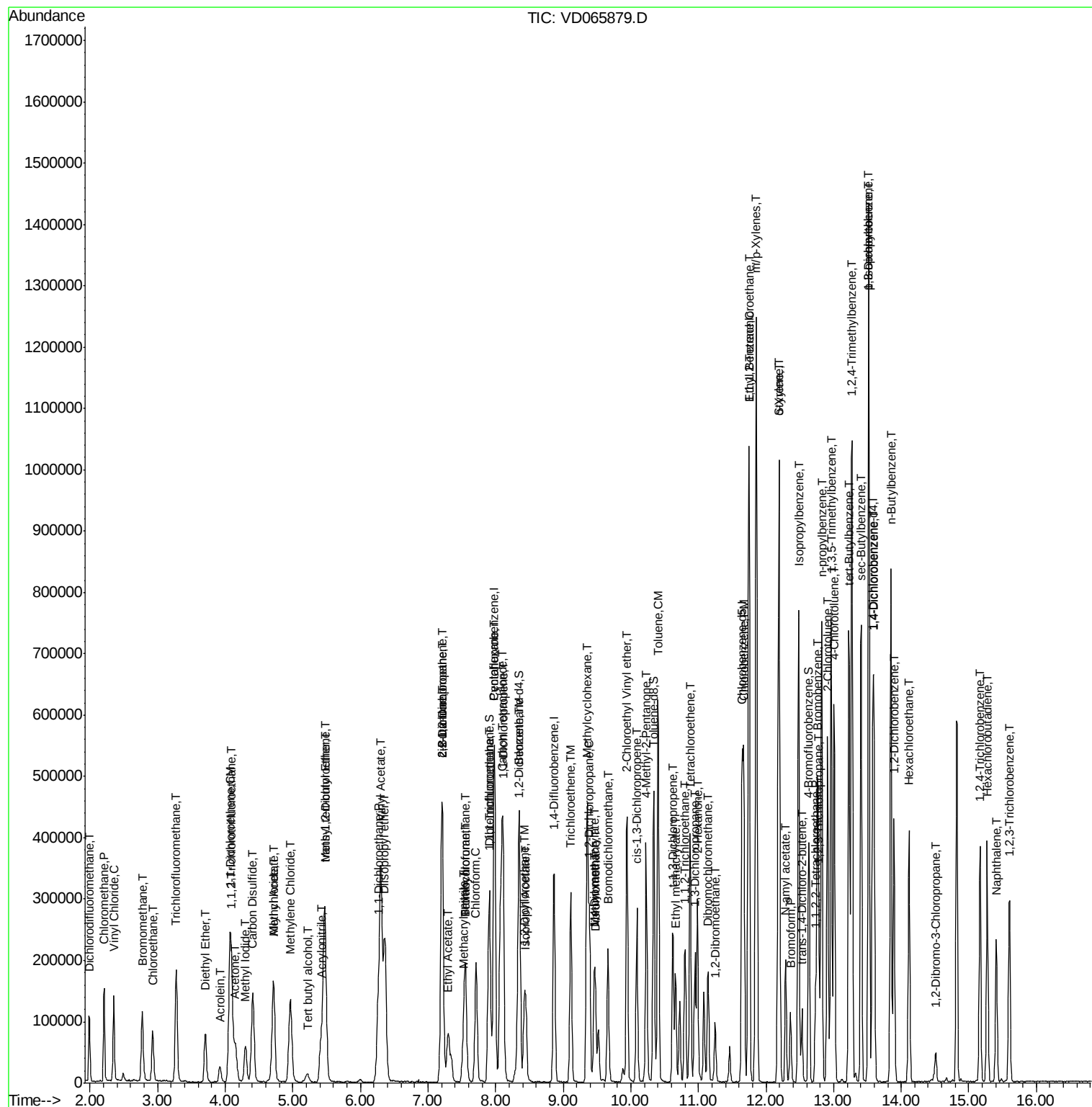
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	116956	51.903	ug/l	99
94) Hexachlorobutadiene	15.27	225	67035	52.156	ug/l	97
95) Naphthalene	15.41	128	203898	50.398	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	94678	50.351	ug/l	98

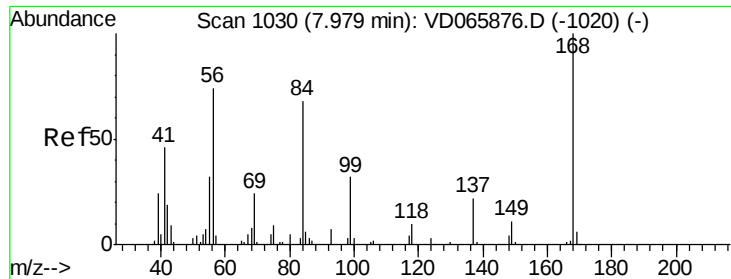
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

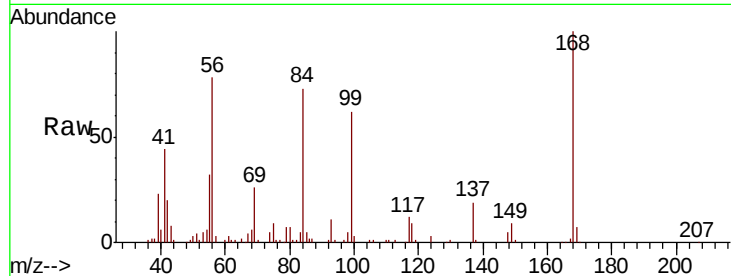
BFB

Tot Ion:168 Resp: 181888

Ion Ratio Lower Upper

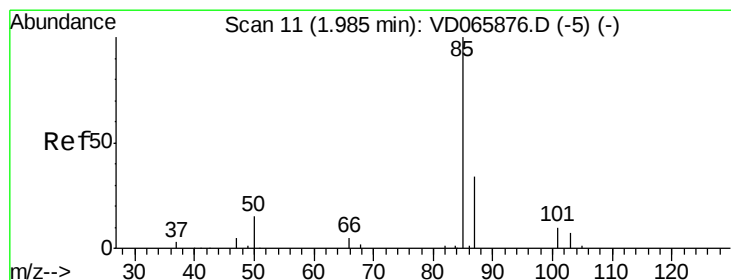
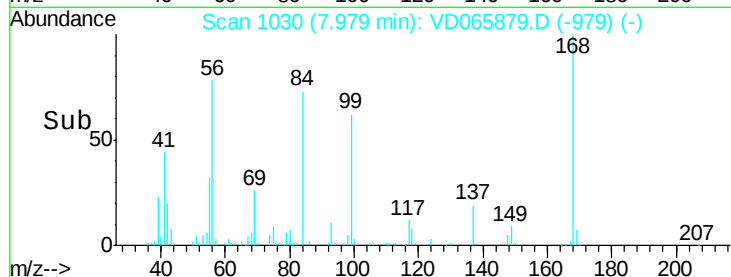
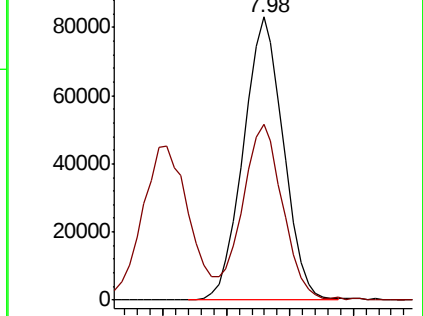
168 100

99 60.9 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 48.725 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065879.D

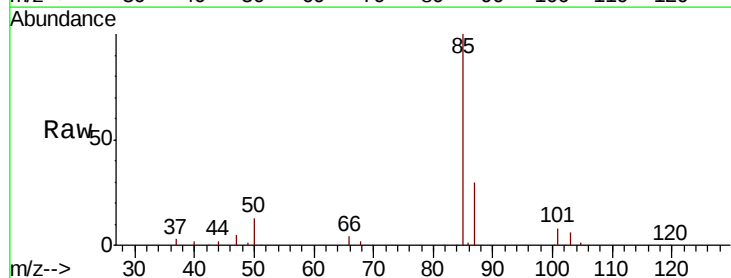
Acq: 26 Jun 2020 13:35

Tgt Ion: 85 Resp: 84743

Ion Ratio Lower Upper

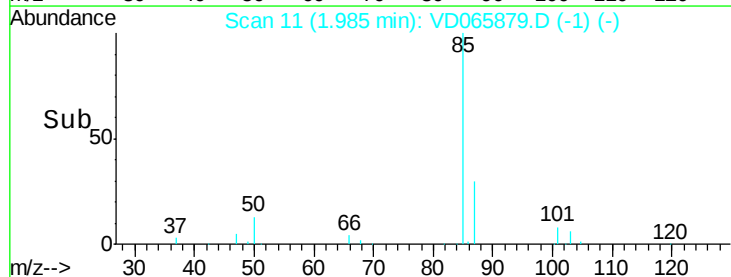
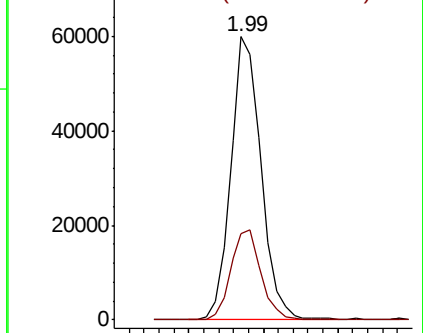
85 100

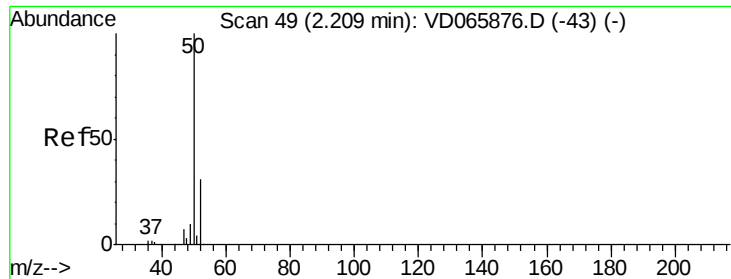
87 30.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 52.008 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

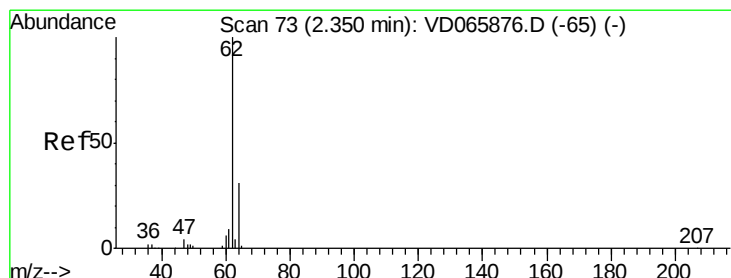
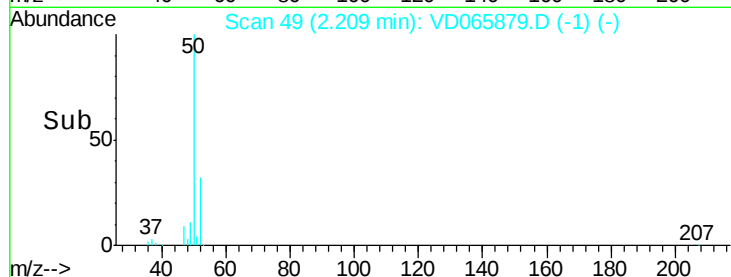
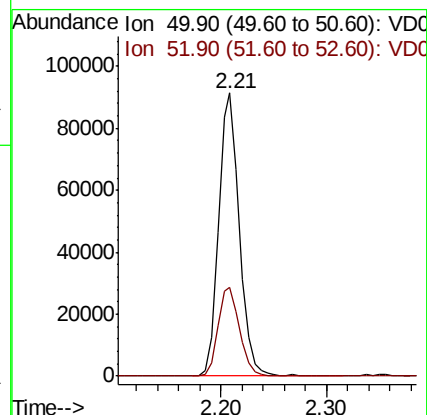
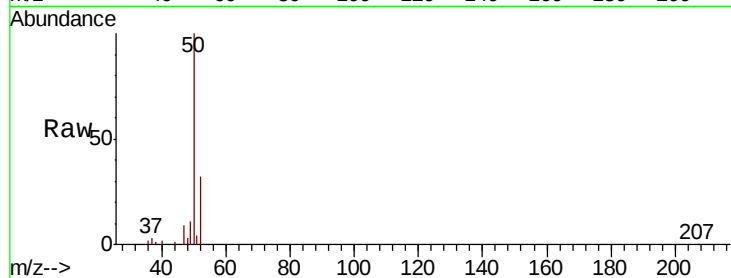
BFB

Tot Ion: 50 Resp: 125709

Ion Ratio Lower Upper

50 100

52 31.6 24.7 37.1



#4

Vinyl Chloride

Concen: 47.705 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065879.D

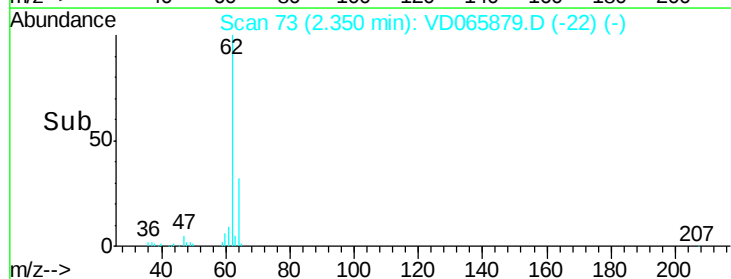
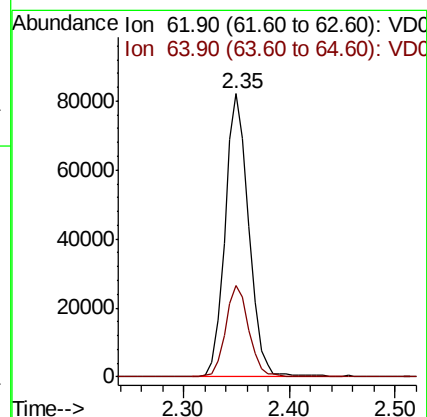
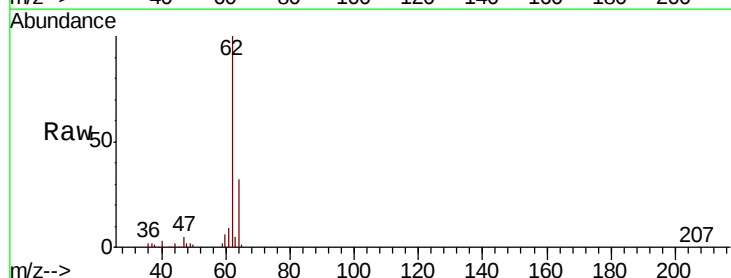
Acq: 26 Jun 2020 13:35

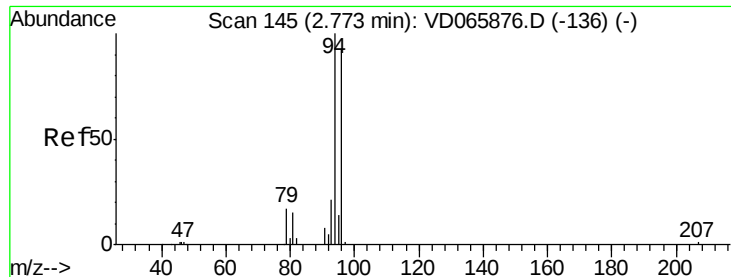
Tgt Ion: 62 Resp: 127908

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 48.609 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

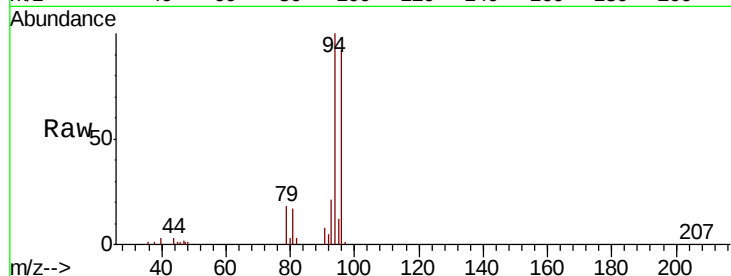
BFB

Tot Ion: 94 Resp: 85245

Ion Ratio Lower Upper

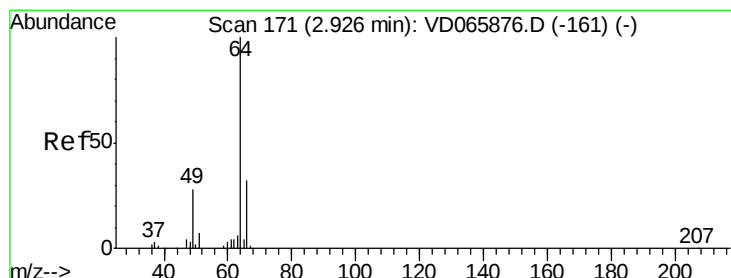
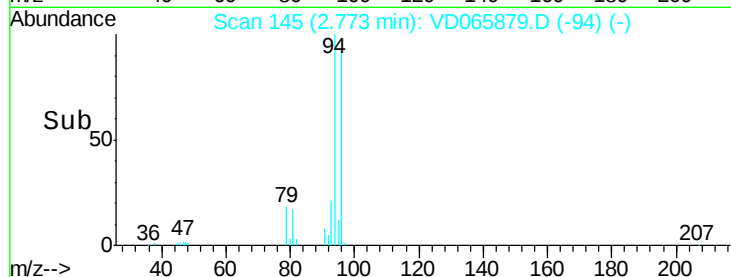
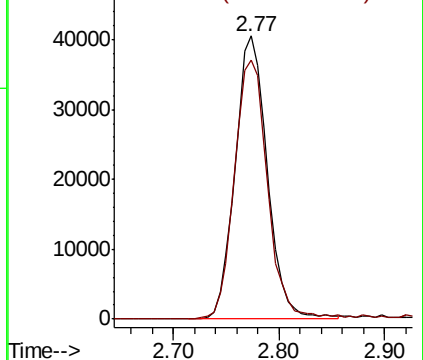
94 100

96 91.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 48.051 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065879.D

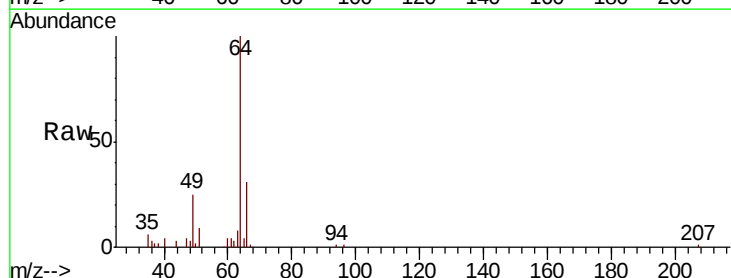
Acq: 26 Jun 2020 13:35

Tgt Ion: 64 Resp: 81245

Ion Ratio Lower Upper

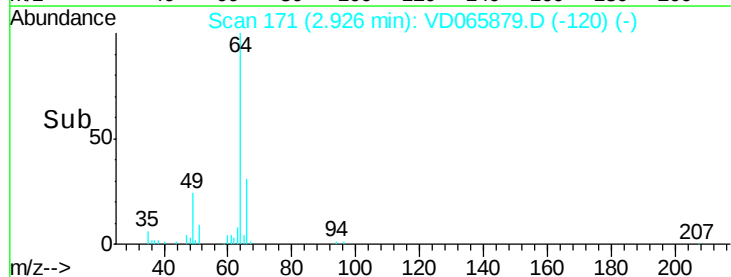
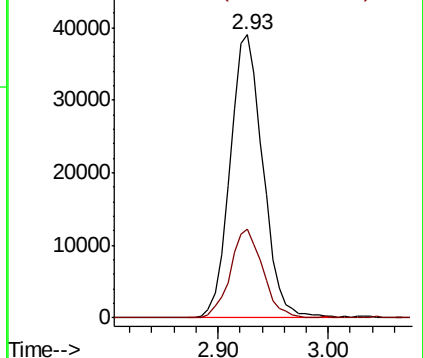
64 100

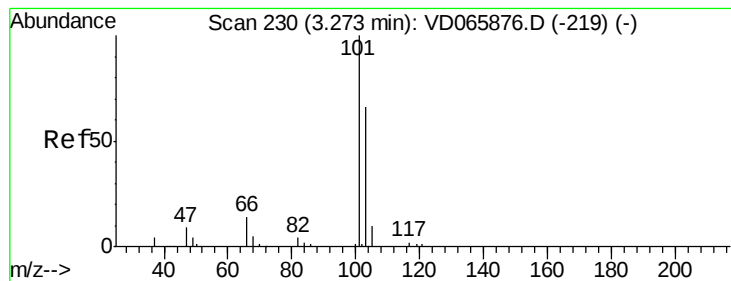
66 31.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 53.508 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.00 min

Lab File: VD065879.D

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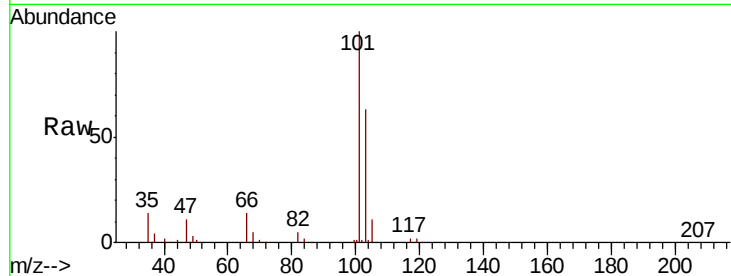
BFB

Tot Ion:101 Resp: 180851

Ion Ratio Lower Upper

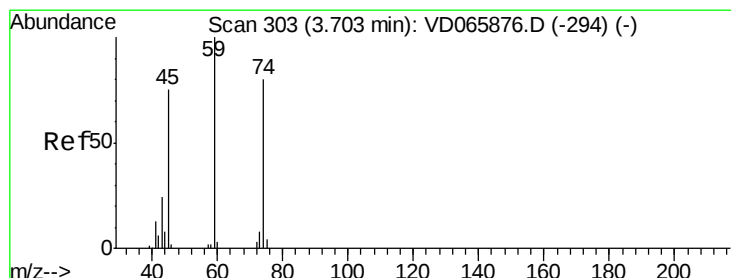
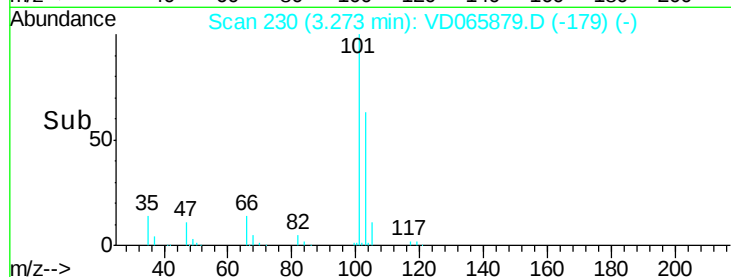
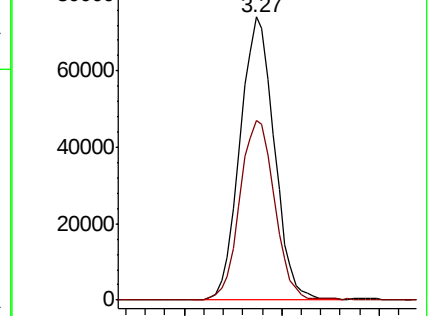
101 100

103 63.4 52.9 79.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.682 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD065879.D

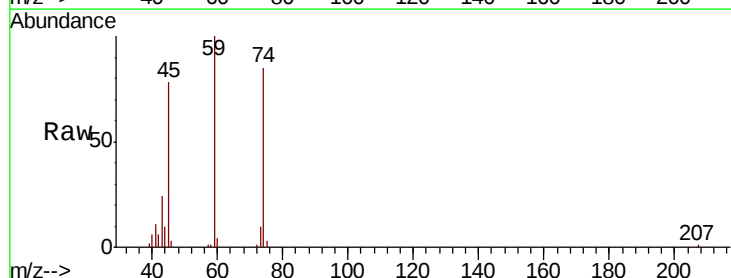
Acq: 26 Jun 2020 13:35

Tgt Ion: 74 Resp: 45034

Ion Ratio Lower Upper

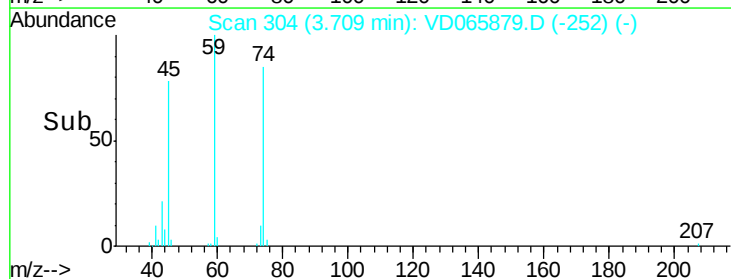
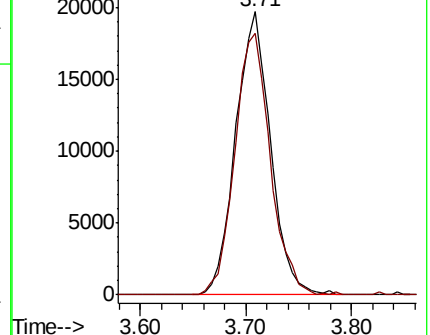
74 100

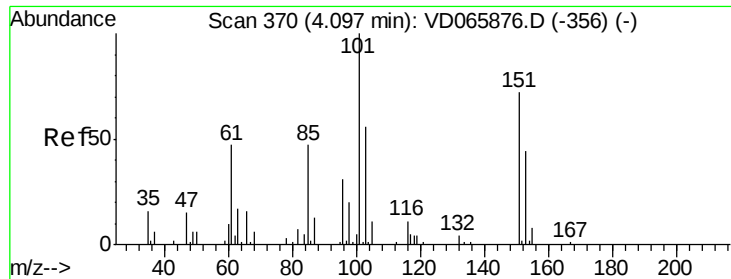
45 93.9 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.932 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD065879.D

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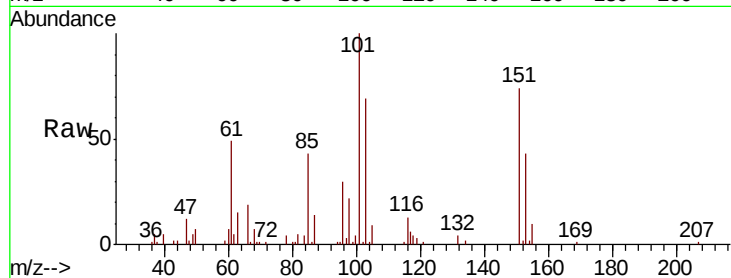
Tot Ion:101 Resp: 98911

Ion Ratio Lower Upper

101 100

85 45.5 38.6 58.0

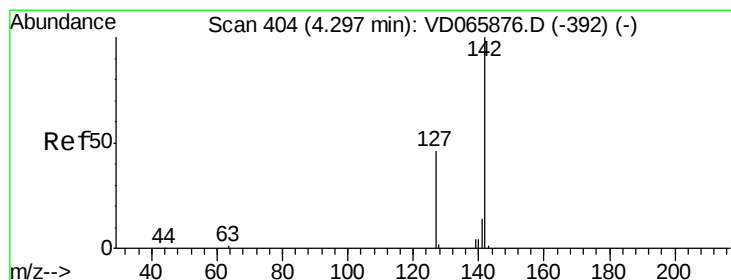
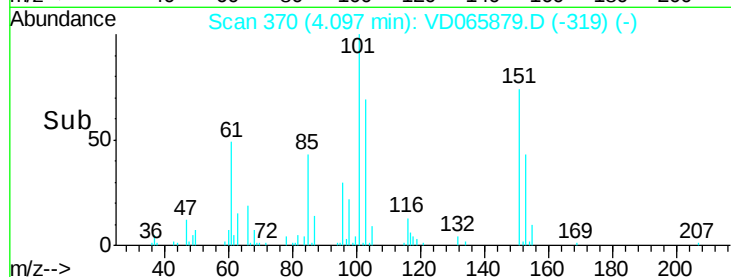
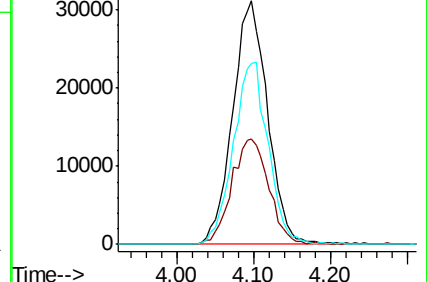
151 74.4 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.110 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

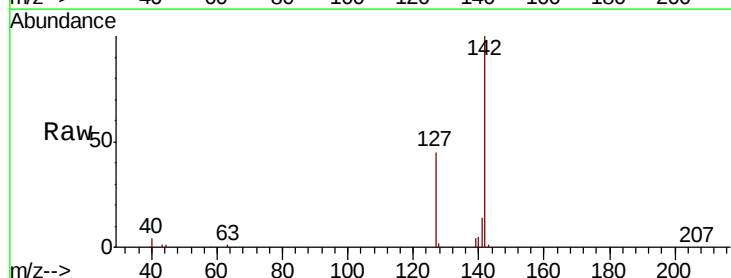
Tgt Ion:142 Resp: 95338

Ion Ratio Lower Upper

142 100

127 47.7 39.0 58.6

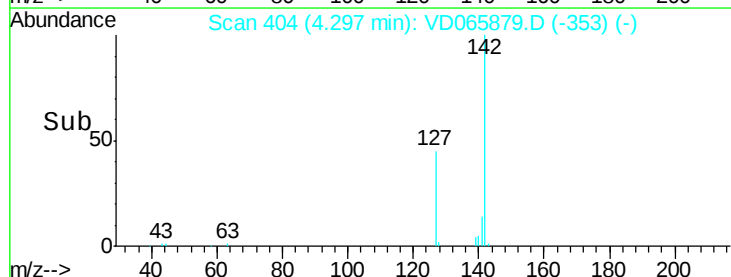
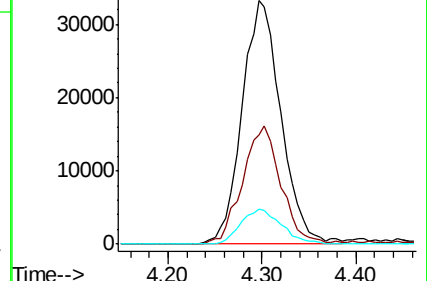
141 15.0 11.5 17.3

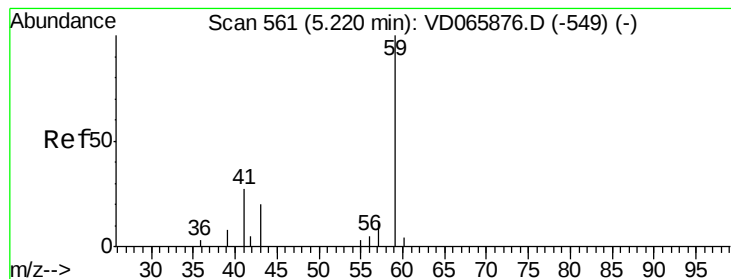


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



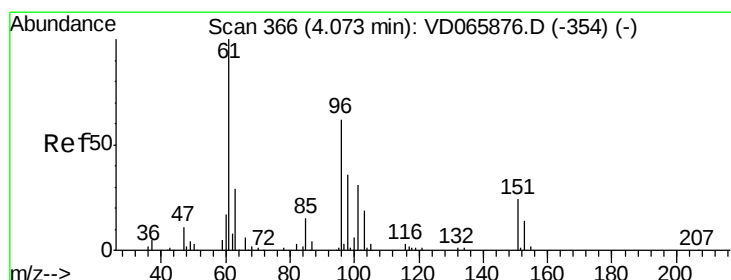
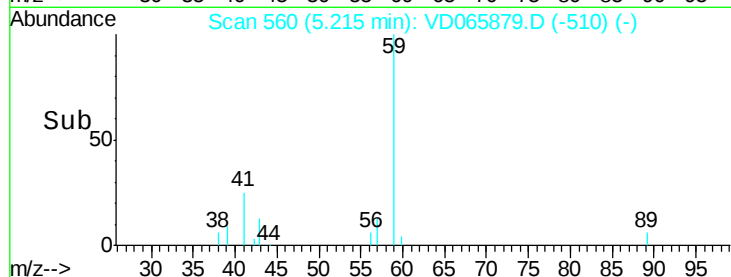
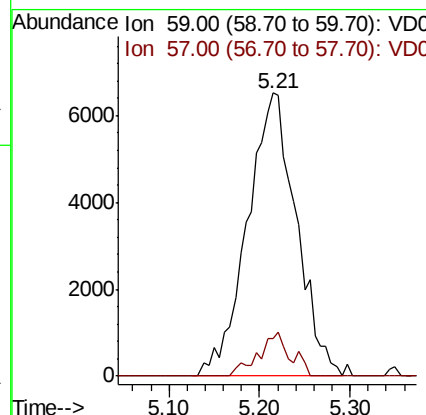
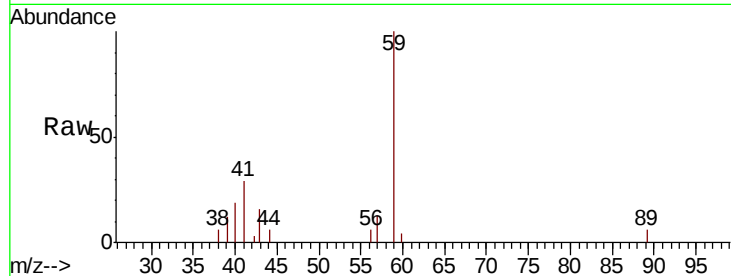


