

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067482.D
 Acq On : 02 Nov 2020 09:10
 Operator : VA/SY
 Sample : BFB
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Nov 02 15:01:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	1221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	1106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	1513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109	8.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.82%	
35) Dibromofluoromethane	7.93	113	109	11.84	ug/l	0.01
Spiked Amount	50.000		Recovery	=	23.68%	
50) Toluene-d8	10.36	98	1262	37.89	ug/l	0.01
Spiked Amount	50.000		Recovery	=	75.78%	
62) 4-Bromofluorobenzene	12.64	95	387710	33475.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66950.90%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	1198	129.157	ug/l 93
3) Chloromethane	2.21	50	471	61.293	ug/l 95
4) Vinyl Chloride	2.34	62	164	19.451	ug/l # 40
5) Bromomethane	2.78	94	643	112.530	ug/l # 69
6) Chloroethane	2.93	64	59	11.236	ug/l # 40
7) Trichlorofluoromethane	3.28	101	3212	151.289	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	765	67.820	ug/l # 75
10) Methyl Iodide	4.30	142	502	48.245	ug/l # 51
11) Tert butyl alcohol	5.26	59	118	171.161	ug/l # 81
12) 1,1-Dichloroethene	4.07	96	72	7.145	ug/l # 73
13) Acrolein	3.92	56	239	320.244	ug/l # 79
14) Allyl chloride	4.71	41	72	6.239	ug/l # 50
16) Acetone	4.17	43	5671	3310.227	ug/l # 69
17) Carbon Disulfide	4.41	76	884	30.771	ug/l # 75
18) Methyl Acetate	4.62	43	106	27.127	ug/l # 41
19) Methyl tert-butyl Ether	5.47	73	173	8.634	ug/l # 57
20) Methylene Chloride	4.97	84	11531	1149.482	ug/l # 86
21) trans-1,2-Dichloroethene	5.23	96	102	8.796	ug/l # 3
23) Vinyl Acetate	6.37	43	198	16.509	ug/l # 66
24) 1,1-Dichloroethane	6.26	63	57	3.159	ug/l # 80
25) 2-Butanone	7.21	43	985	504.392	ug/l # 45
26) 2,2-Dichloropropane	7.20	77	789	42.419	ug/l # 53
27) cis-1,2-Dichloroethene	7.22	96	55	4.327	ug/l # 1
29) Tetrahydrofuran	7.56	42	1170	1077.797	ug/l # 75
30) Chloroform	7.72	83	319	14.798	ug/l # 21
31) Cyclohexane	7.98	56	733	52.025	ug/l # 12
32) 1,1,1-Trichloroethane	7.90	97	746	35.270	ug/l # 53
36) 1,1-Dichloropropene	8.11	75	139	11.858	ug/l # 39
37) Ethyl Acetate	7.21	43	985	285.609	ug/l # 57
38) Carbon Tetrachloride	8.10	117	635	42.385	ug/l # 49
39) Methylcyclohexane	9.36	83	620	50.594	ug/l # 62
40) Benzene	8.35	78	1602	49.817	ug/l # 53
41) Methacrylonitrile	7.56	41	412	221.069	ug/l # 8
43) Isopropyl Acetate	8.52	43	72	10.521	ug/l # 45

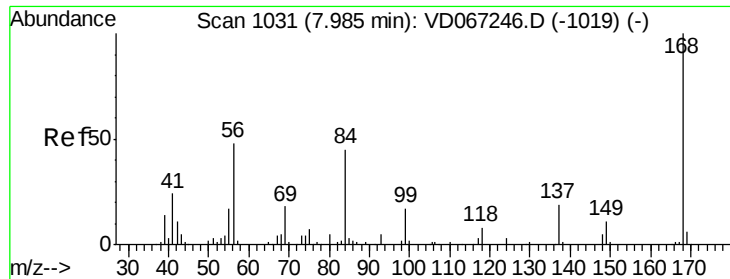
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	9.11	130	175	16.997	ug/l	2
47) Bromodichloromethane	9.93	83	65	5.225	ug/l #	1
48) Methyl methacrylate	9.47	41	74	22.252	ug/l #	2
51) 4-Methyl-2-Pentanone	10.24	43	304	89.066	ug/l #	31
52) Toluene	10.40	92	1429	65.244	ug/l	95
53) t-1,3-Dichloropropene	10.72	75	54	4.941	ug/l #	42
55) 1,1,2-Trichloroethane	10.71	97	112	17.688	ug/l #	17
57) 1,3-Dichloropropane	10.95	76	155	15.382	ug/l #	41
58) 2-Chloroethyl Vinyl ether	9.94	63	3371	1000.640	ug/l	94
59) 2-Hexanone	11.00	43	60	25.725	ug/l #	1
60) Dibromochloromethane	10.88	129	296	32.054	ug/l #	11
64) Tetrachloroethene	10.88	164	555	69.260	ug/l #	65
65) Chlorobenzene	11.67	112	162	7.638	ug/l #	1
67) Ethyl Benzene	11.76	91	1018	28.001	ug/l	91
68) m/p-Xylenes	11.86	106	752	53.714	ug/l #	30
69) o-Xylene	12.18	106	343	26.458	ug/l	77
70) Styrene	12.21	104	414	18.551	ug/l #	84
71) Bromoform	12.64	173	1971	435.250	ug/l #	29
73) Isopropylbenzene	12.48	105	1315	13.694	ug/l	97
74) N-amyl acetate	12.53	43	63	4.344	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.64	83	345	23.448	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	200480	19117.873	ug/l #	100
77) Bromobenzene	12.77	156	55	2.297	ug/l #	1
78) n-propylbenzene	12.83	91	1814	16.305	ug/l	97
79) 2-Chlorotoluene	12.91	91	912	14.135	ug/l #	52
80) 1,3,5-Trimethylbenzene	12.97	105	1379	16.526	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.64	75	200480	43353.652	ug/l #	10
82) 4-Chlorotoluene	13.01	91	770	11.244	ug/l #	66
83) tert-Butylbenzene	13.24	119	797	11.307	ug/l	78
84) 1,2,4-Trimethylbenzene	13.29	105	2346	28.445	ug/l	72
85) sec-Butylbenzene	13.41	105	1350	13.958	ug/l	92
86) p-Isopropyltoluene	13.53	119	1223	13.397	ug/l	97
87) 1,3-Dichlorobenzene	13.61	146	1044	22.657	ug/l	87
88) 1,4-Dichlorobenzene	13.61	146	1044	22.868	ug/l	88
89) n-Butylbenzene	13.85	91	1071	13.336	ug/l	91
90) Hexachloroethane	14.13	117	53	3.327	ug/l	60
91) 1,2-Dichlorobenzene	13.90	146	729	18.110	ug/l	68
93) 1,2,4-Trichlorobenzene	15.17	180	669	24.650	ug/l #	81
94) Hexachlorobutadiene	15.27	225	245	14.537	ug/l #	61
95) Naphthalene	15.41	128	1850	41.517	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.60	180	505	21.538	ug/l #	72

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

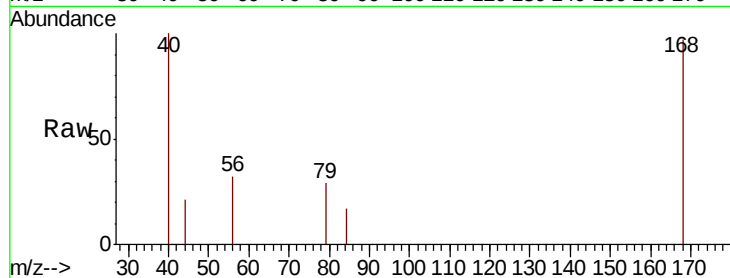
BFB

Tot Ion:168 Resp: 1221

Ion Ratio Lower Upper

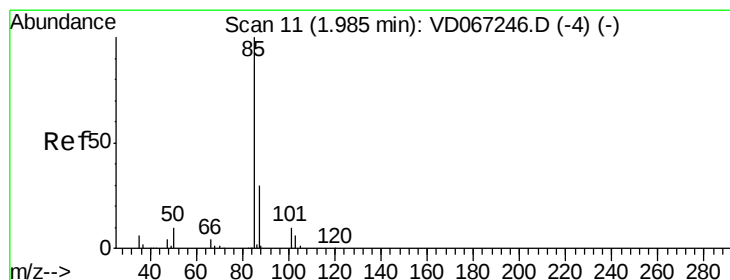
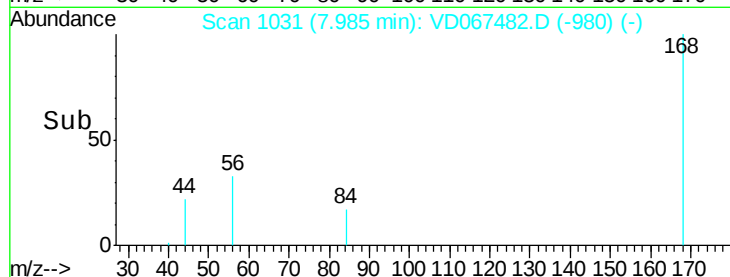
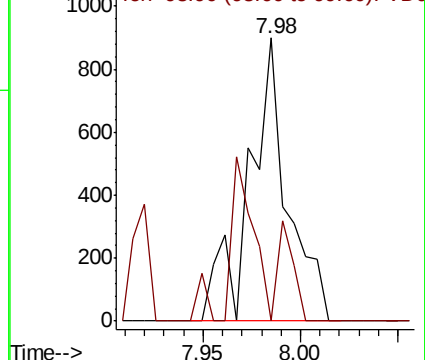
168 100

99 0.0 45.9 68.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 129.157 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067482.D

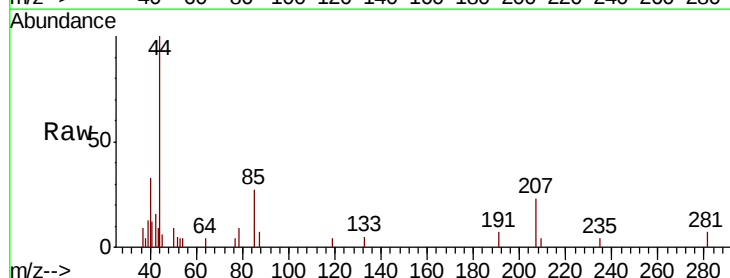
Acq: 02 Nov 2020 09:10

Tgt Ion: 85 Resp: 1198

Ion Ratio Lower Upper

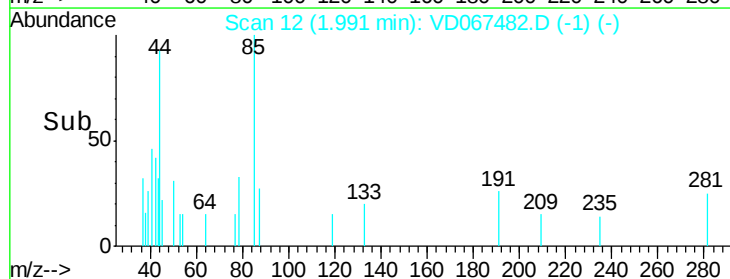
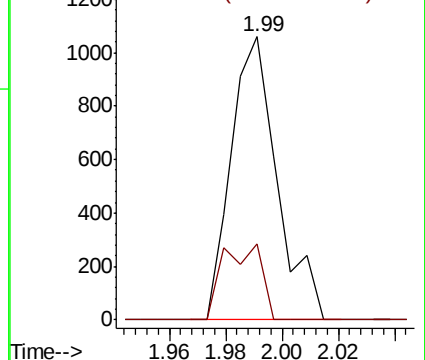
85 100

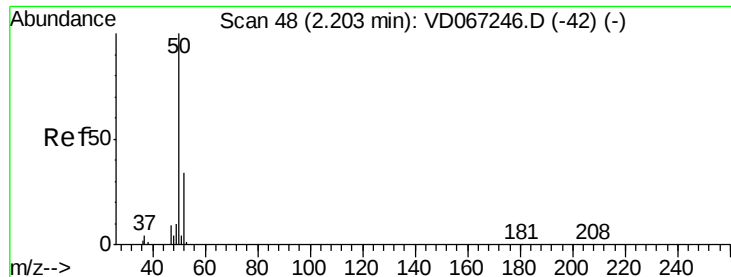
87 26.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 61.293 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

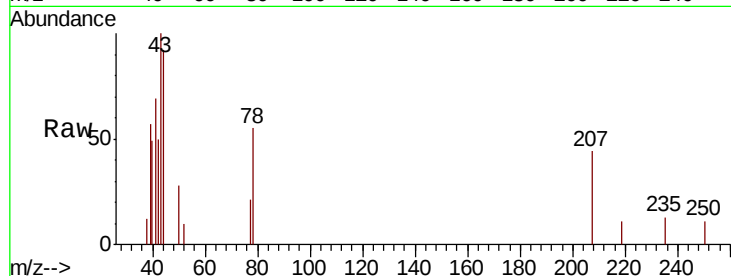
BFB

Tot Ion: 50 Resp: 471

Ion Ratio Lower Upper

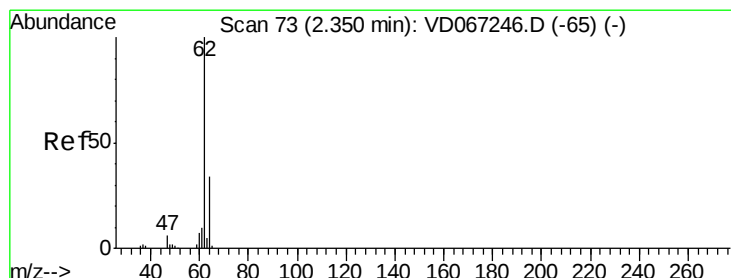
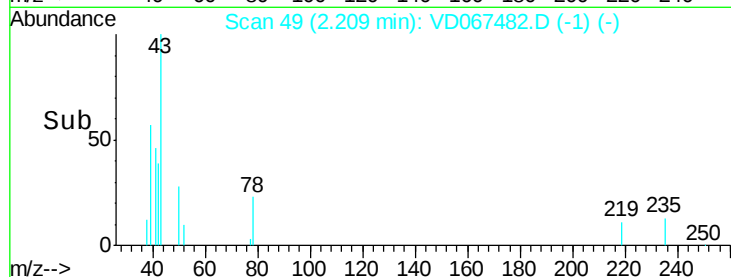
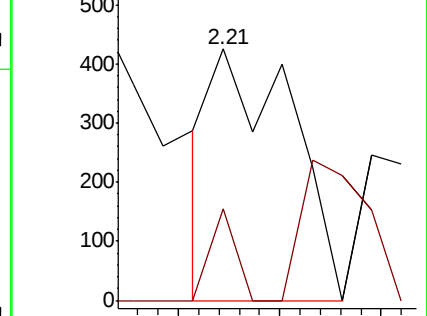
50 100

52 36.7 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.451 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067482.D

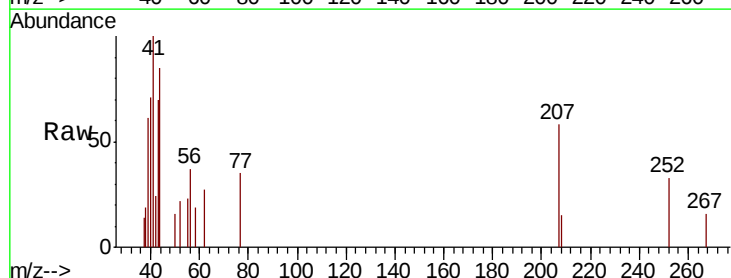
Acq: 02 Nov 2020 09:10

Tgt Ion: 62 Resp: 164

Ion Ratio Lower Upper

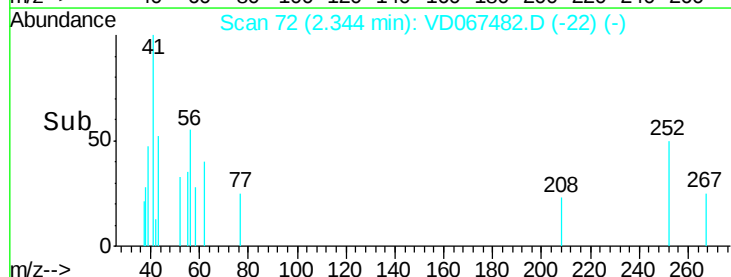
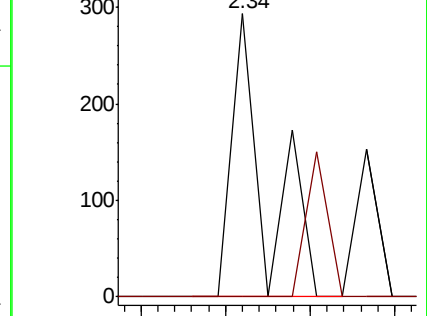
62 100

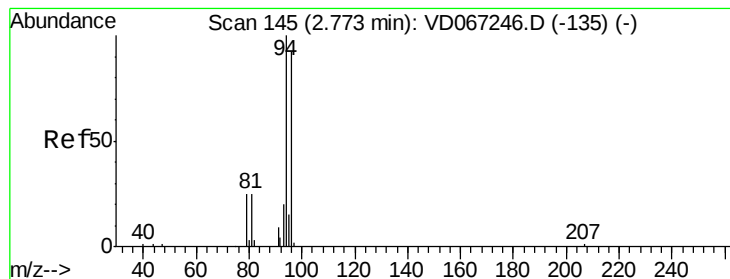
64 0.0 27.4 41.0#



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 112.530 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampled :

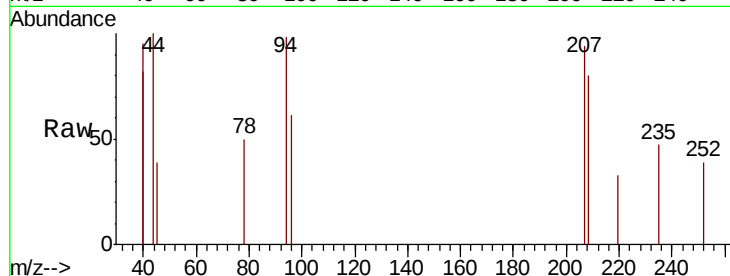
BFB

Tot Ion: 94 Resp: 643

Ion Ratio Lower Upper

94 100

96 62.8 73.8 110.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

400

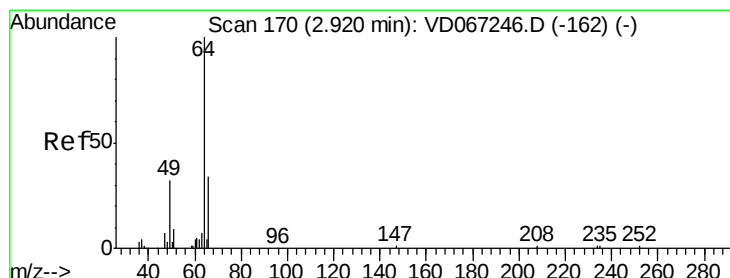
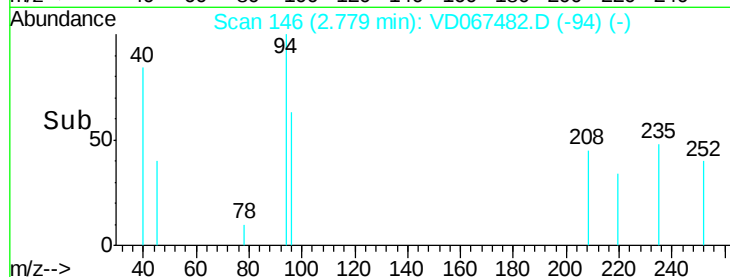
300

200

100

0

Time-->



#6

Chloroethane

Concen: 11.236 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD067482.D

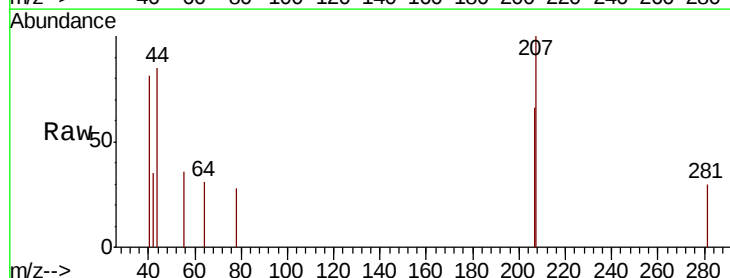
Acq: 02 Nov 2020 09:10

Tgt Ion: 64 Resp: 59

Ion Ratio Lower Upper

64 100

66 0.0 27.4 41.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

200

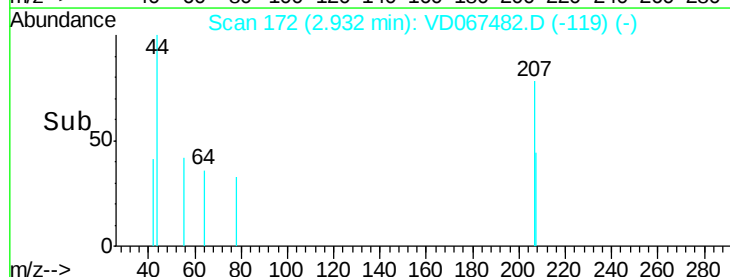
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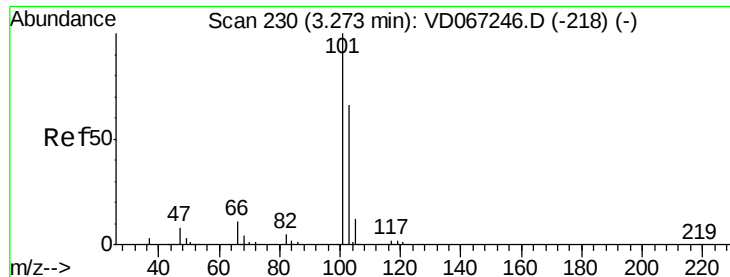
100