#11

Tert butyl alcohol
 Concen: 260.052 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

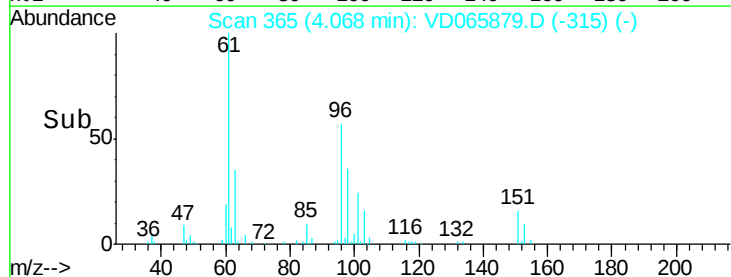
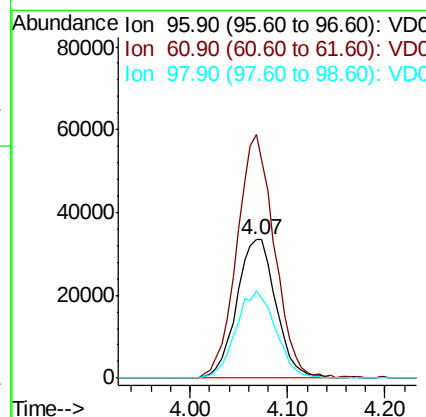
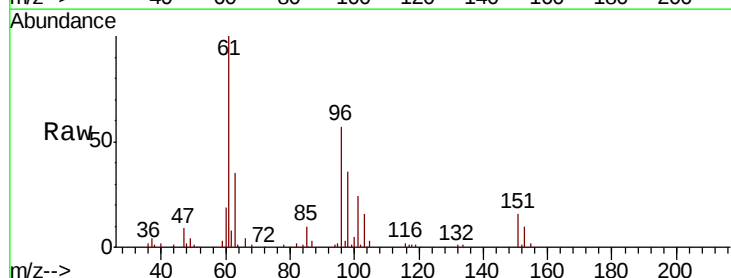
Tot Ion: 59 Resp: 24542
 Ion Ratio Lower Upper
 59 100
 57 9.9 9.7 14.5

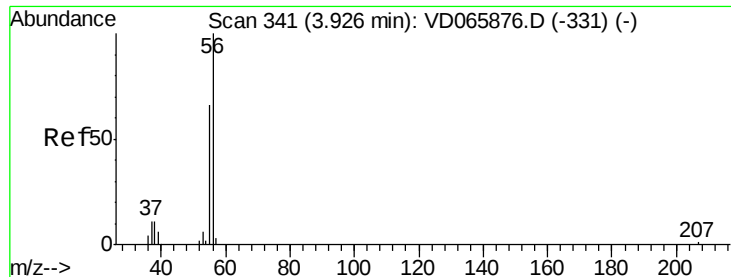


#12

1,1-Dichloroethene
 Concen: 52.728 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

Tgt Ion: 96 Resp: 93608
 Ion Ratio Lower Upper
 96 100
 61 175.9 128.3 192.5
 98 63.5 46.2 69.2





#13

Acrolein

Concen: 218.152 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

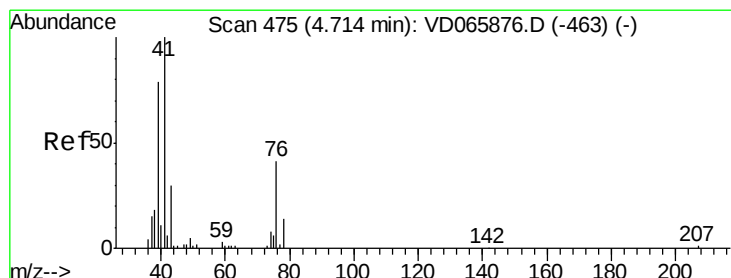
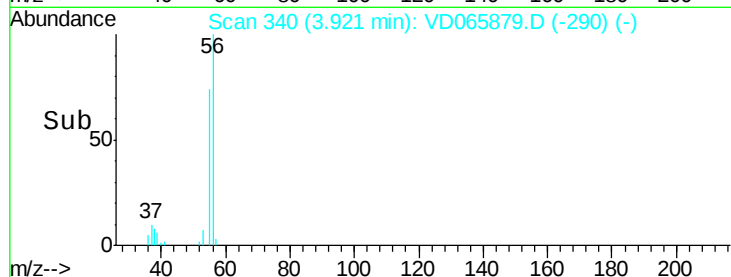
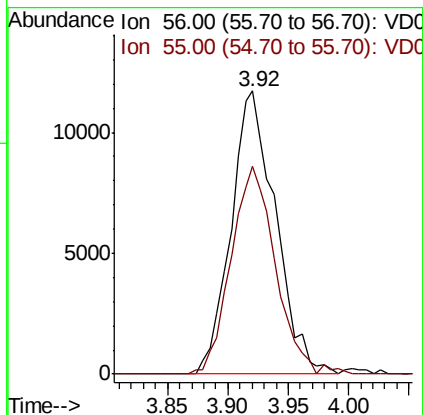
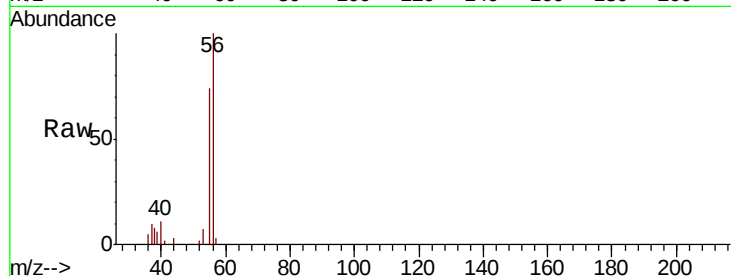
BFB

Tot Ion: 56 Resp: 29959

Ion Ratio Lower Upper

56 100

55 72.4 58.1 87.1



#14

Allyl chloride

Concen: 54.084 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

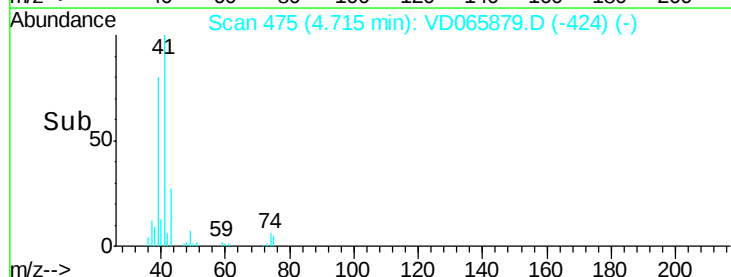
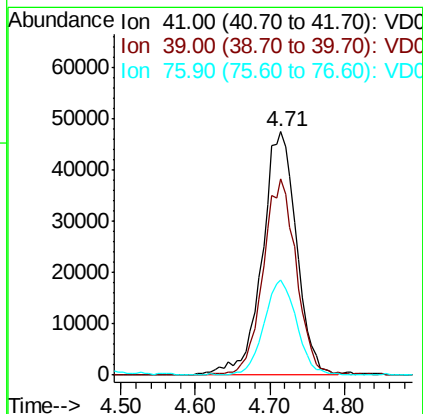
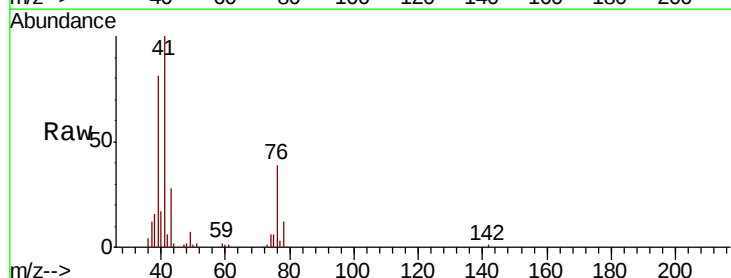
Tgt Ion: 41 Resp: 151456

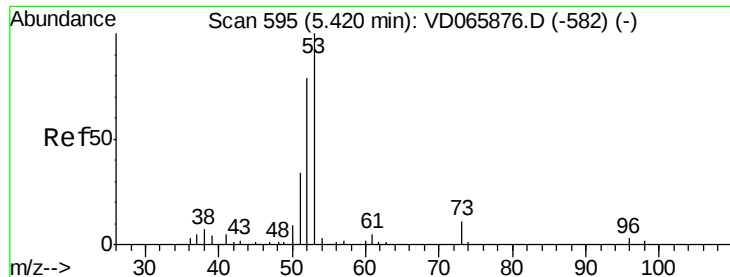
Ion Ratio Lower Upper

41 100

39 78.0 63.8 95.8

76 37.3 32.2 48.4





#15

Acrylonitrile

Concen: 242.420 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampled :

BFB

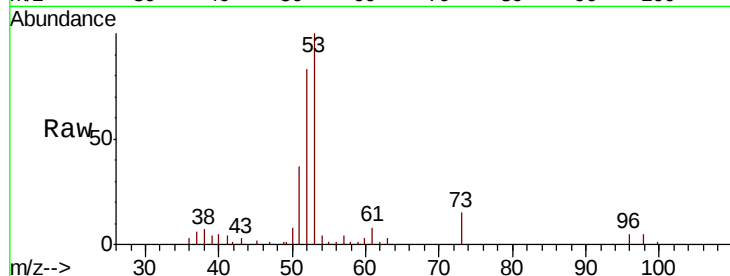
Tot Ion: 53 Resp: 91567

Ion Ratio Lower Upper

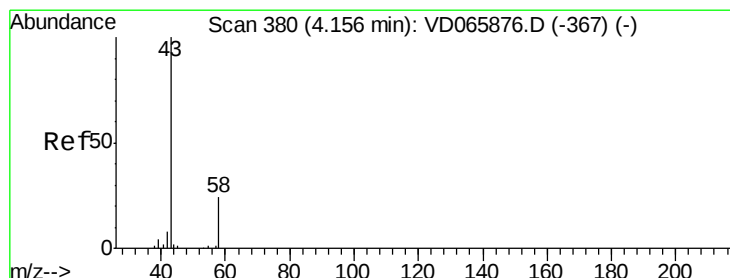
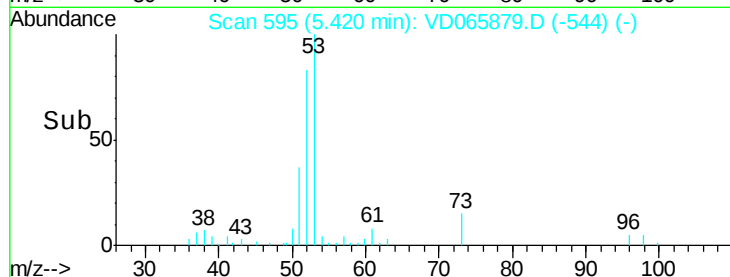
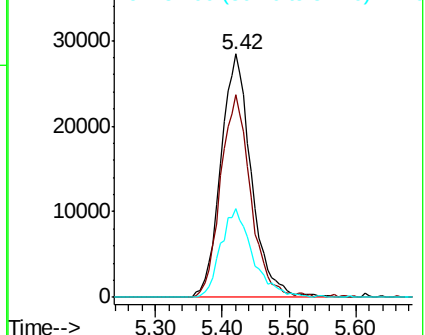
53 100

52 81.3 66.3 99.5

51 37.9 29.9 44.9



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: 283.651 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD065879.D

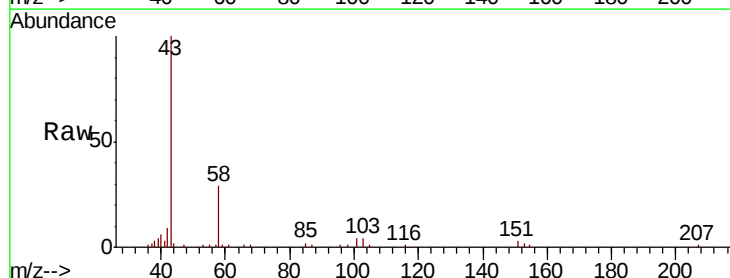
Acq: 26 Jun 2020 13:35

Tgt Ion: 43 Resp: 105016

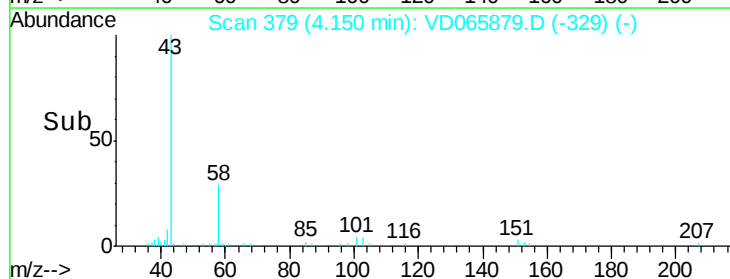
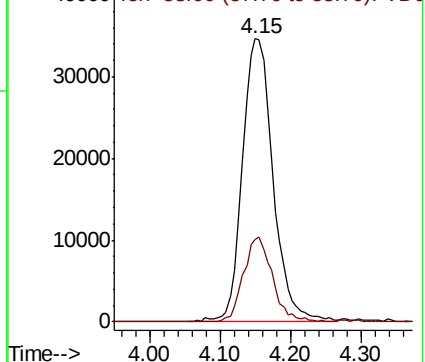
Ion Ratio Lower Upper

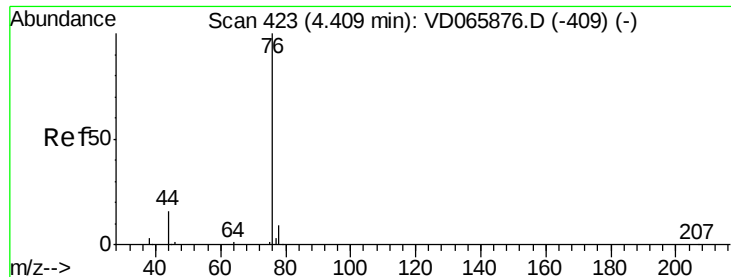
43 100

58 29.3 19.5 29.3#



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

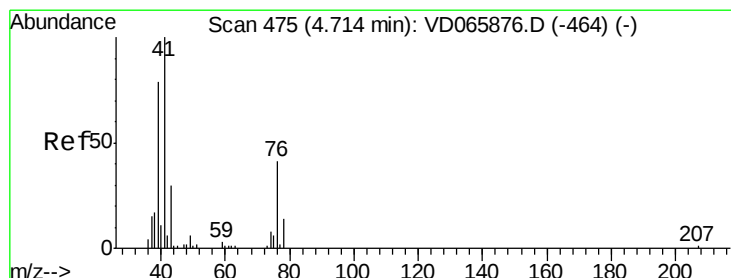
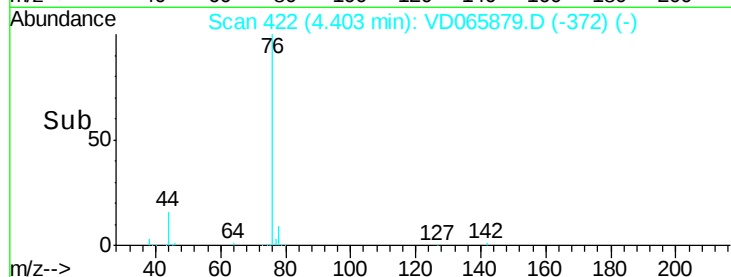
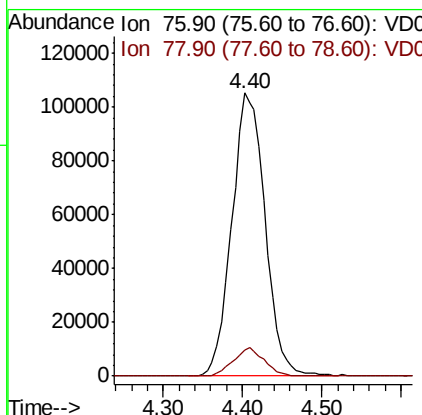
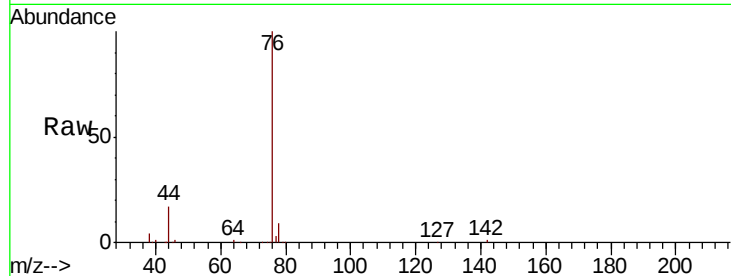




#17
Carbon Disulfide
Concen: 50.966 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

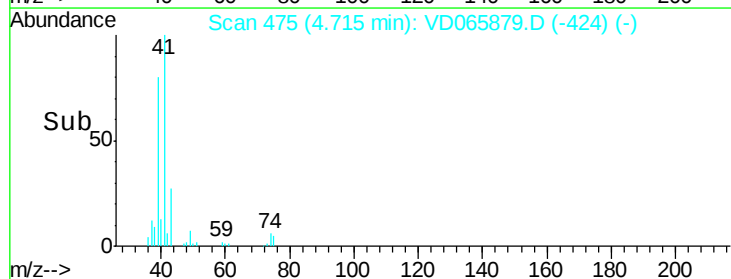
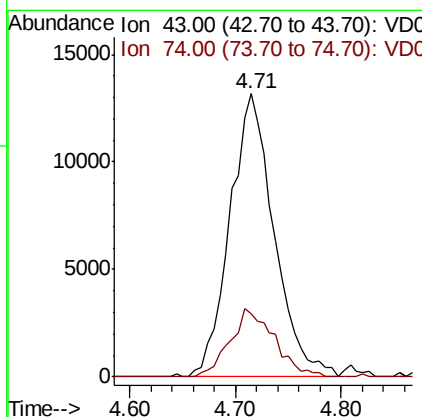
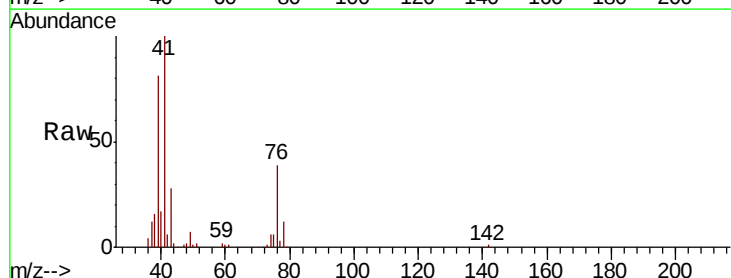
Instrument :
MSVOA_D
ClientSampleId :
BFB

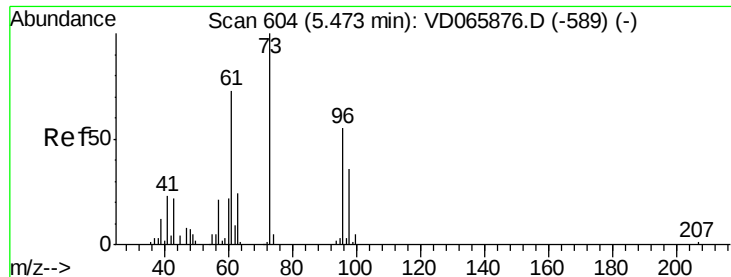
Tot Ion: 76 Resp: 305685
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 46.563 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 43 Resp: 38225
Ion Ratio Lower Upper
43 100
74 24.2 20.2 30.2

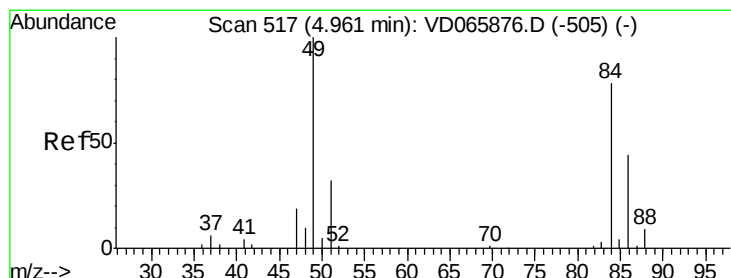
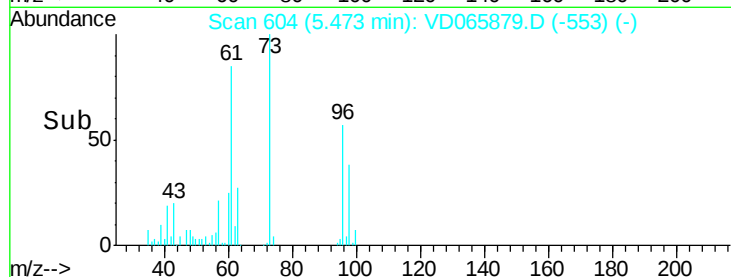
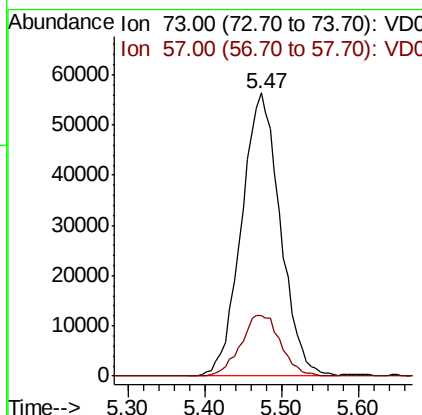
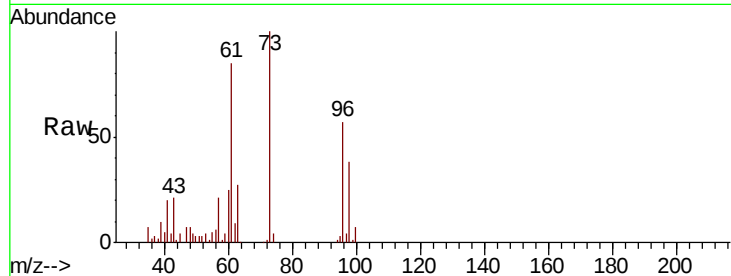




#19
Methyl tert-butyl Ether
Concen: 51.076 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

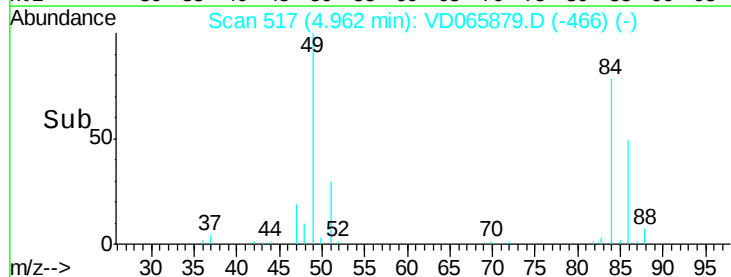
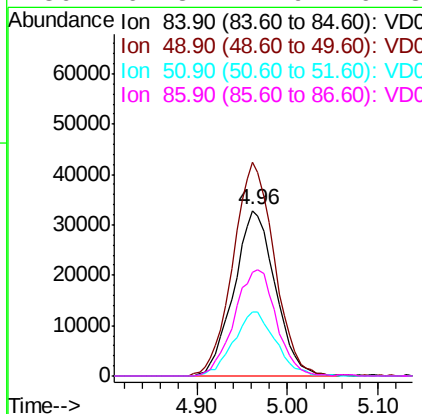
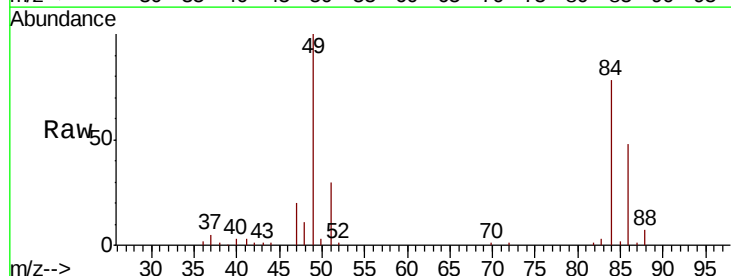
Instrument :
MSVOA_D
ClientSampled :
BFB

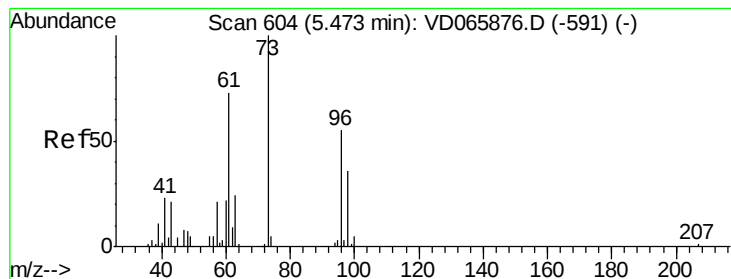
Tot Ion: 73 Resp: 198835
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4



#20
Methylene Chloride
Concen: 54.201 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 84 Resp: 103795
Ion Ratio Lower Upper
84 100
49 128.9 103.0 154.6
51 38.5 32.7 49.1
86 62.3 44.9 67.3





#21

trans-1,2-Dichloroethene

Concen: 51.434 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampled :

BFB

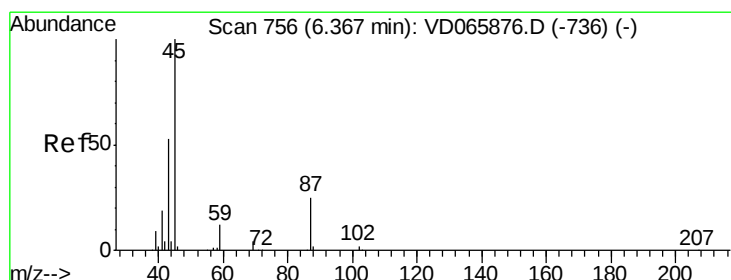
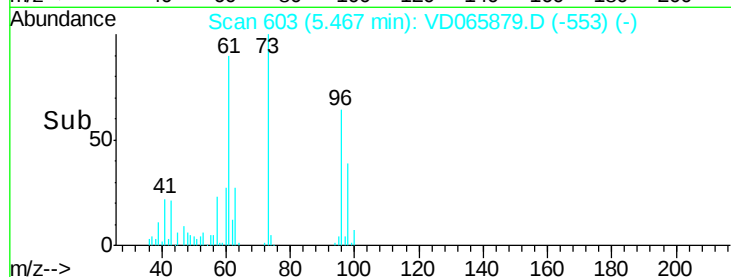
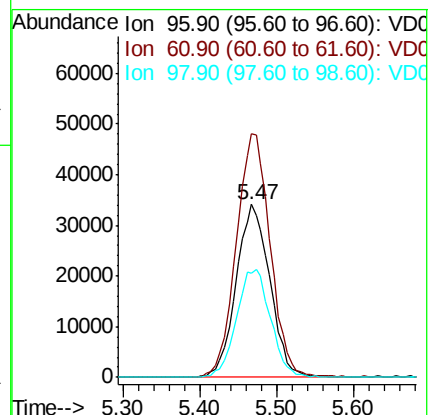
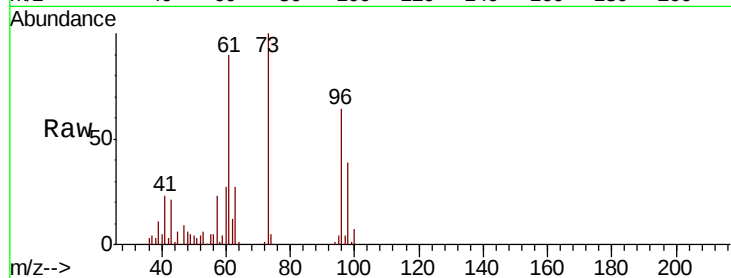
Tot Ion: 96 Resp: 104559

Ion Ratio Lower Upper

96 100

61 140.9 107.0 160.4

98 60.4 52.2 78.2



#22

Diisopropyl ether

Concen: 52.430 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Tgt Ion: 45 Resp: 306216

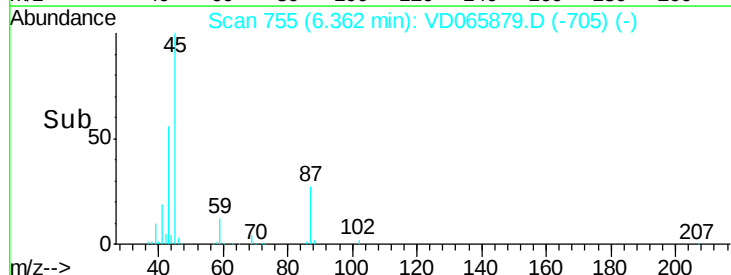
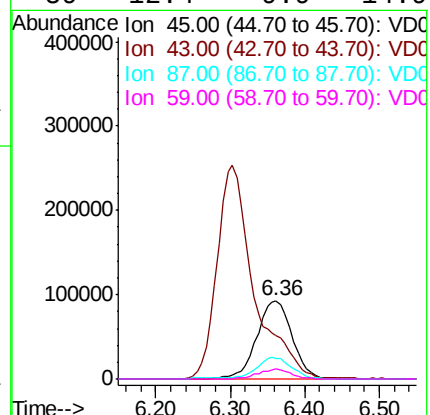
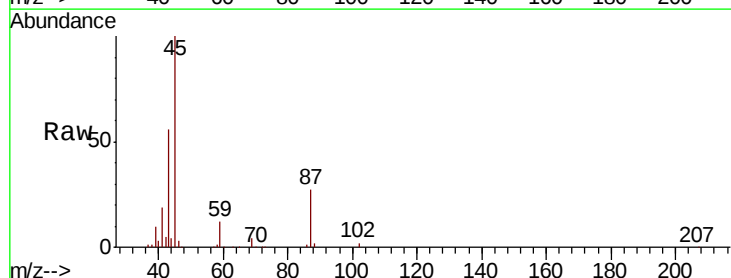
Ion Ratio Lower Upper

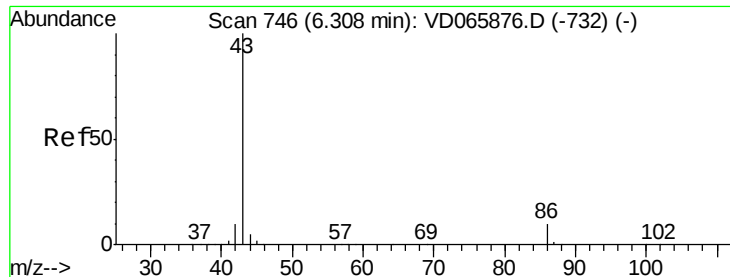
45 100

43 54.8 43.4 65.0

87 26.3 19.8 29.8

59 12.4 9.9 14.9





#23

Vinyl Acetate

Concen: 259.070 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampled :

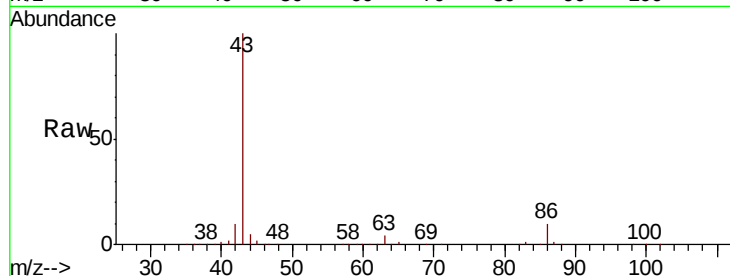
BFB

Tot Ion: 43 Resp: 874516

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

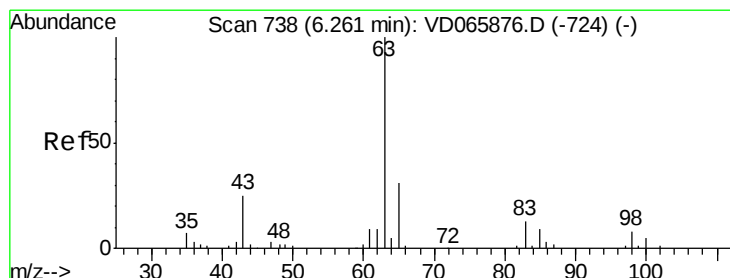
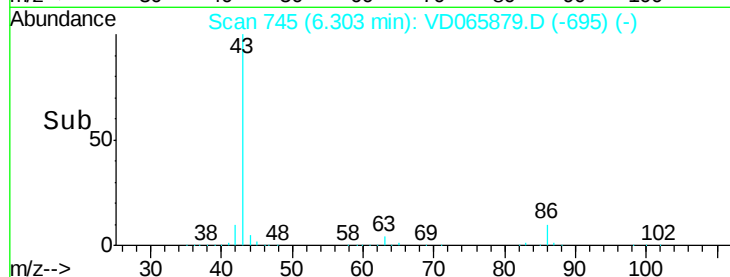
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 52.312 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

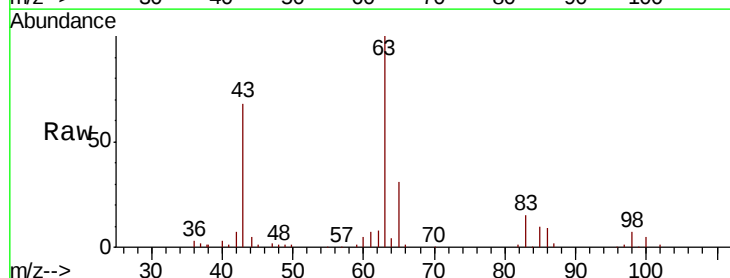
Tgt Ion: 63 Resp: 182270

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 5.4 2.4 7.2



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

6.27

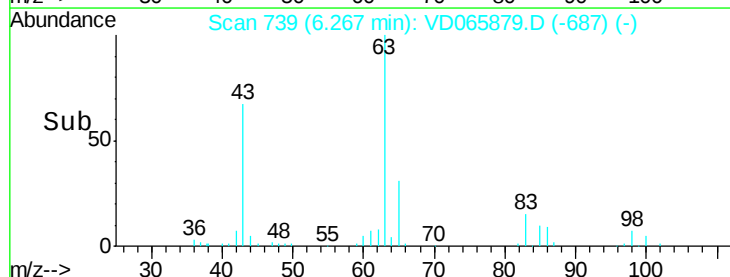
60000

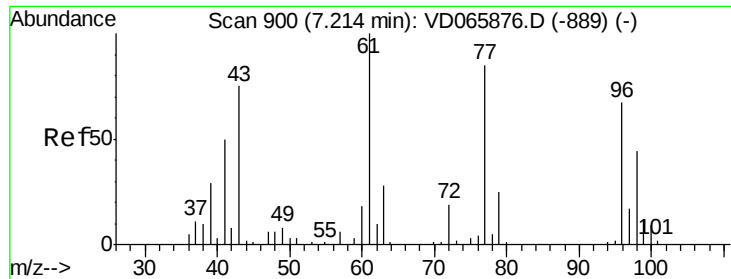
40000

20000

0

Time--> 6.10 6.20 6.30 6.40

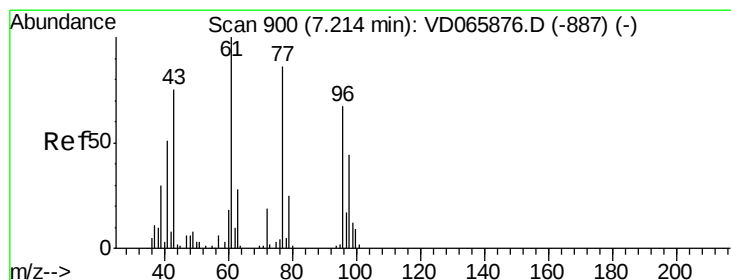
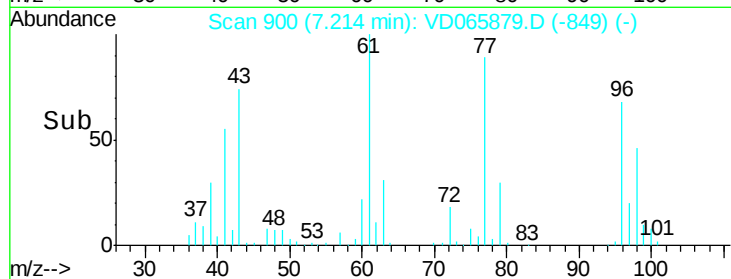
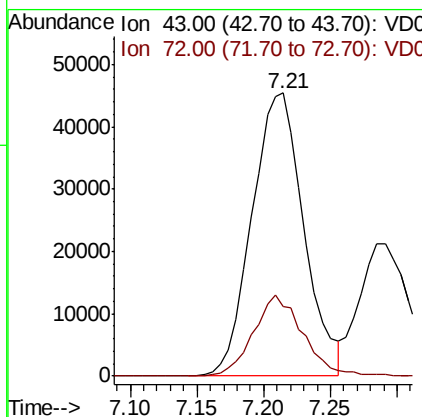
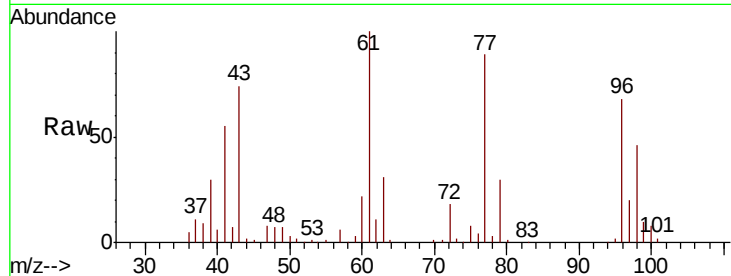




#25
2-Butanone
Concen: 248.389 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

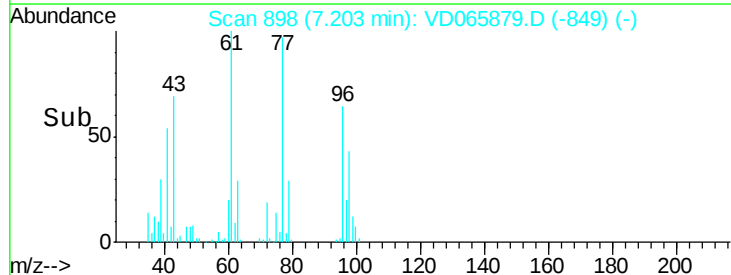
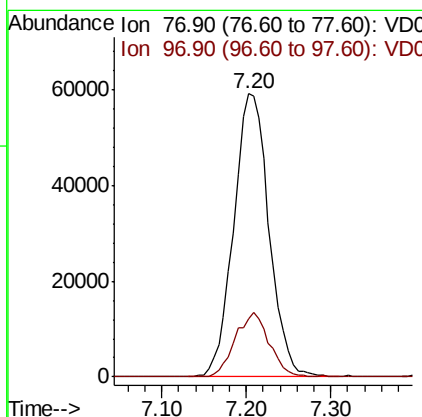
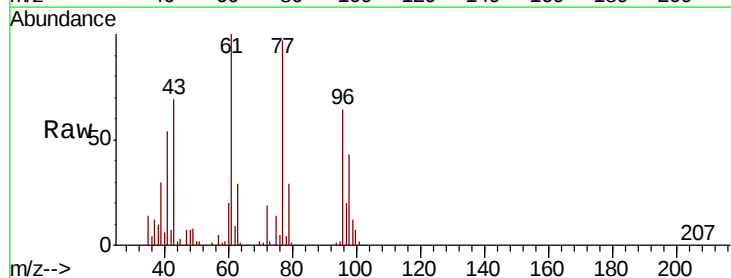
Instrument :
MSVOA_D
ClientSampleId :
BFB

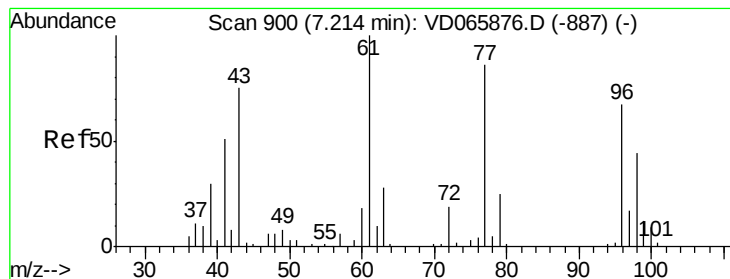
Tot Ion: 43 Resp: 122723
Ion Ratio Lower Upper
43 100
72 24.4 20.6 31.0



#26
2,2-Dichloropropane
Concen: 53.582 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 77 Resp: 171330
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3



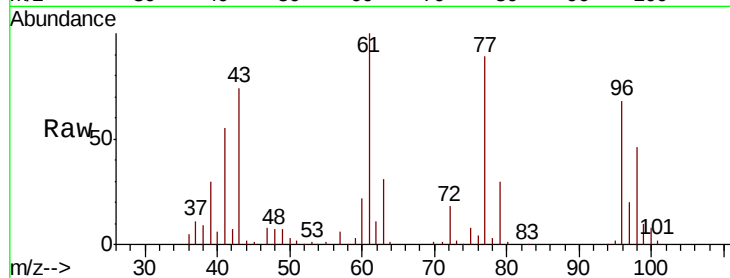


#27

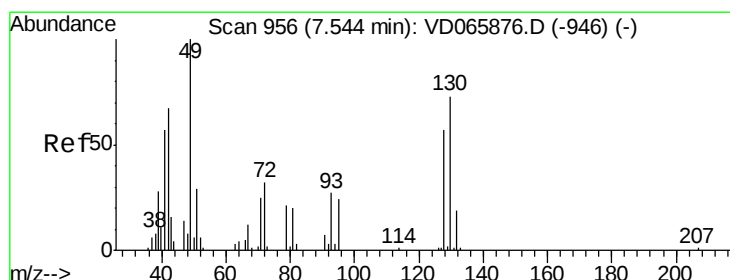
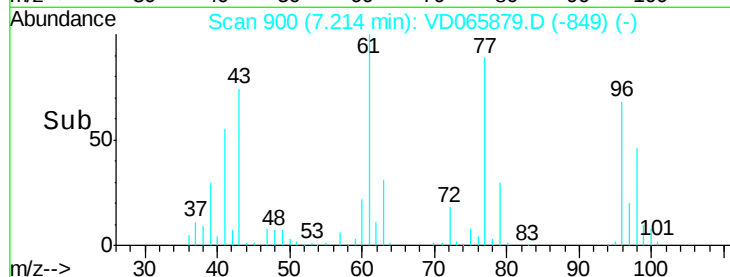
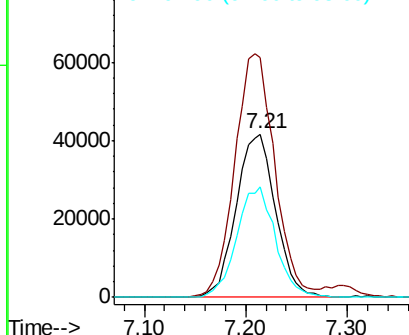
cis-1,2-Dichloroethene
Concen: 50.040 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion: 96 Resp: 112556
Ion Ratio Lower Upper
96 100
61 150.9 0.0 297.8
98 66.2 0.0 129.8



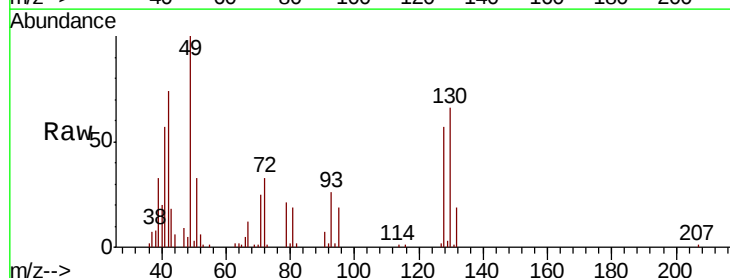
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



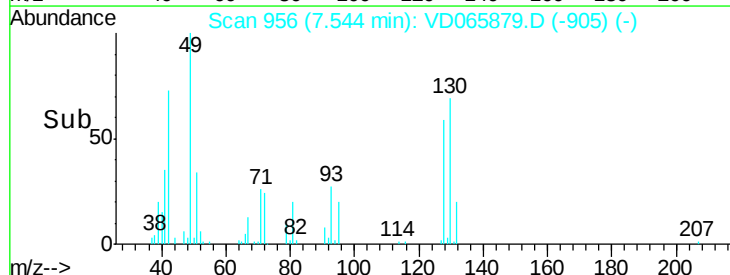
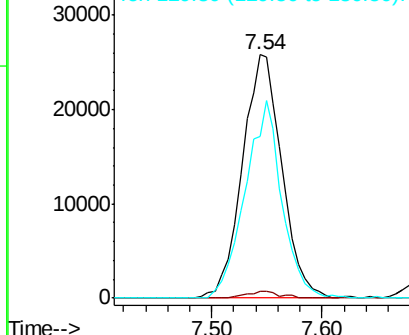
#28

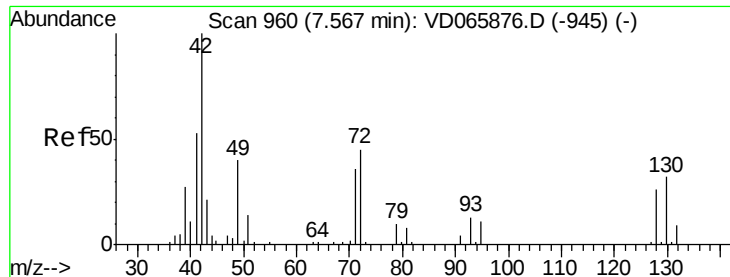
Bromochloromethane
Concen: 49.262 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 49 Resp: 64502
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 75.5 61.0 91.6



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

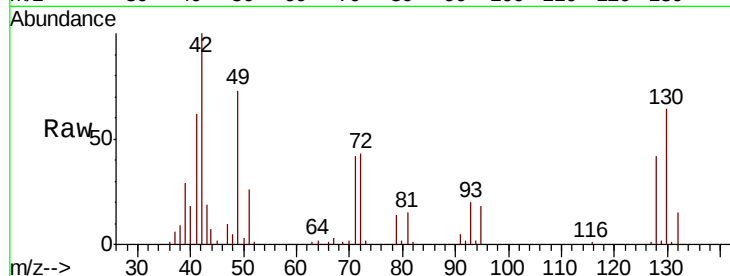




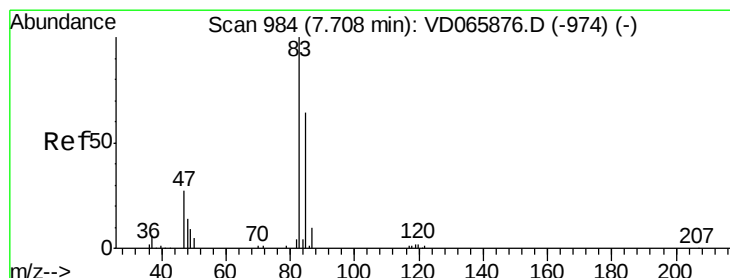
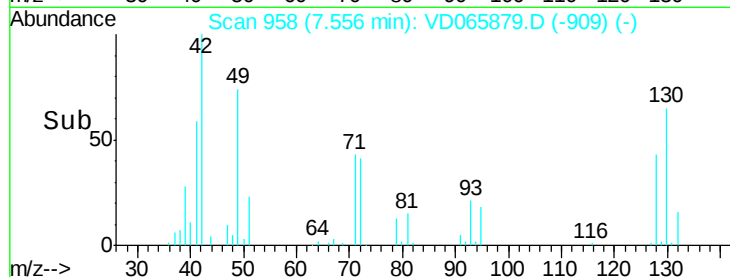
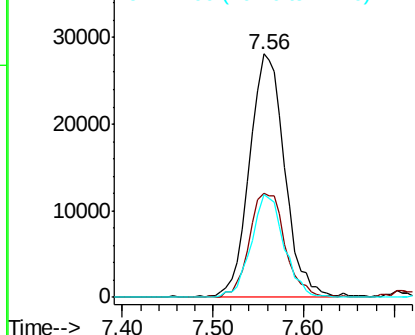
#29
Tetrahydrofuran
Concen: 242.803 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 42 Resp: 76203
Ion Ratio Lower Upper
42 100
72 43.2 35.3 52.9
71 39.4 32.6 48.8

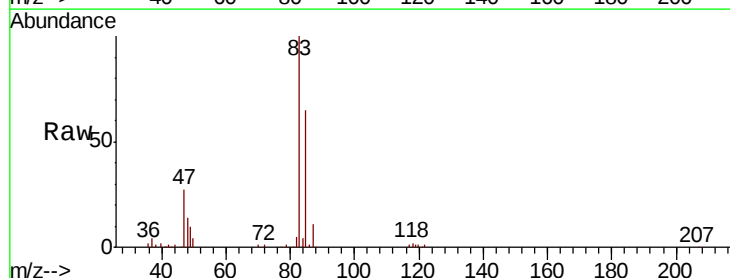


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

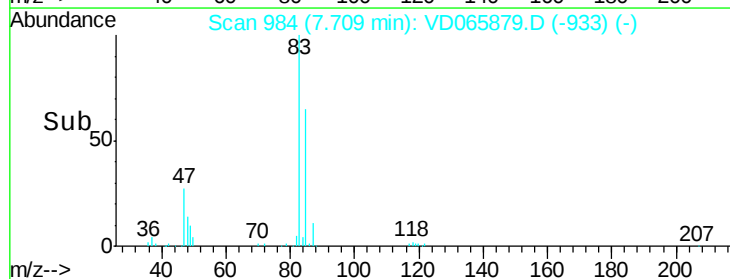
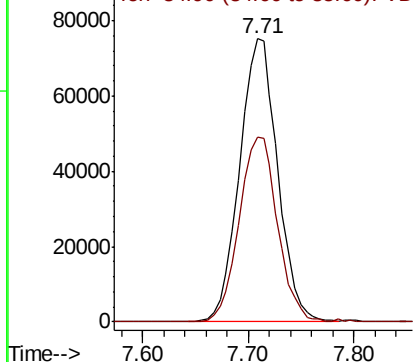


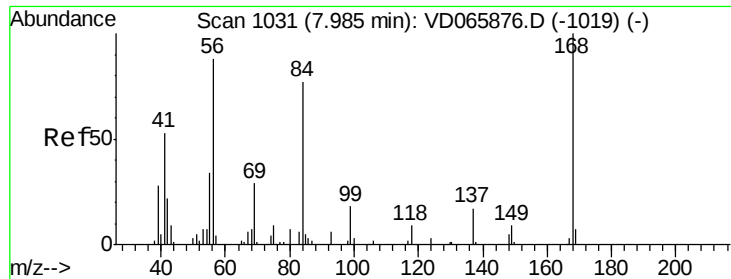
#30
Chloroform
Concen: 50.367 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 83 Resp: 187900
Ion Ratio Lower Upper
83 100
85 65.4 51.2 76.8



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

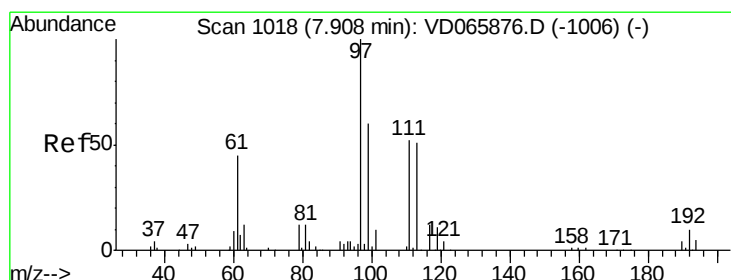
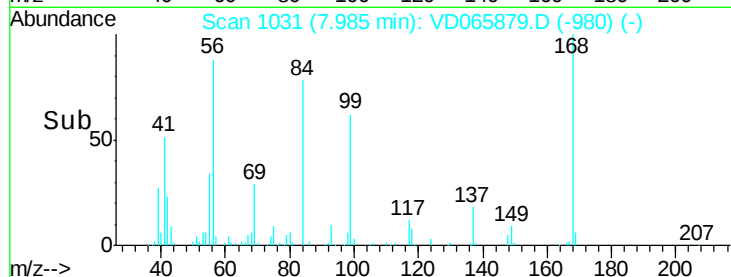
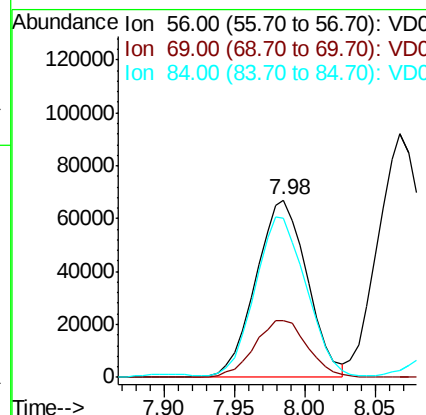
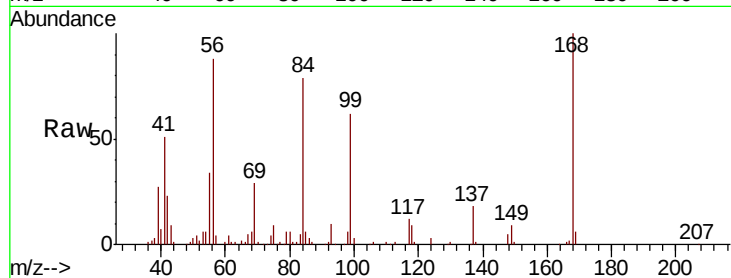




#31
Cyclohexane
Concen: 50.504 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

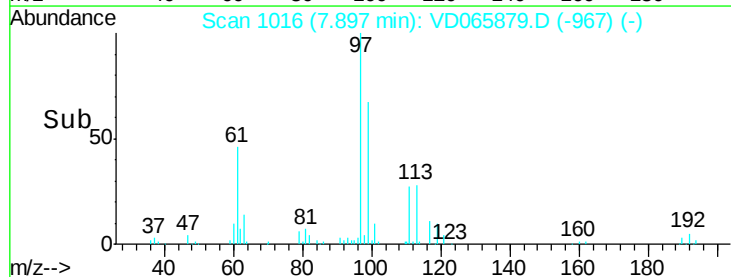
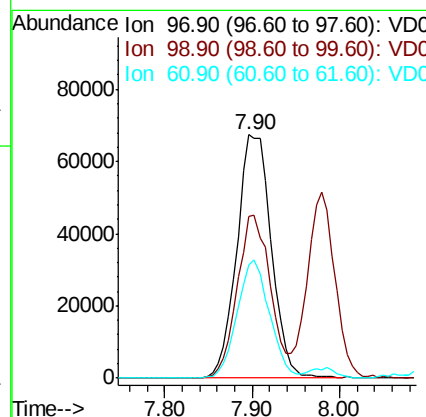
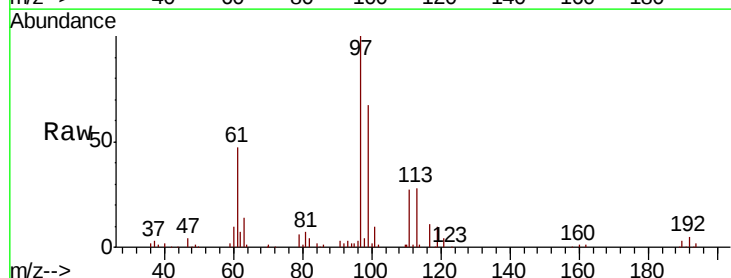
Instrument :
MSVOA_D
ClientSampleId :
BFB

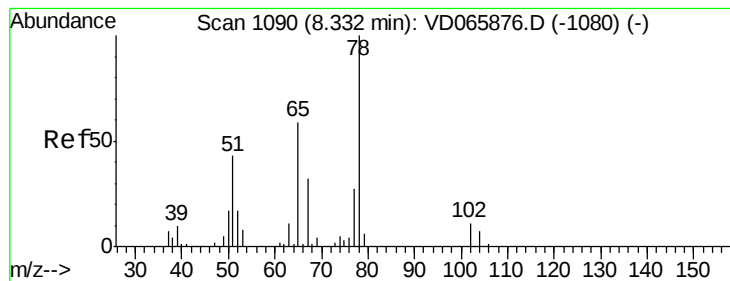
Tot Ion: 56 Resp: 170955
Ion Ratio Lower Upper
56 100
69 32.3 26.2 39.4
84 88.5 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 52.622 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 97 Resp: 180141
Ion Ratio Lower Upper
97 100
99 63.8 50.2 75.4
61 45.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 45.691 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

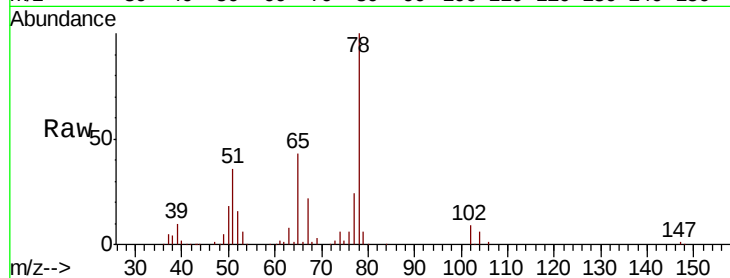
BFB

Tot Ion: 65 Resp: 86340

Ion Ratio Lower Upper

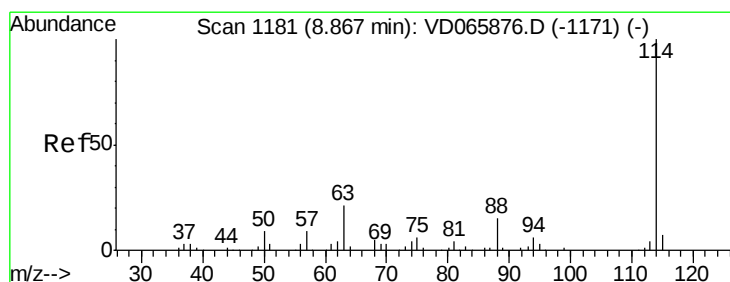
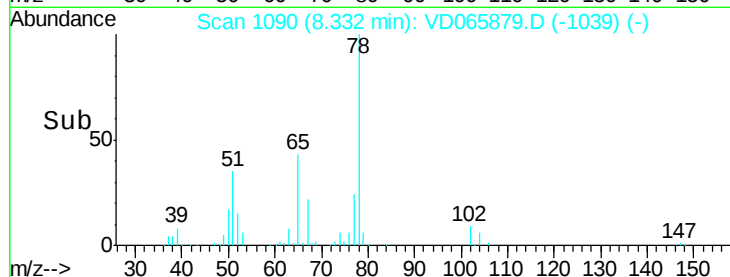
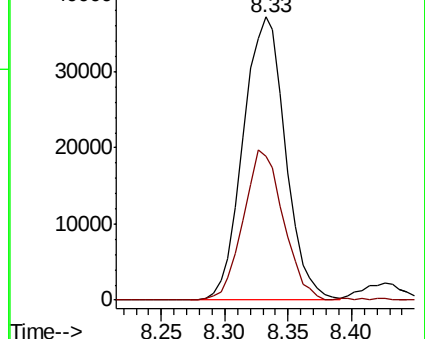
65 100

67 50.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

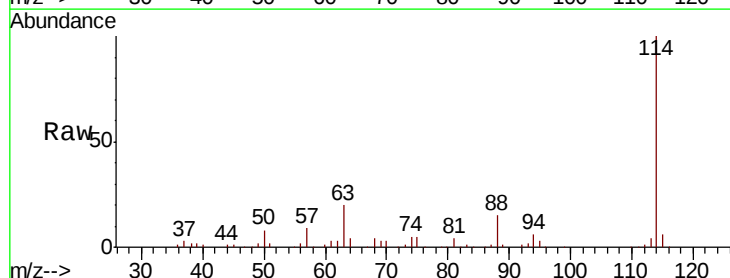
Tgt Ion: 114 Resp: 298347

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

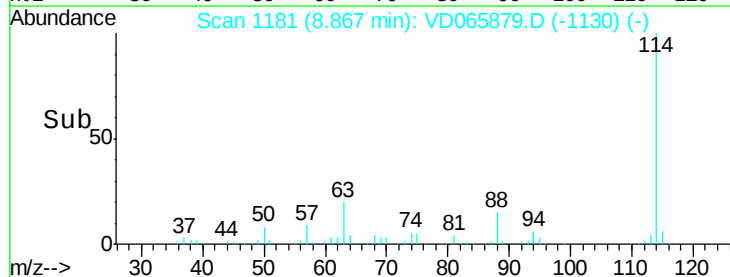
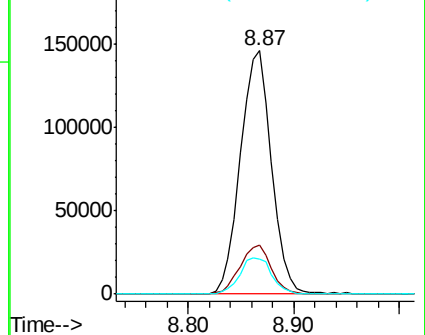
88 14.6 0.0 29.0

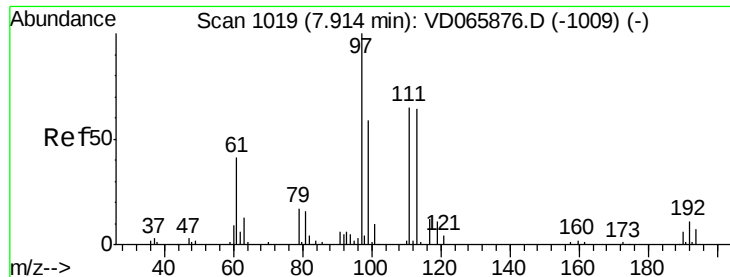


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

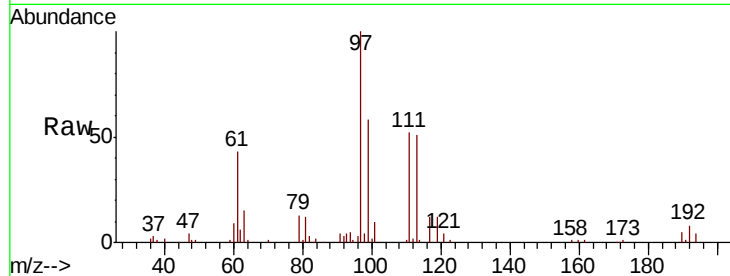




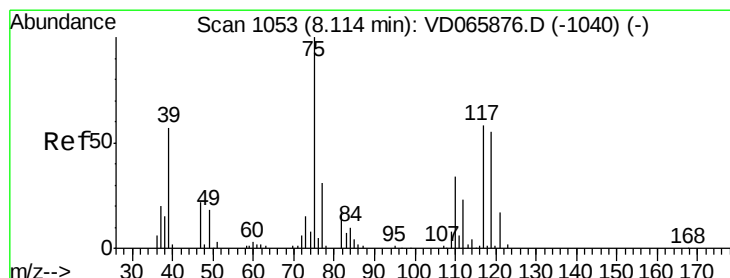
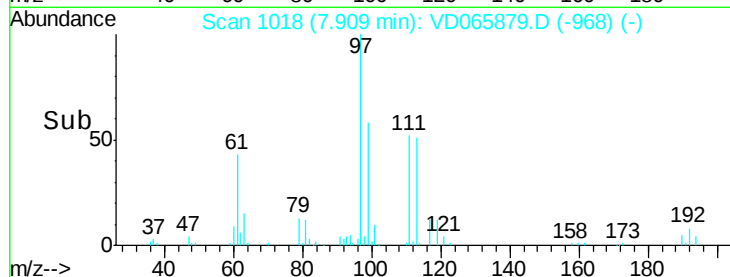
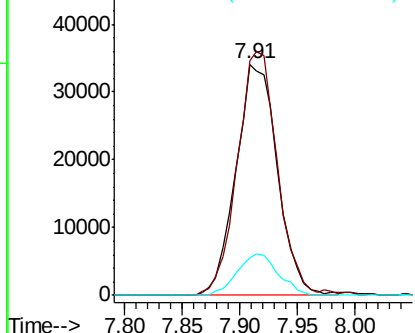
#35
Dibromofluoromethane
Concen: 46.354 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion:113 Resp: 85482
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.6
192 17.7 15.2 22.8