50

0

Time-->



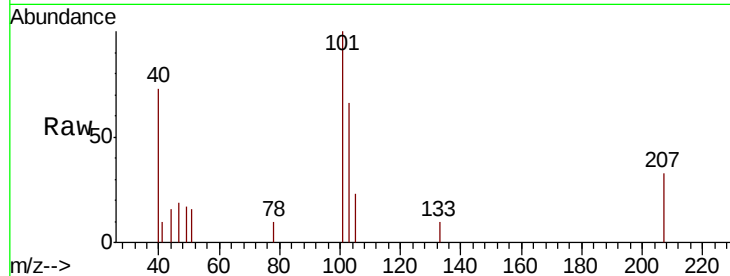


#7

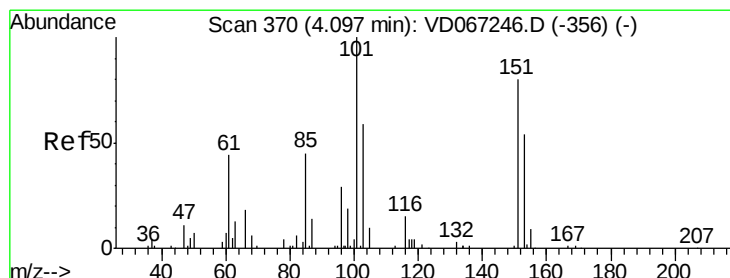
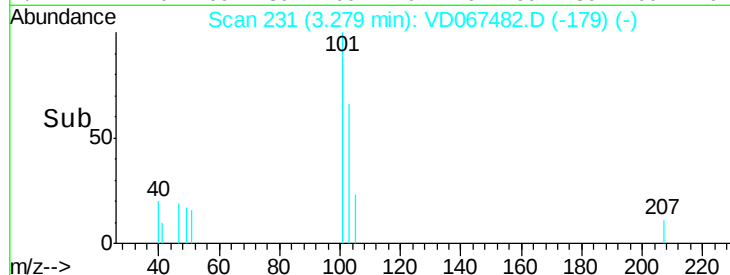
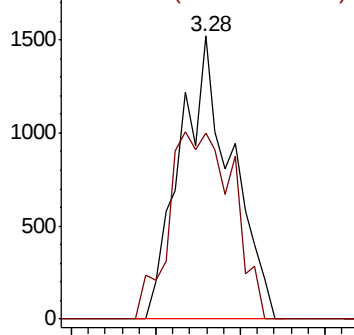
Trichlorofluoromethane
 Concen: 151.289 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tot Ion:101 Resp: 3212
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.1 79.7



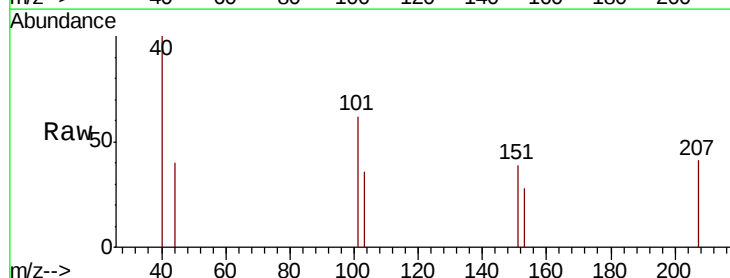
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



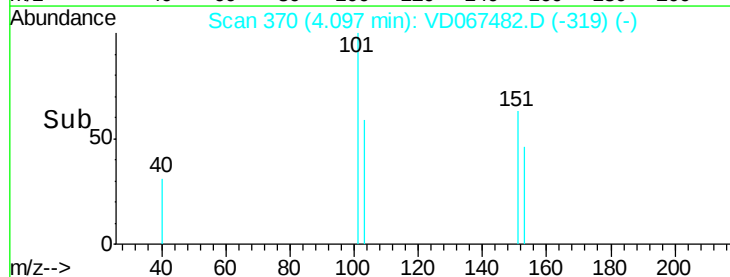
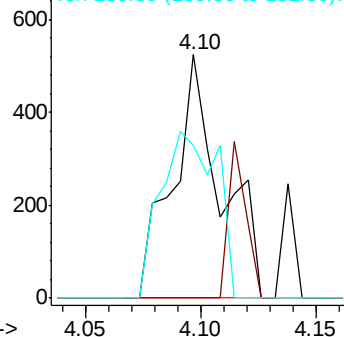
#9

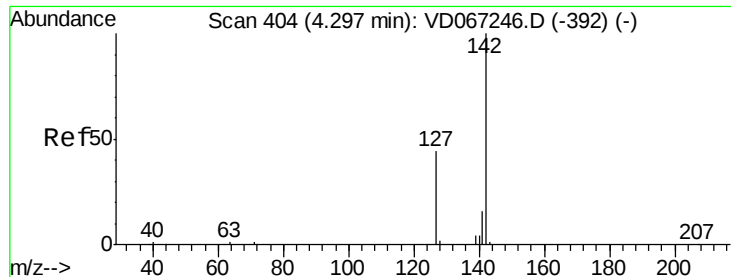
1,1,2-Trichlorotrifluoroethane
 Concen: 67.820 ug/l
 RT: 4.10 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

Tgt Ion:101 Resp: 765
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.4#
 151 80.0 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VD
 Ion 150.80 (150.50 to 151.50): V

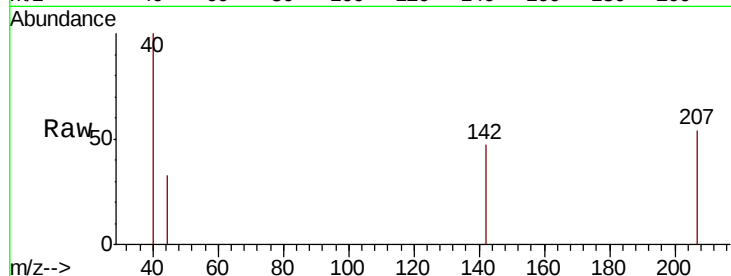




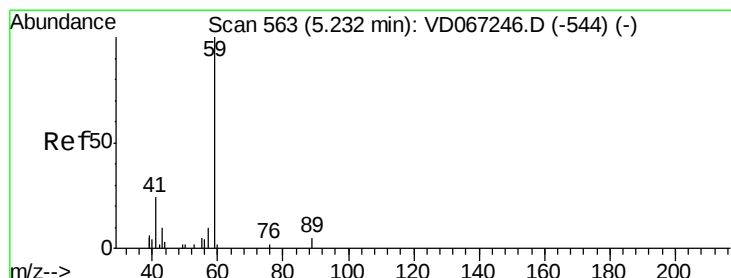
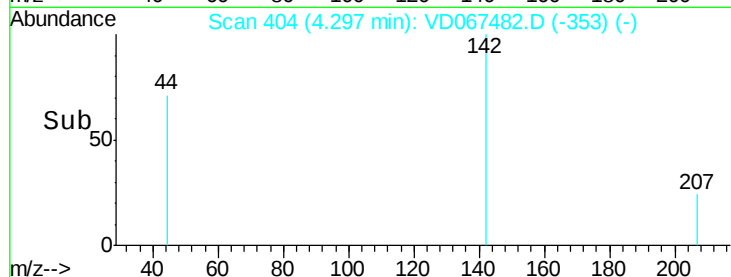
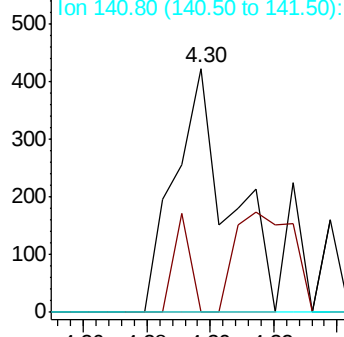
#10
Methyl Iodide
Concen: 48.245 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.00 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion:142 Resp: 502
Ion Ratio Lower Upper
142 100
127 12.0 38.4 57.6#
141 0.0 11.6 17.4#

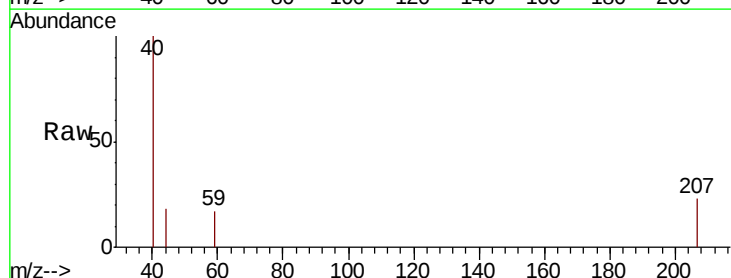


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

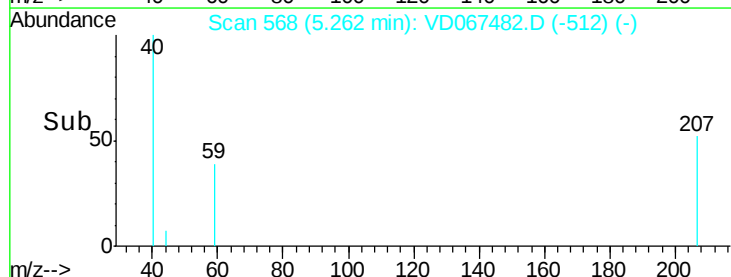
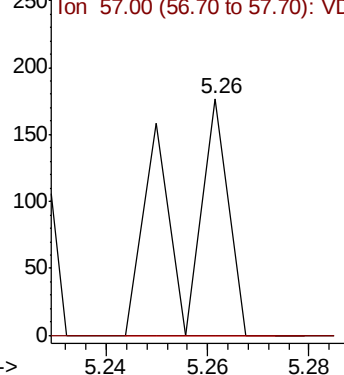


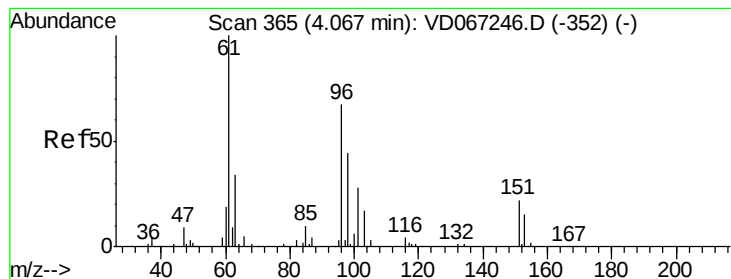
#11
Tert butyl alcohol
Concen: 171.161 ug/l
RT: 5.26 min Scan# 568
Delta R.T. 0.03 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion: 59 Resp: 118
Ion Ratio Lower Upper
59 100
57 0.0 5.1 7.7#



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





#12

1,1-Dichloroethene

Concen: 7.145 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

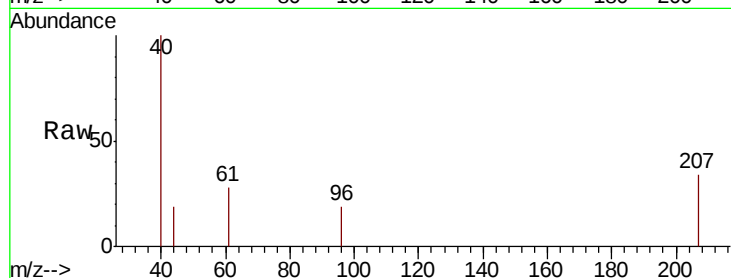
Tot Ion: 96 Resp: 72

Ion Ratio Lower Upper

96 100

61 144.3 118.6 177.8

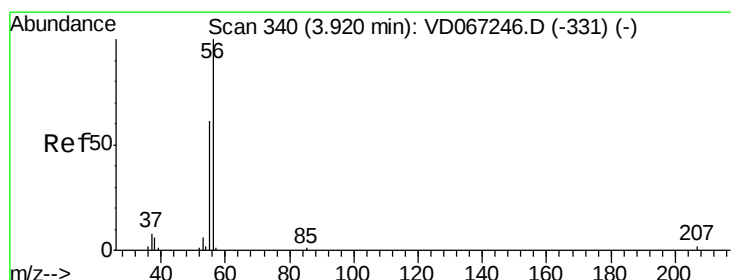
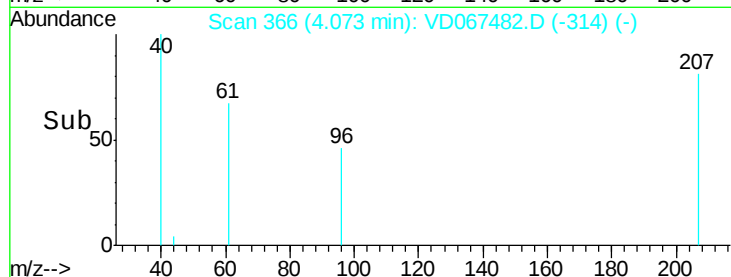
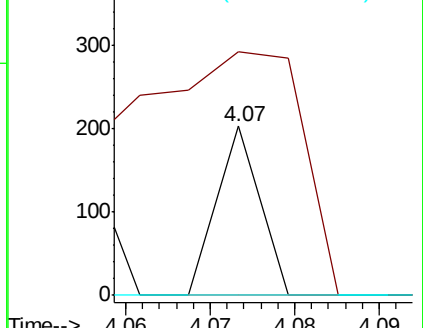
98 0.0 51.8 77.6#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#13

Acrolein

Concen: 320.244 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067482.D

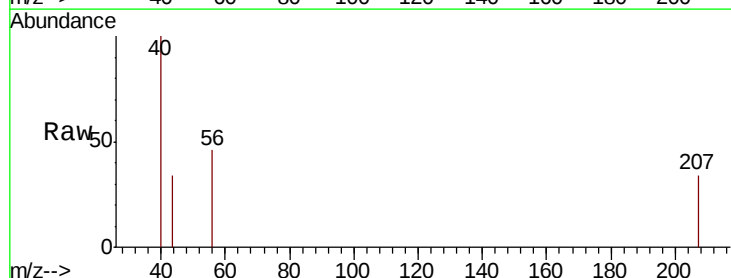
Acq: 02 Nov 2020 09:10

Tgt Ion: 56 Resp: 239

Ion Ratio Lower Upper

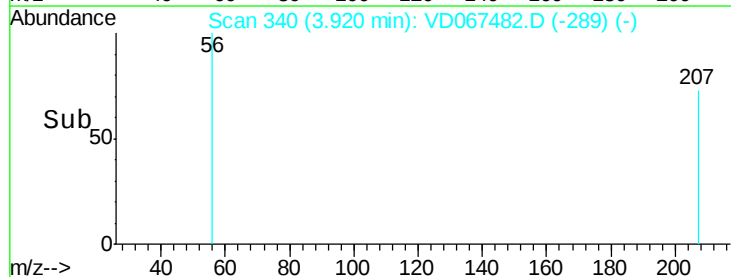
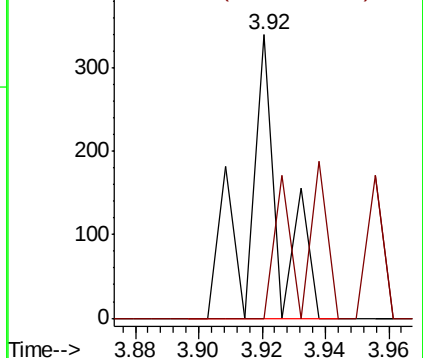
56 100

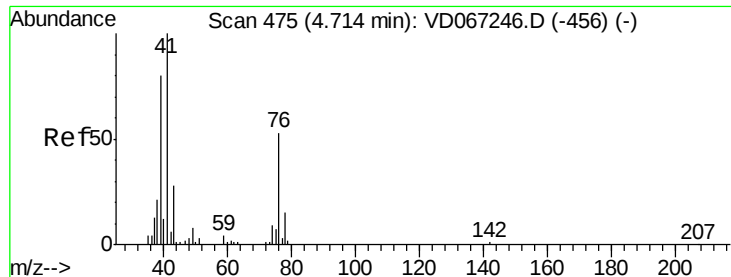
55 53.1 56.0 84.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

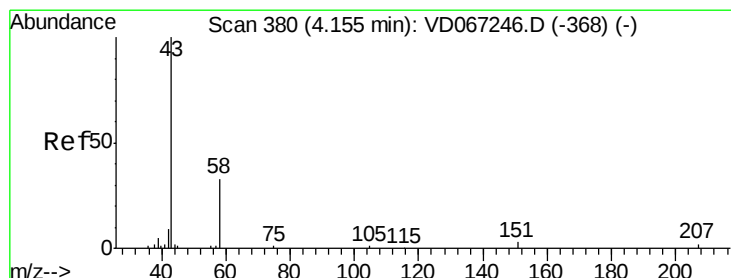
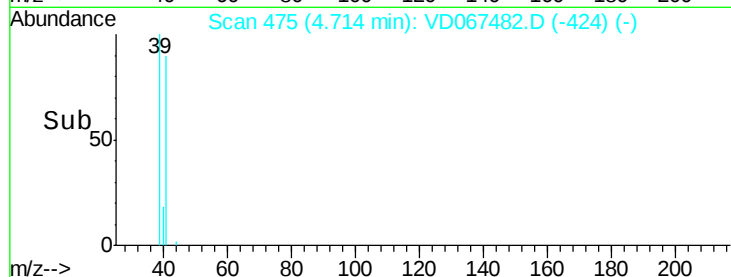
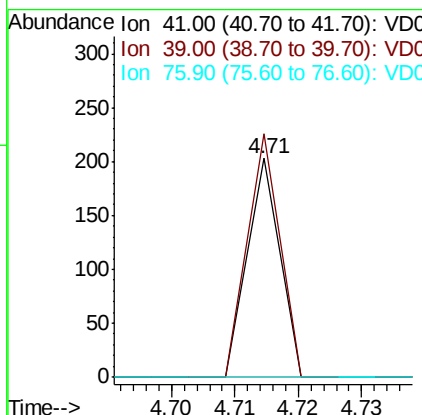
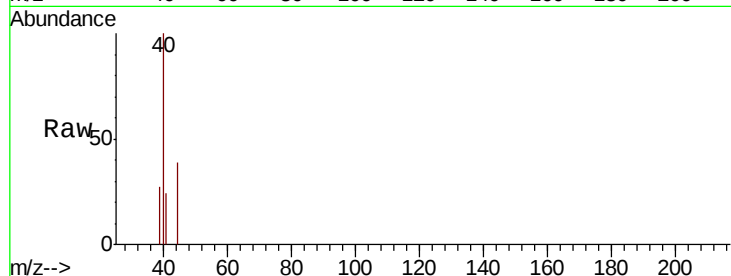




#14
Allvl chloride
Concen: 6.239 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

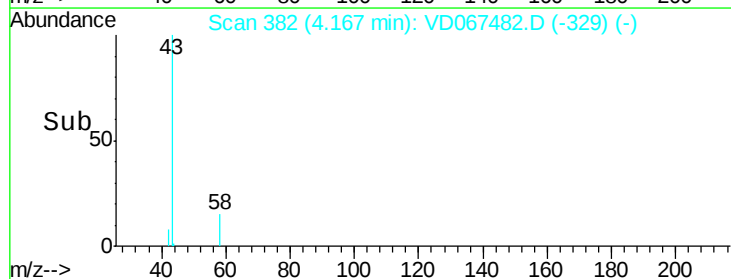
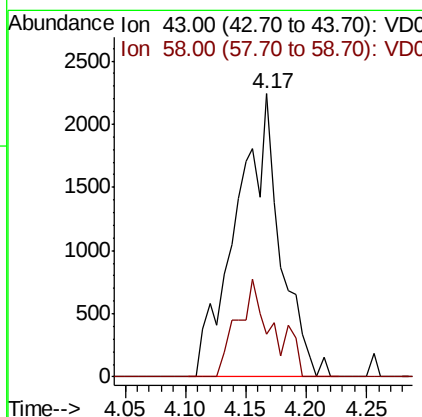
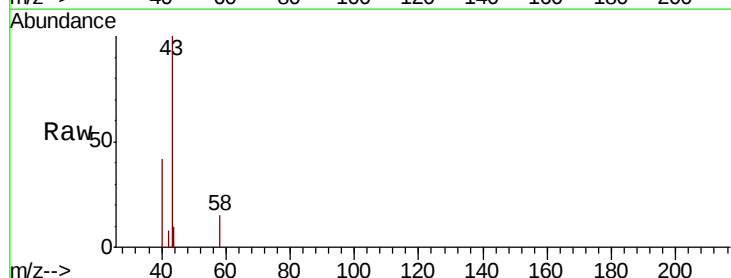
Instrument :
MSVOA_D
ClientSampleId :
BFB

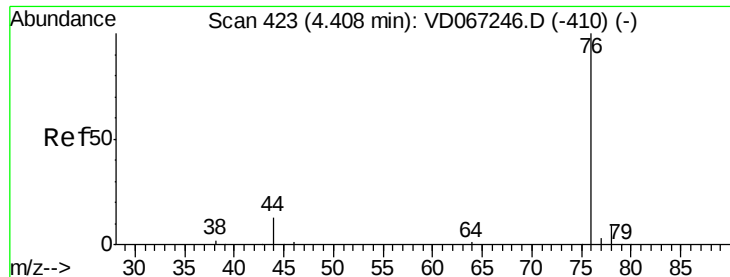
Tot Ion	Ratio	Lower	Upper
41	100		
39	111.1	63.8	95.6#
76	0.0	40.4	60.6#



#16
Acetone
Concen: 3310.227 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	15.0	26.1	39.1#





#17

Carbon Disulfide

Concen: 30.771 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampled :