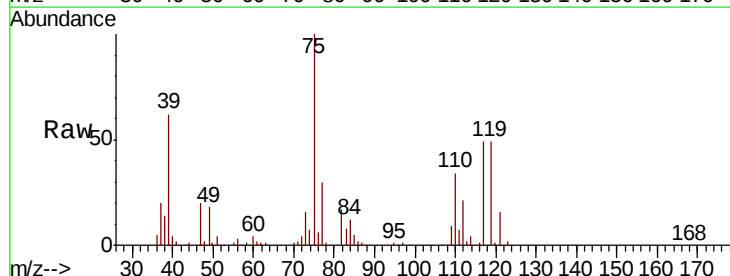


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

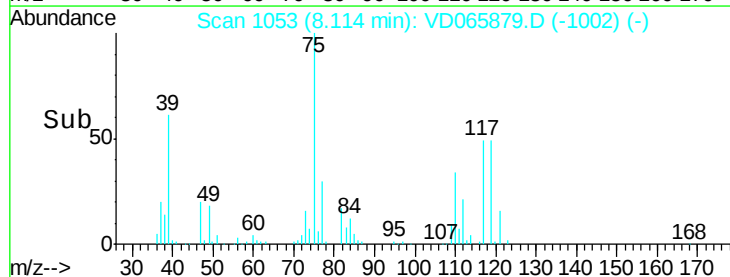
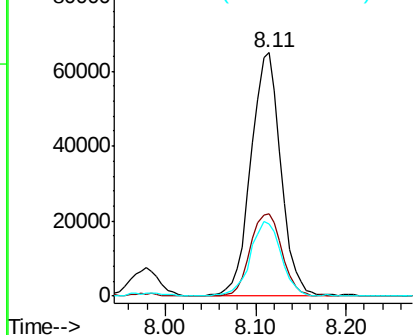


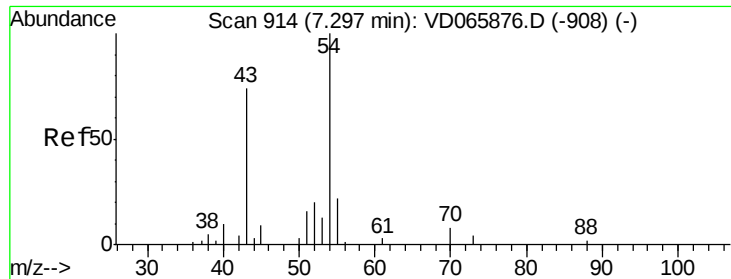
#36
1,1-Dichloropropene
Concen: 51.351 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 75 Resp: 149392
Ion Ratio Lower Upper
75 100
110 35.8 16.8 50.4
77 31.6 24.0 36.0



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

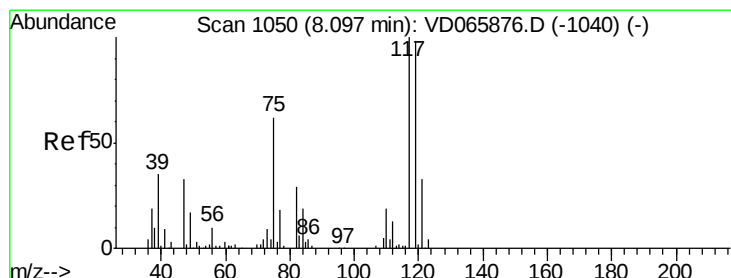
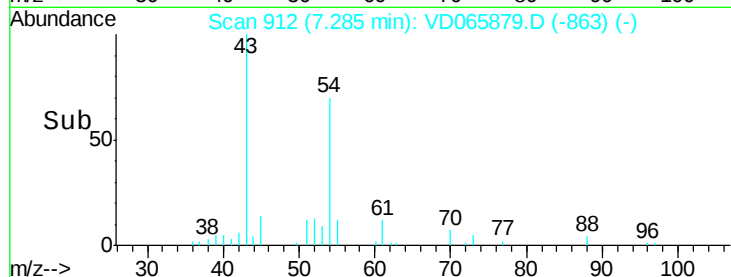
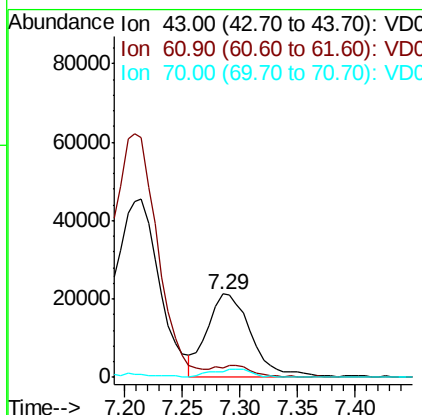
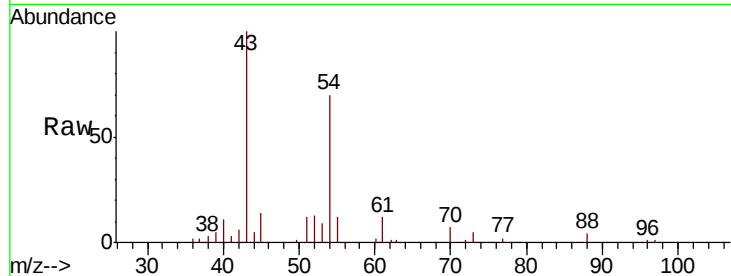




#37
Ethyl Acetate
Concen: 49.880 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

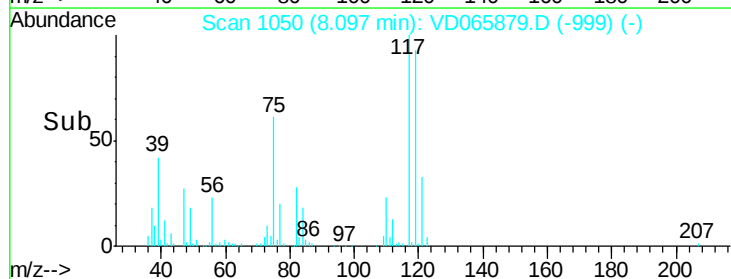
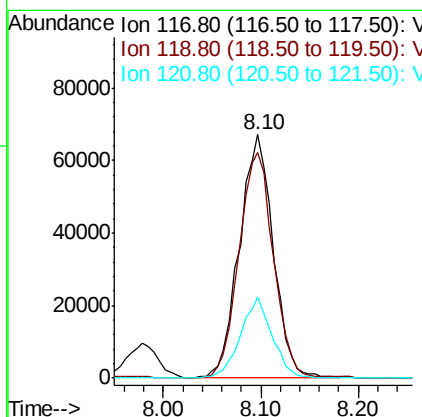
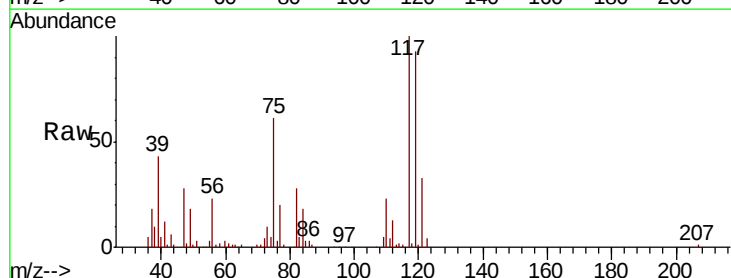
Instrument :
MSVOA_D
ClientSampleId :
BFB

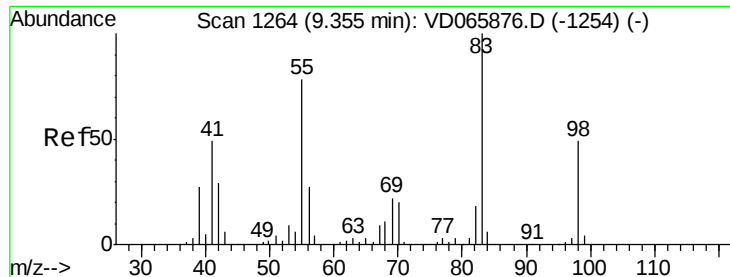
Tot Ion: 43 Resp: 55487
Ion Ratio Lower Upper
43 100
61 10.4 0.0 0.0#
70 9.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 52.012 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 117 Resp: 163398
Ion Ratio Lower Upper
117 100
119 92.6 78.6 117.8
121 33.3 26.5 39.7

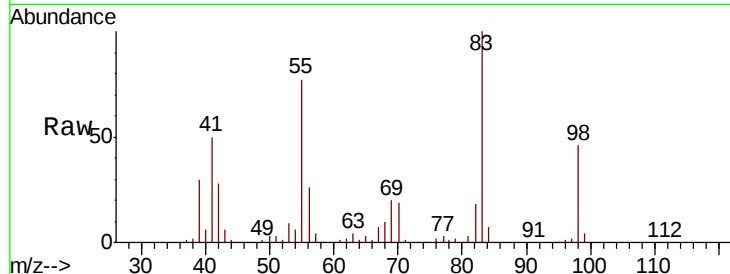




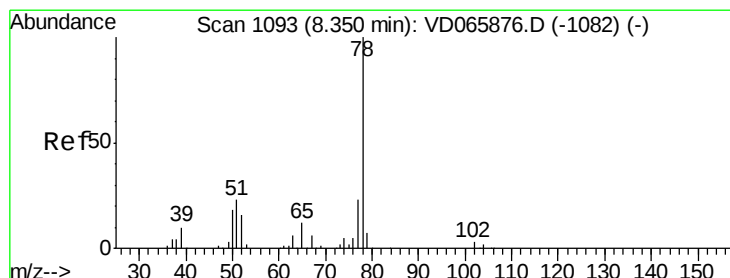
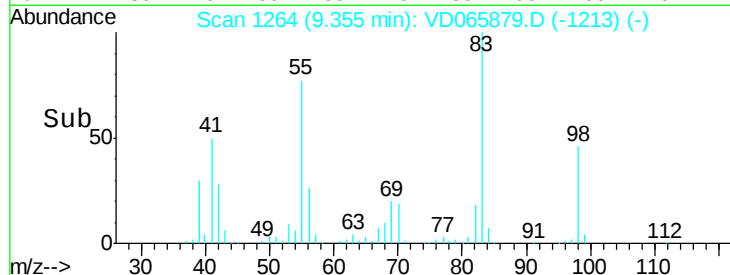
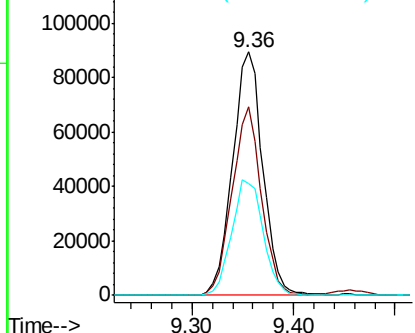
#39
Methvlcvclohexane
Concen: 53.598 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 83 Resp: 185271
Ion Ratio Lower Upper
83 100
55 77.2 62.2 93.4
98 45.8 39.6 59.4

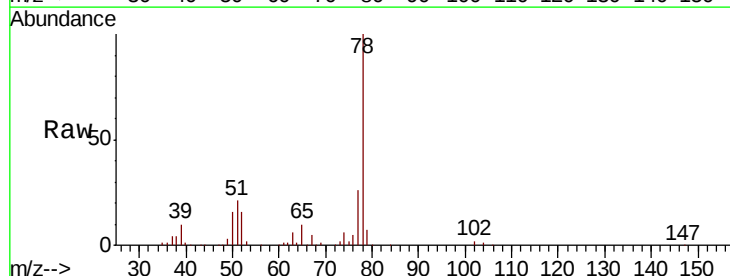


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

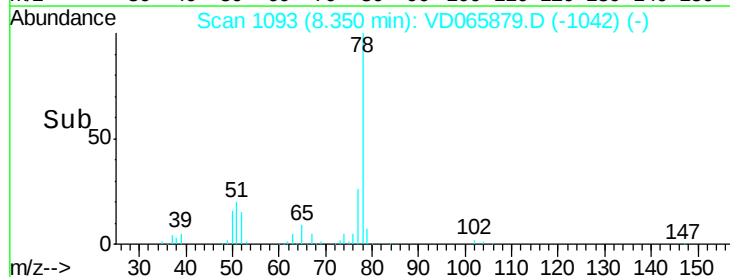
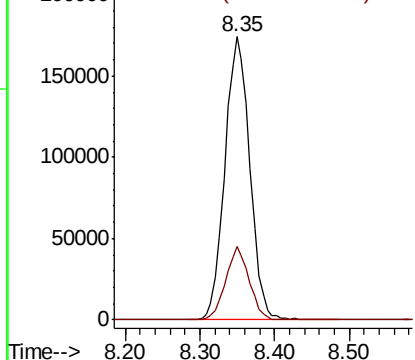


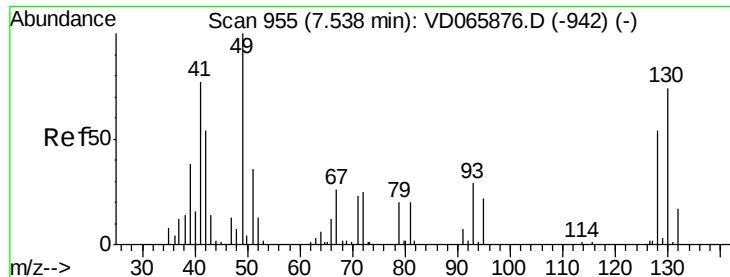
#40
Benzene
Concen: 50.145 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 78 Resp: 404735
Ion Ratio Lower Upper
78 100
77 26.0 18.8 28.2



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

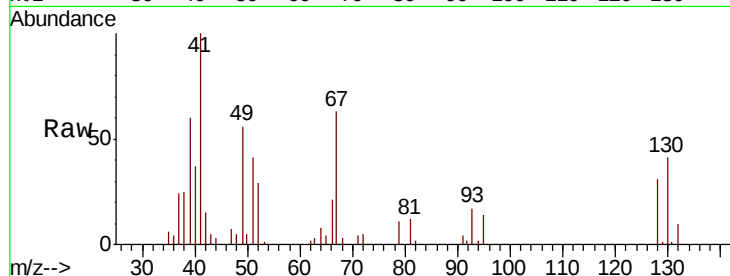




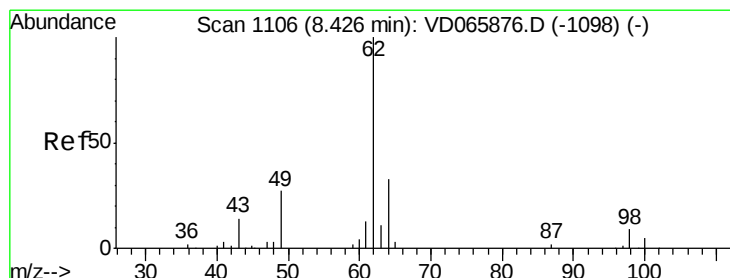
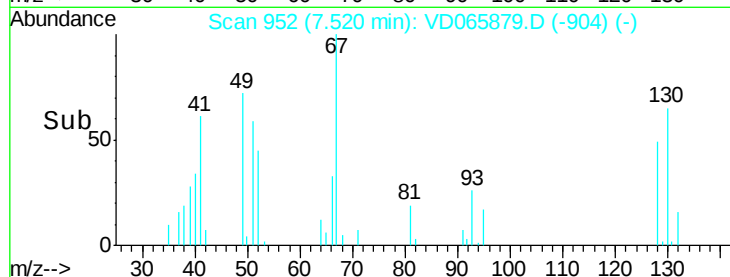
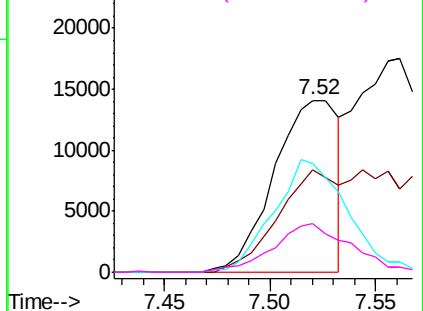
#41
Methacrylonitrile
Concen: 49.131 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 41 Resp: 29985
Ion Ratio Lower Upper
41 100
39 55.0 82.7 124.1#
67 75.1 0.0 0.0#
52 34.1 0.0 0.0#

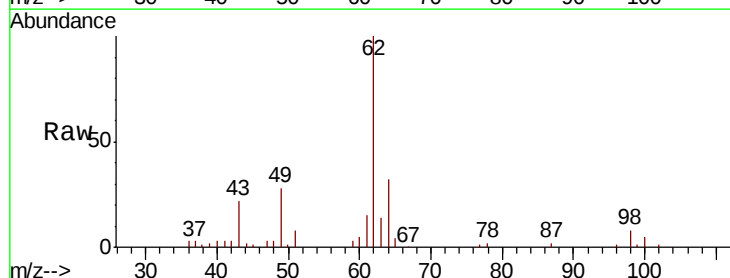


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

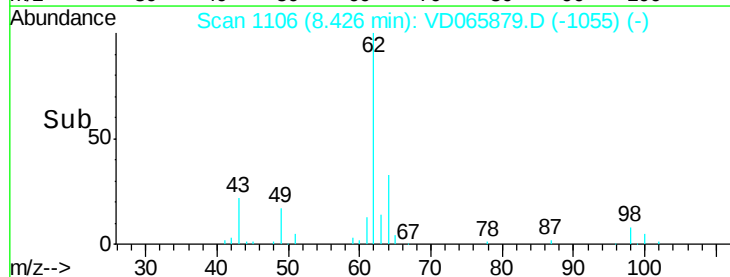
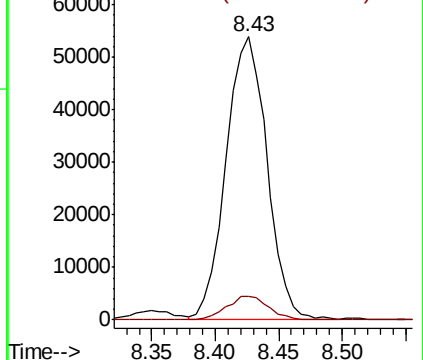


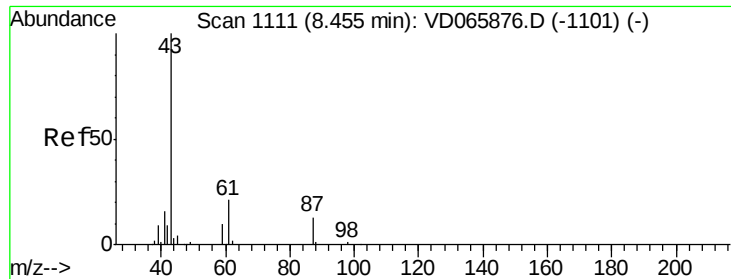
#42
1,2-Dichloroethane
Concen: 50.386 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 62 Resp: 119972
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 49.759 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

BFB

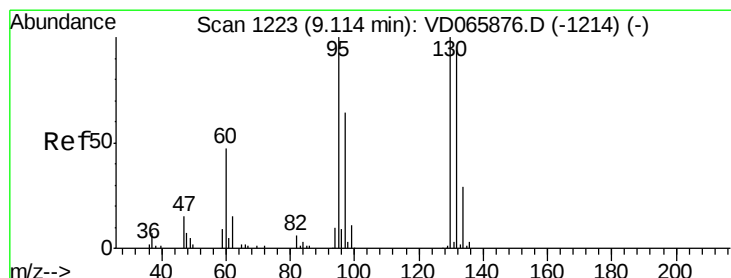
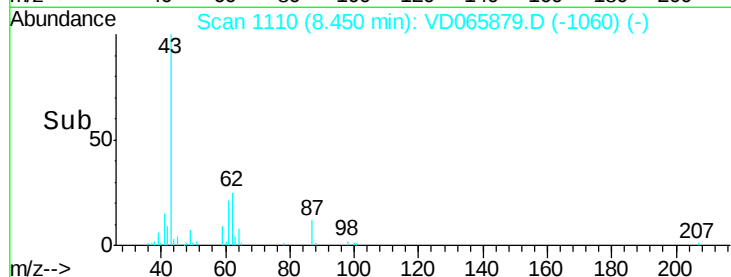
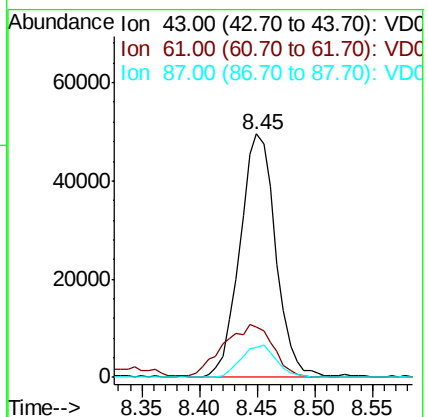
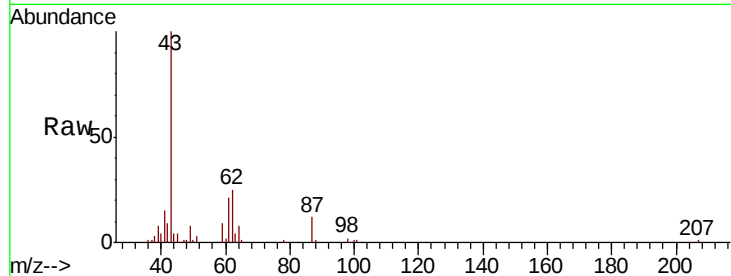
Tot Ion: 43 Resp: 107256

Ion Ratio Lower Upper

43 100

61 30.3 25.2 37.8

87 13.1 10.4 15.6



#44

Trichloroethene

Concen: 50.244 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065879.D

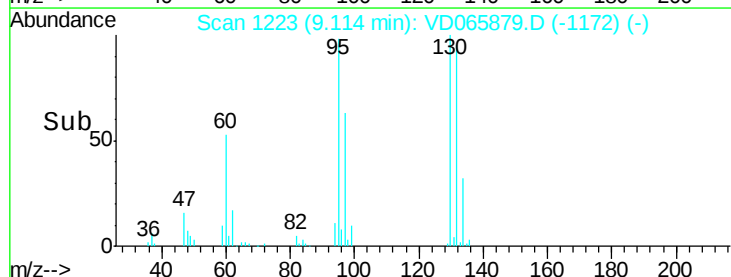
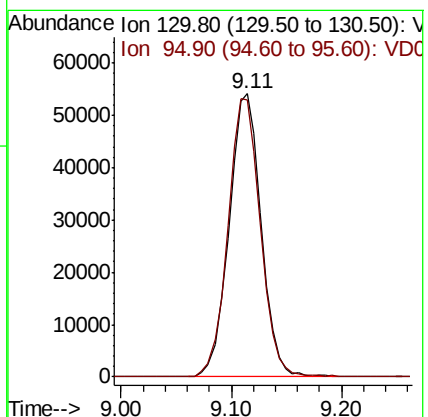
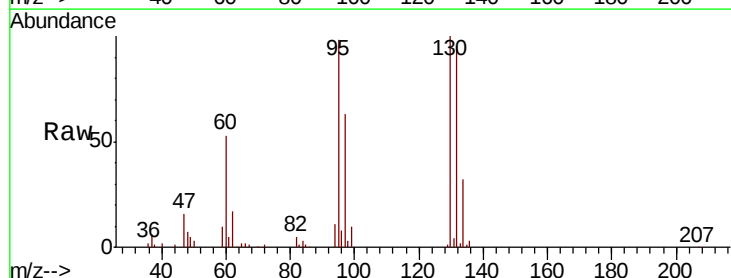
Acq: 26 Jun 2020 13:35

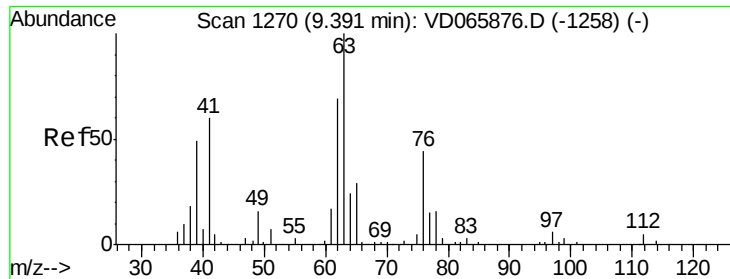
Tgt Ion: 130 Resp: 109860

Ion Ratio Lower Upper

130 100

95 97.8 0.0 200.0





#45

1,2-Dichloropropane

Concen: 48.846 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampled :

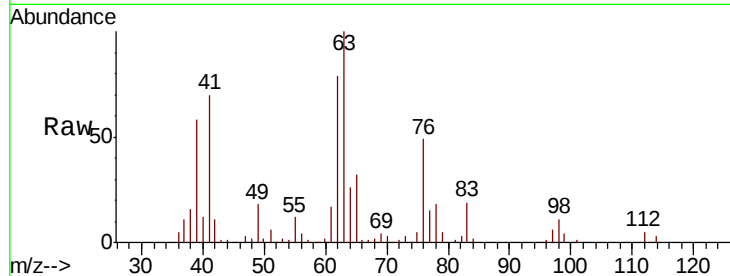
BFB

Tot Ion: 63 Resp: 94441

Ion Ratio Lower Upper

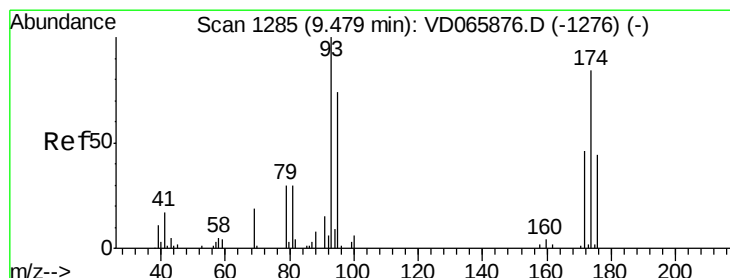
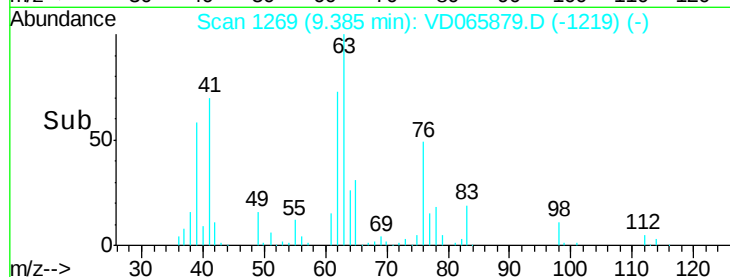
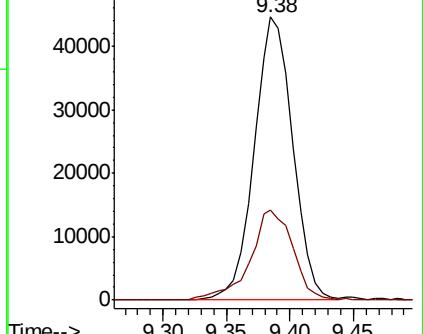
63 100

65 31.7 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 47.850 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

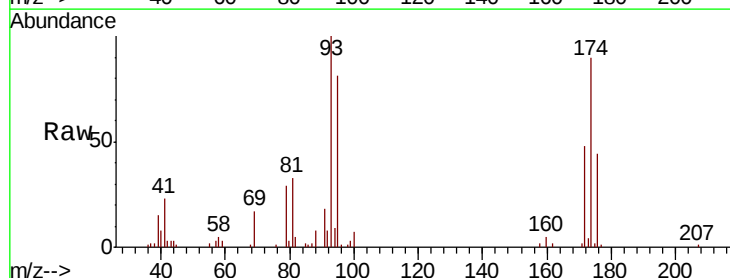
Tgt Ion: 93 Resp: 51283

Ion Ratio Lower Upper

93 100

95 81.3 65.4 98.0

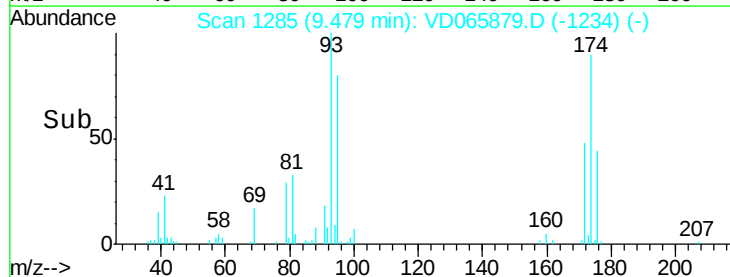
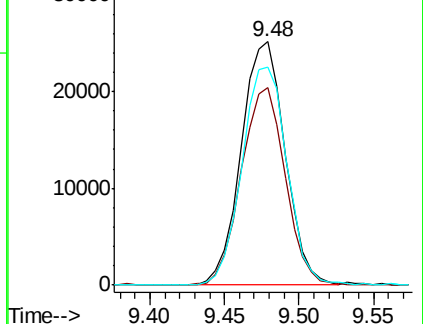
174 91.7 75.2 112.8

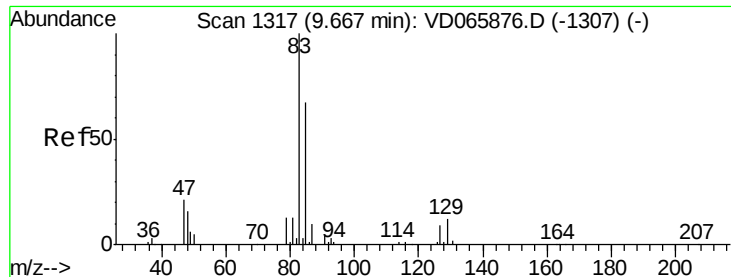


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

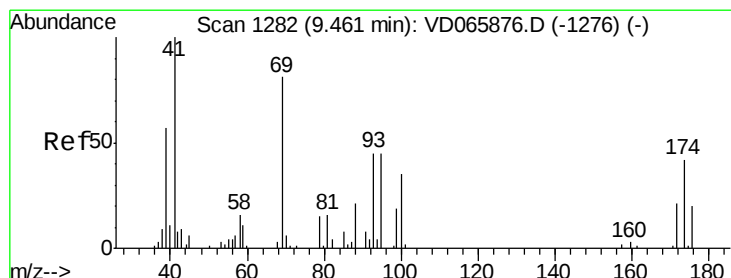
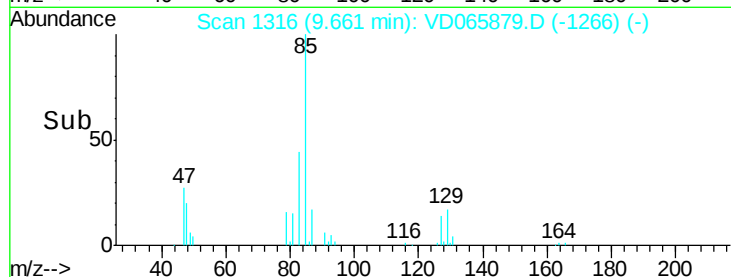
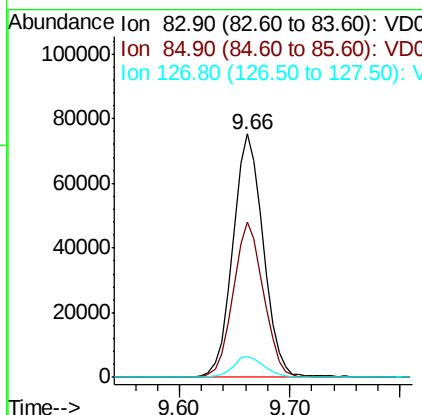
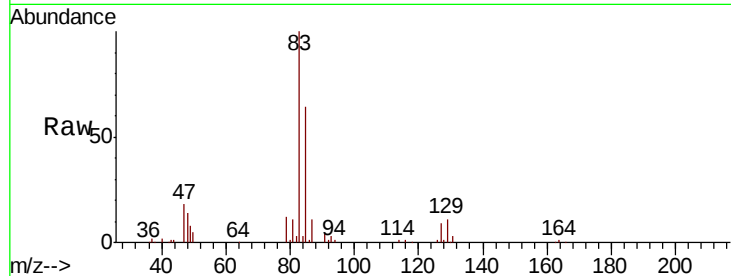




#47
Bromodichloromethane
Concen: 51.217 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

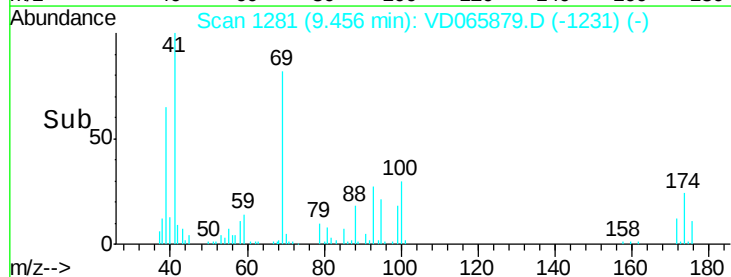
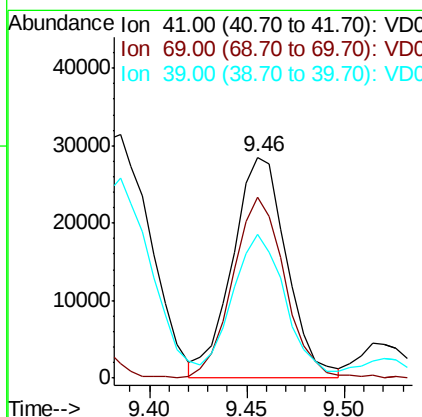
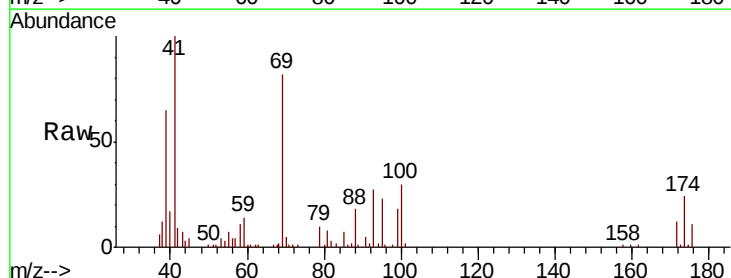
Instrument :
MSVOA_D
ClientSampleId :
BFB

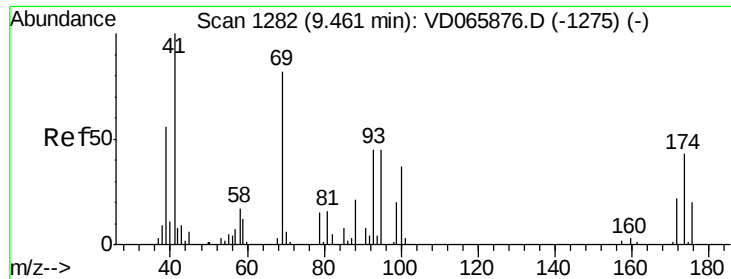
Tot Ion	83	Resp	145860
Ion Ratio	100		
Lower	53.9		
Upper	80.9		
85	63.6		
127	8.8		
	7.0		
	10.4		



#48
Methyl methacrylate
Concen: 51.599 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion	41	Resp	54518
Ion Ratio	100		
Lower	68.3		
Upper	102.5		
69	79.4		
39	57.7		
	54.1		
	81.1		

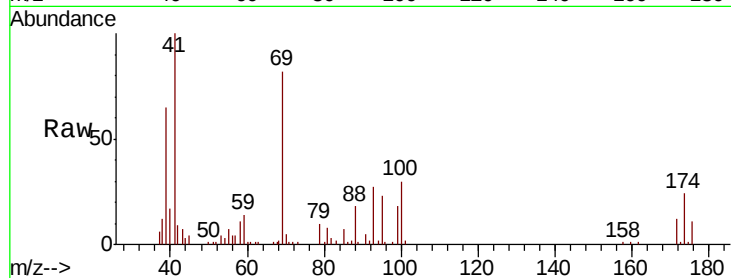




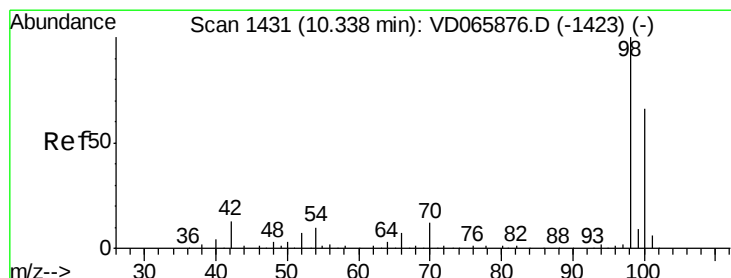
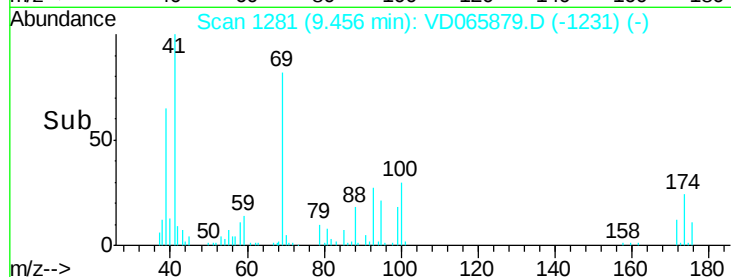
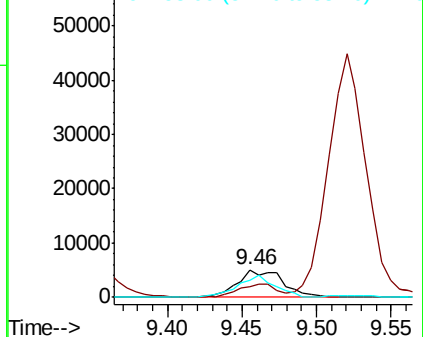
#49
1,4-Dioxane
Concen: 965.498 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion: 88 Resp: 10585
Ion Ratio Lower Upper
88 100
43 42.4 35.8 53.8
58 67.6 58.6 87.8

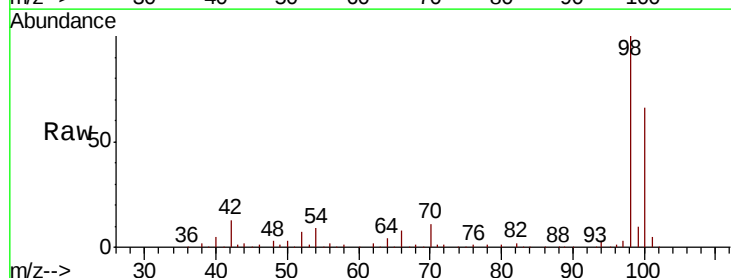


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

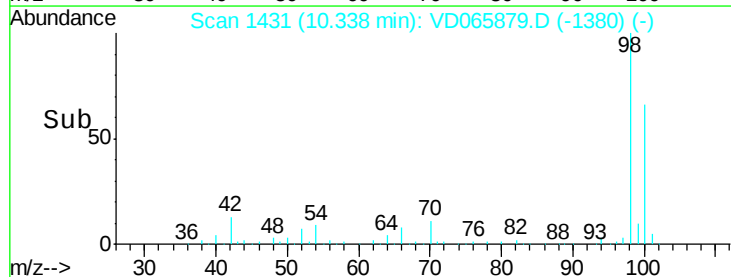
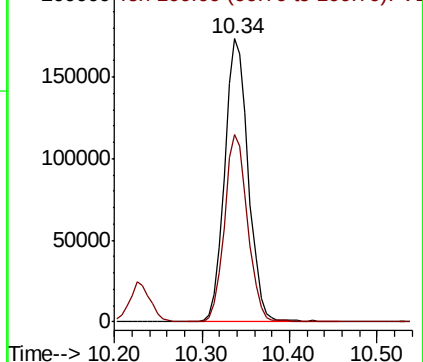


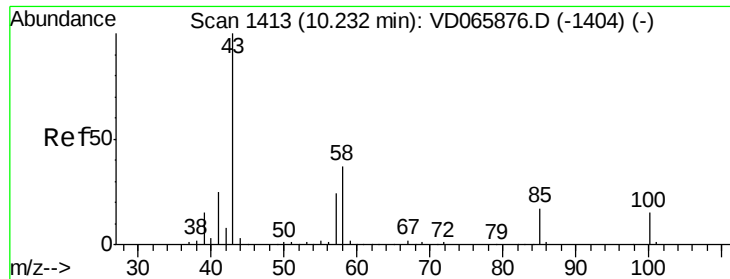
#50
Toluene-d8
Concen: 46.237 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 98 Resp: 320742
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



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: 239.323 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleID :

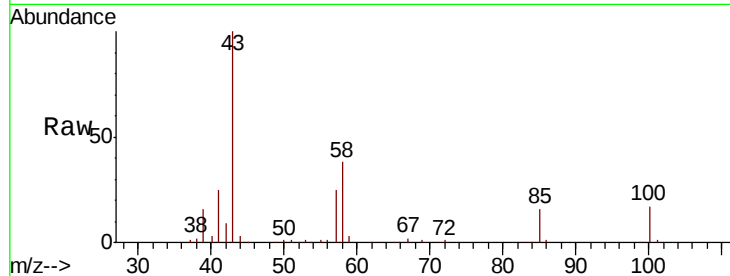
BFB

Tot Ion: 43 Resp: 265911

Ion Ratio Lower Upper

43 100

58 37.2 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

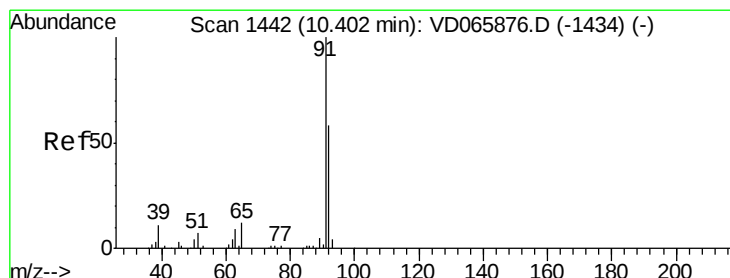
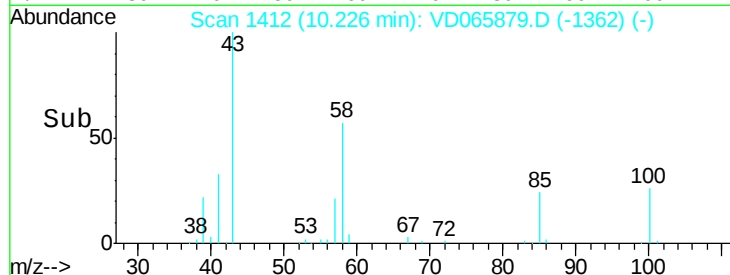
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.667 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD065879.D

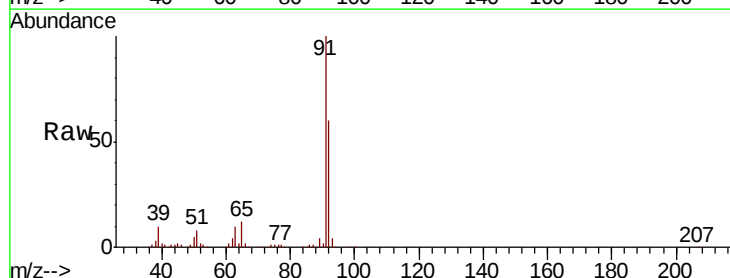
Acq: 26 Jun 2020 13:35

Tgt Ion: 92 Resp: 265877

Ion Ratio Lower Upper

92 100

91 170.2 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

300000

250000

200000

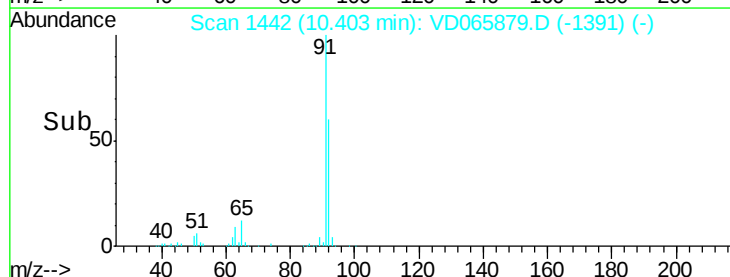
150000

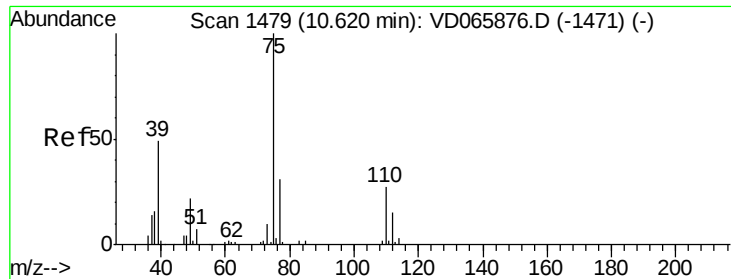
100000

50000

0

Time-->

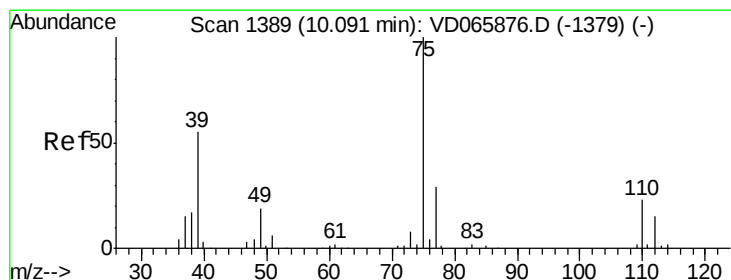
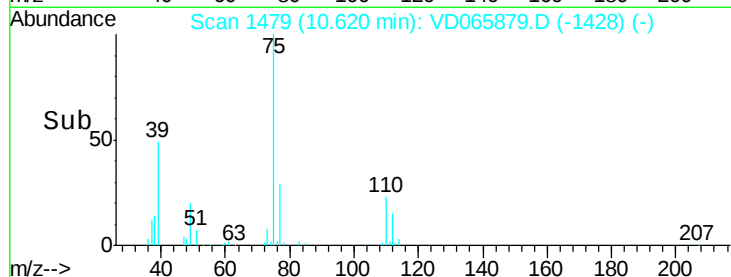
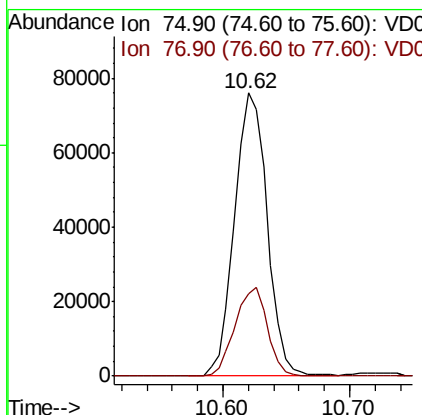
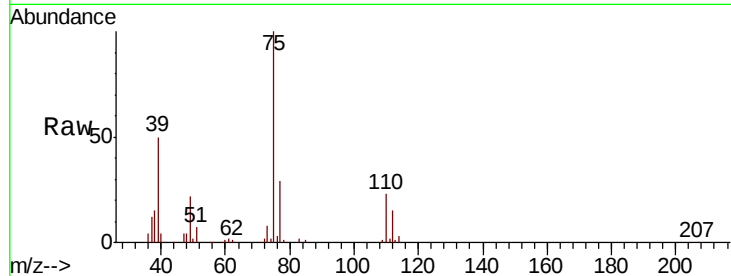




#53
t-1,3-Dichloropropene
Concen: 49.945 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

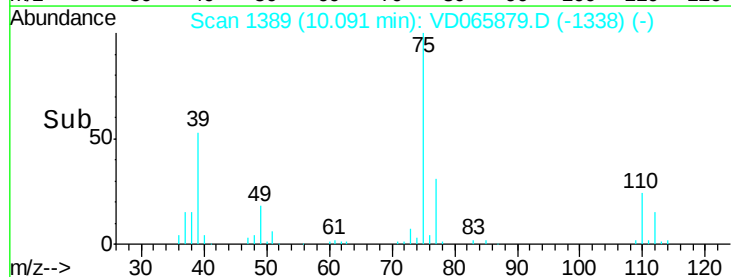
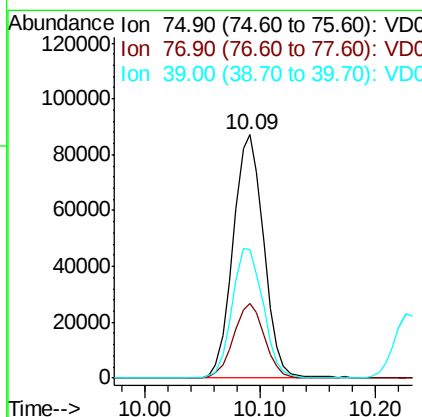
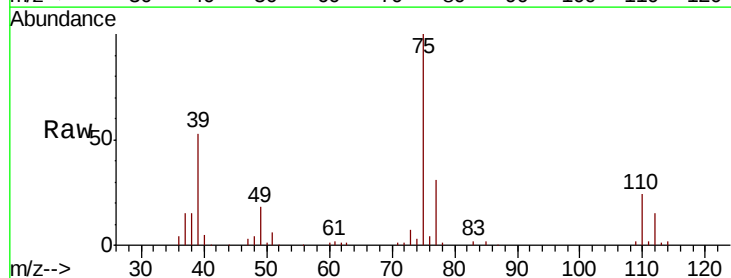
Instrument :
MSVOA_D
ClientSampleId :
BFB

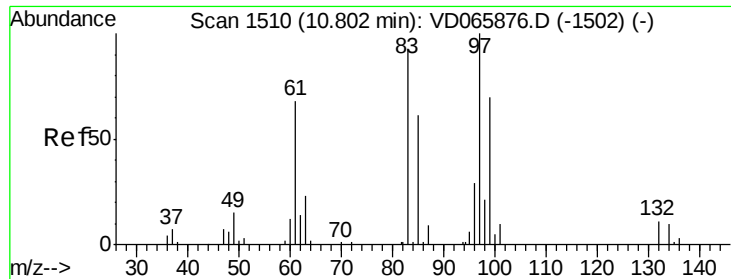
Tot Ion: 75 Resp: 135774
Ion Ratio Lower Upper
75 100
77 29.2 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 50.302 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 75 Resp: 160566
Ion Ratio Lower Upper
75 100
77 30.6 23.4 35.0
39 52.5 43.9 65.9

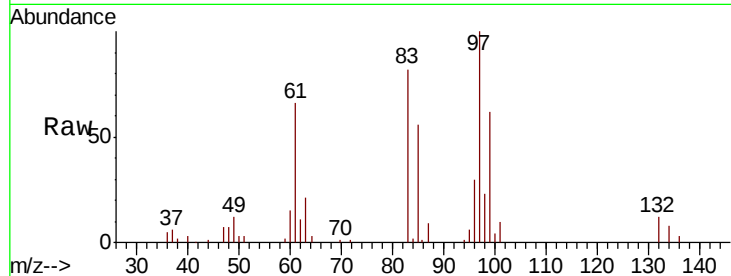




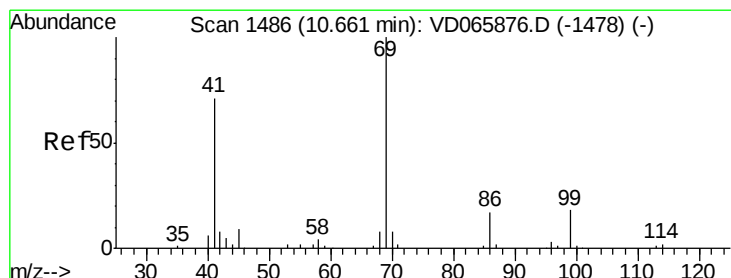
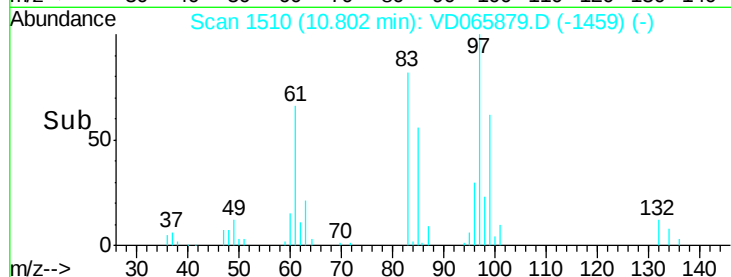
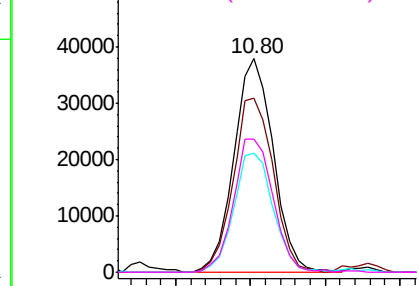
#55
1,1,2-Trichloroethane
Concen: 49.127 ug/l
RT: 10.80 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 97 Resp: 69775
Ion Ratio Lower Upper
97 100
83 81.7 74.2 111.4
85 55.9 48.8 73.2
99 62.2 55.9 83.9

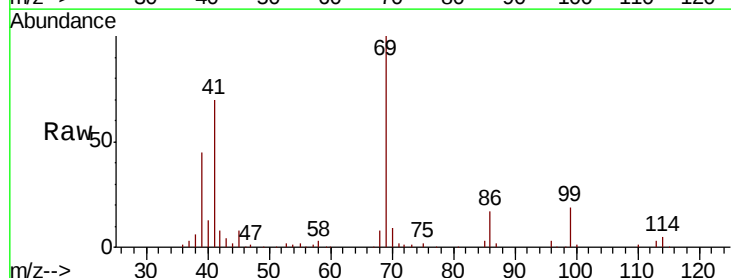


Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 98.90 (98.60 to 99.60): VDC

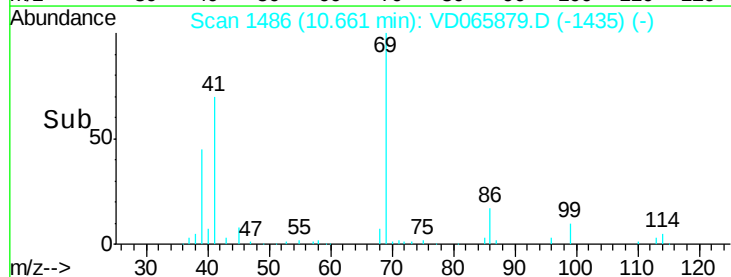
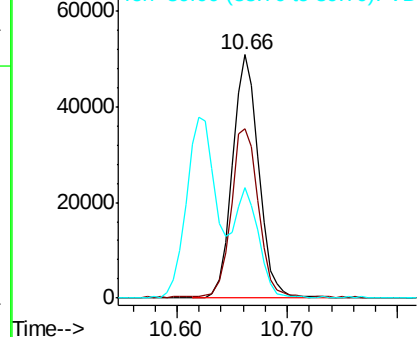


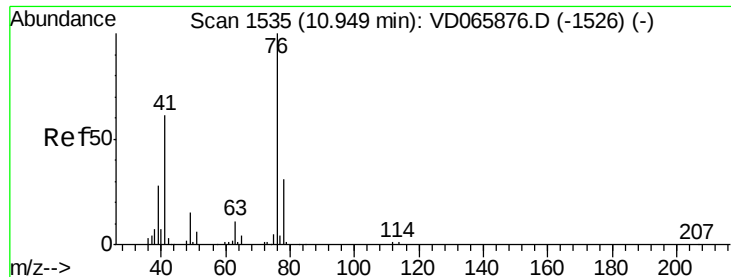
#56
Ethyl methacrylate
Concen: 48.126 ug/l
RT: 10.66 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 69 Resp: 84874
Ion Ratio Lower Upper
69 100
41 73.5 55.4 83.2
39 42.1 33.0 49.4



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

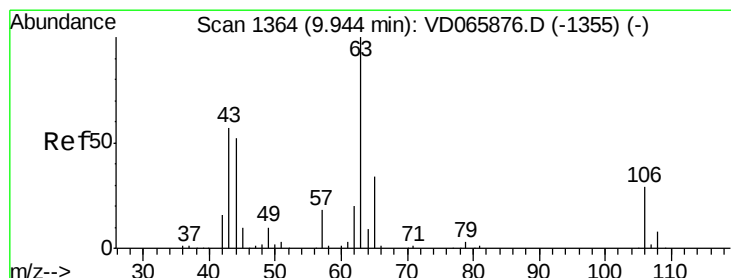
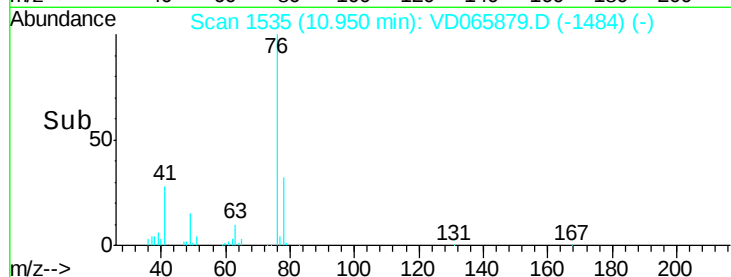
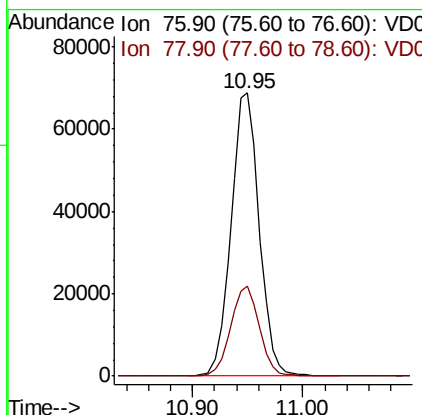
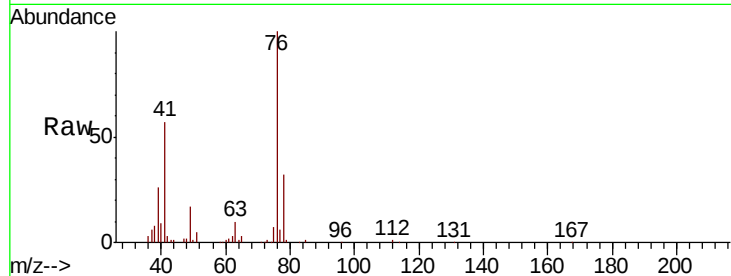




#57
 1,3-Dichloropropane
 Concen: 49.261 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

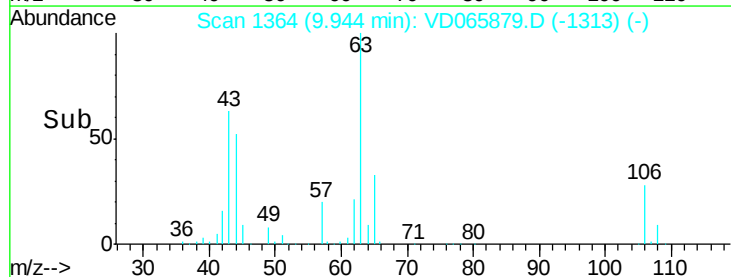
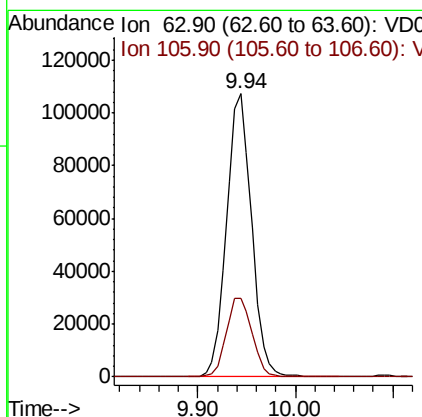
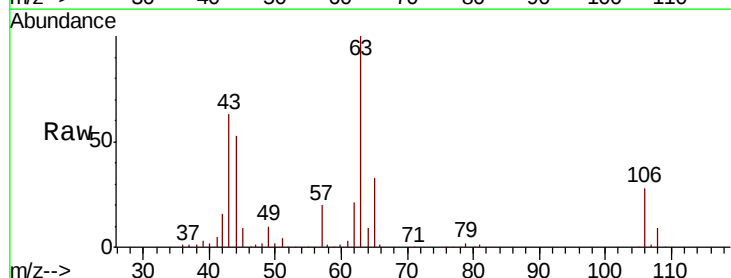
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

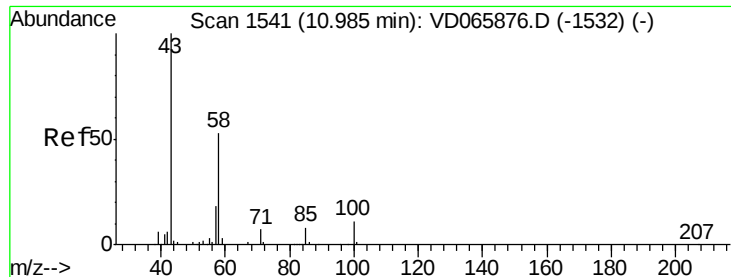
Tot Ion: 76 Resp: 122728
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.1 37.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.611 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

Tgt Ion: 63 Resp: 190634
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.6 34.0

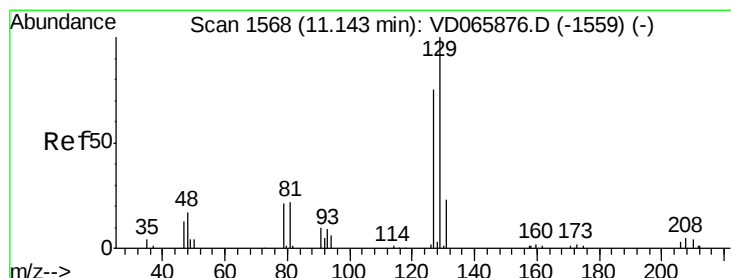
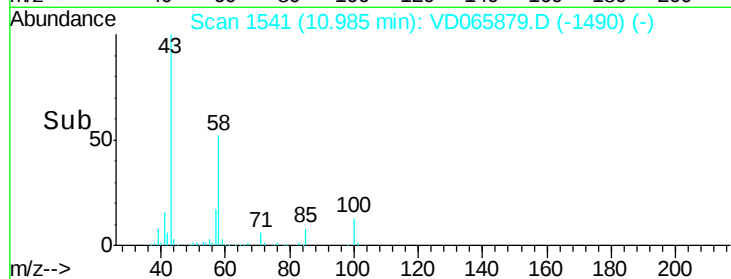
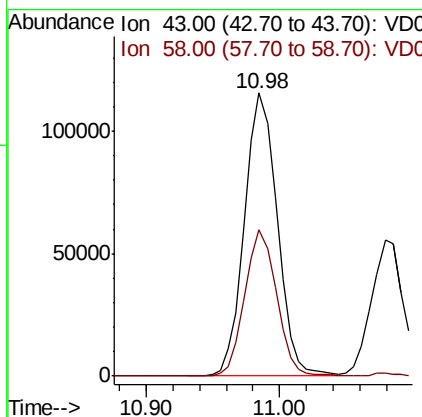
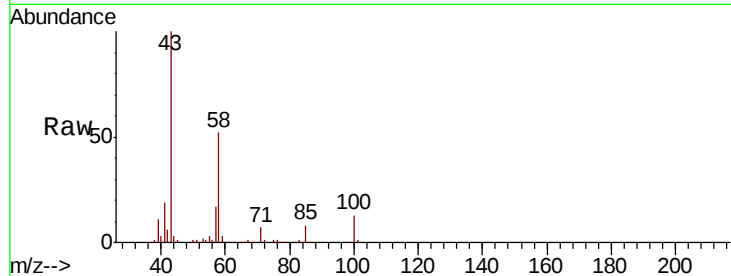




#59
2-Hexanone
Concen: 252.424 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