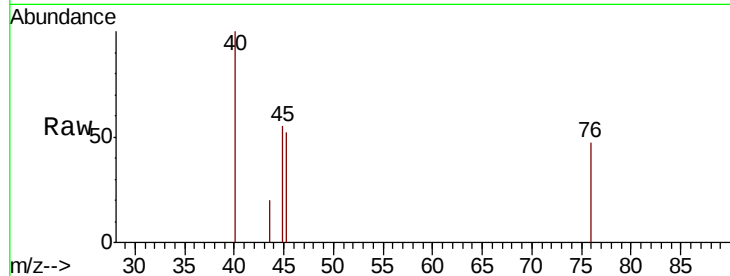
BFB

Tot Ion: 76 Resp: 884

Ion Ratio Lower Upper

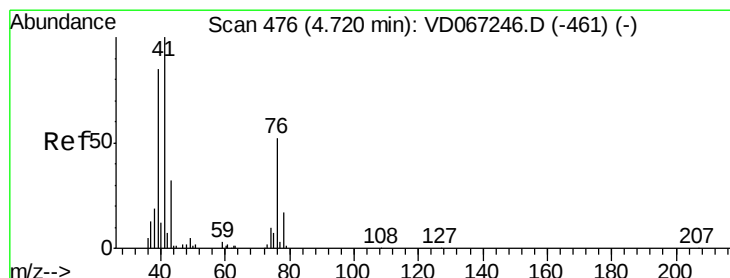
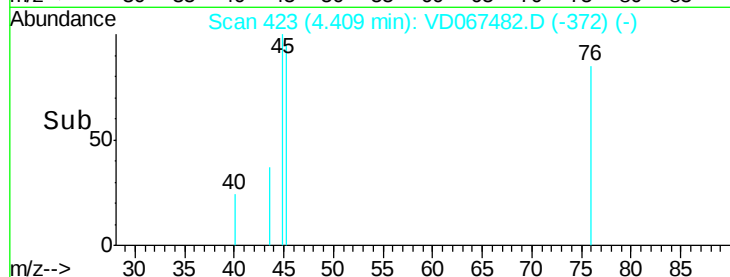
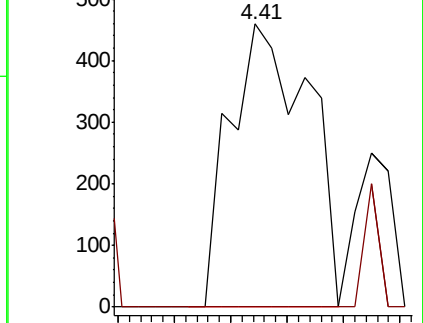
76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 27.127 ug/l

RT: 4.62 min Scan# 459

Delta R.T. -0.10 min

Lab File: VD067482.D

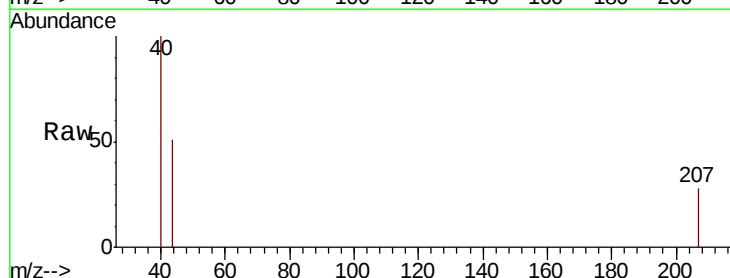
Acq: 02 Nov 2020 09:10

Tgt Ion: 43 Resp: 106

Ion Ratio Lower Upper

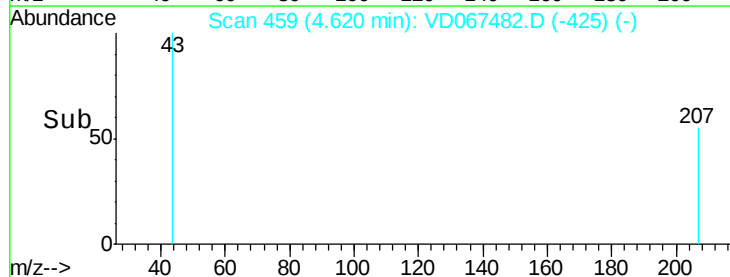
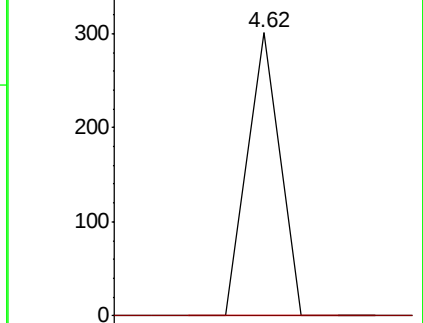
43 100

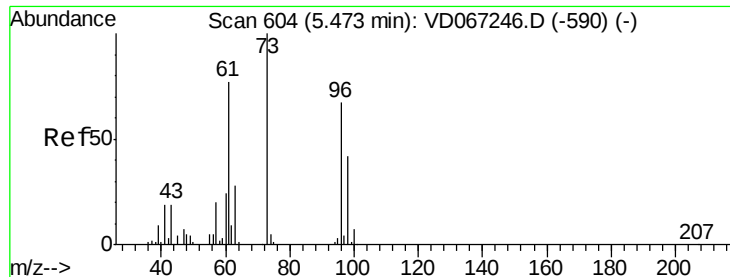
74 0.0 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

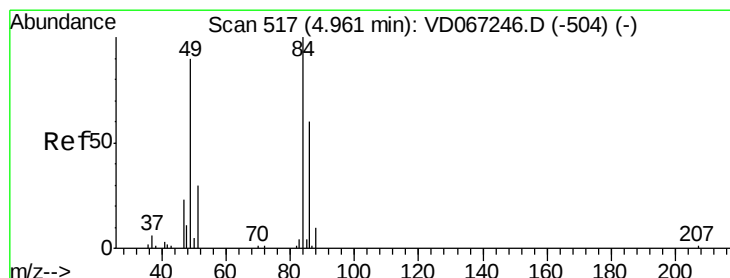
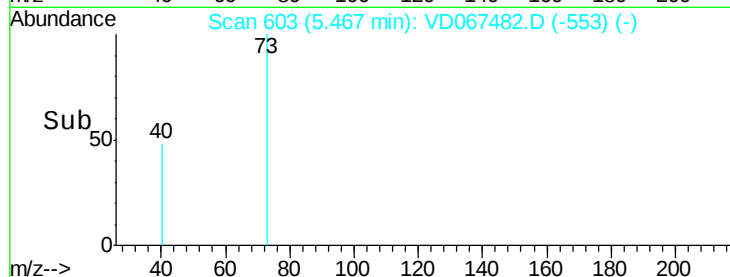
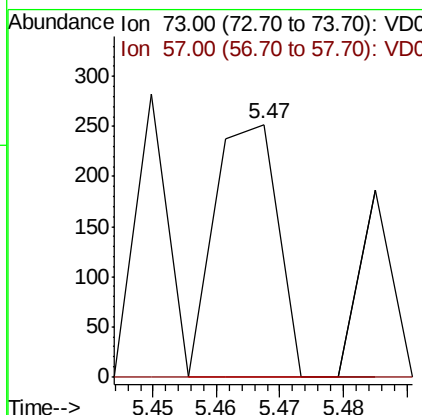
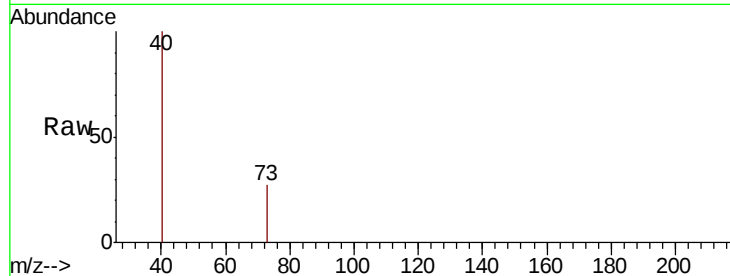




#19
Methvl tert-butvl Ether
Concen: 8.634 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

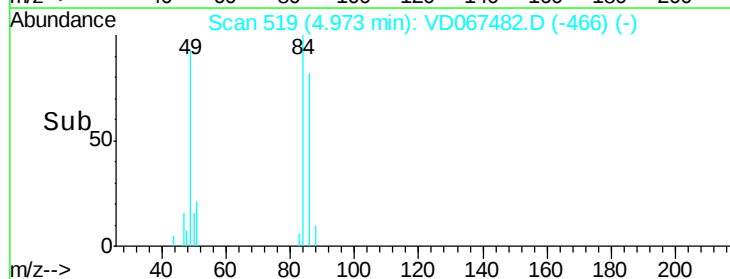
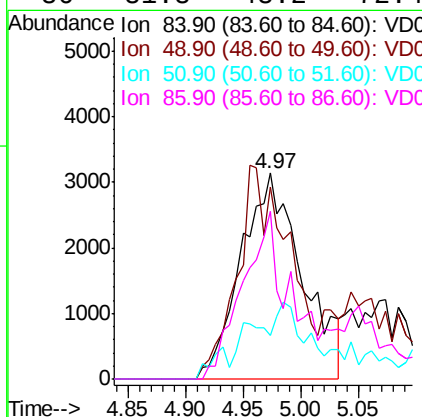
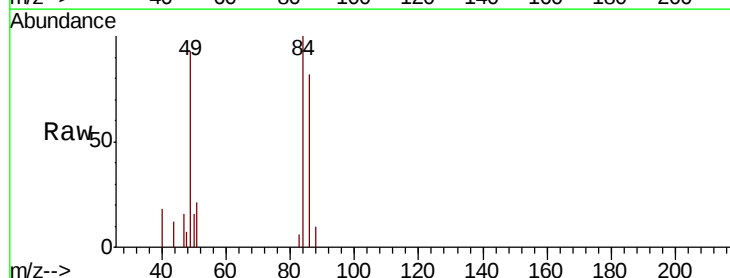
Instrument :
MSVOA_D
ClientSampleId :
BFB

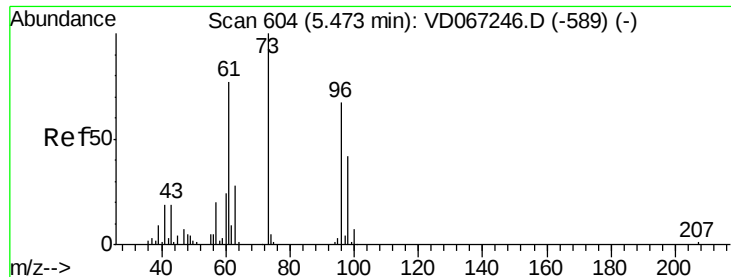
Tot Ion: 73 Resp: 173
Ion Ratio Lower Upper
73 100
57 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 1149.482 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion: 84 Resp: 11531
Ion Ratio Lower Upper
84 100
49 93.3 72.2 108.2
51 20.9 23.8 35.8#
86 81.8 48.2 72.4#





#21

trans-1,2-Dichloroethene

Concen: 8.796 ug/l

RT: 5.23 min Scan# 562

Delta R.T. -0.25 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

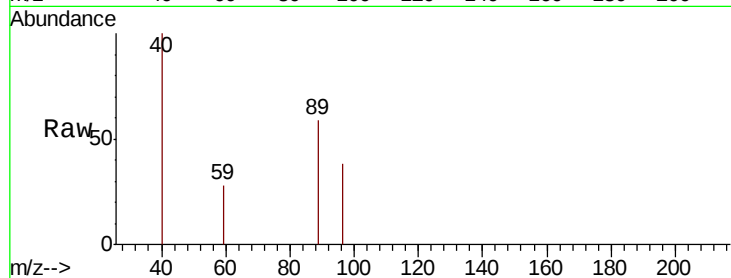
Tot Ion: 96 Resp: 102

Ion Ratio Lower Upper

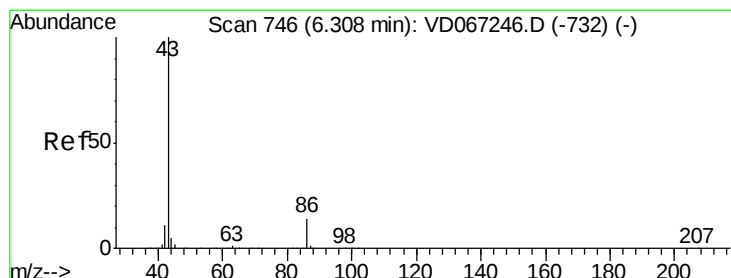
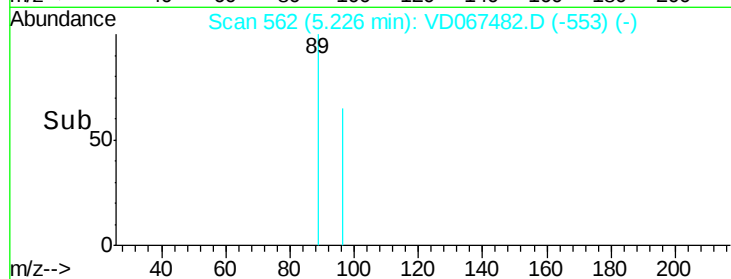
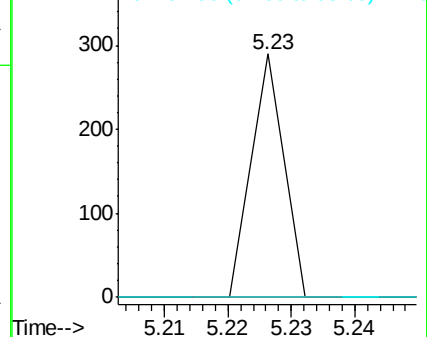
96 100

61 0.0 92.0 138.0#

98 0.0 49.8 74.8#



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



#23

Vinyl Acetate

Concen: 16.509 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.06 min

Lab File: VD067482.D

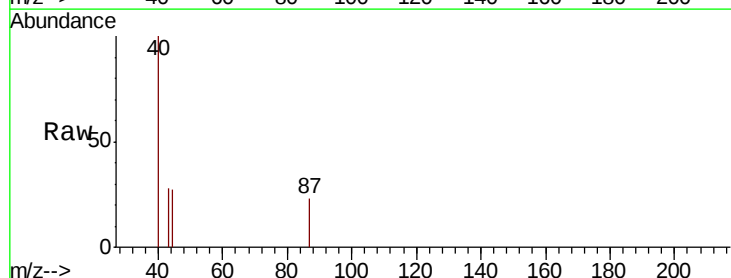
Acq: 02 Nov 2020 09:10

Tgt Ion: 43 Resp: 198

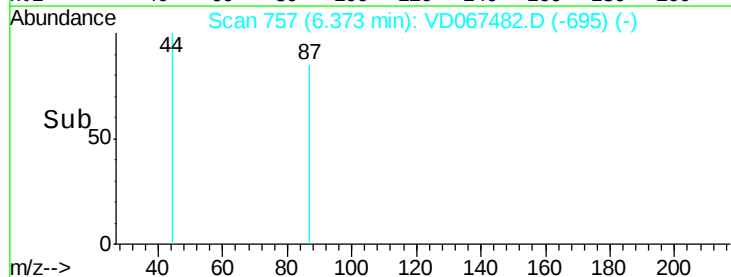
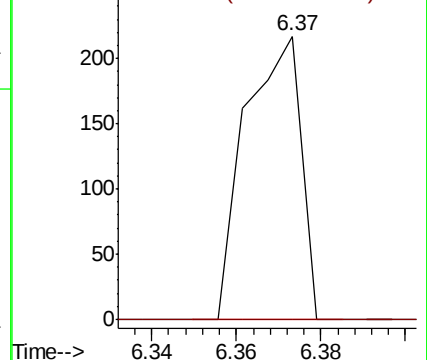
Ion Ratio Lower Upper

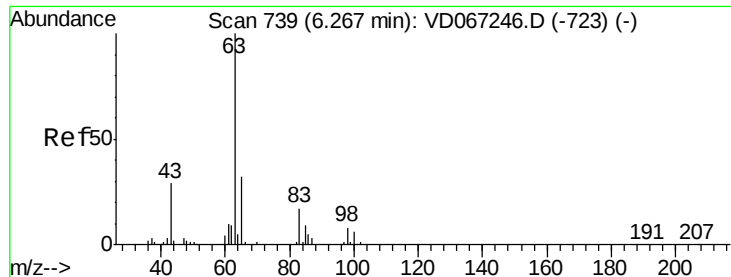
43 100

86 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC





#24

1,1-Dichloroethane

Concen: 3.159 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

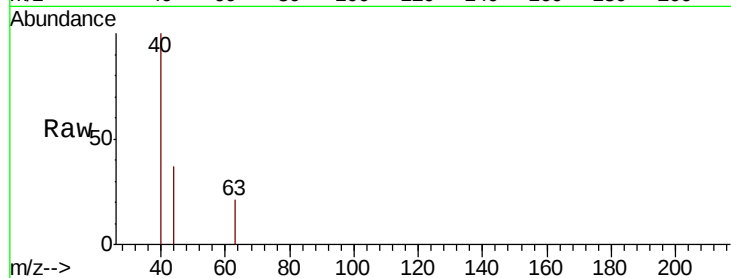
Tot Ion: 63 Resp: 57

Ion Ratio Lower Upper

63 100

98 0.0 4.0 12.2#

100 0.0 2.8 8.4#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

250

200

150

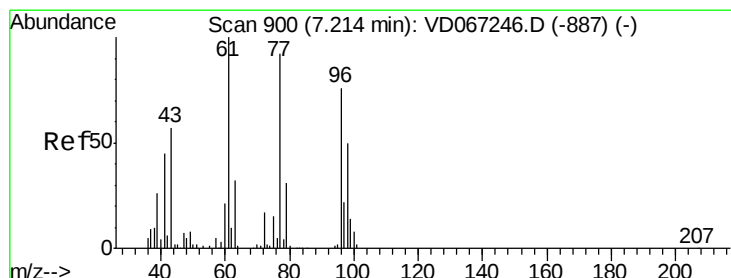
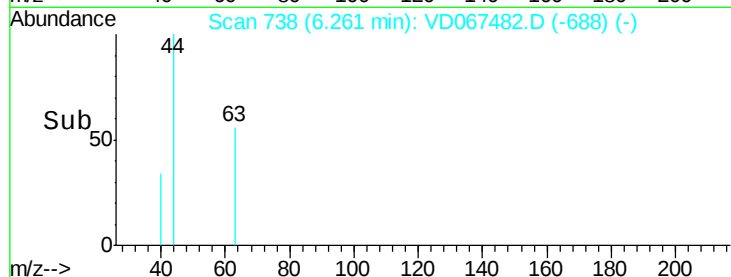
100

50

0

6.25 6.26 6.27

Time-->



#25

2-Butanone

Concen: 504.392 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067482.D

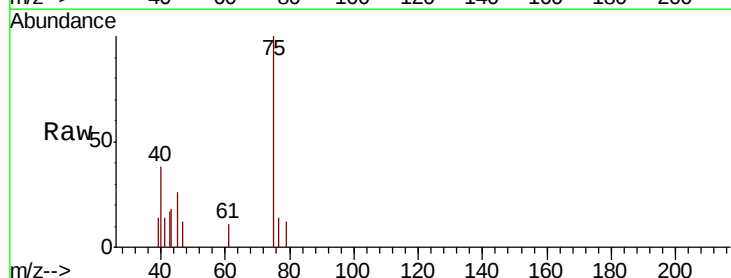
Acq: 02 Nov 2020 09:10

Tgt Ion: 43 Resp: 985

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

600

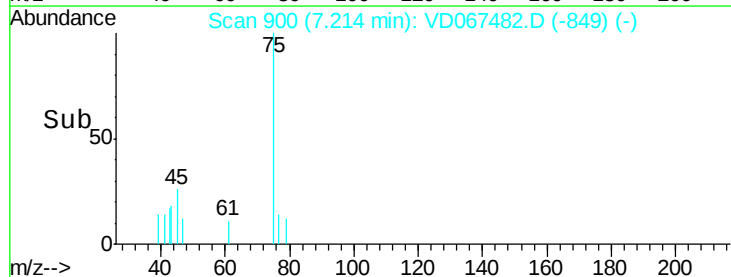
400

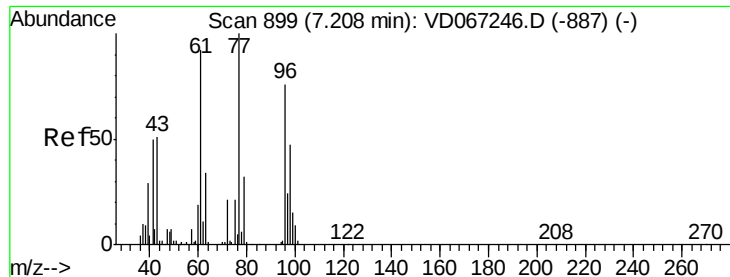
200

0

7.15 7.20 7.25

Time-->

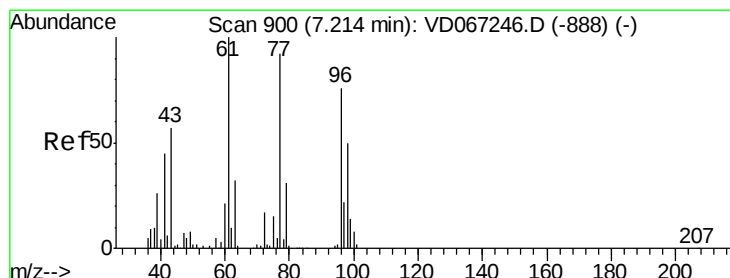
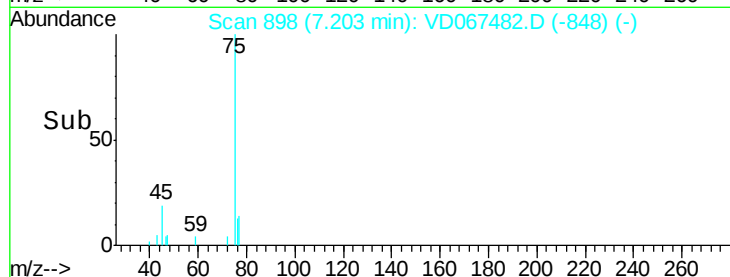
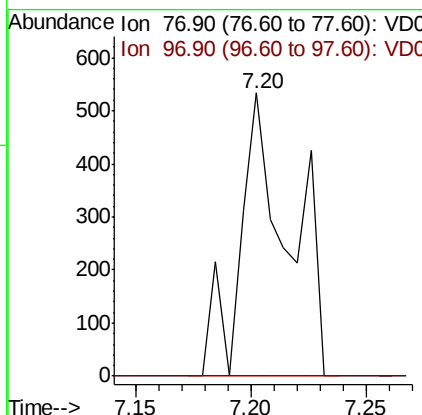
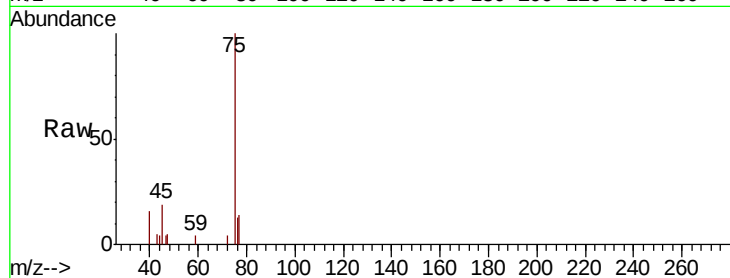




#26
 2,2-Dichloropropane
 Concen: 42.419 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

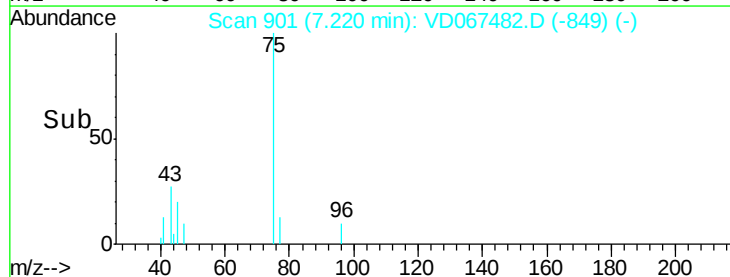
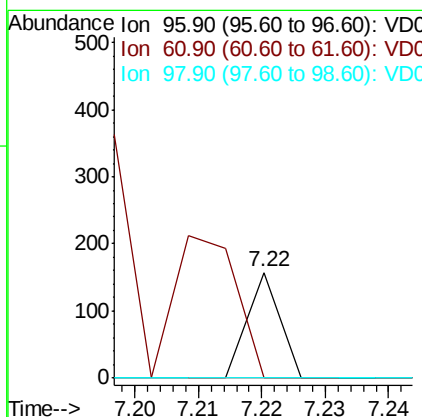
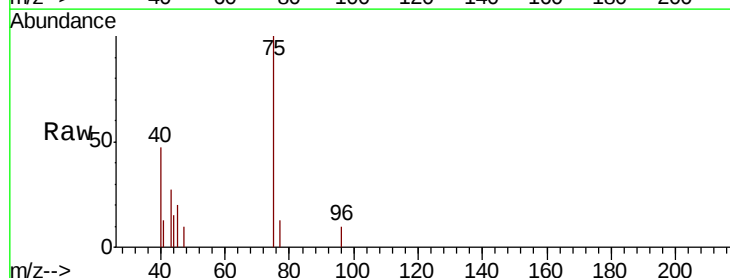
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

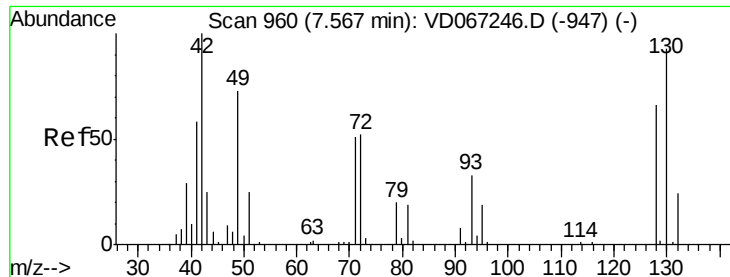
Tot Ion: 77 Resp: 789
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.4 34.2#



#27
 cis-1,2-Dichloroethene
 Concen: 4.327 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

Tgt Ion: 96 Resp: 55
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 255.4
 98 0.0 0.0 128.0





#29

Tetrahydrofuran

Concen: 1077.797 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampled :

BFB

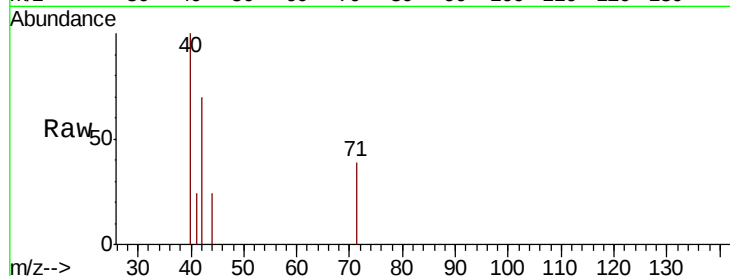
Tot Ion: 42 Resp: 1170

Ion Ratio Lower Upper

42 100

72 38.5 43.2 64.8#

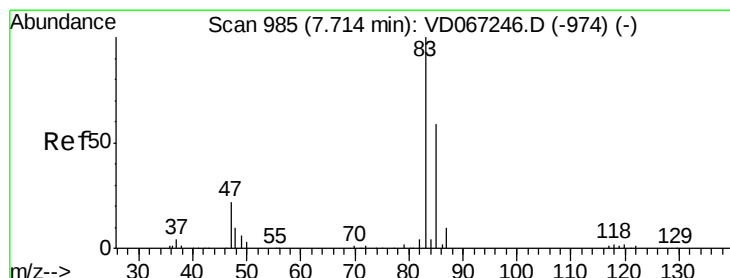
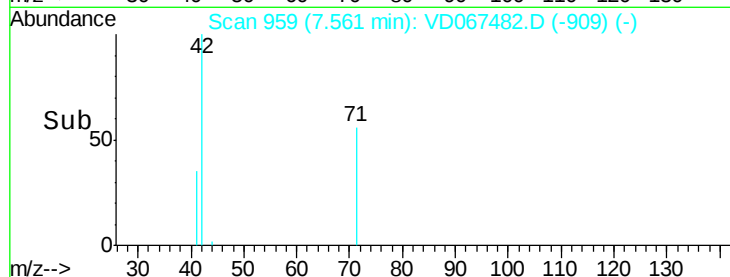
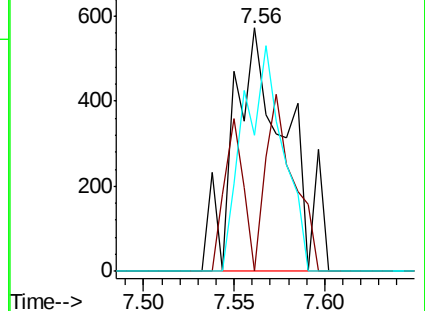
71 68.5 39.4 59.0#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 14.798 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD067482.D

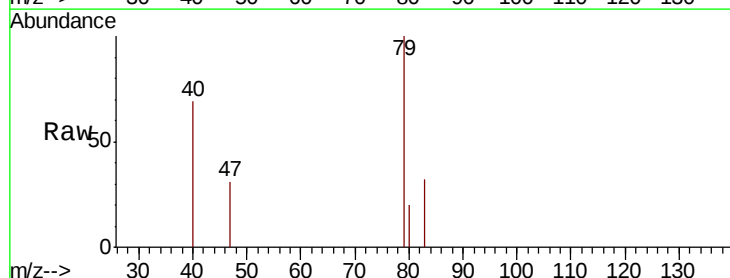
Acq: 02 Nov 2020 09:10

Tgt Ion: 83 Resp: 319

Ion Ratio Lower Upper

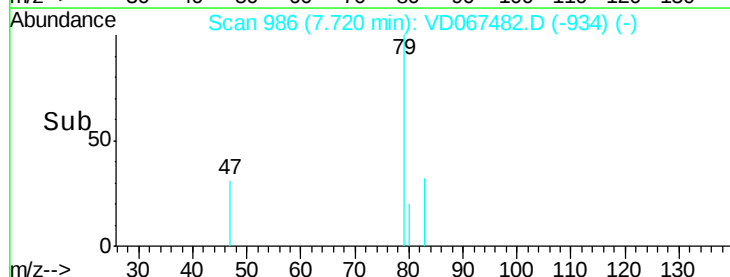
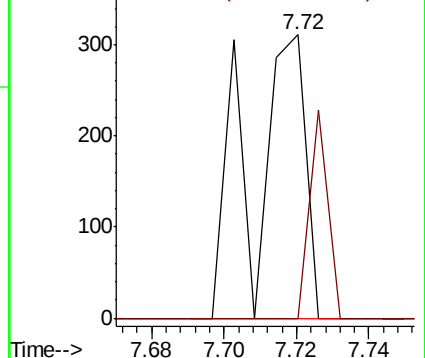
83 100

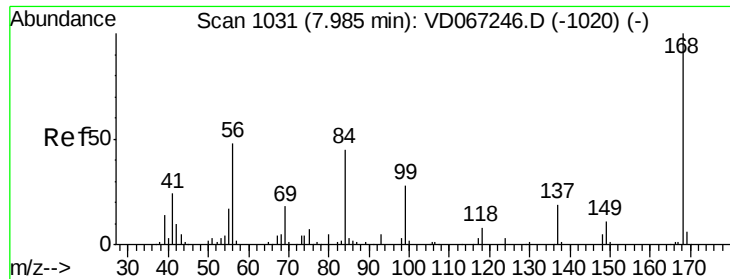
85 0.0 47.3 70.9#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 52.025 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

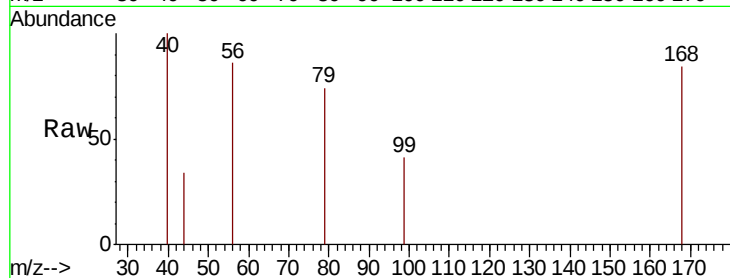
Tot Ion: 56 Resp: 733

Ion Ratio Lower Upper

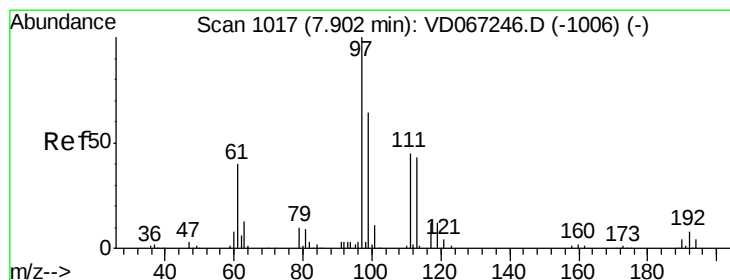
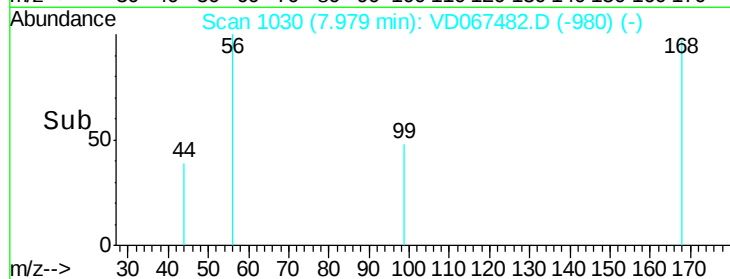
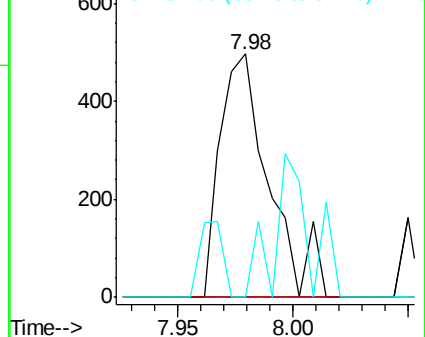
56 100

69 0.0 29.8 44.6#

84 0.0 76.6 114.8#



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



#32

1,1,1-Trichloroethane

Concen: 35.270 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

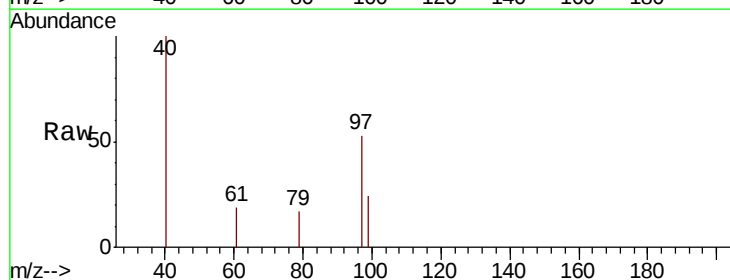
Tgt Ion: 97 Resp: 746

Ion Ratio Lower Upper

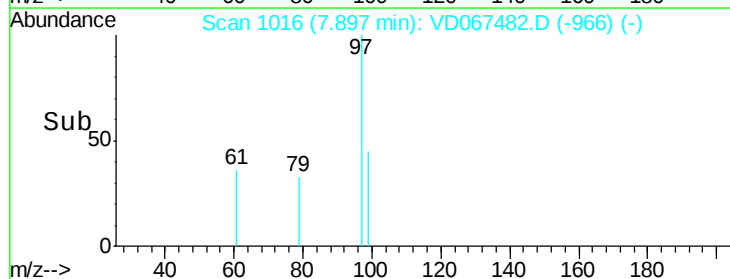
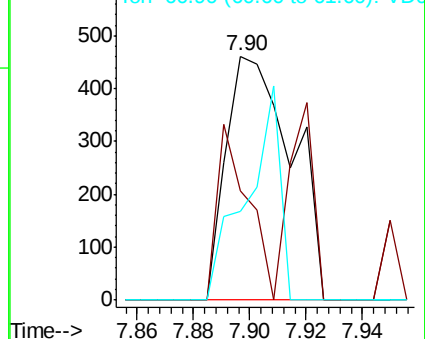
97 100

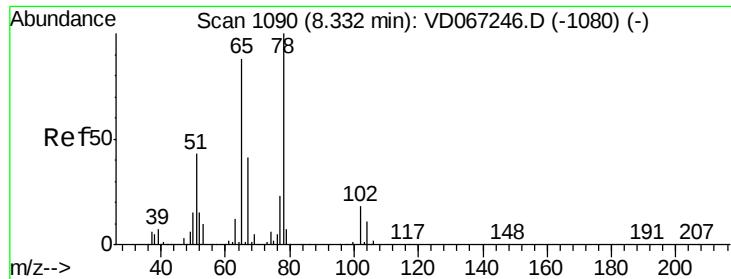
99 33.5 50.2 75.4#

61 0.0 30.5 45.7#



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





#33

1,2-Dichloroethane-d4

Concen: 8.911 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

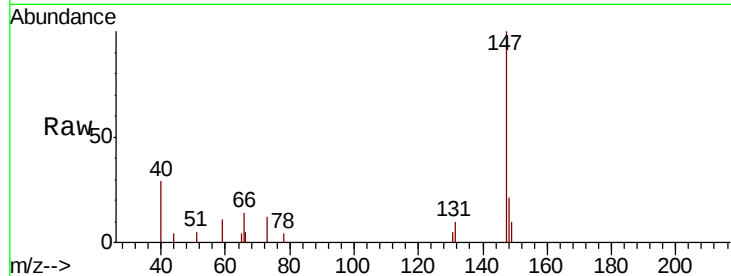
BFB

Tot Ion: 65 Resp: 109

Ion Ratio Lower Upper

65 100

67 0.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

150

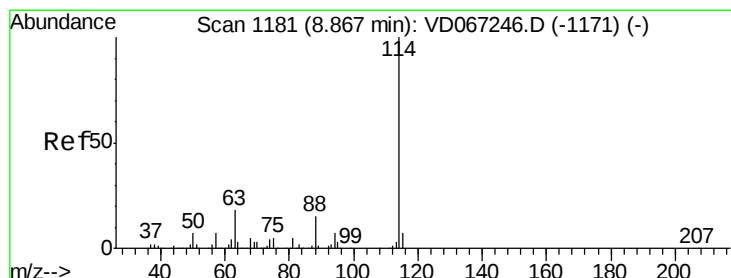
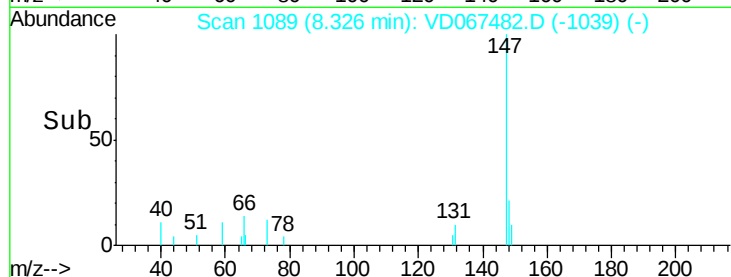
100

50

0

8.30 8.32 8.34 8.36

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

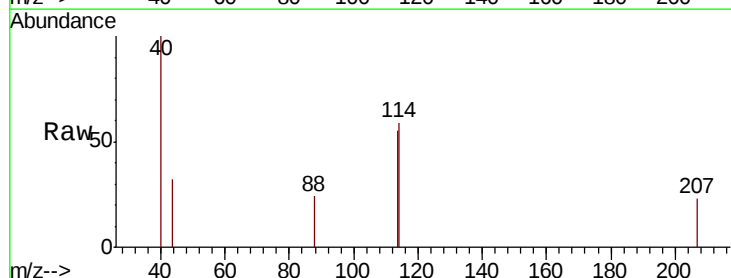
Tgt Ion: 114 Resp: 1383

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.0

88 20.6 0.0 30.6



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

1000

800

600

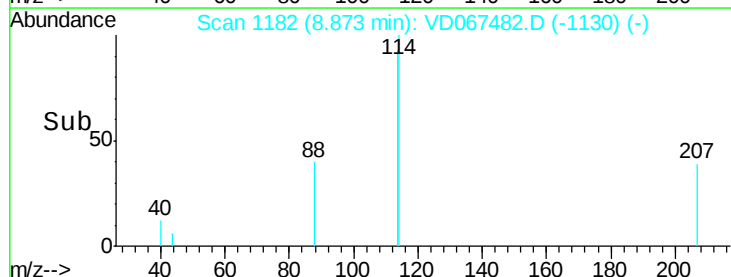
400

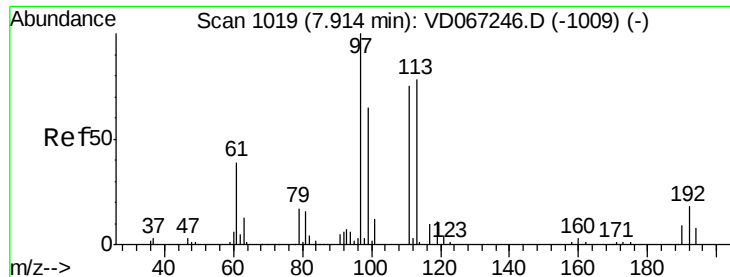
200

0

8.85 8.87 8.90

Time-->

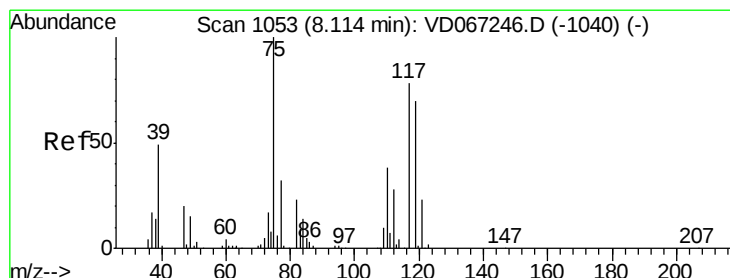
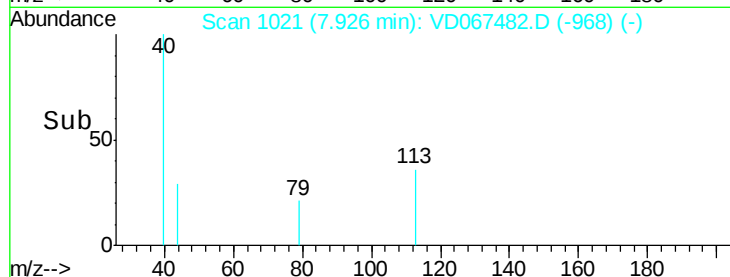
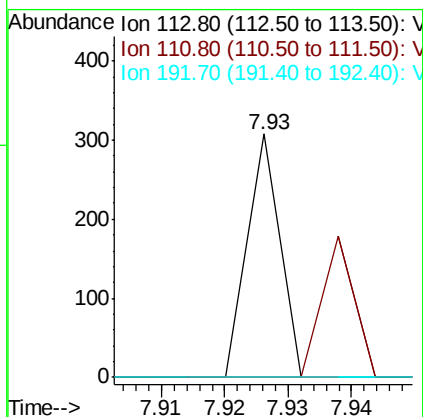
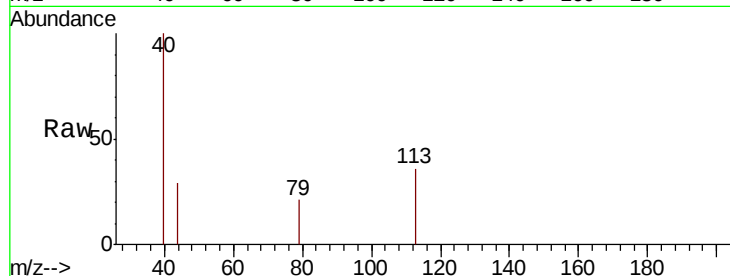