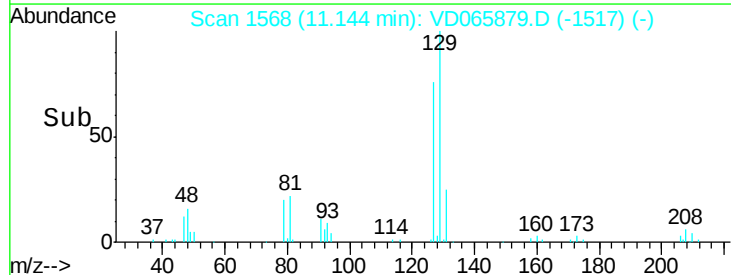
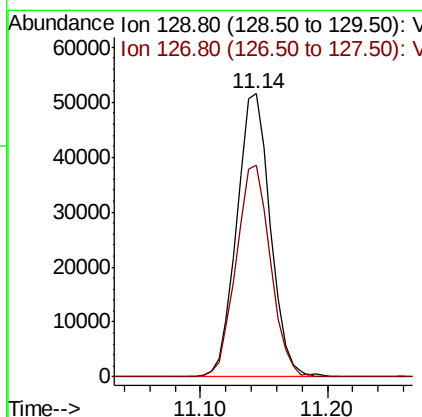
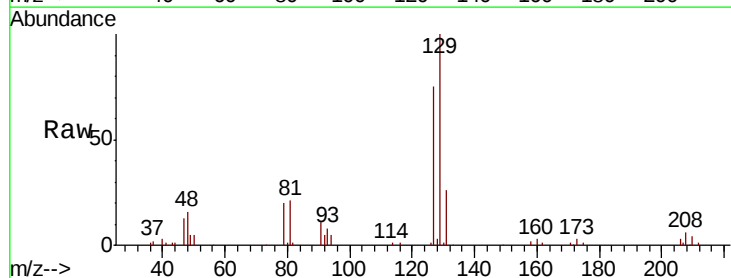
Instrument :
MSVOA_D
ClientSampleId :
BFB

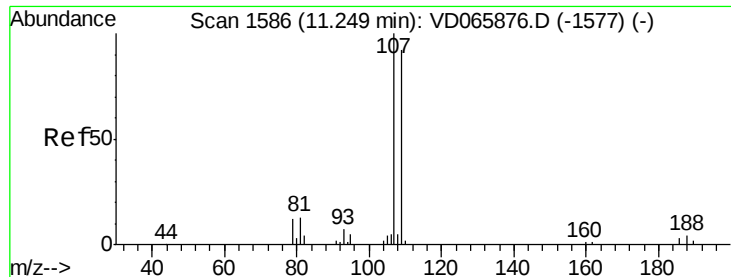
Tot Ion: 43 Resp: 196594
Ion Ratio Lower Upper
43 100
58 50.2 26.1 78.3



#60
Dibromochloromethane
Concen: 48.830 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 129 Resp: 94729
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2

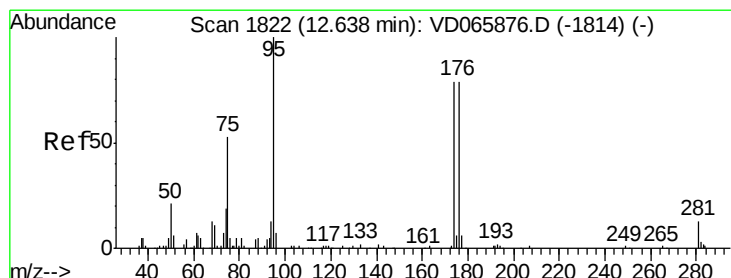
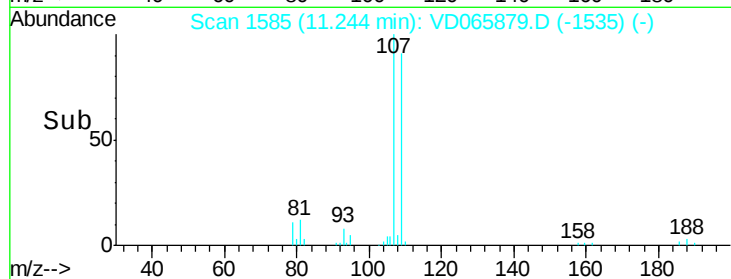
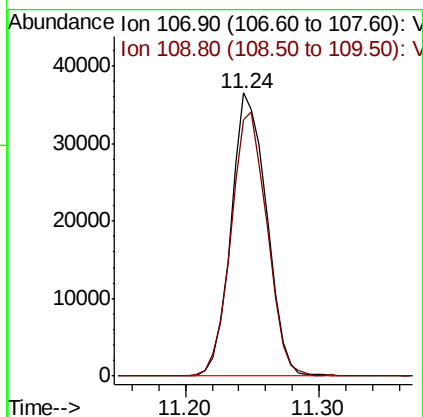
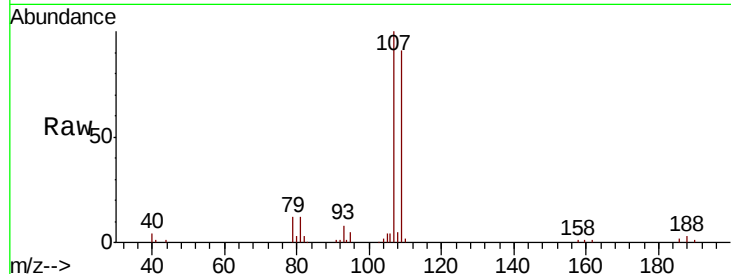




#61
 1,2-Dibromoethane
 Concen: 48.499 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

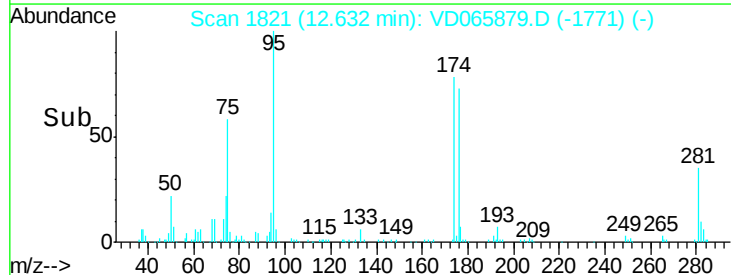
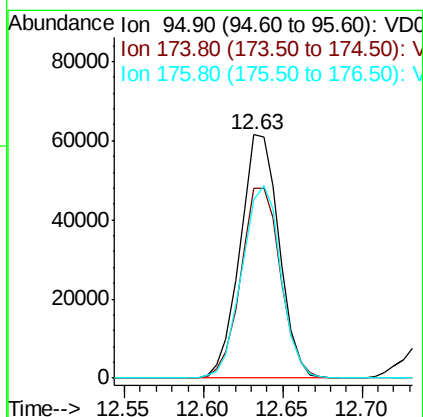
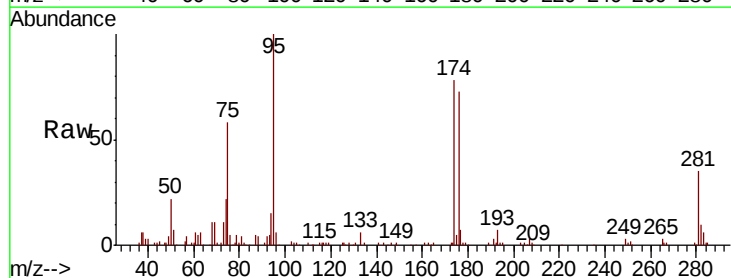
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

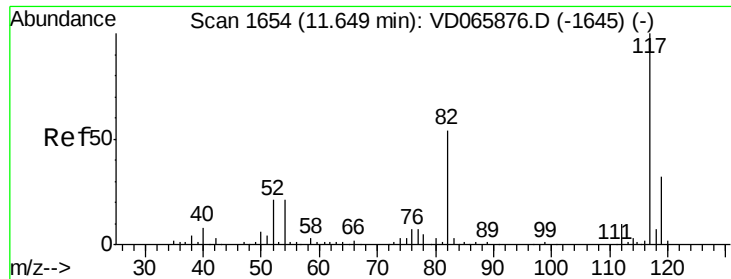
Tot Ion: 107 Resp: 67418
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 46.300 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

Tgt Ion: 95 Resp: 105217
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 158.4
 176 78.9 0.0 156.0

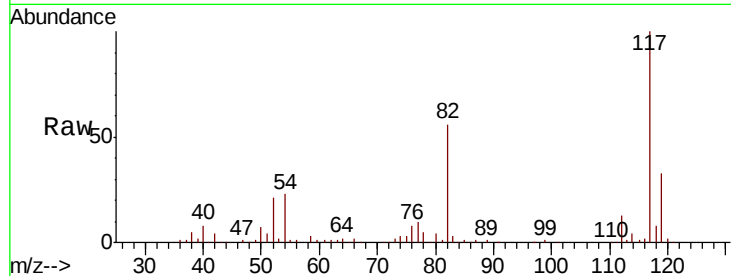




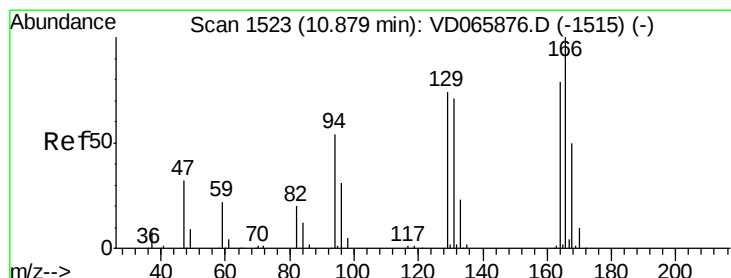
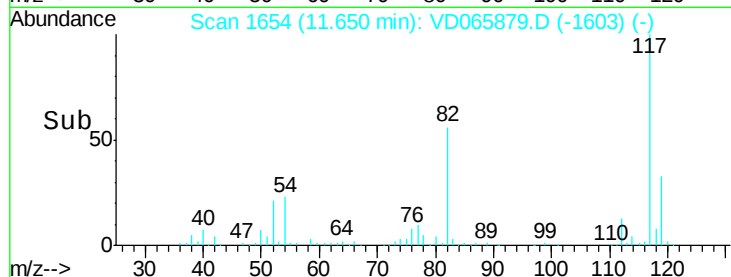
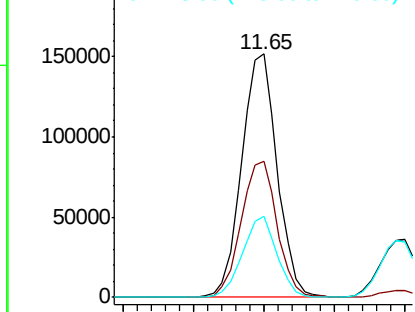
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion:117 Resp: 266944
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 33.5 25.9 38.9

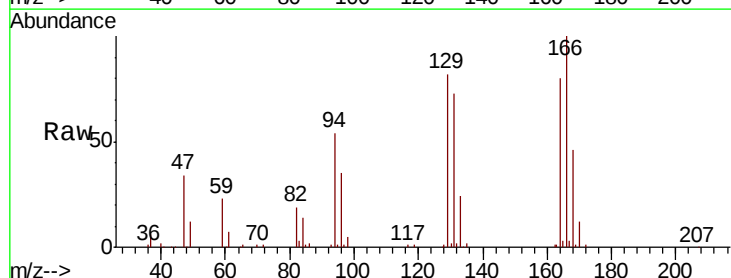


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

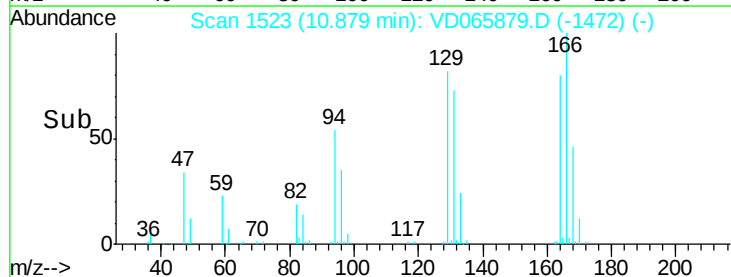
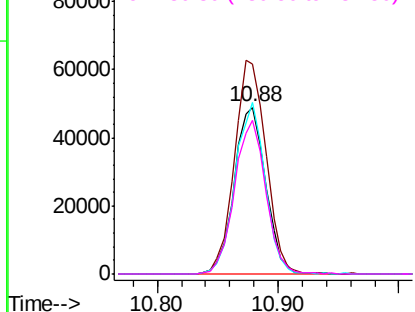


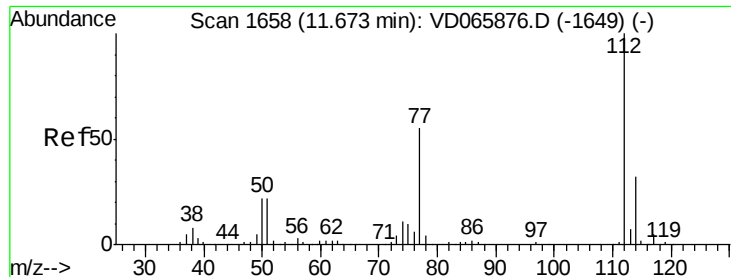
#64
Tetrachloroethene
Concen: 51.321 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion:164 Resp: 89460
Ion Ratio Lower Upper
164 100
166 125.5 101.3 151.9
129 103.0 74.5 111.7
131 91.9 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

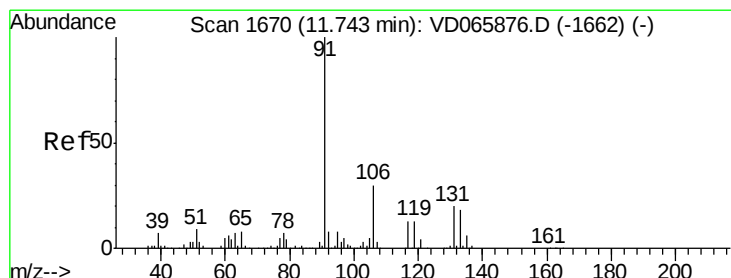
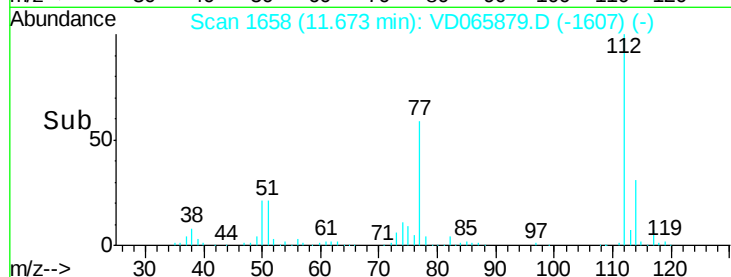
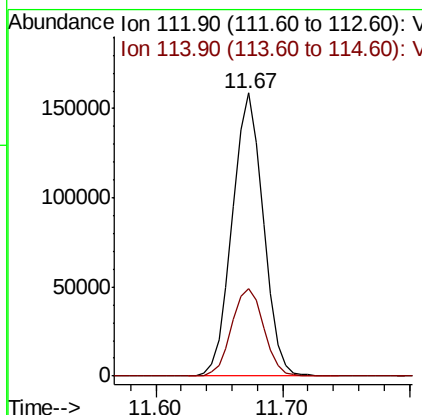
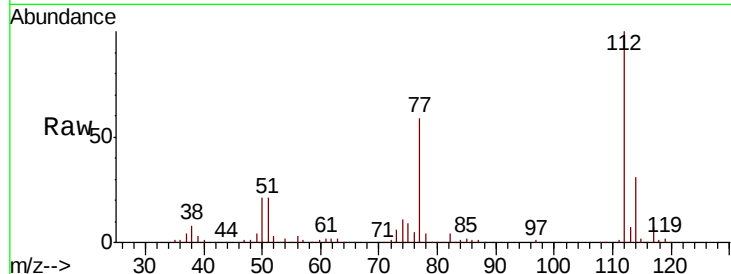




#65
Chlorobenzene
Concen: 50.648 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

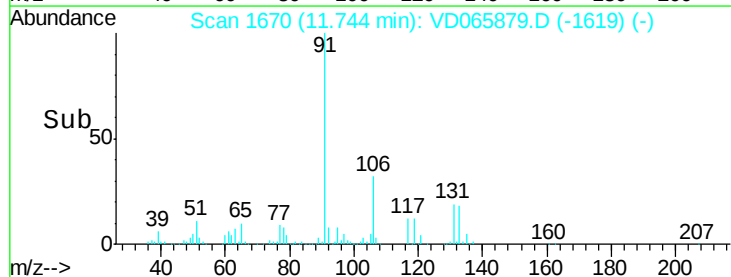
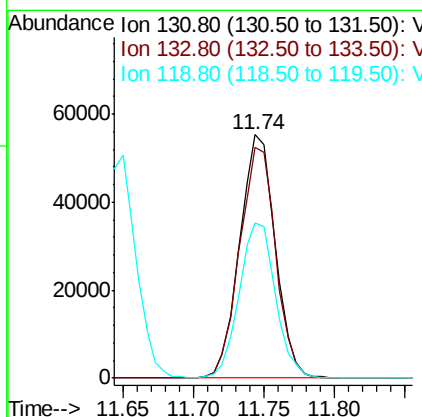
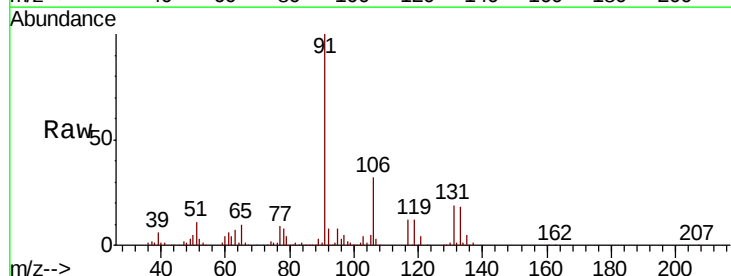
Instrument :
MSVOA_D
ClientSampleId :
BFB

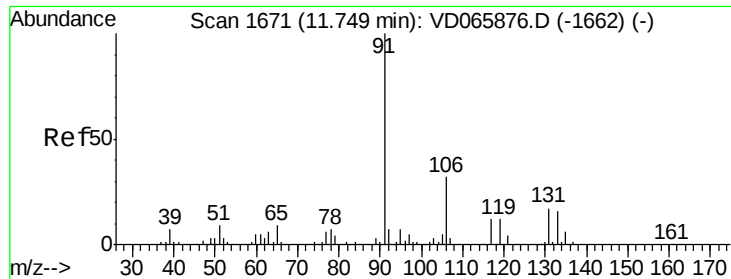
Tot Ion:112 Resp: 268181
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.513 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion:131 Resp: 97665
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 65.2 33.0 98.9

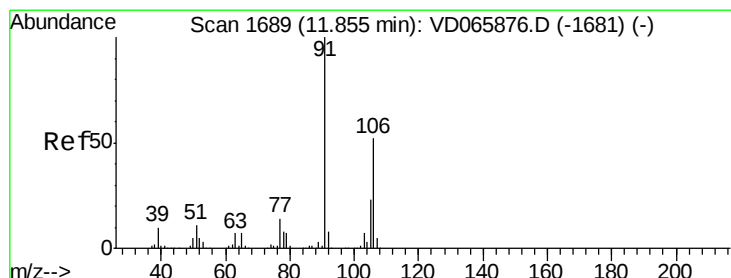
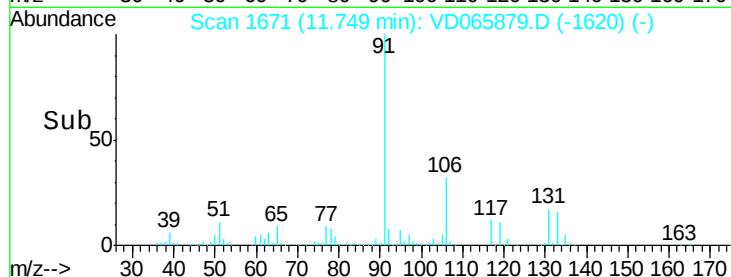
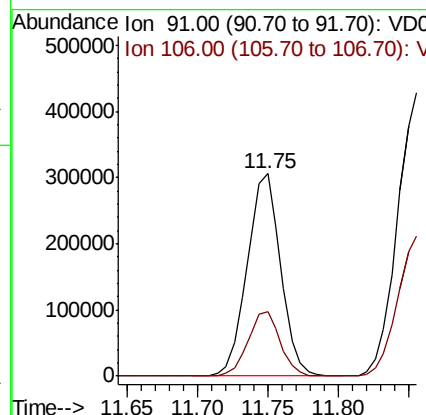
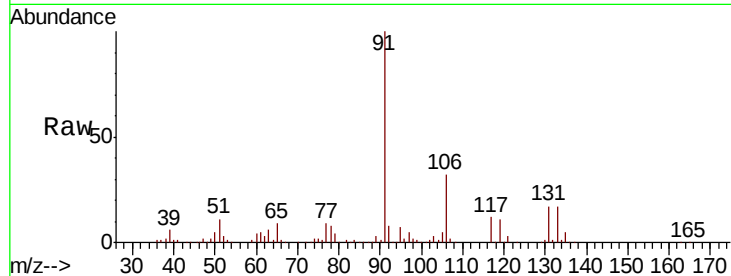




#67
Ethyl Benzene
Concen: 51.631 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

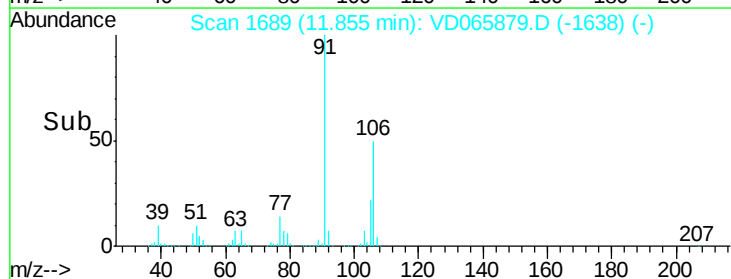
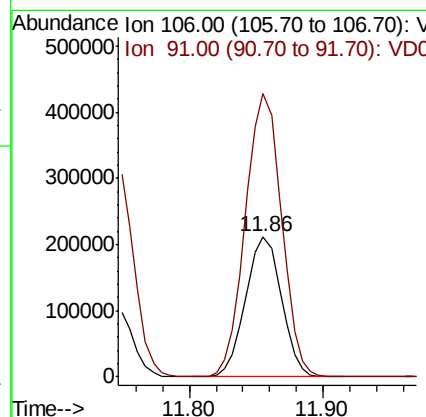
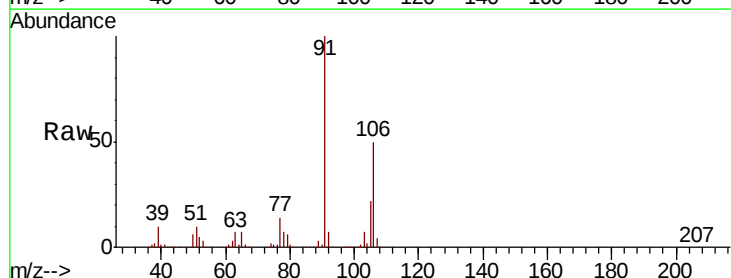
Instrument :
MSVOA_D
ClientSampled :
BFB

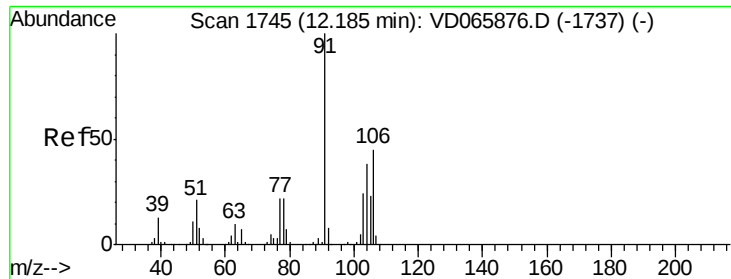
Tot Ion: 91 Resp: 507750
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 105.476 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 106 Resp: 394927
Ion Ratio Lower Upper
106 100
91 203.4 159.5 239.3

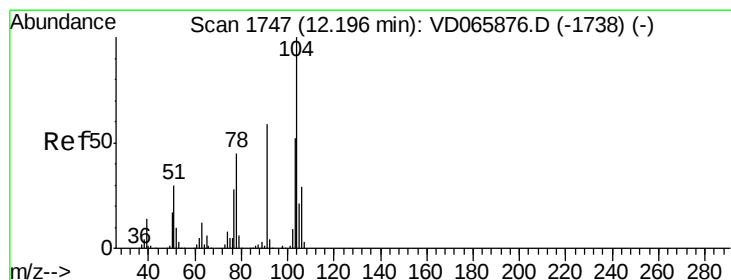
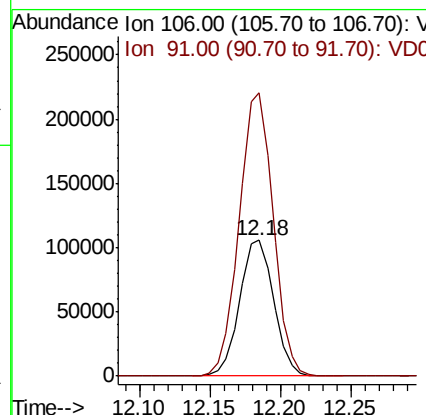
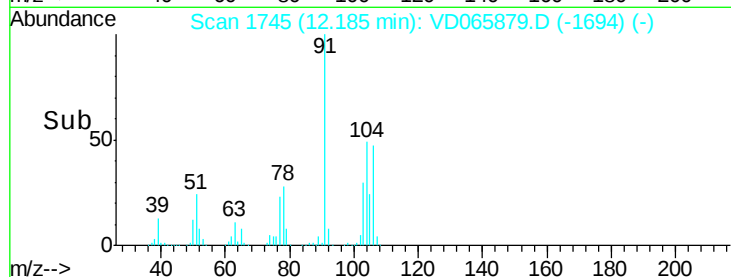
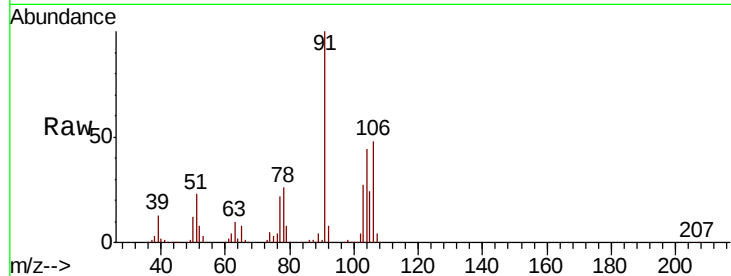




#69
o-Xylene
Concen: 53.103 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

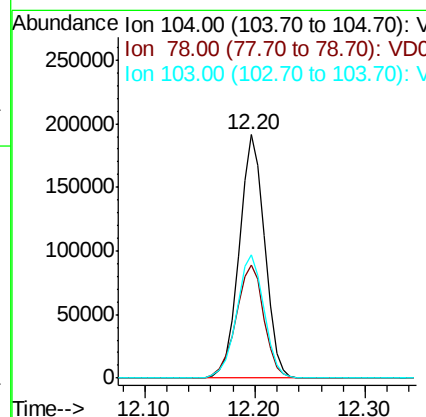
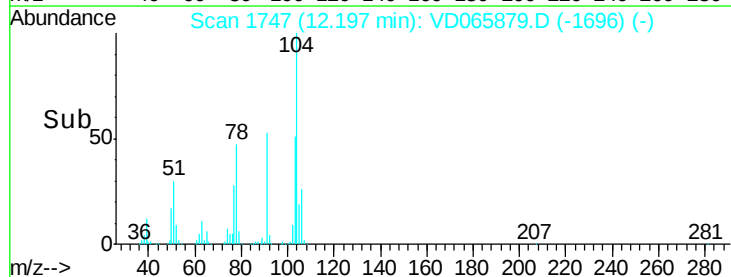
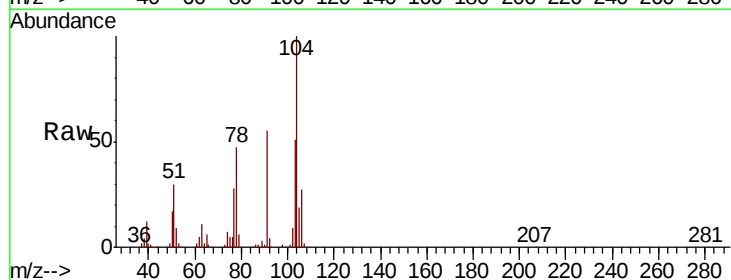
Instrument :
MSVOA_D
ClientSampled :
BFB

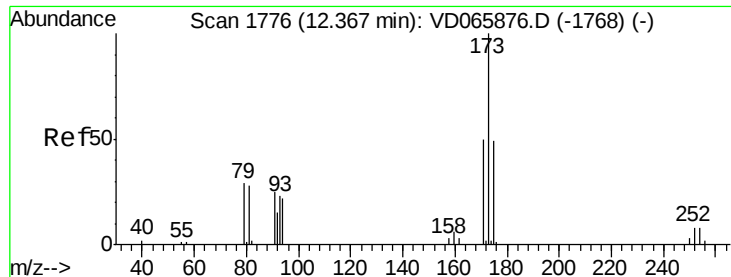
Tot Ion:106 Resp: 178674
Ion Ratio Lower Upper
106 100
91 208.1 107.5 322.6



#70
Styrene
Concen: 52.688 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion:104 Resp: 309981
Ion Ratio Lower Upper
104 100
78 50.9 39.8 59.6
103 54.5 44.6 66.8

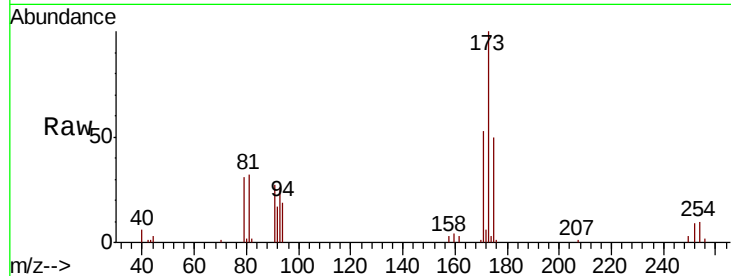




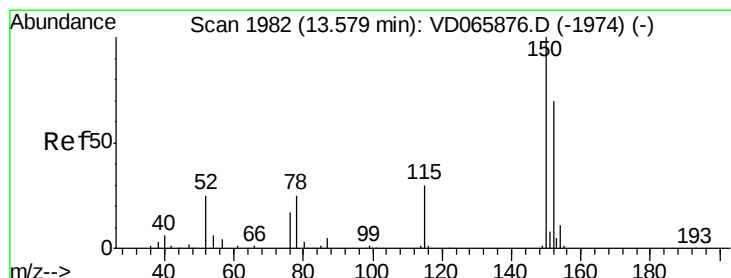
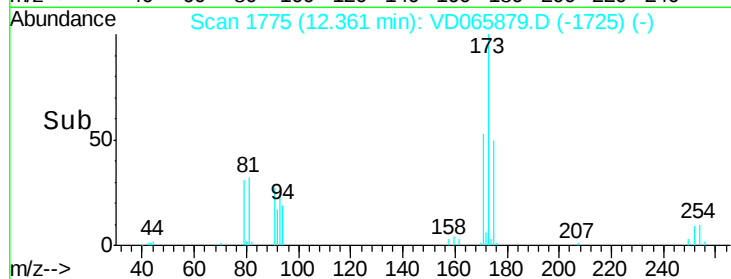
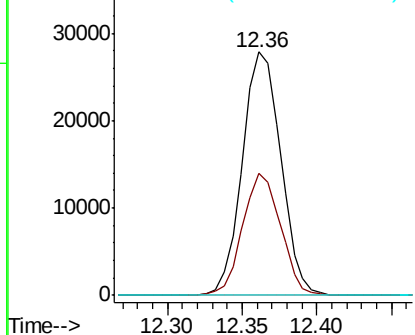
#71
Bromoform
Concen: 47.648 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion:173 Resp: 49913
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.8
254 0.0 0.0 0.0