#35
 Dibromofluoromethane
 Concen: 11.843 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

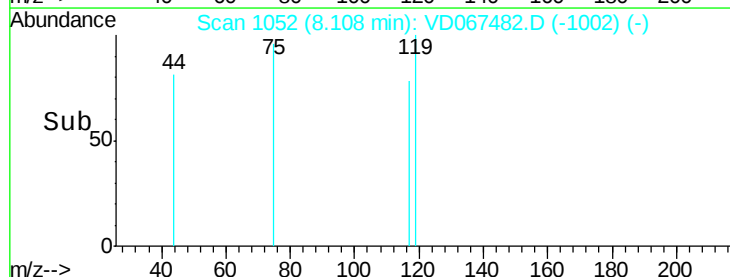
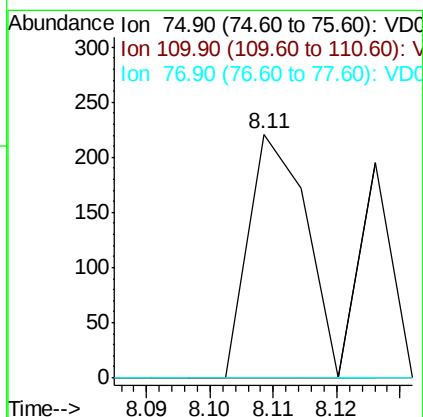
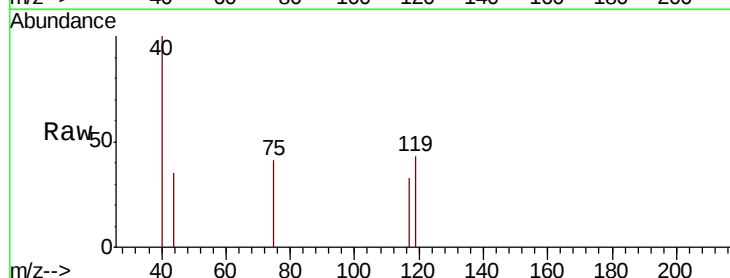
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

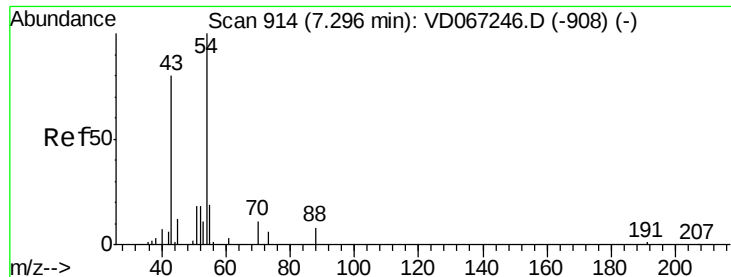
Tot Ion:113 Resp: 109
 Ion Ratio Lower Upper
 113 100
 111 57.8 81.6 122.4#
 192 0.0 17.0 25.4#



#36
 1,1-Dichloropropene
 Concen: 11.858 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

Tgt Ion: 75 Resp: 139
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.6 58.7#
 77 0.0 24.6 37.0#

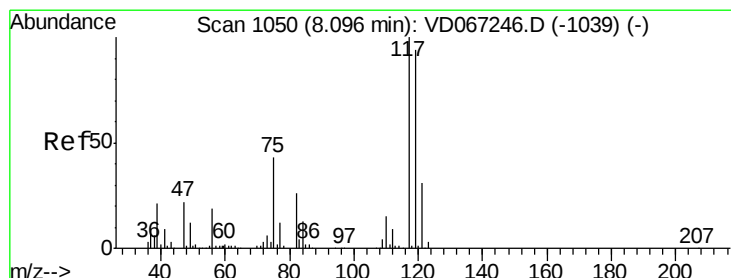
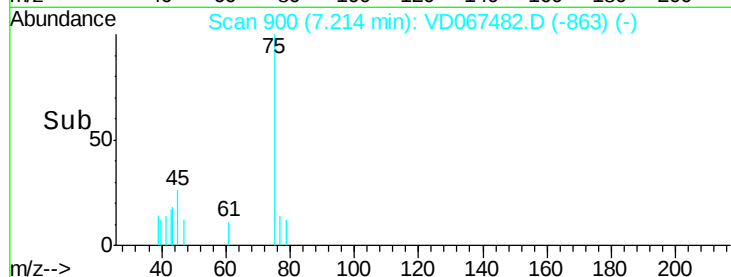
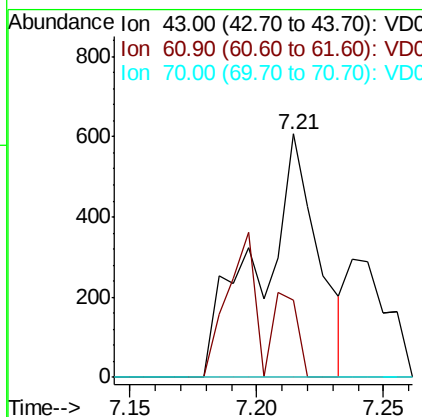
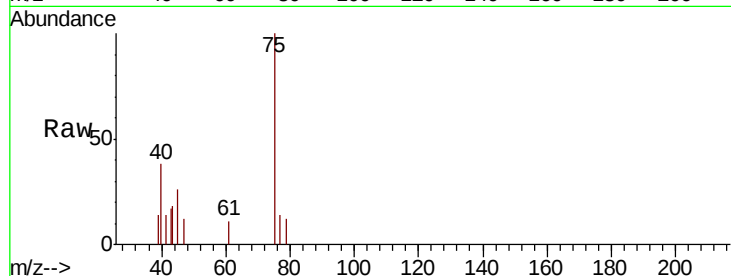




#37
Ethyl Acetate
Concen: 285.609 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.08 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

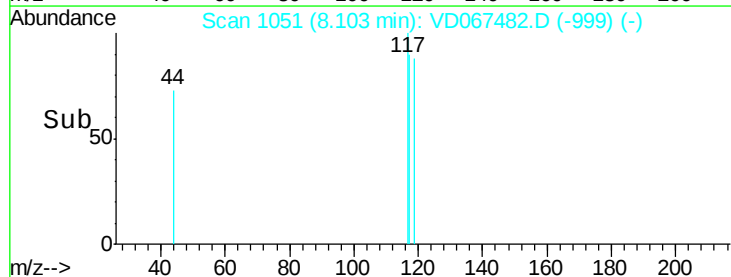
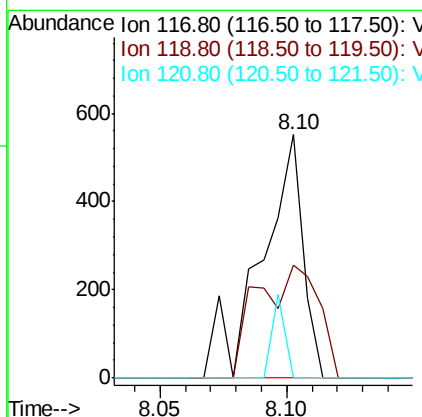
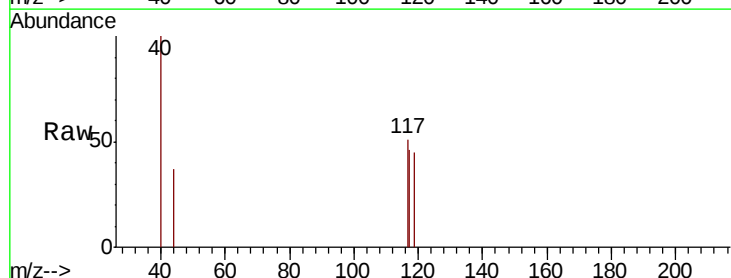
Instrument :
MSVOA_D
ClientSampled :
BFB

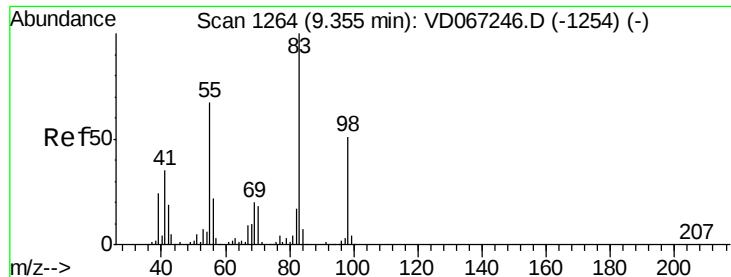
Tot Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
61 42.1 15.6 23.4#
70 0.0 10.4 15.6#



#38
Carbon Tetrachloride
Concen: 42.385 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion: 117 Resp: 635
Ion Ratio Lower Upper
117 100
119 46.4 75.0 112.4#
121 0.0 24.9 37.3#

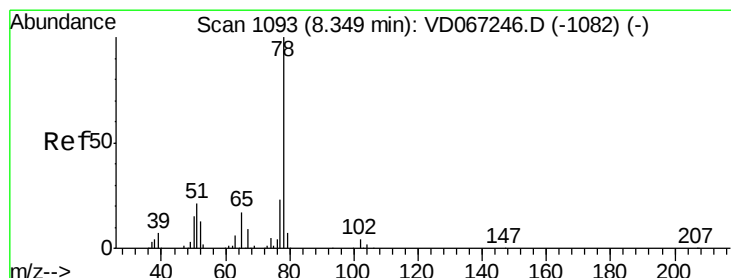
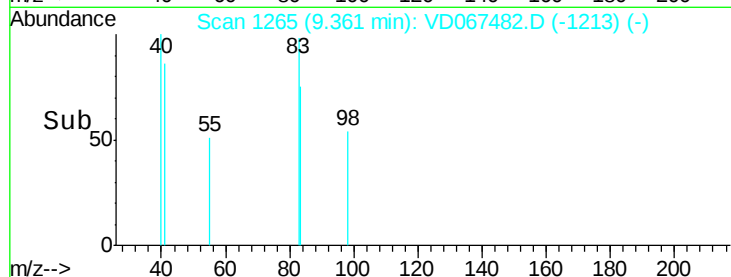
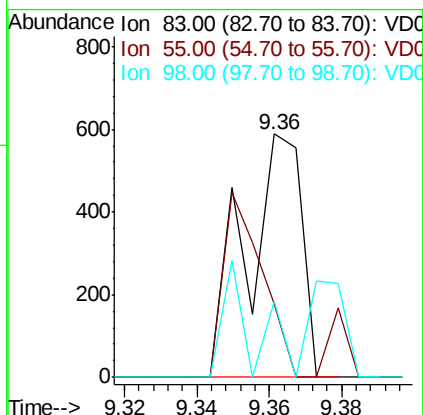
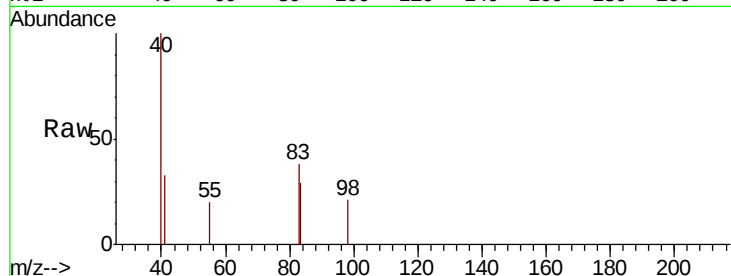




#39
Methvlcvclohexane
Concen: 50.594 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

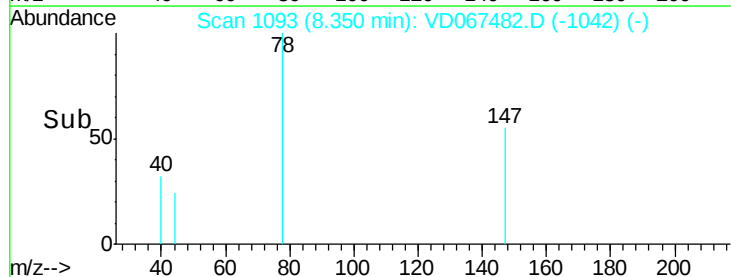
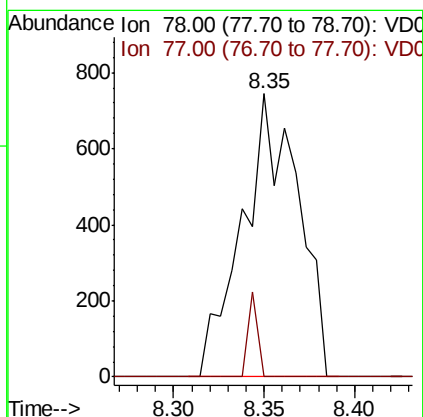
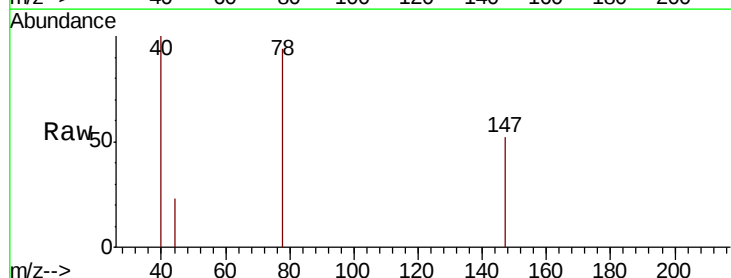
Instrument :
MSVOA_D
ClientSampleId :
BFB

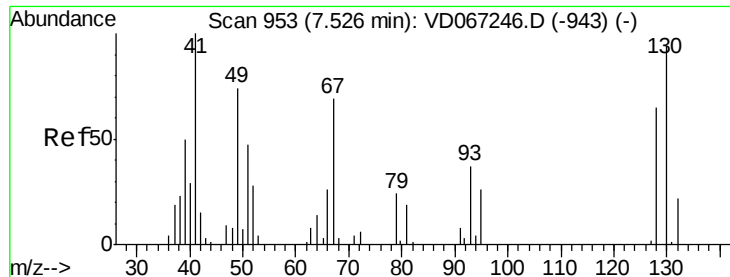
Tot Ion: 83 Resp: 620
Ion Ratio Lower Upper
83 100
55 29.9 53.3 79.9#
98 31.2 41.0 61.4#



#40
Benzene
Concen: 49.817 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion: 78 Resp: 1602
Ion Ratio Lower Upper
78 100
77 0.0 18.3 27.5#

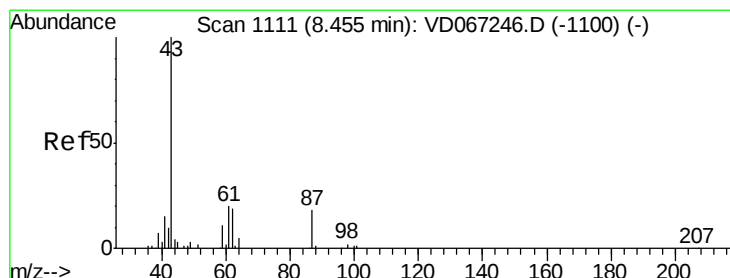
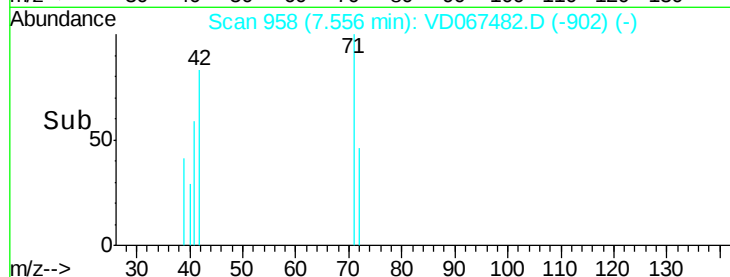
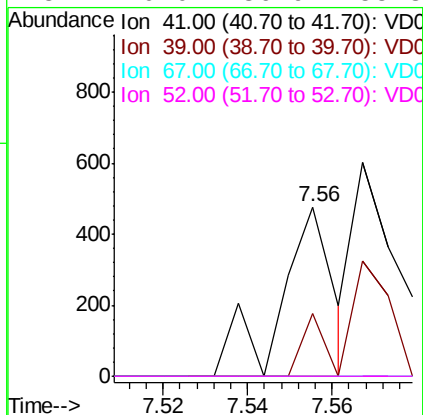
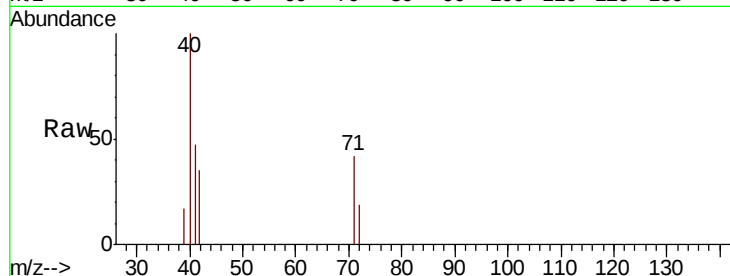




#41
Methacrylonitrile
Concen: 221.069 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.03 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

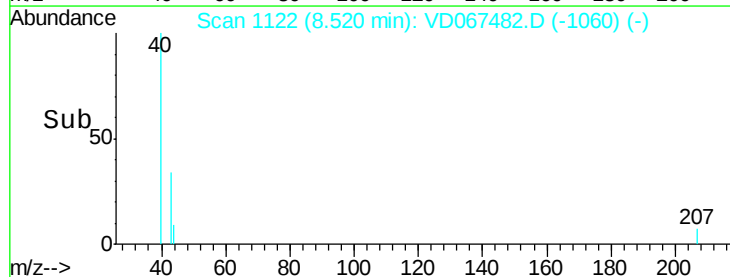
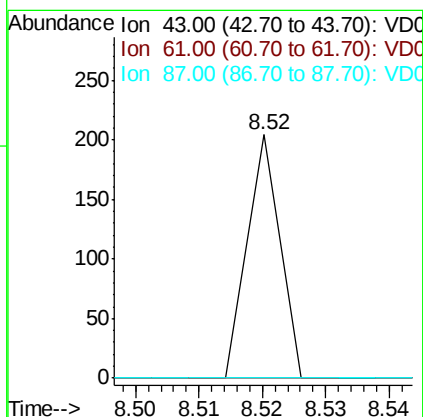
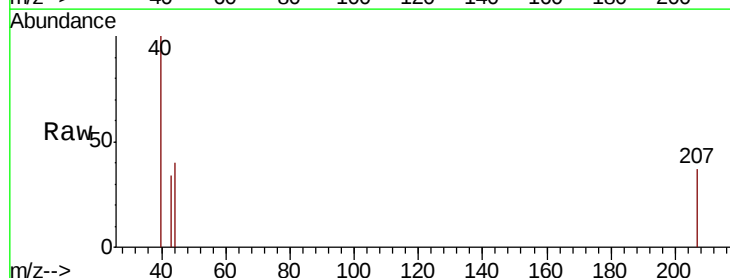
Instrument :
MSVOA_D
ClientSampleId :
BFB

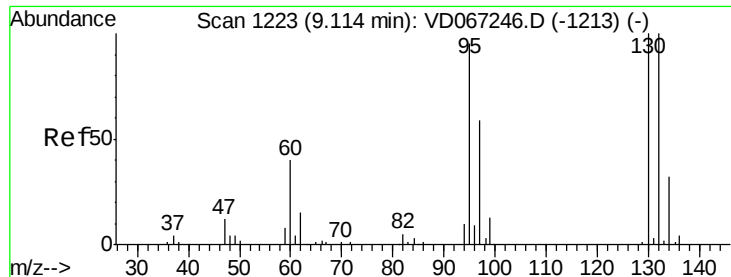
Tot Ion: 41 Resp: 412
Ion Ratio Lower Upper
41 100
39 0.0 60.0 90.0#
67 0.0 88.9 133.3#
52 0.0 36.9 55.3#



#43
Isopropyl Acetate
Concen: 10.521 ug/l
RT: 8.52 min Scan# 1122
Delta R.T. 0.06 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
61 0.0 29.5 44.3#
87 0.0 14.2 21.4#





#44

Trichloroethene

Concen: 16.997 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampled :

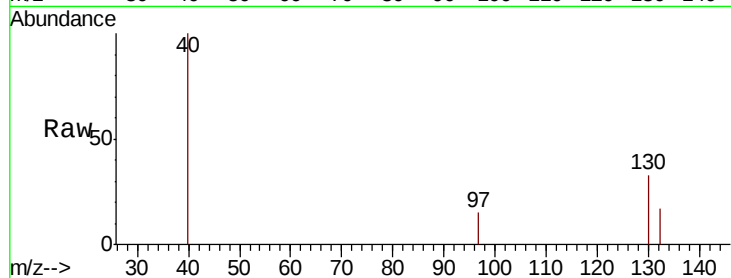
BFB

Tot Ion:130 Resp: 175

Ion Ratio Lower Upper

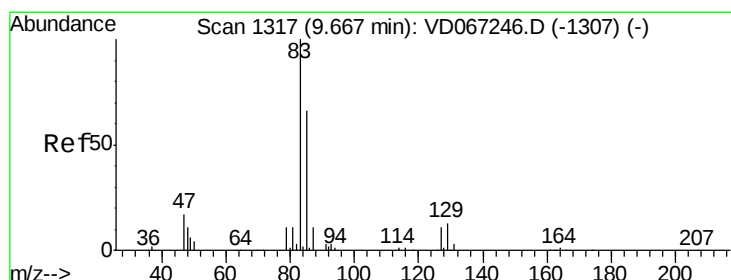
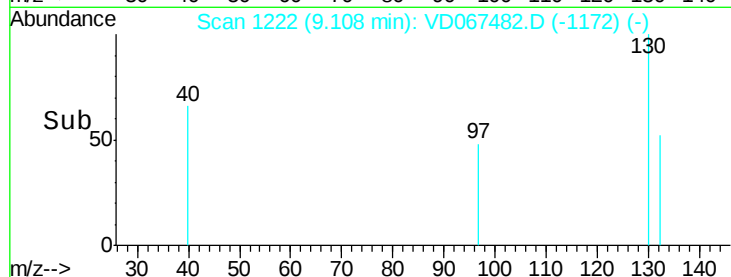
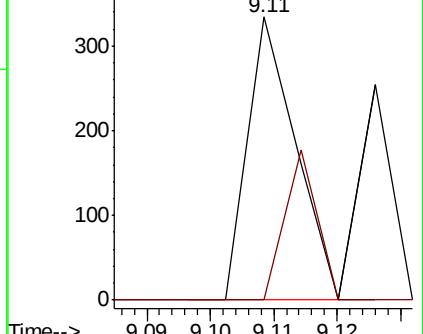
130 100

95 0.0 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#47

Bromodichloromethane

Concen: 5.225 ug/l

RT: 9.93 min Scan# 1361

Delta R.T. 0.26 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

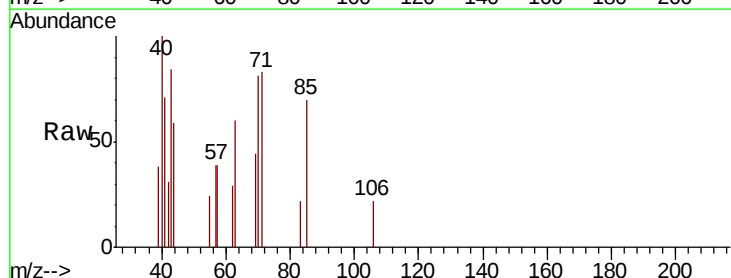
Tgt Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

85 325.0 53.1 79.7#

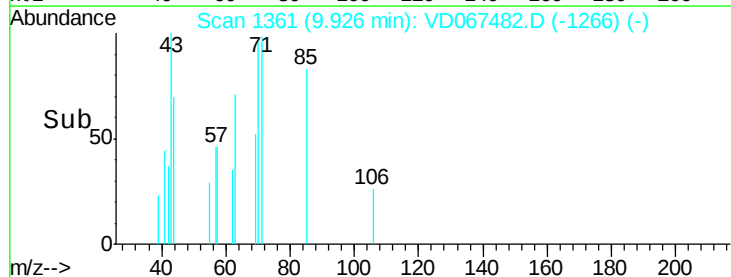
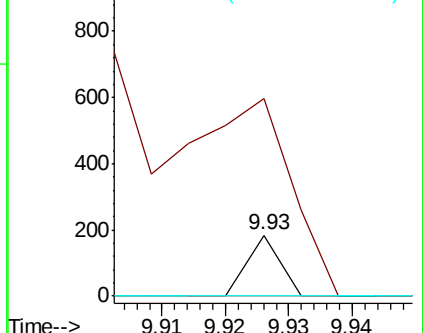
127 0.0 8.6 13.0#

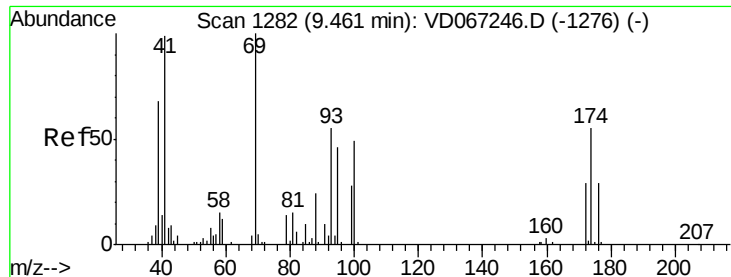


Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): V

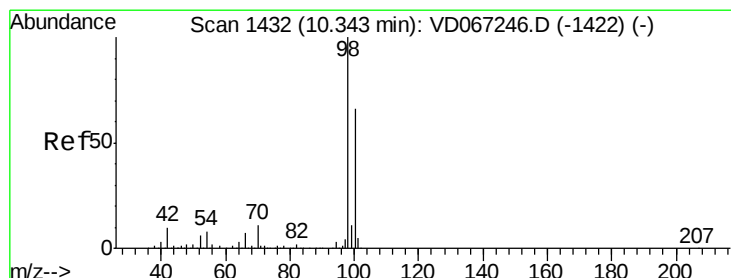
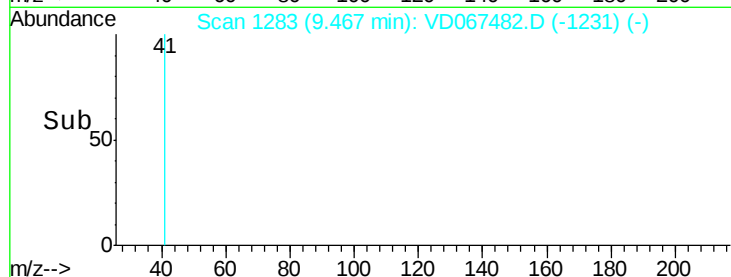
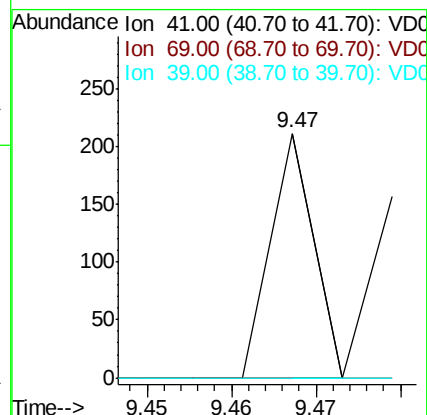
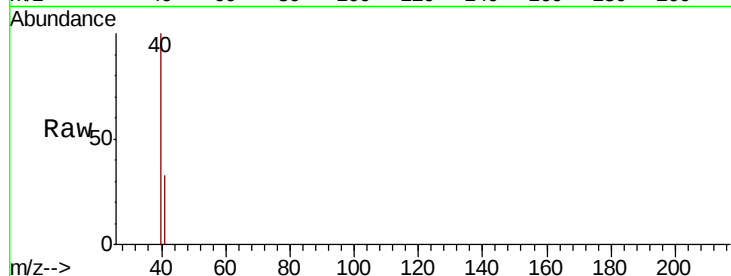




#48
Methvl methacrylate
Concen: 22.252 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

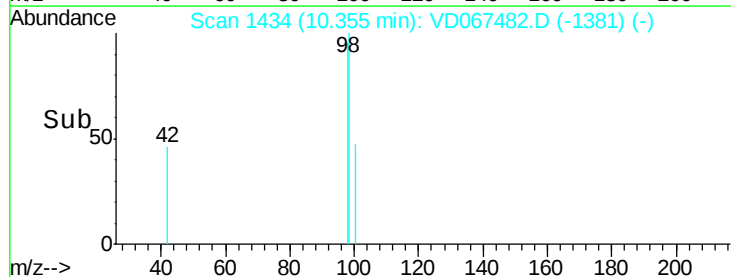
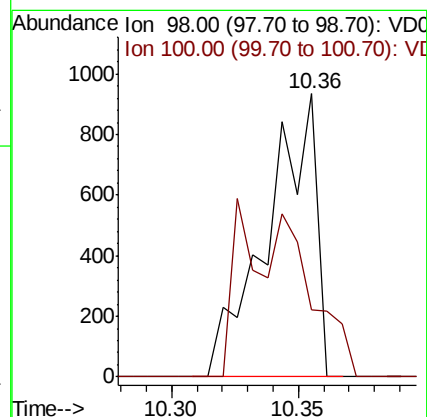
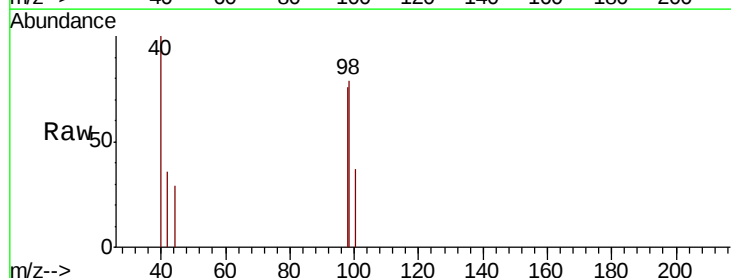
Instrument :
MSVOA_D
ClientSampled :
BFB

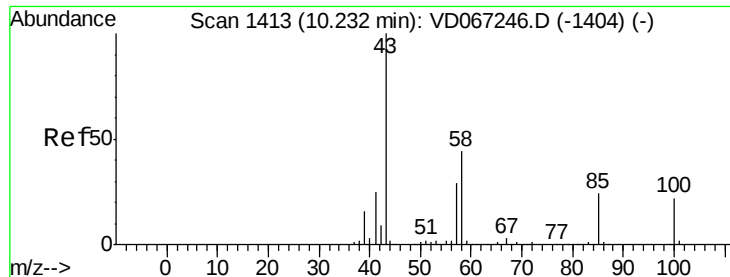
Tot Ion: 41 Resp: 74
Ion Ratio Lower Upper
41 100
69 0.0 89.0 133.6#
39 0.0 60.2 90.2#



#50
Toluene-d8
Concen: 37.889 ug/l
RT: 10.36 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion: 98 Resp: 1262
Ion Ratio Lower Upper
98 100
100 0.0 53.1 79.7#





#51

4-Methyl-2-Pentanone

Concen: 89.066 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

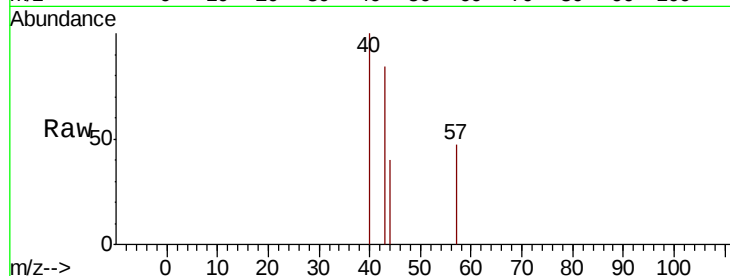
BFB

Tot Ion: 43 Resp: 304

Ion Ratio Lower Upper

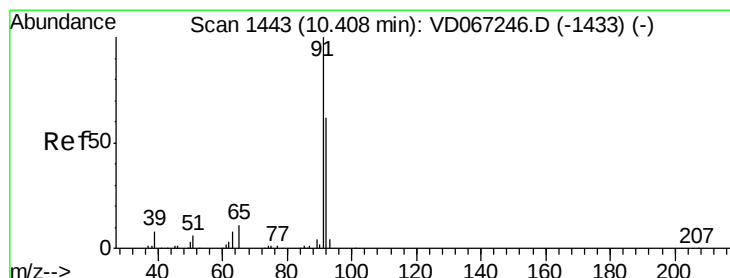
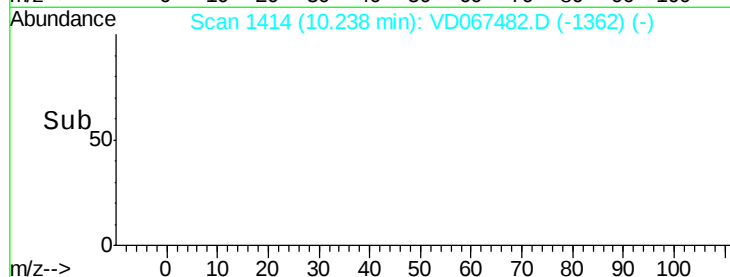
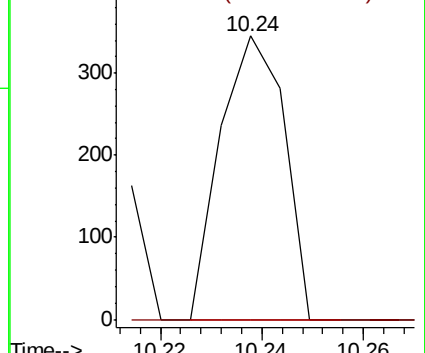
43 100

58 0.0 35.7 53.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 65.244 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD067482.D

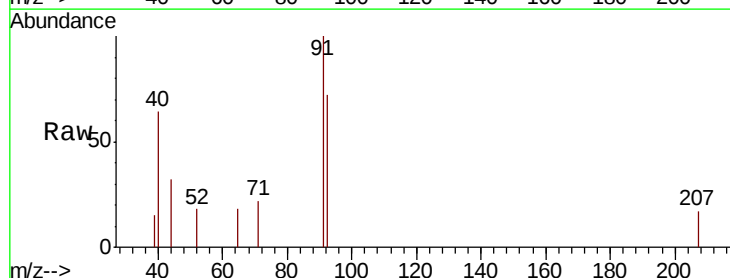
Acq: 02 Nov 2020 09:10

Tgt Ion: 92 Resp: 1429

Ion Ratio Lower Upper

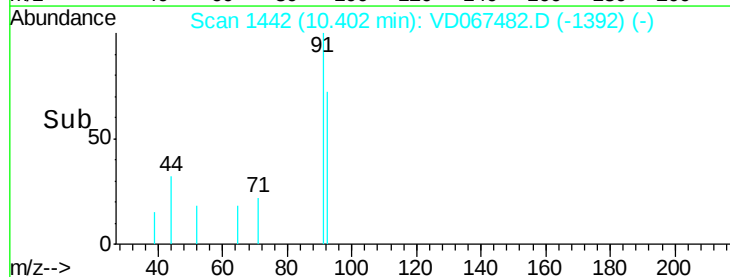
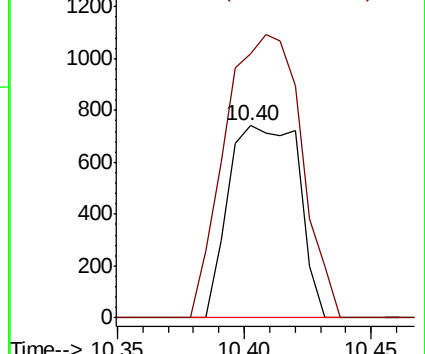
92 100

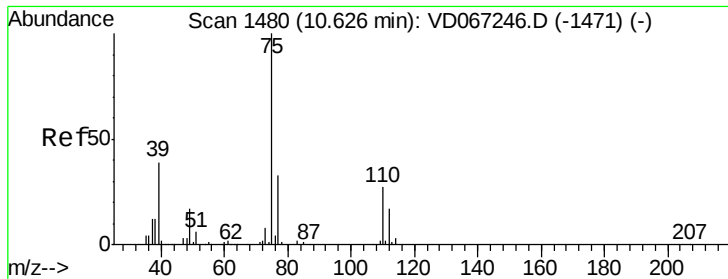
91 160.0 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 4.941 ug/l

RT: 10.72 min Scan# 1496

Delta R.T. 0.09 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampled :

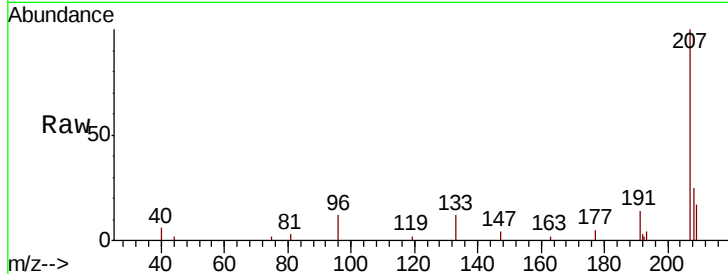
BFB

Tot Ion: 75 Resp: 54

Ion Ratio Lower Upper

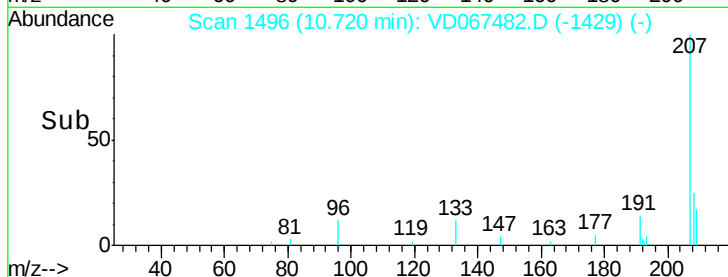
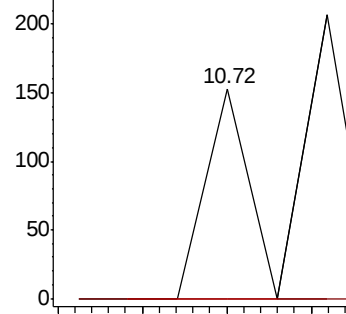
75 100

77 0.0 26.5 39.7#

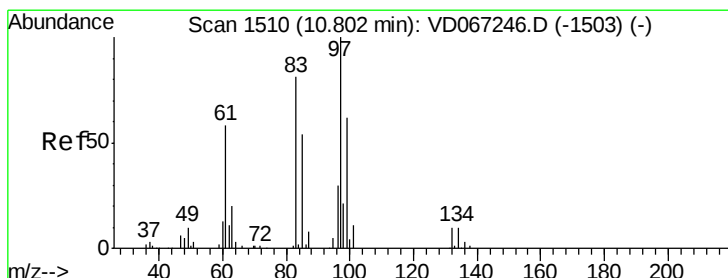


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



Time-->



#55

1,1,2-Trichloroethane

Concen: 17.688 ug/l

RT: 10.71 min Scan# 1494

Delta R.T. -0.09 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Tgt Ion: 97 Resp: 112

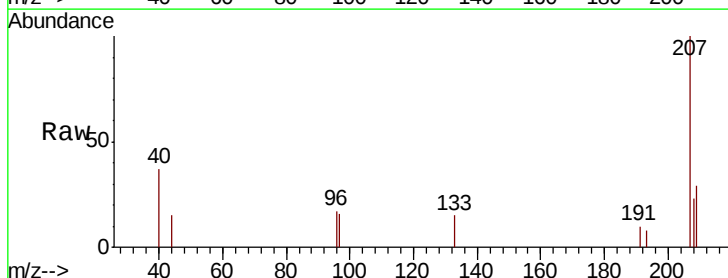
Ion Ratio Lower Upper

97 100

83 0.0 64.9 97.3#

85 0.0 43.3 64.9#

99 0.0 49.1 73.7#

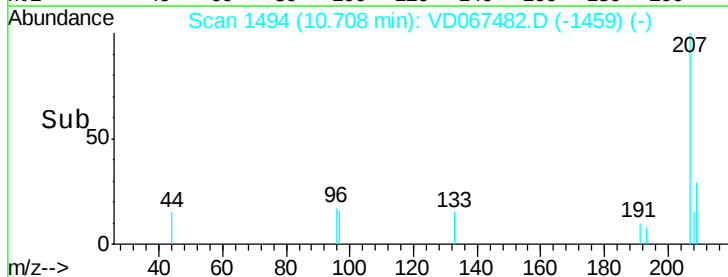
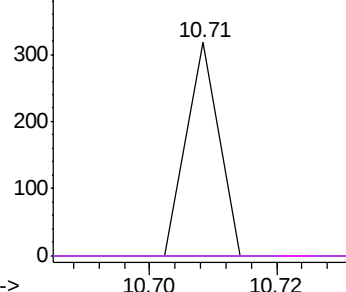


Abundance Ion 96.90 (96.60 to 97.60): VDC

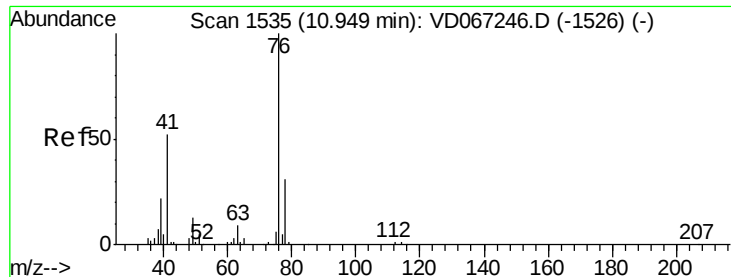
Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#57

1,3-Dichloropropane

Concen: 15.382 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

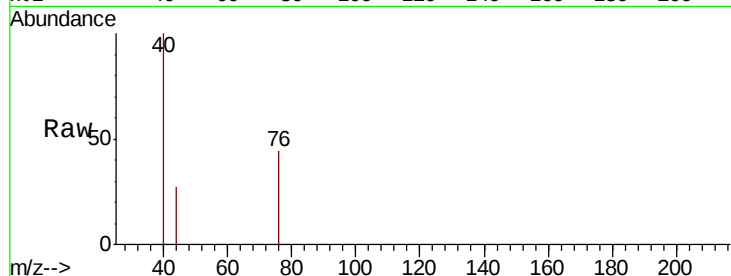
BFB

Tot Ion: 76 Resp: 155

Ion Ratio Lower Upper

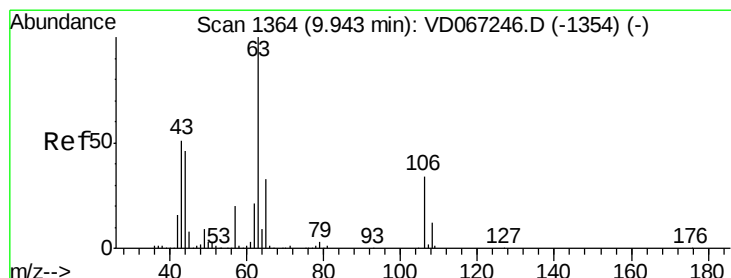
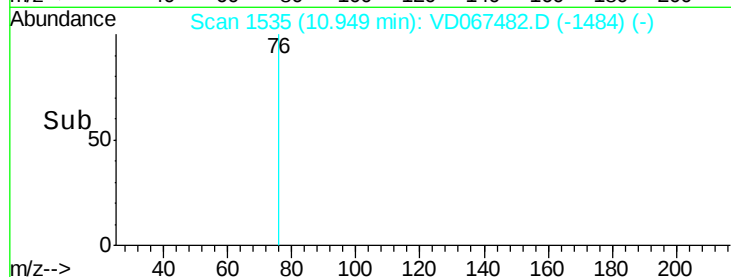
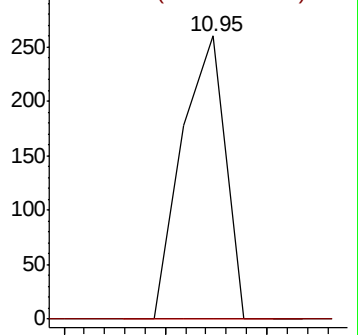
76 100