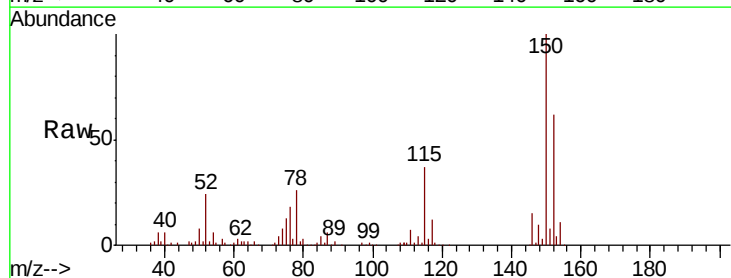


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

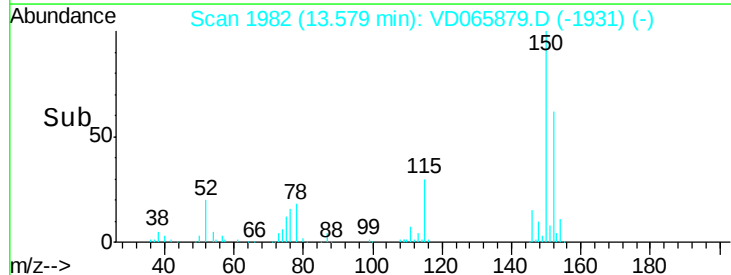
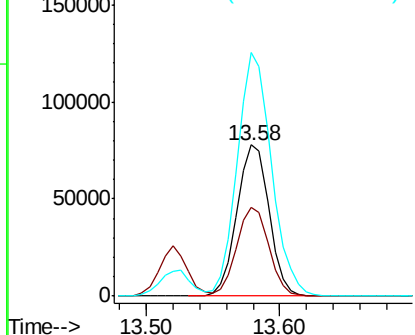


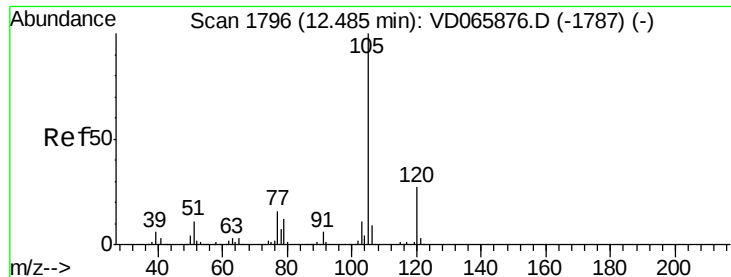
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion:152 Resp: 129685
Ion Ratio Lower Upper
152 100
115 58.5 29.7 89.1
150 172.1 0.0 346.2



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





#73

Isopropylbenzene

Concen: 53.227 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

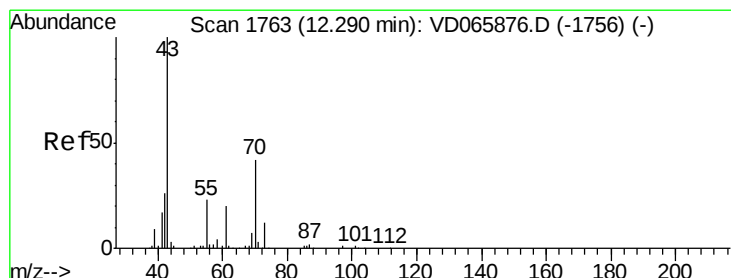
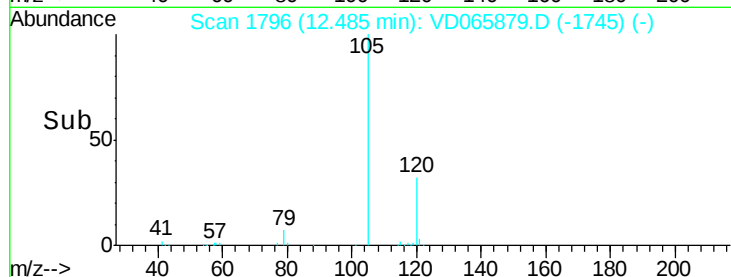
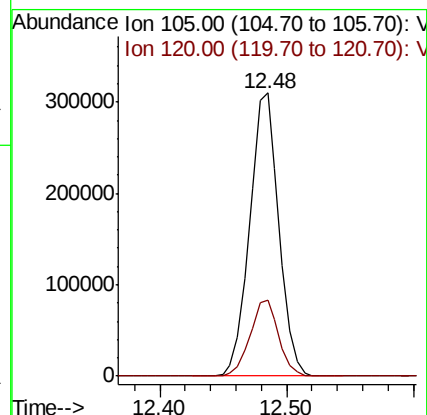
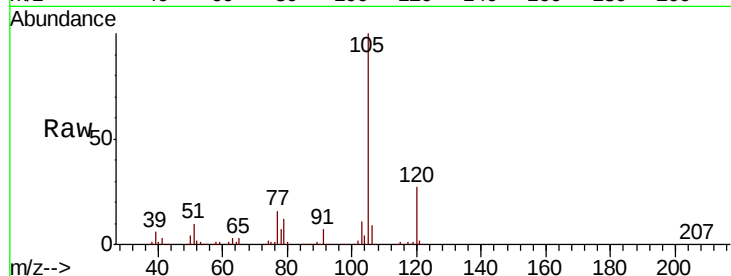
BFB

Tot Ion:105 Resp: 494394

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 48.891 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Tgt Ion: 43 Resp: 100332

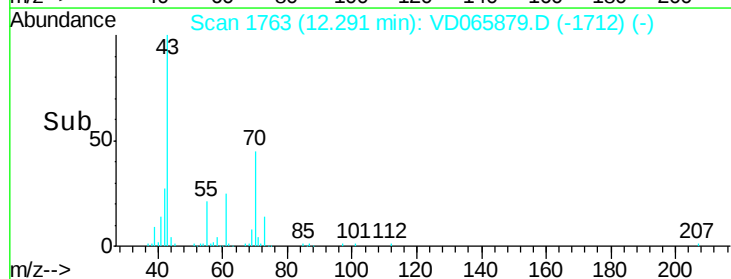
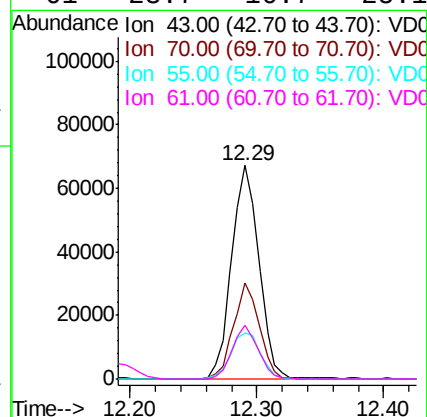
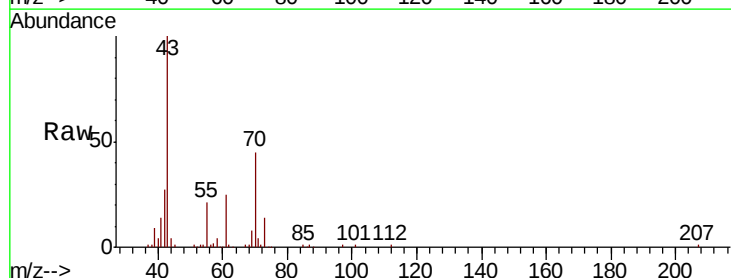
Ion Ratio Lower Upper

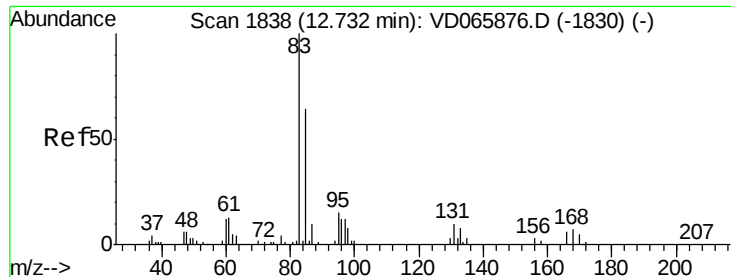
43 100

70 42.2 32.5 48.7

55 23.2 18.7 28.1

61 23.7 16.7 25.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.616 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

BFB

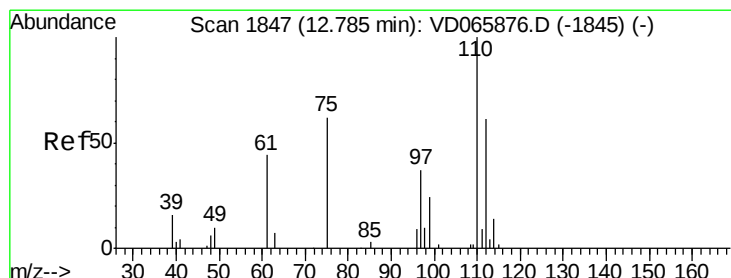
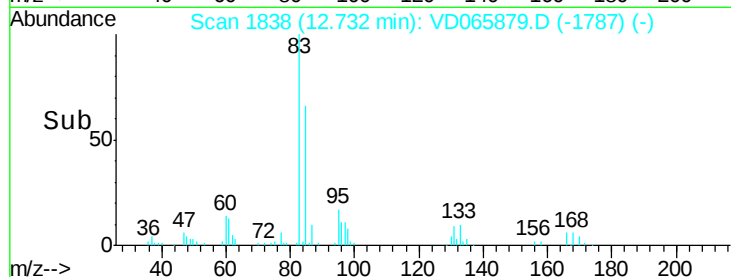
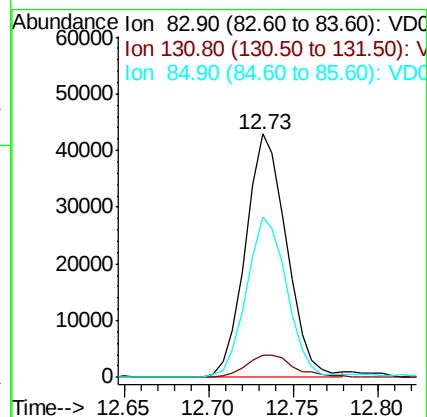
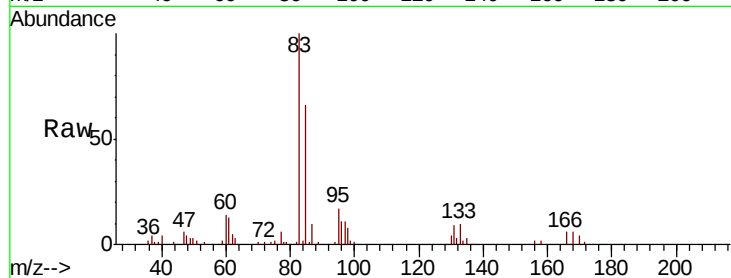
Tot Ion: 83 Resp: 72802

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

85 64.8 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 88.542 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD065879.D

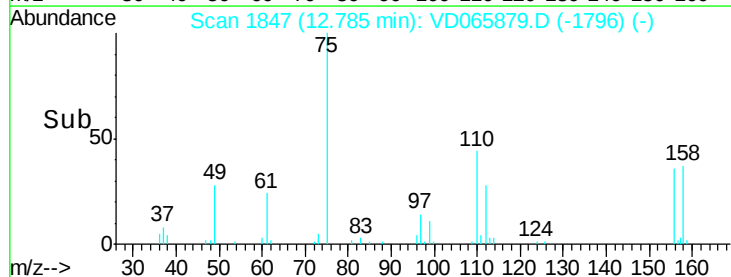
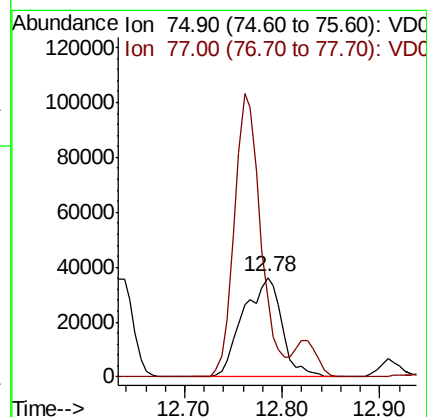
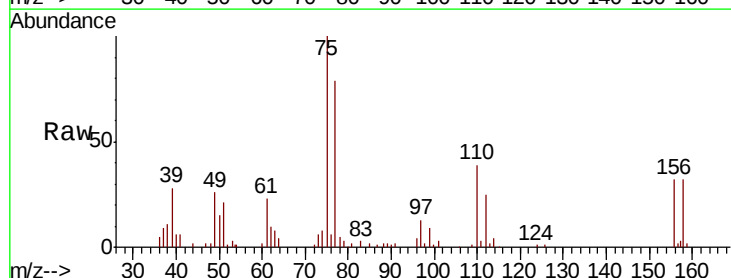
Acq: 26 Jun 2020 13:35

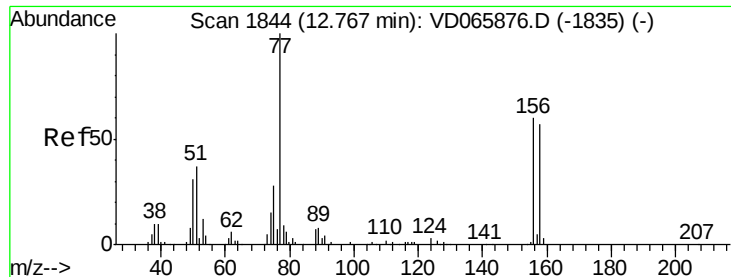
Tgt Ion: 75 Resp: 100475

Ion Ratio Lower Upper

75 100

77 0.0 168.5 505.5#





#77

Bromobenzene

Concen: 49.649 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleId :

BFB

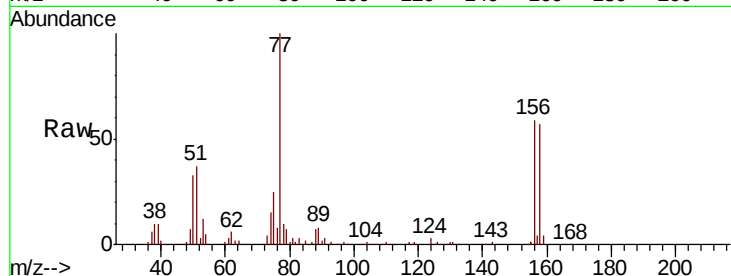
Tot Ion:156 Resp: 103683

Ion Ratio Lower Upper

156 100

77 186.9 90.5 271.5

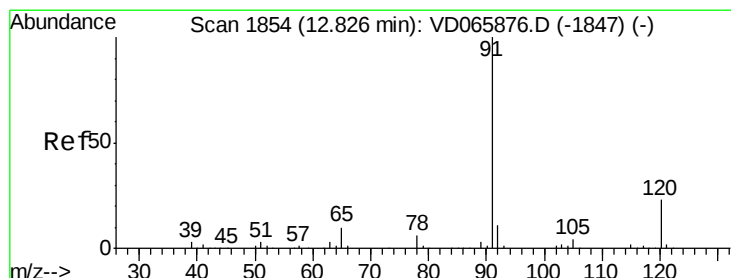
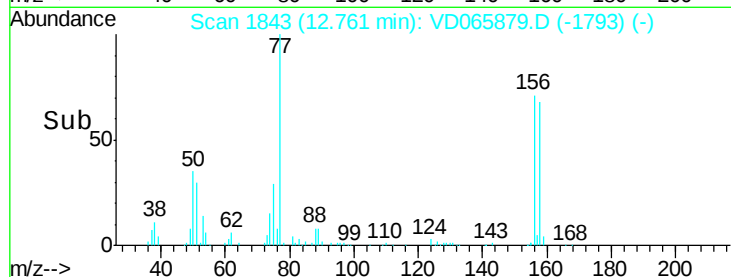
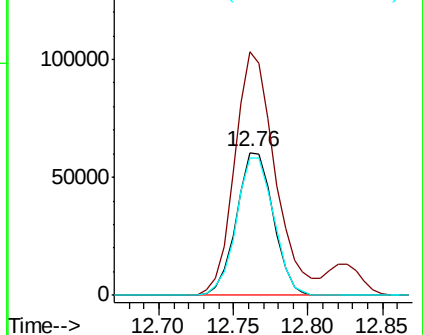
158 98.2 48.2 144.6



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: 53.062 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065879.D

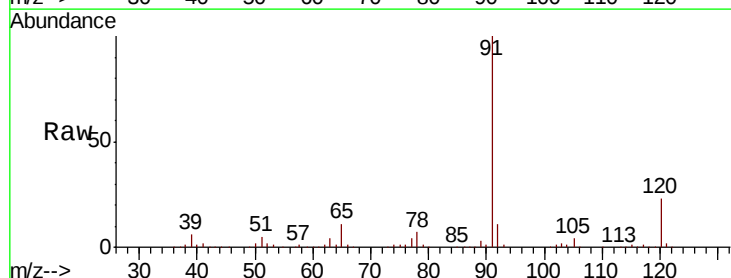
Acq: 26 Jun 2020 13:35

Tgt Ion: 91 Resp: 593779

Ion Ratio Lower Upper

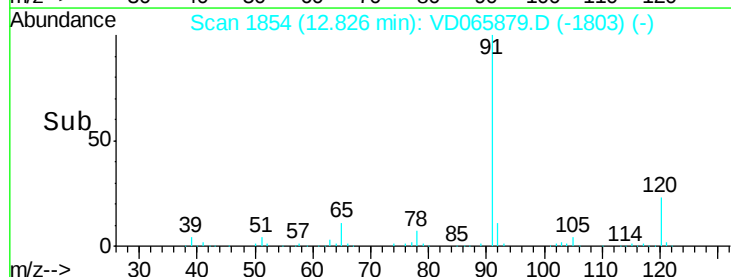
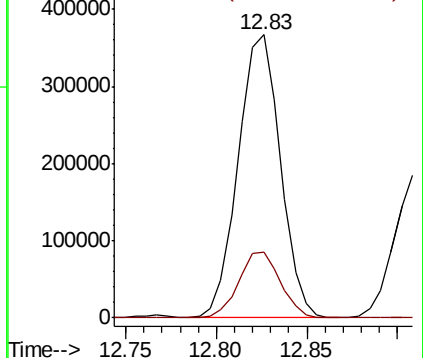
91 100

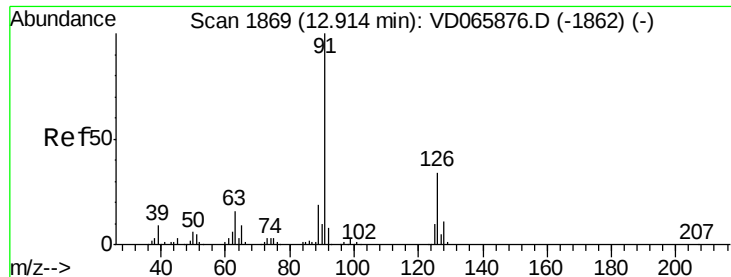
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

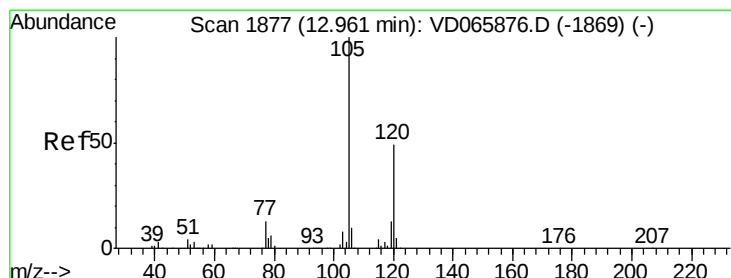
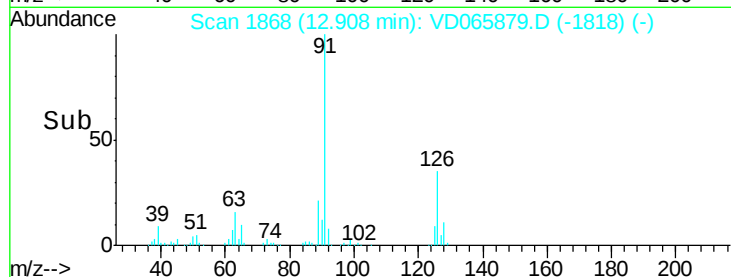
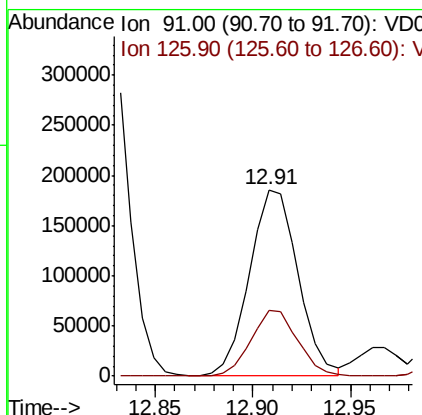
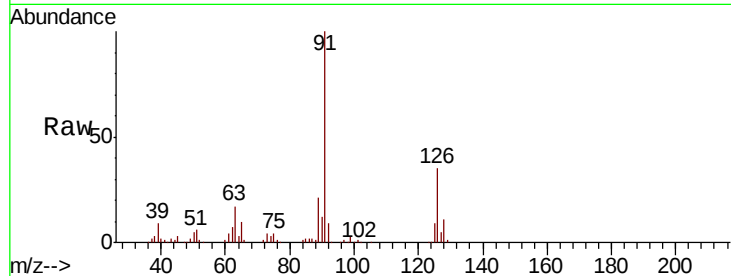




#79
 2-Chlorotoluene
 Concen: 51.897 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

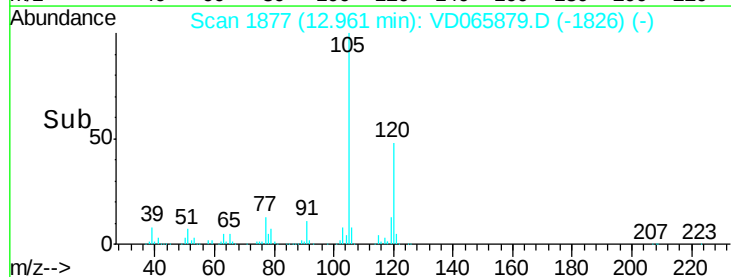
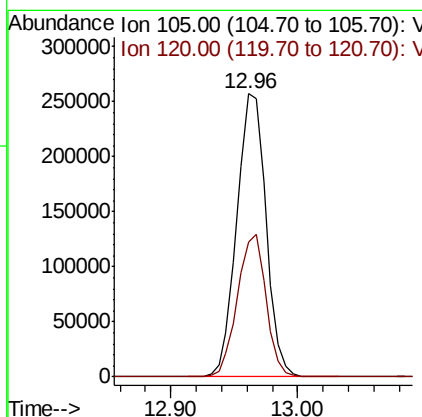
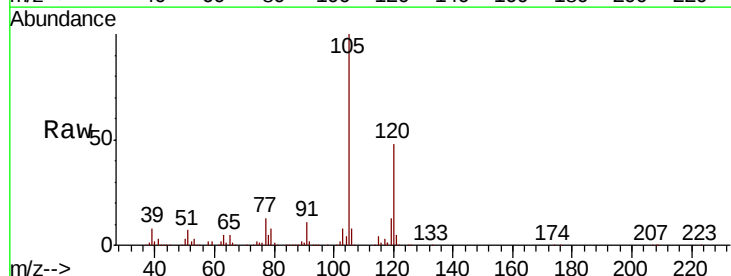
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

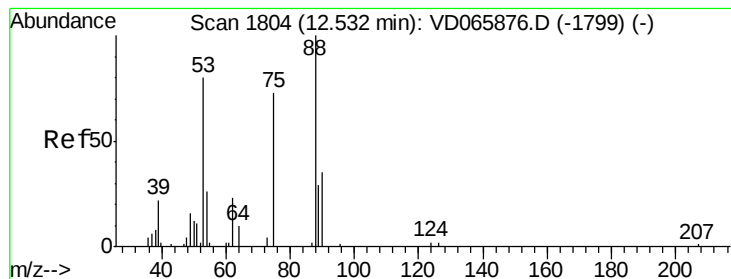
Tot Ion: 91 Resp: 319873
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.898 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

Tgt Ion: 105 Resp: 410741
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.957 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampled :

BFB

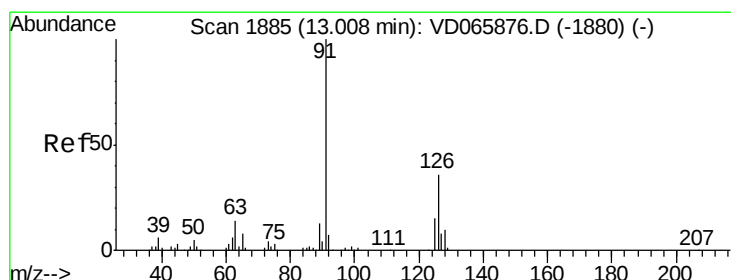
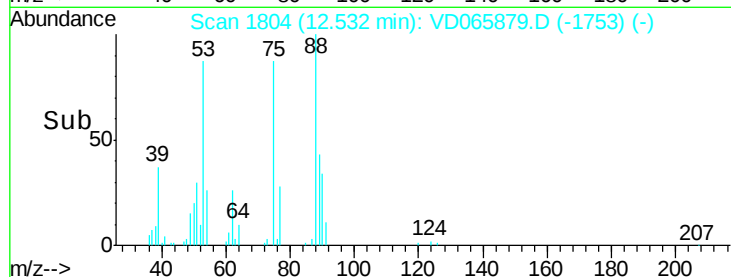
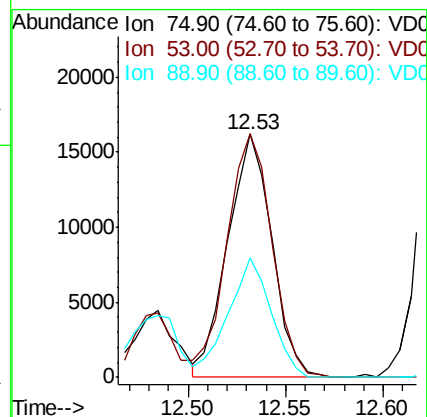
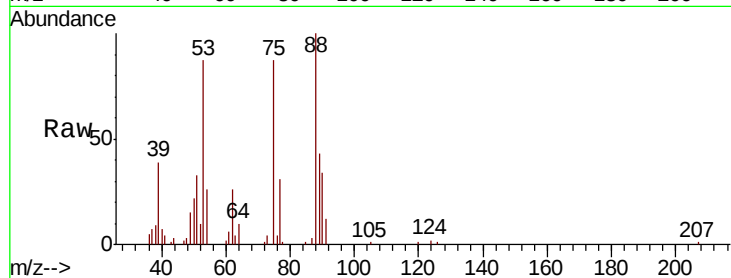
Tot Ion: 75 Resp: 25331

Ion Ratio Lower Upper

75 100

53 103.6 80.6 121.0

89 47.8 36.5 54.7



#82

4-Chlorotoluene

Concen: 52.392 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD065879.D

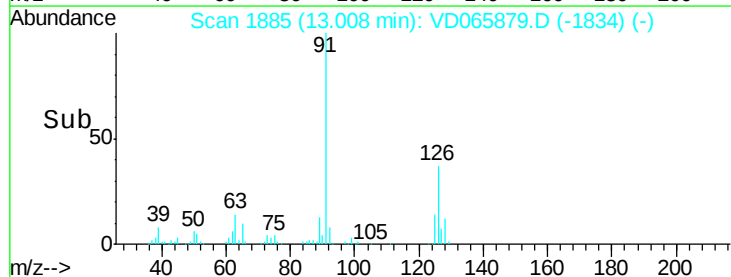
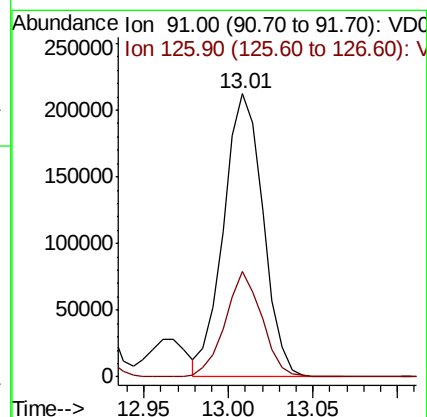
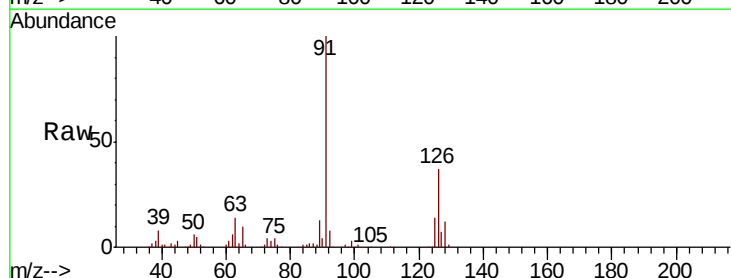
Acq: 26 Jun 2020 13:35

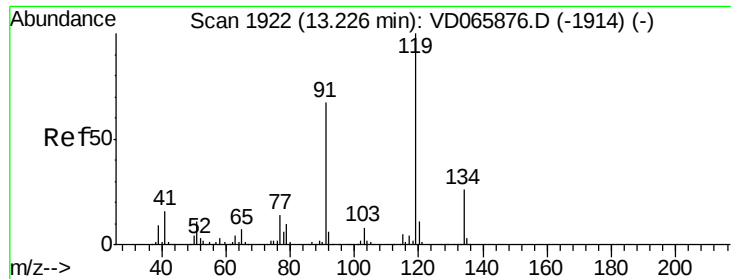
Tgt Ion: 91 Resp: 345088

Ion Ratio Lower Upper

91 100

126 34.8 16.6 49.8

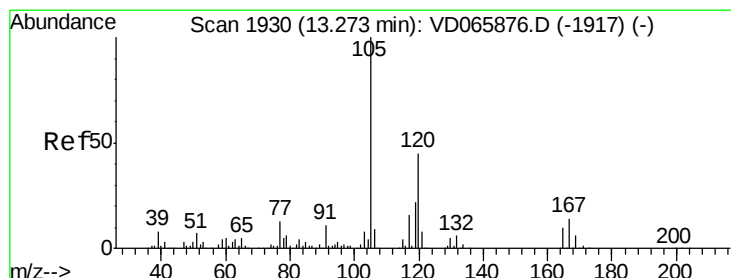
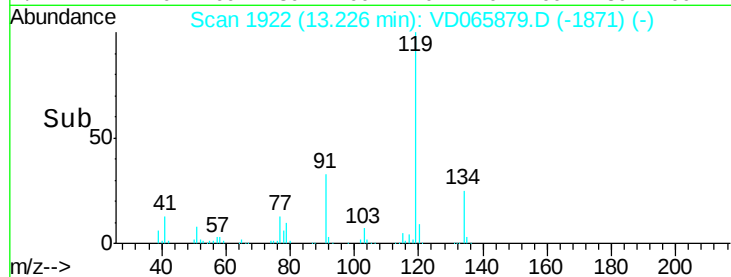
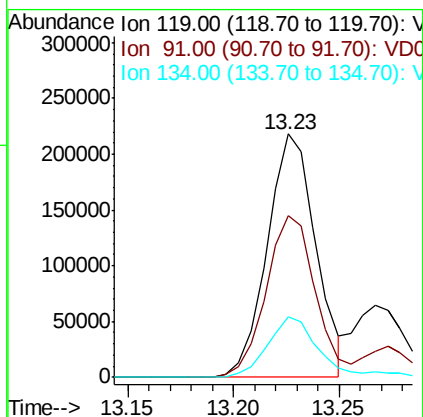
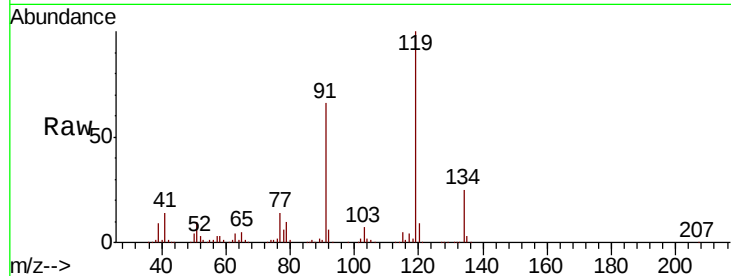




#83
 tert-Butylbenzene
 Concen: 53.353 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