78 0.0 26.8 40.2#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 1000.640 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067482.D

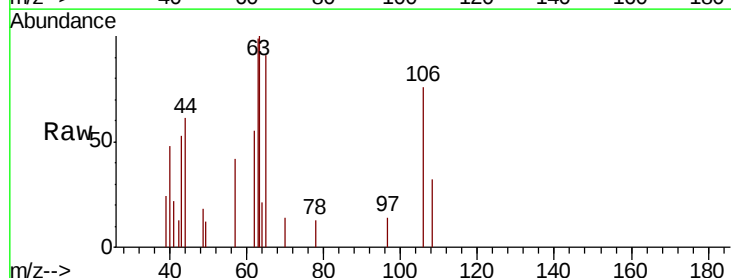
Acq: 02 Nov 2020 09:10

Tgt Ion: 63 Resp: 3371

Ion Ratio Lower Upper

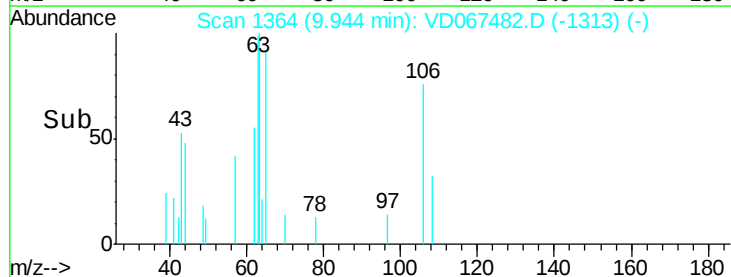
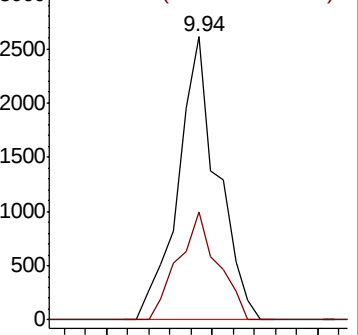
63 100

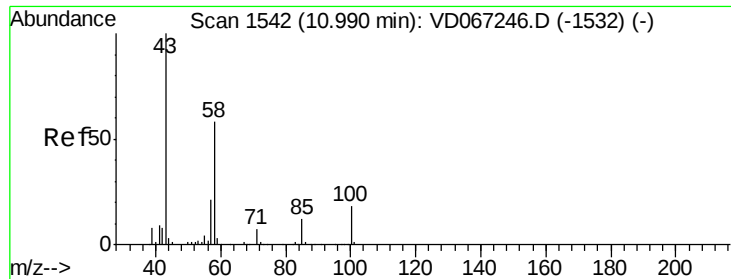
106 38.2 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

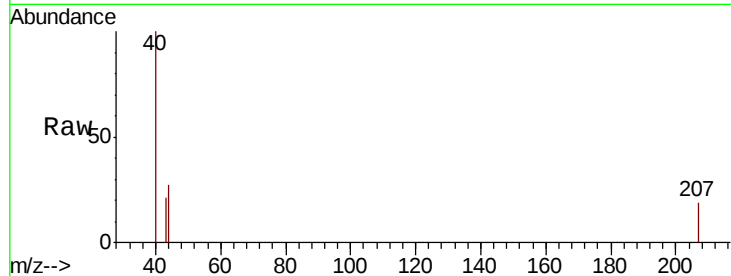




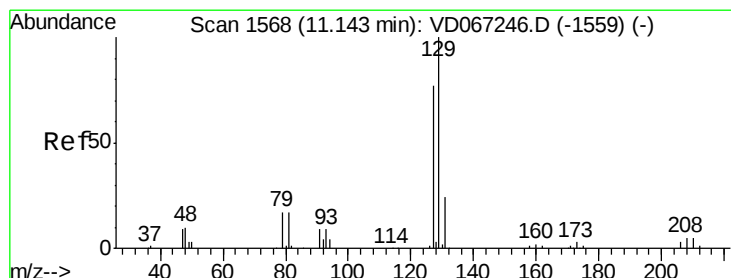
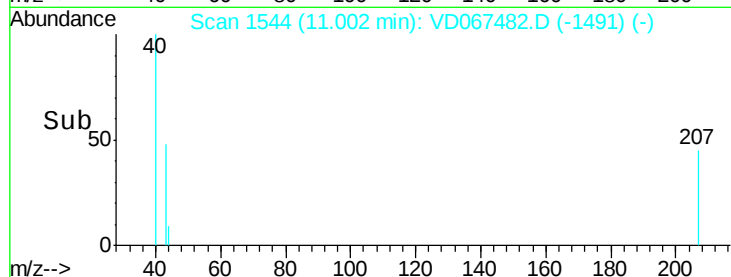
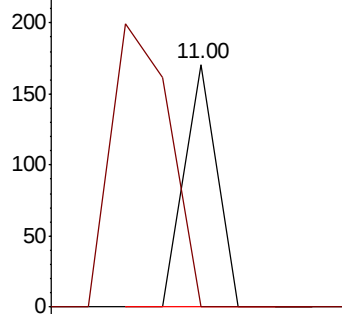
#59
2-Hexanone
Concen: 25.725 ug/l
RT: 11.00 min Scan# 1544
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 211.7 29.3 87.9#

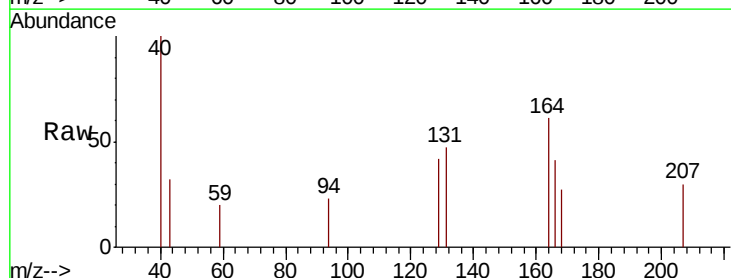


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

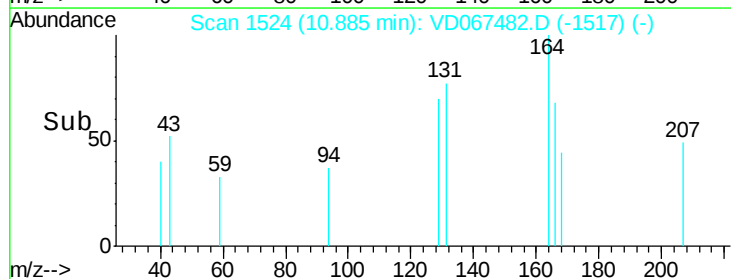
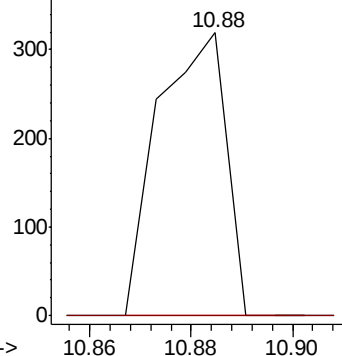


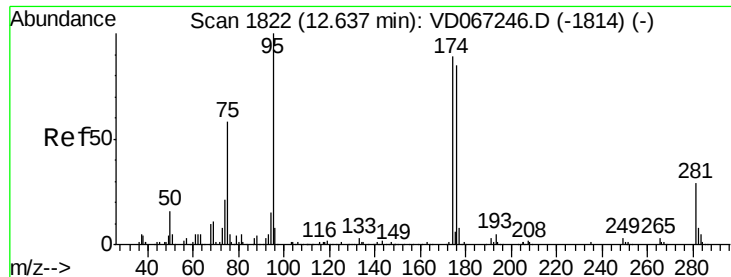
#60
Dibromochloromethane
Concen: 32.054 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. -0.26 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion: 129 Resp: 296
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 33475.454 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

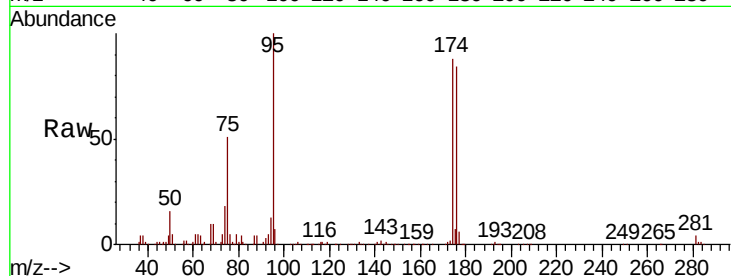
Tot Ion: 95 Resp: 387710

Ion Ratio Lower Upper

95 100

174 89.0 0.0 175.2

176 86.9 0.0 168.6



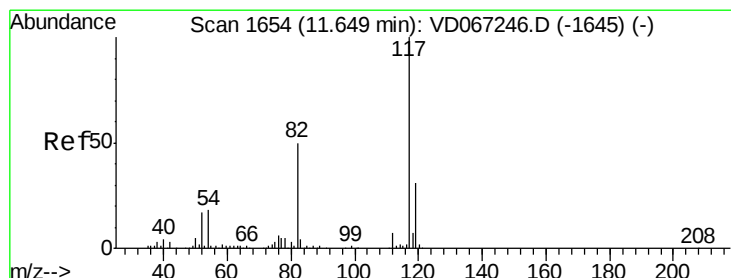
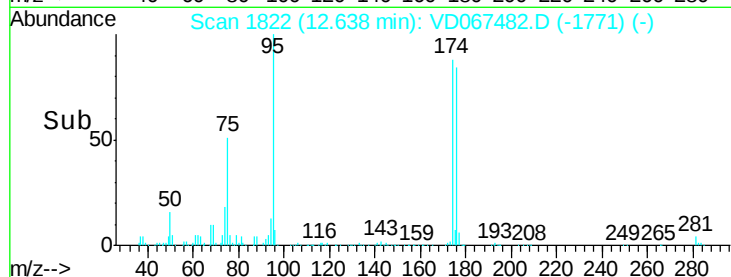
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time--> 12.55 12.60 12.65 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.66 min Scan# 1655

Delta R.T. 0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

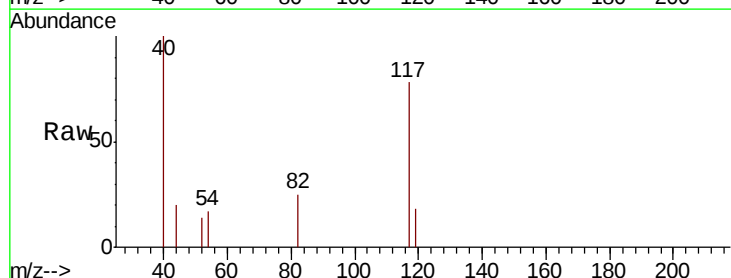
Tgt Ion: 117 Resp: 1106

Ion Ratio Lower Upper

117 100

82 31.4 39.9 59.9#

119 22.5 24.9 37.3#



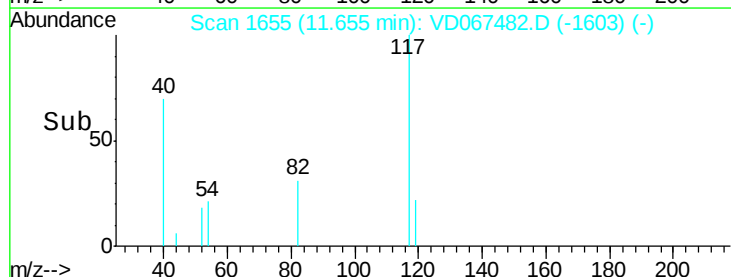
Abundance Ion 116.90 (116.60 to 117.60): V

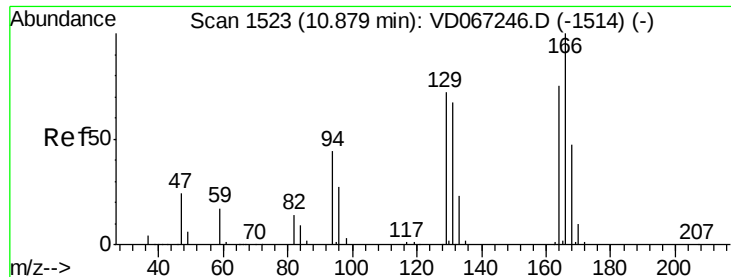
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.66

Time--> 11.60 11.65

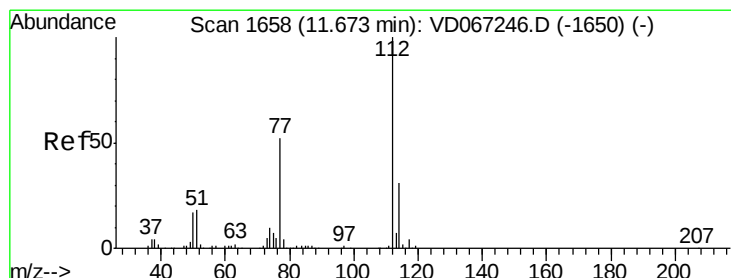
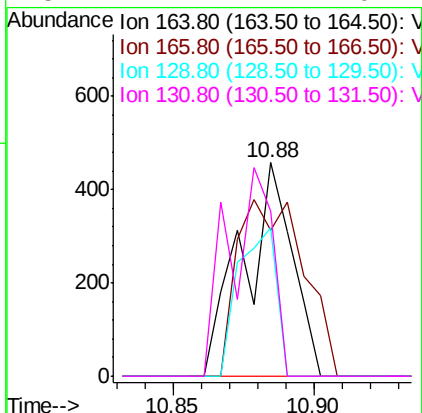
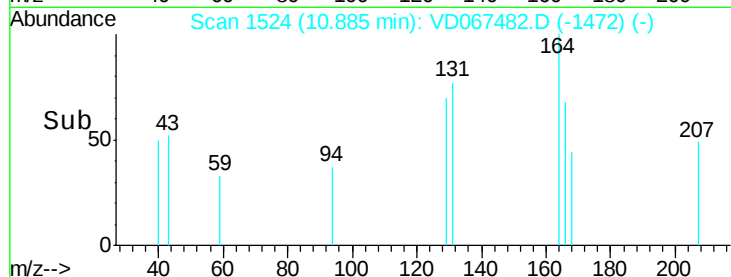
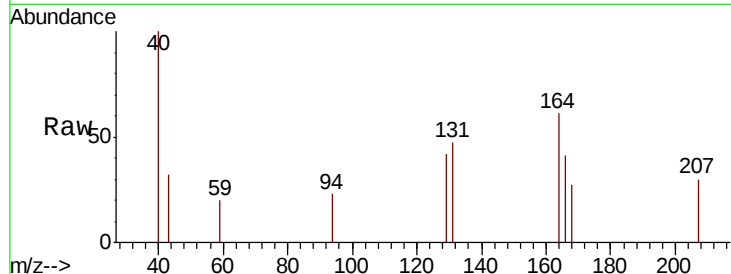




#64
Tetrachloroethene
Concen: 69.260 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

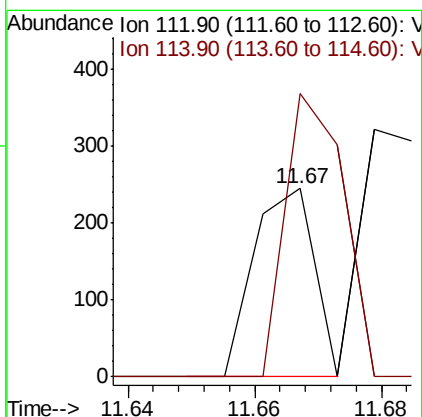
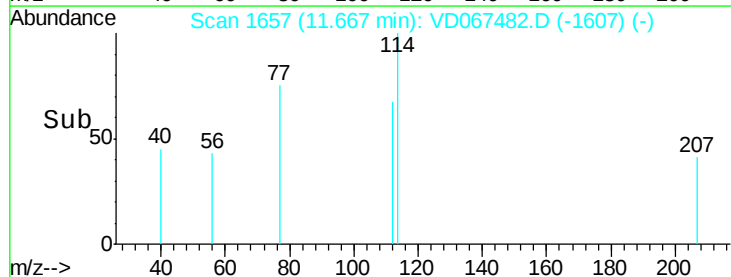
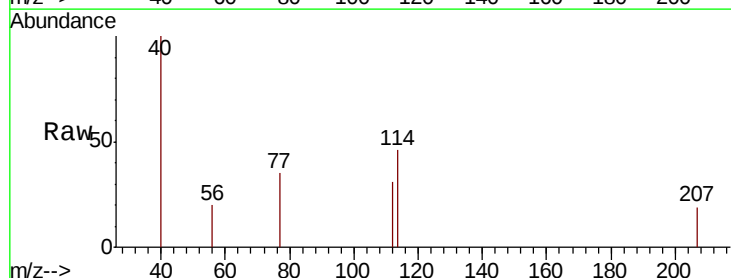
Instrument :
MSVOA_D
ClientSampleId :
BFB

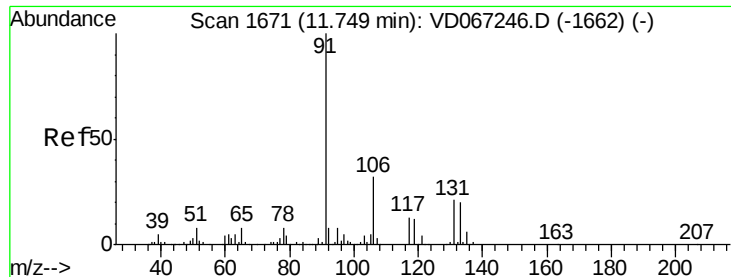
Tot Ion:164 Resp: 555
Ion Ratio Lower Upper
164 100
166 68.1 107.3 160.9#
129 69.7 77.3 115.9#
131 77.1 71.4 107.2



#65
Chlorobenzene
Concen: 7.638 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion:112 Resp: 162
Ion Ratio Lower Upper
112 100
114 150.2 25.0 37.4#

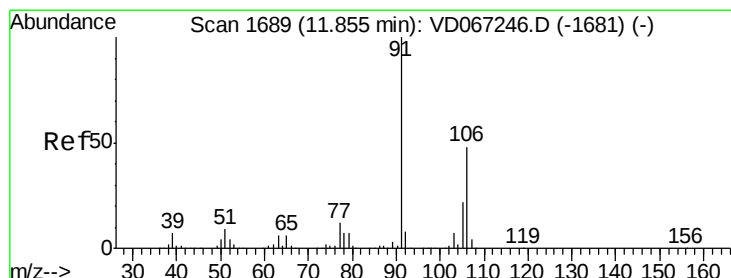
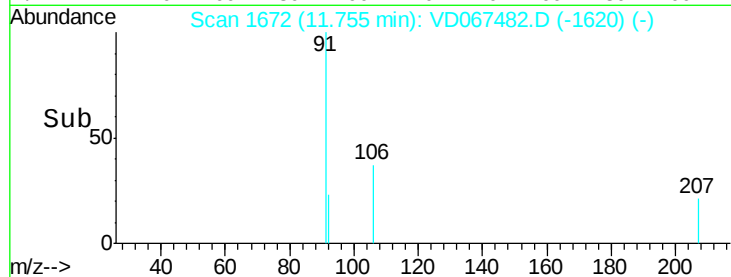
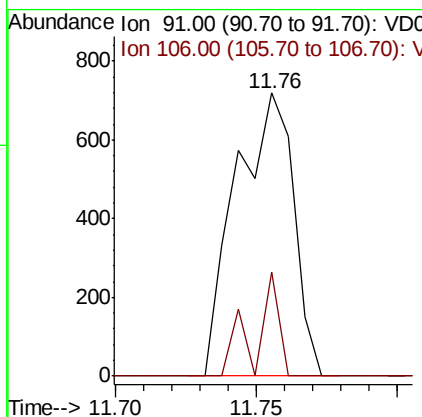
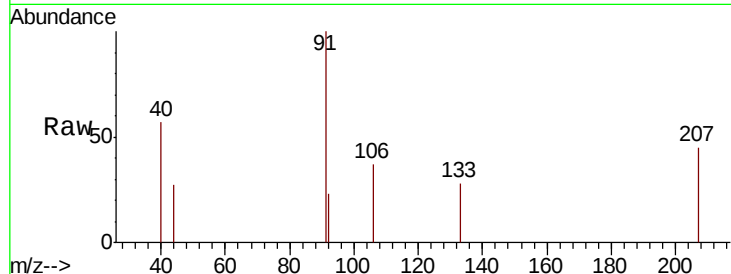




#67
Ethyl Benzene
Concen: 28.001 ug/l
RT: 11.76 min Scan# 1672
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

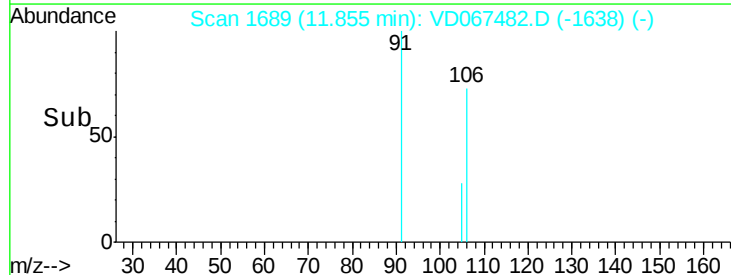
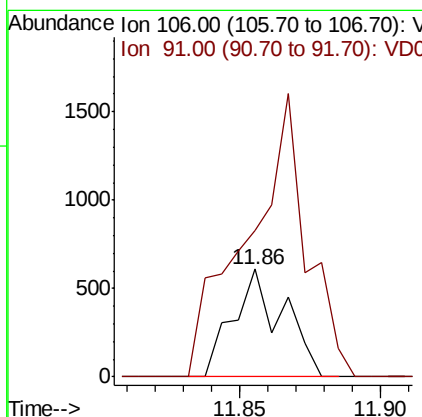
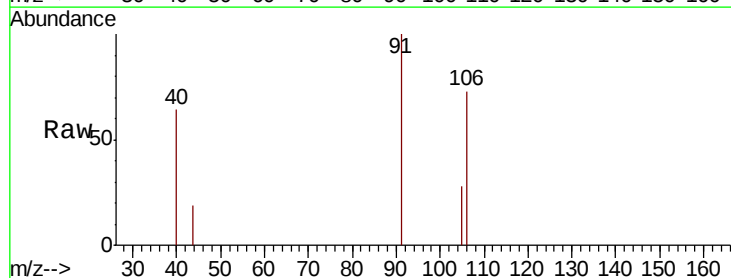
Instrument :
MSVOA_D
ClientSampled :
BFB