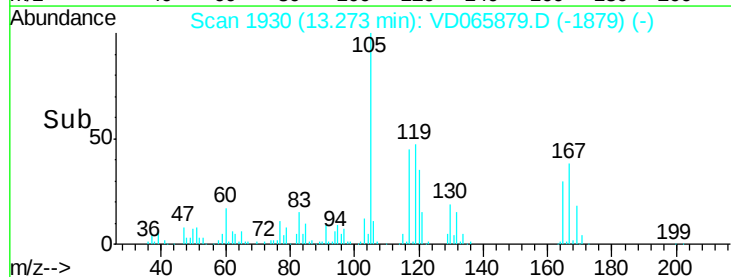
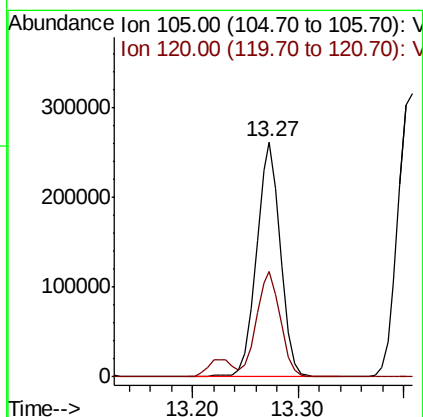
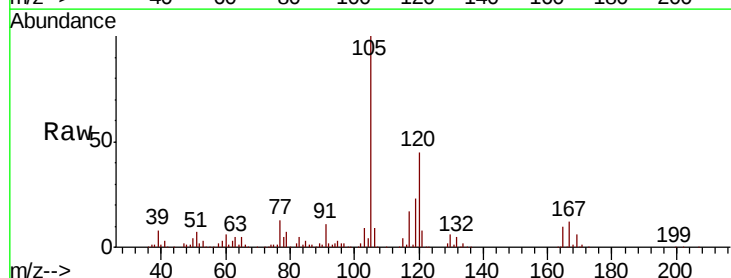
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

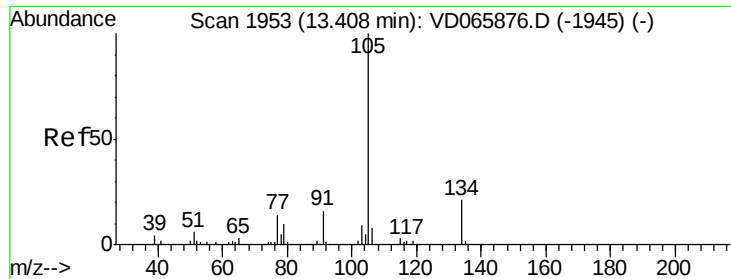
Tot Ion:119 Resp: 348634
 Ion Ratio Lower Upper
 119 100
 91 67.6 32.2 96.6
 134 25.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.887 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

Tgt Ion:105 Resp: 412178
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.0 69.0

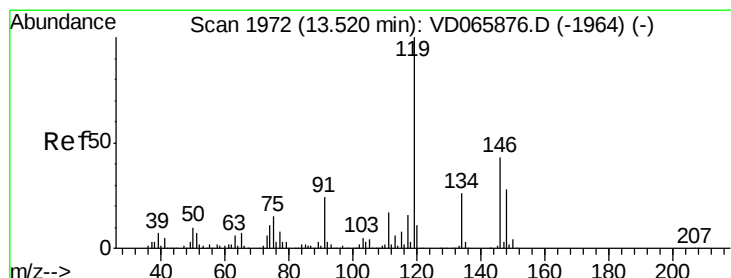
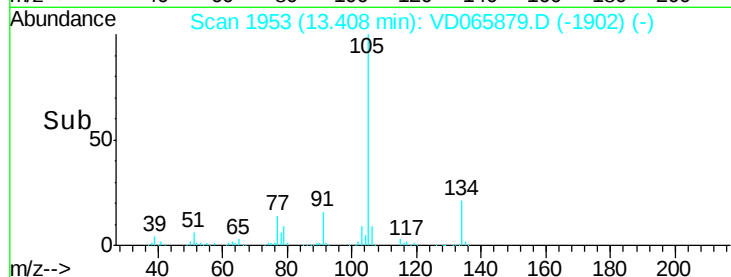
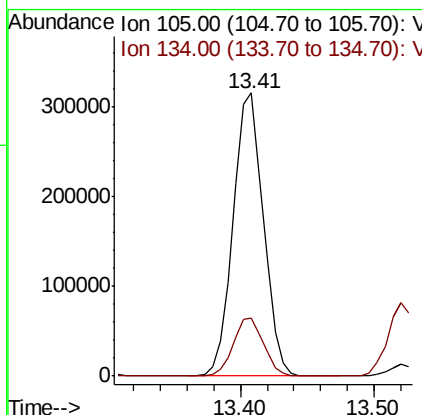
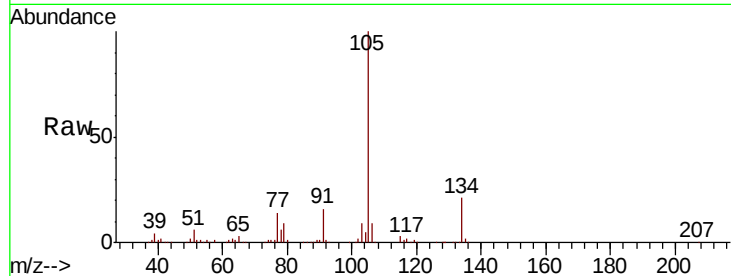




#85
 sec-Butylbenzene
 Concen: 53.464 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

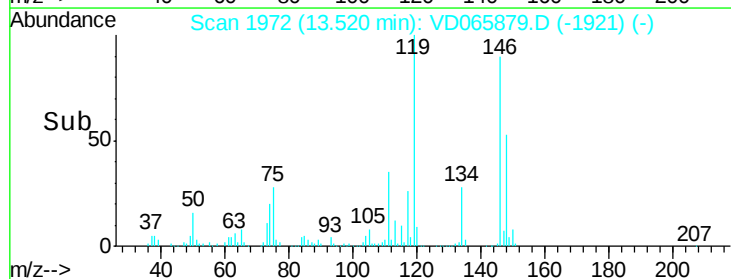
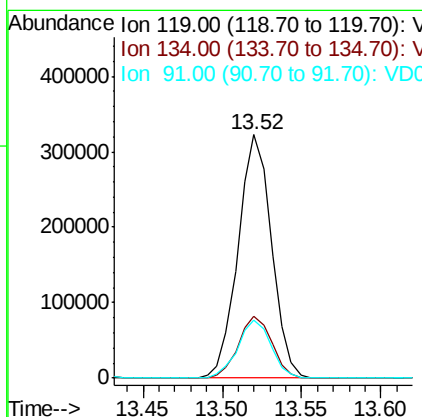
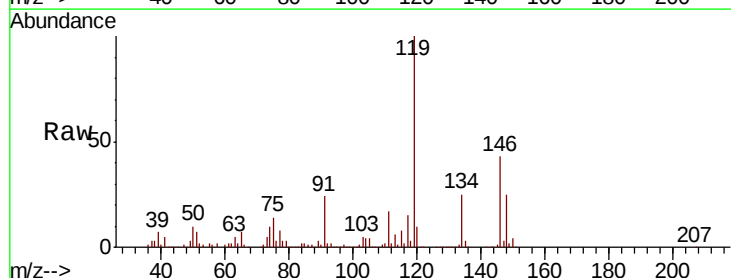
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

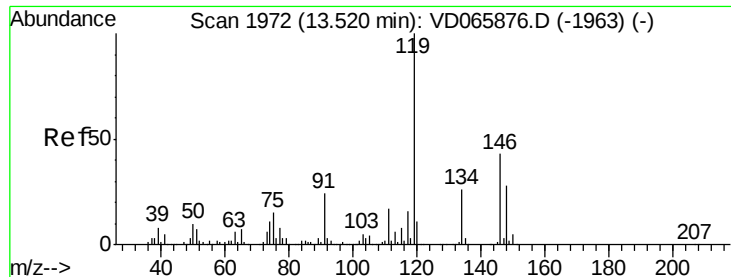
Tot Ion:105 Resp: 497867
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 55.787 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

Tgt Ion:119 Resp: 471864
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.4 40.1
 91 23.8 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 53.298 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

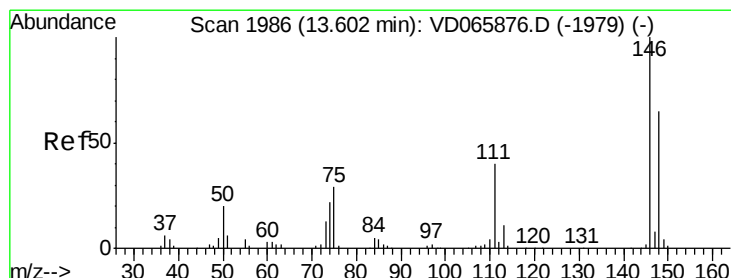
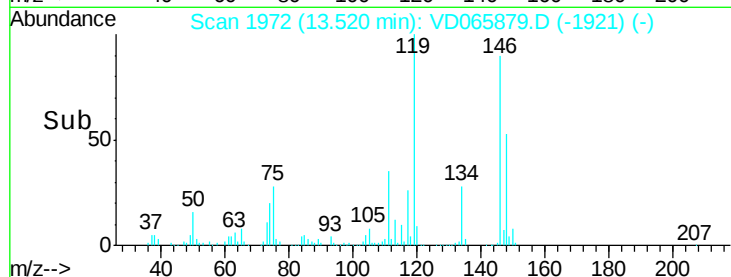
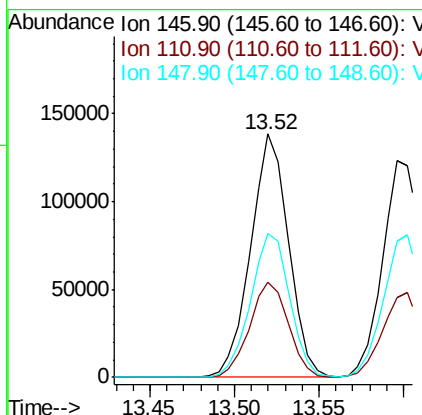
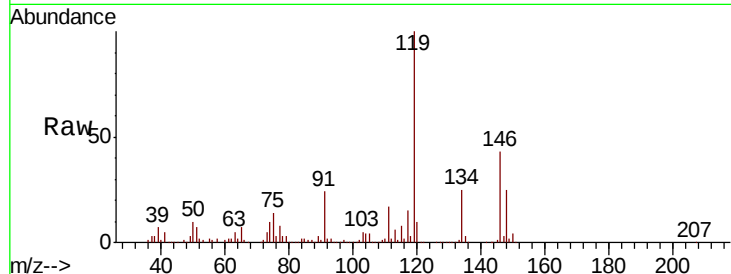
Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion:146 Resp: 216247

Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.4
148	61.4	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 49.859 ug/l

RT: 13.60 min Scan# 1985

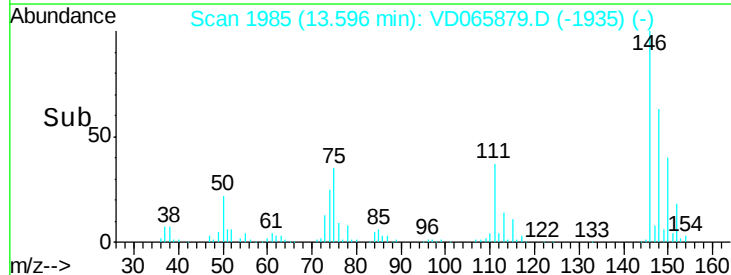
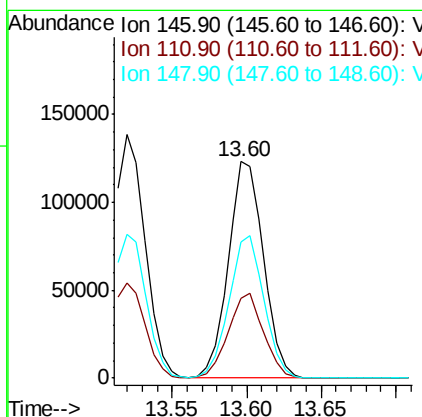
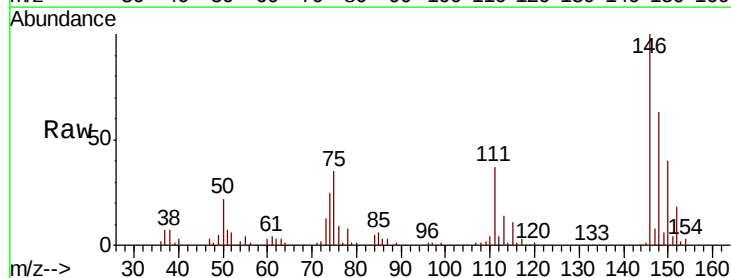
Delta R.T. -0.01 min

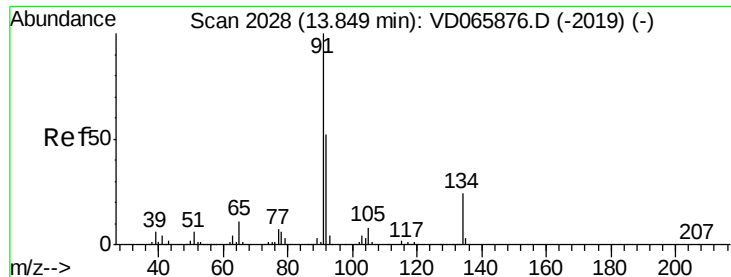
Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Tgt Ion:146 Resp: 203525

Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.9	59.6
148	65.3	32.5	97.4

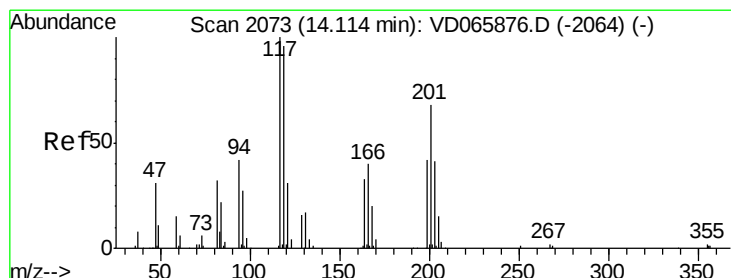
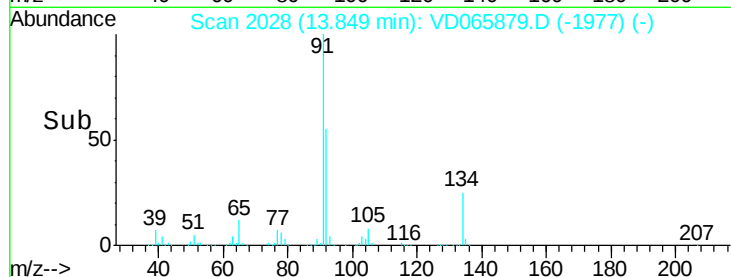
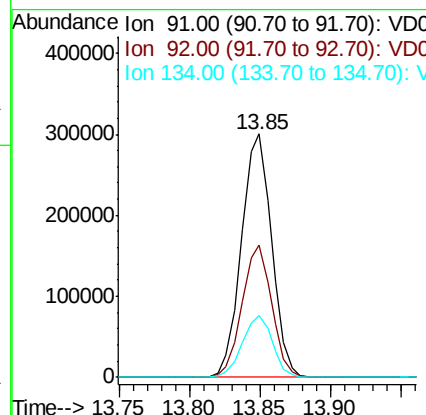
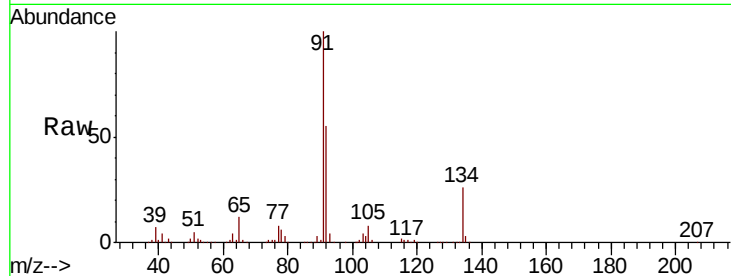




#89
n-Butylbenzene
Concen: 54.516 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

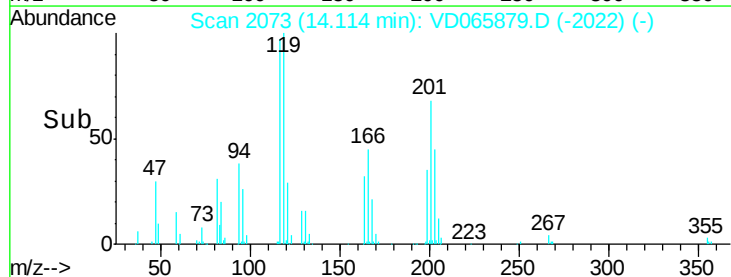
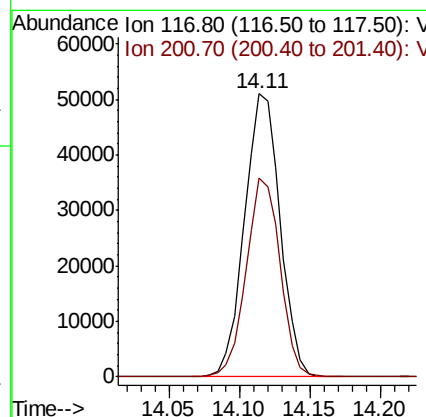
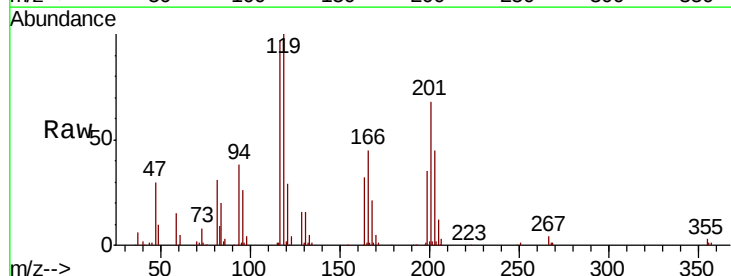
Instrument :
MSVOA_D
ClientSampled :
BFB

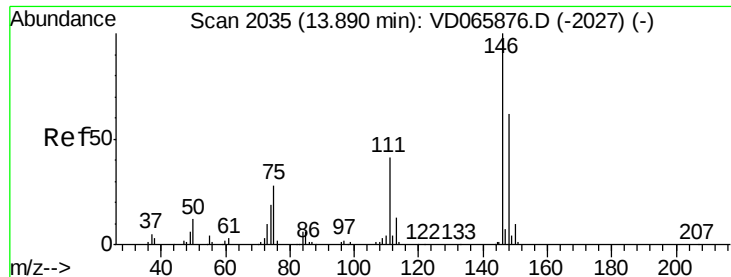
Tot Ion: 91 Resp: 449634
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 25.3 12.4 37.2



#90
Hexachloroethane
Concen: 52.193 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion: 117 Resp: 90090
Ion Ratio Lower Upper
117 100
201 67.2 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 49.163 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_D

ClientSampleID :

BFB

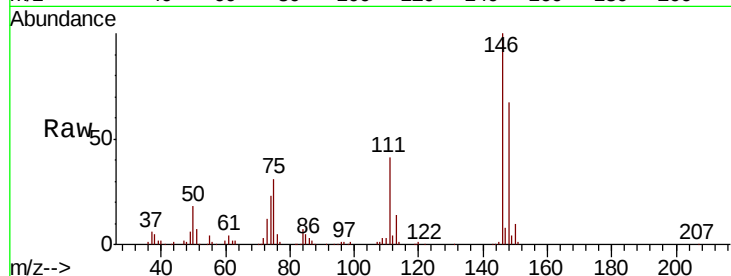
Tot Ion:146 Resp: 174750

Ion Ratio Lower Upper

146 100

111 42.6 20.8 62.4

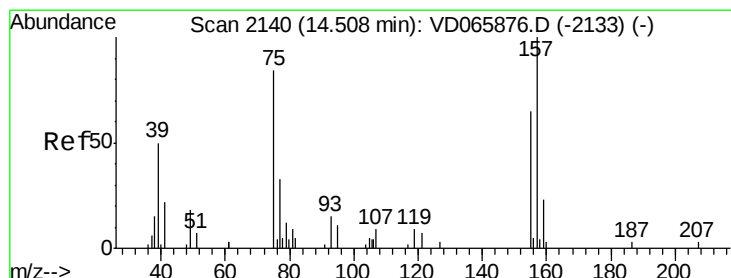
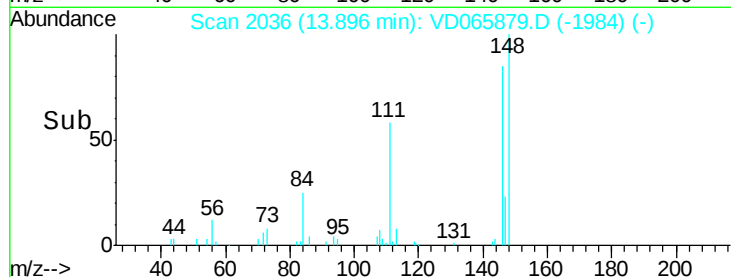
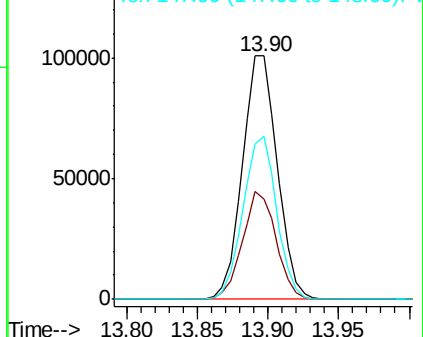
148 64.6 31.4 94.0



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: 48.654 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.01 min

Lab File: VD065879.D

Acq: 26 Jun 2020 13:35

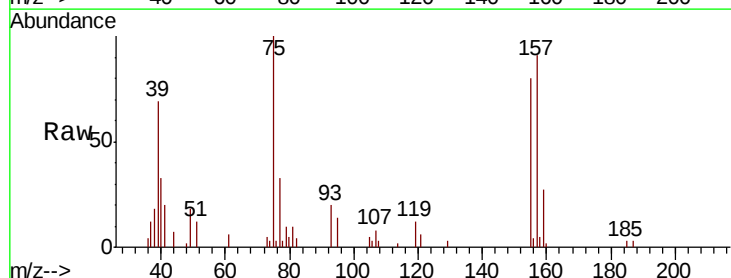
Tgt Ion: 75 Resp: 11523

Ion Ratio Lower Upper

75 100

155 85.0 37.8 113.3

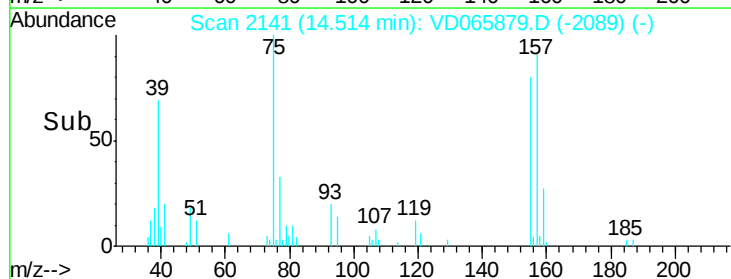
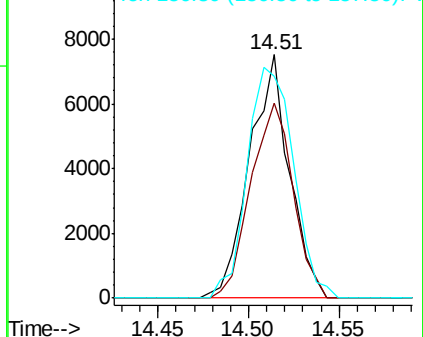
157 109.8 50.6 151.8

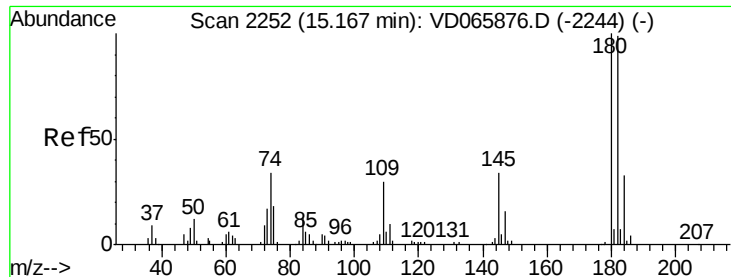


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

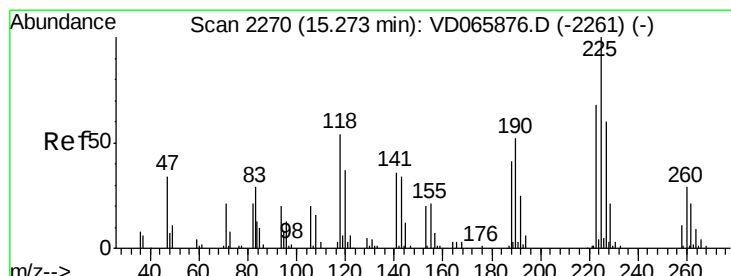
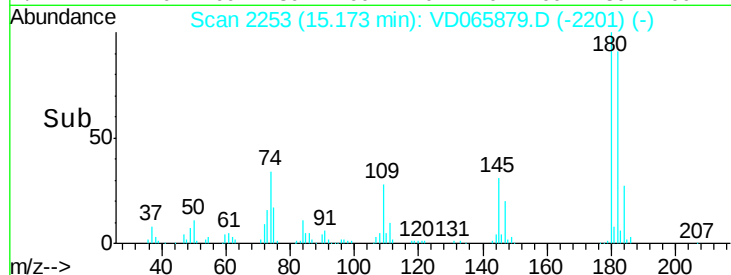
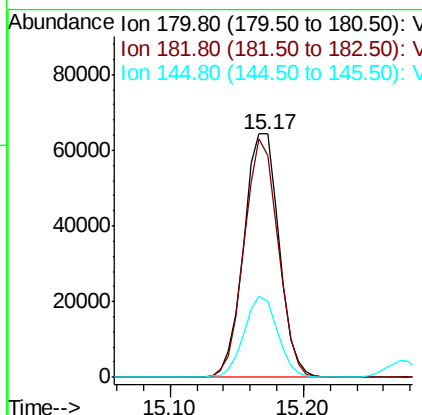
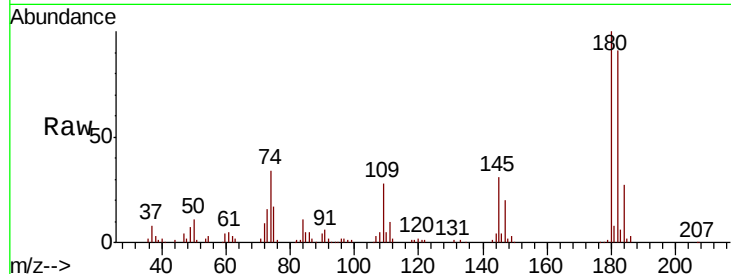




#93
 1,2,4-Trichlorobenzene
 Concen: 51.903 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

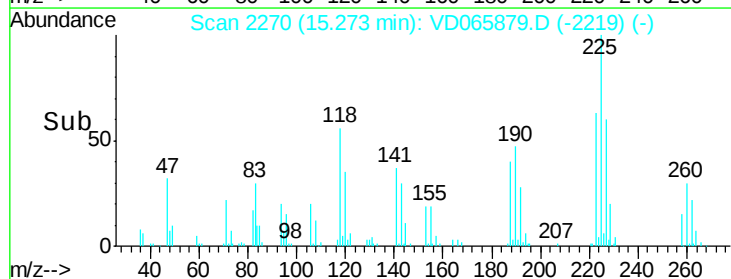
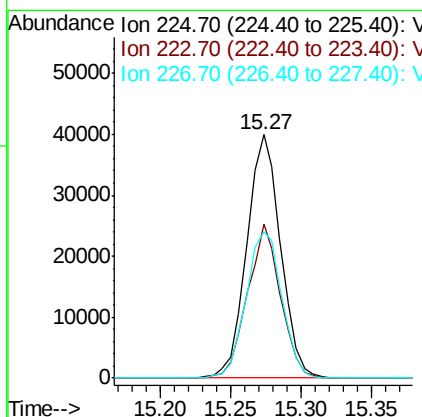
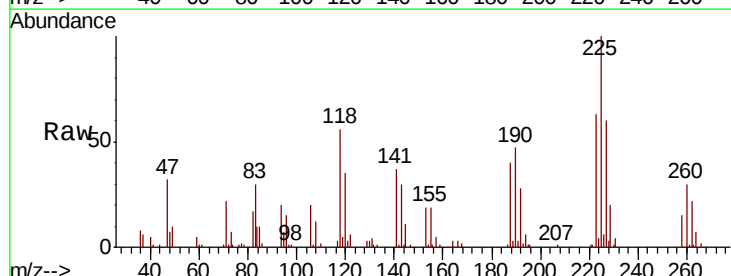
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

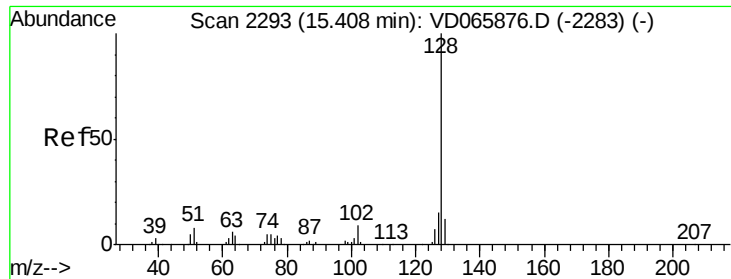
Tot Ion:180 Resp: 116956
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.7 143.1
 145 31.7 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 52.156 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD065879.D
 Acq: 26 Jun 2020 13:35

Tgt Ion:225 Resp: 67035
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.8
 227 63.7 30.1 90.3

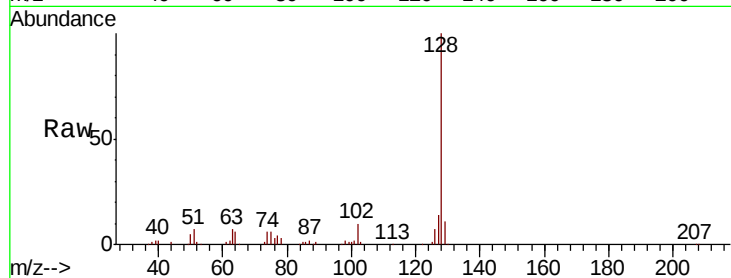




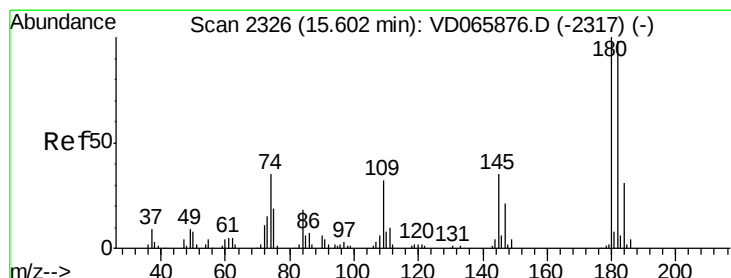
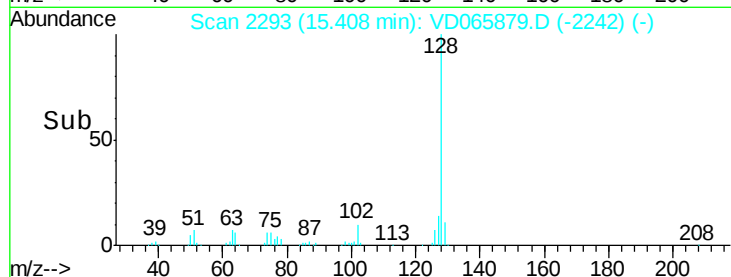
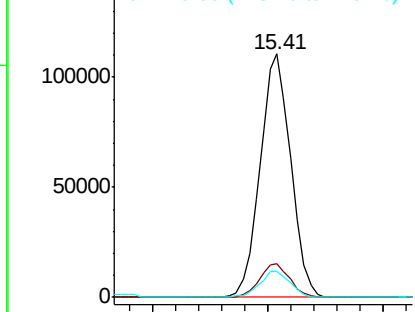
#95
Naphthalene
Concen: 50.398 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.8	8.8	13.2

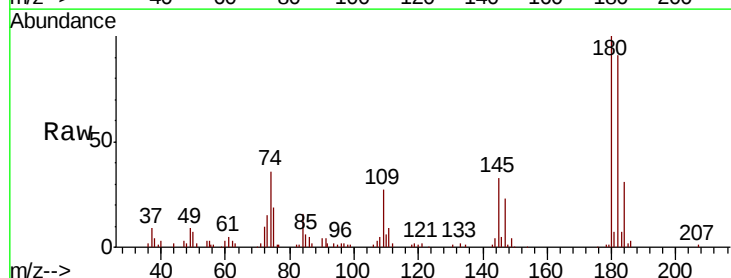


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.351 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD065879.D
Acq: 26 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.9	146.6
145	34.7	16.6	49.7



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