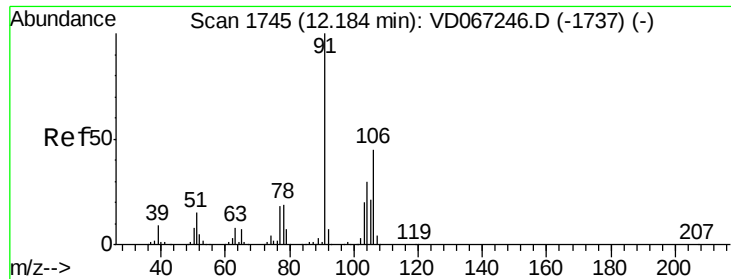
Tot Ion: 91 Resp: 1018
Ion Ratio Lower Upper
91 100
106 36.9 25.4 38.0



#68
m/p-Xylenes
Concen: 53.714 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion: 106 Resp: 752
Ion Ratio Lower Upper
106 100
91 312.6 163.8 245.8#

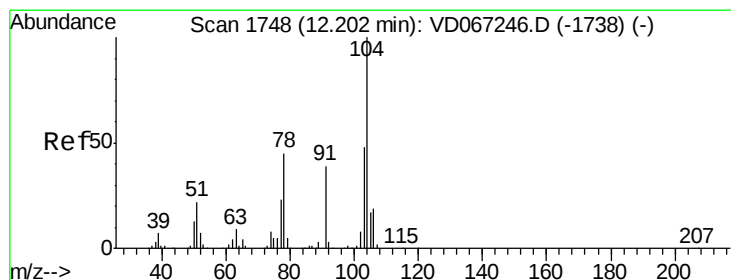
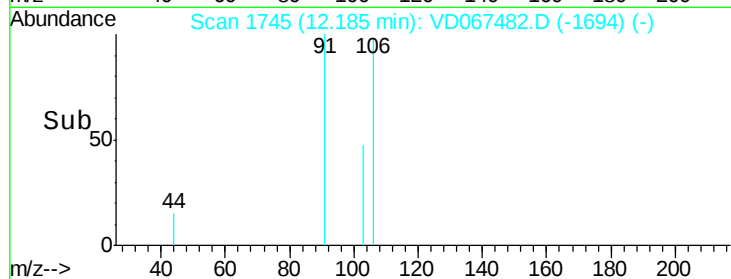
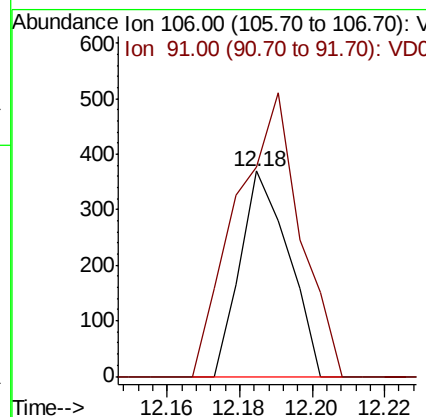
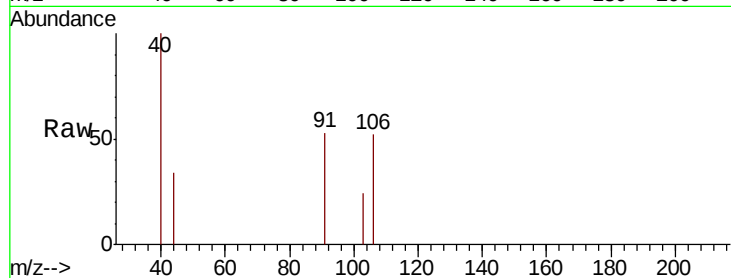




#69
o-Xylene
Concen: 26.458 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

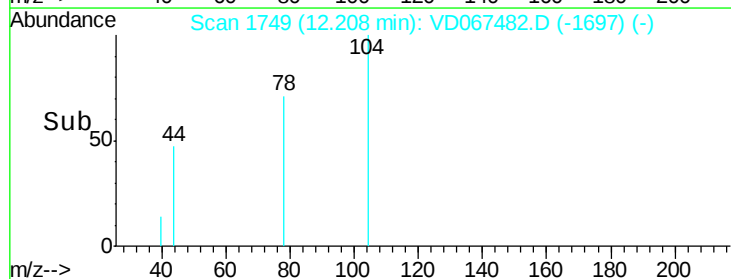
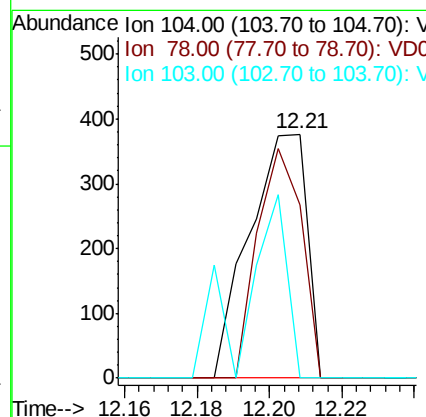
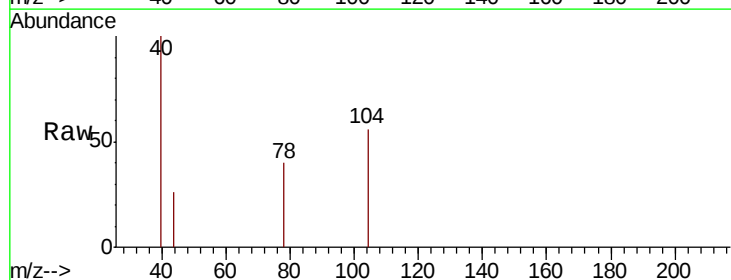
Instrument :
MSVOA_D
ClientSampleId :
BFB

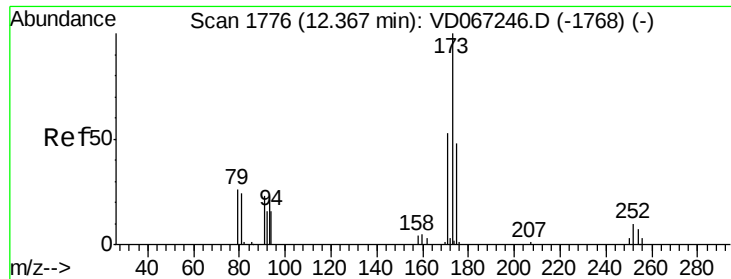
Tot Ion:106 Resp: 343
Ion Ratio Lower Upper
106 100
91 181.9 109.1 327.3



#70
Styrene
Concen: 18.551 ug/l
RT: 12.21 min Scan# 1749
Delta R.T. 0.01 min
Lab File: VD067482.D
Acq: 02 Nov 2020 09:10

Tgt Ion:104 Resp: 414
Ion Ratio Lower Upper
104 100
78 72.0 39.8 59.6#
103 54.1 42.6 64.0





#71

Bromoform

Concen: 435.250 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.27 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

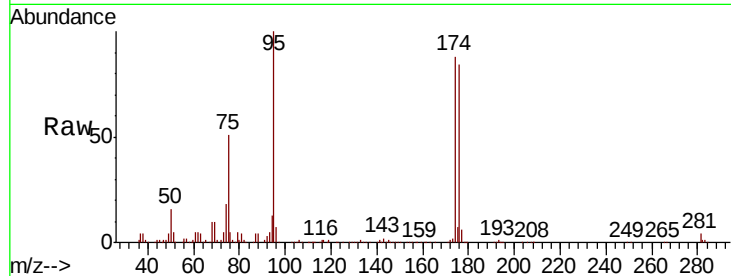
Tot Ion:173 Resp: 1971

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

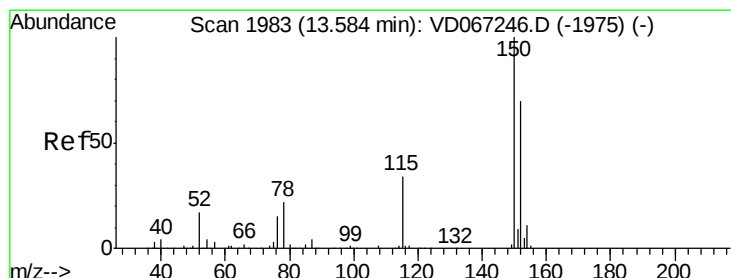
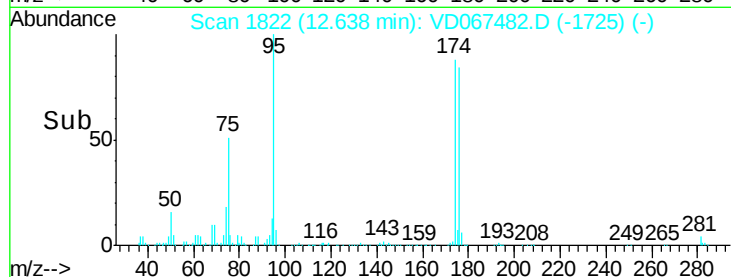
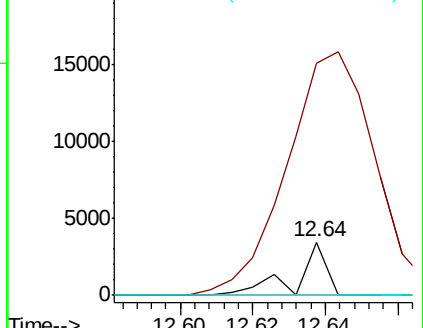
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.59 min Scan# 1984

Delta R.T. 0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

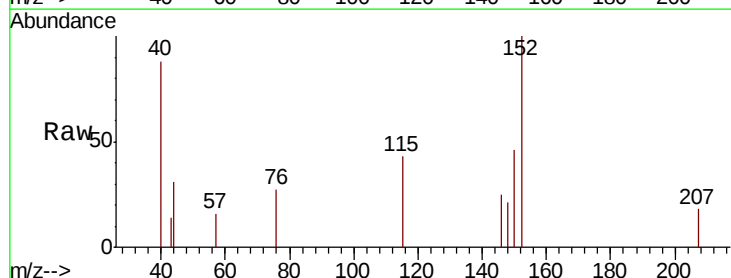
Tgt Ion:152 Resp: 1513

Ion Ratio Lower Upper

152 100

115 57.3 29.3 87.9

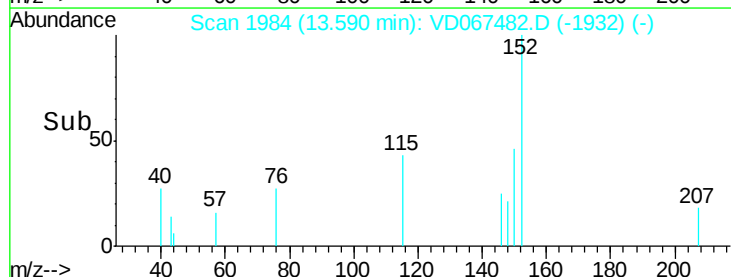
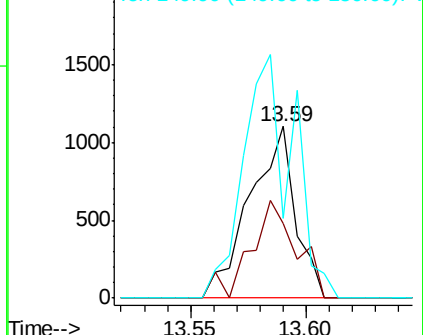
150 152.3 0.0 339.0

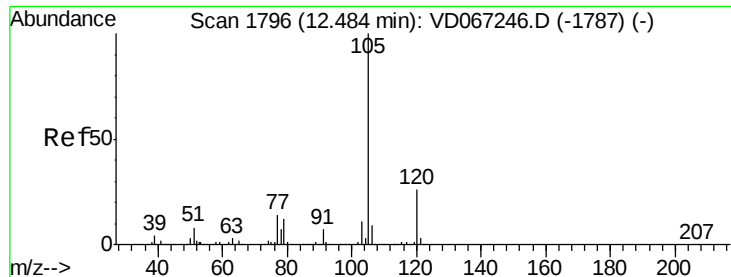


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 13.694 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampled :

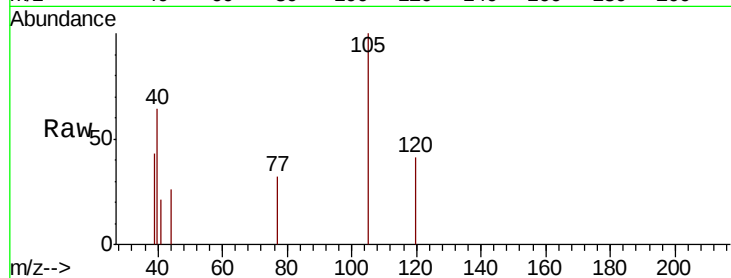
BFB

Tot Ion: 105 Resp: 1315

Ion Ratio Lower Upper

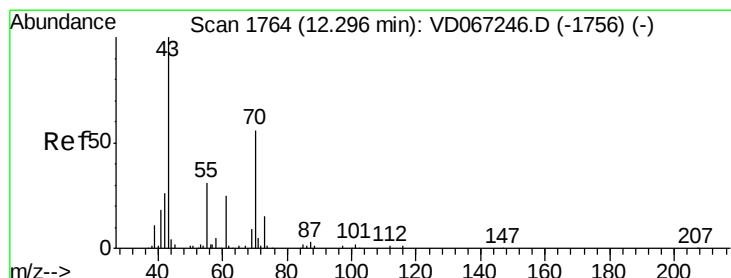
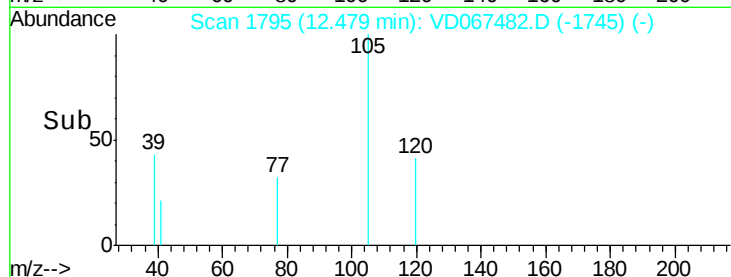
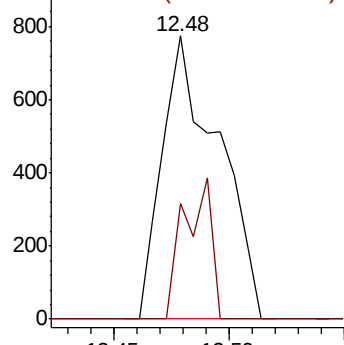
105 100

120 24.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.344 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. 0.23 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Tgt Ion: 43 Resp: 63

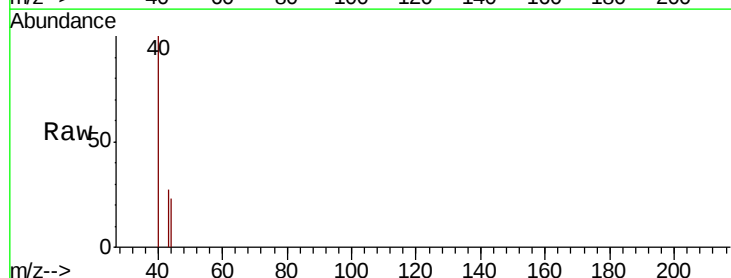
Ion Ratio Lower Upper

43 100

70 0.0 42.7 64.1#

55 0.0 24.0 36.0#

61 0.0 22.2 33.4#

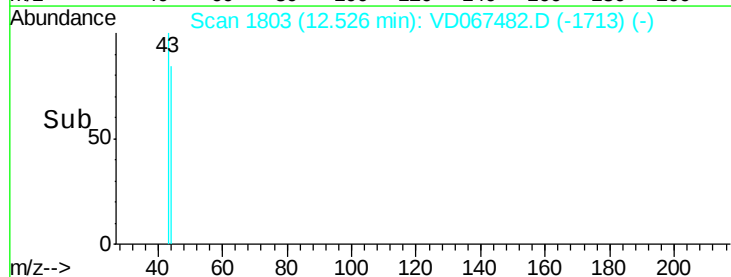
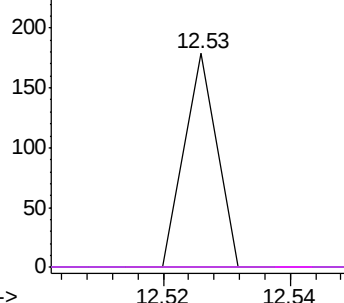


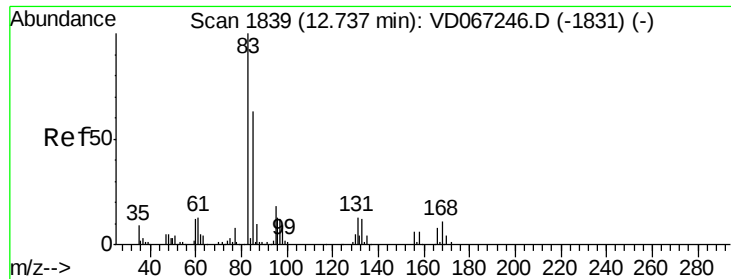
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 23.448 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.10 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

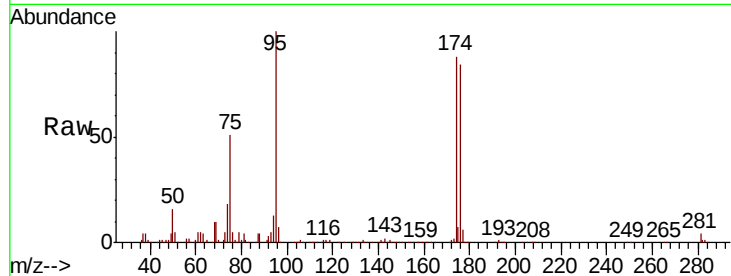
Tot Ion: 83 Resp: 345

Ion Ratio Lower Upper

83 100

131 192.2 6.5 19.5#

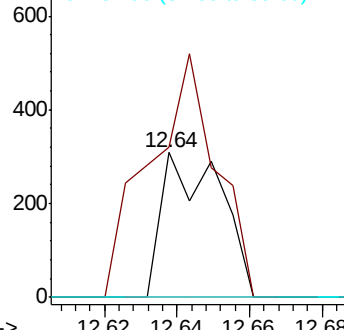
85 0.0 32.6 97.7#



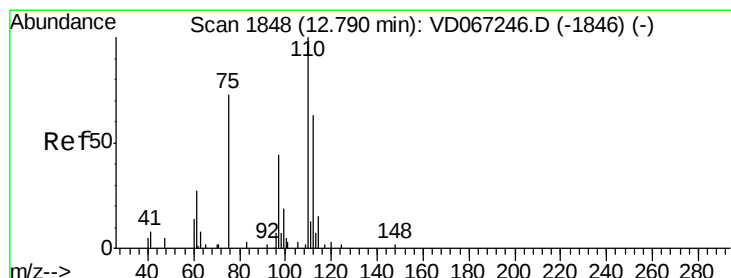
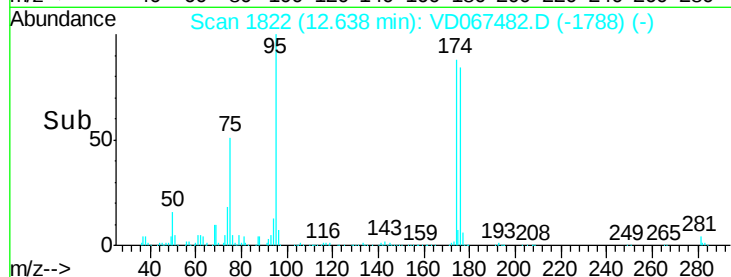
Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



Time-->



#76

1,2,3-Trichloropropane

Concen: 19117.873 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD067482.D

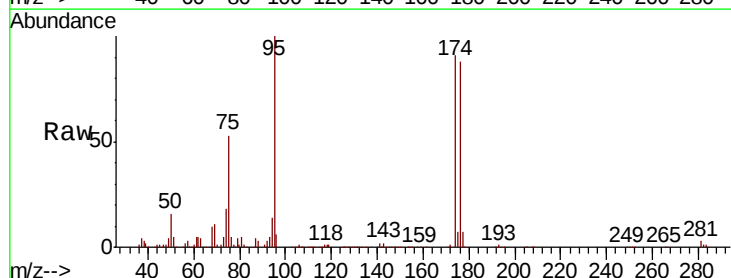
Acq: 02 Nov 2020 09:10

Tgt Ion: 75 Resp: 200480

Ion Ratio Lower Upper

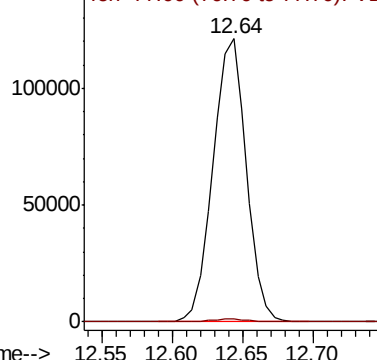
75 100

77 1.2 0.0 0.0#

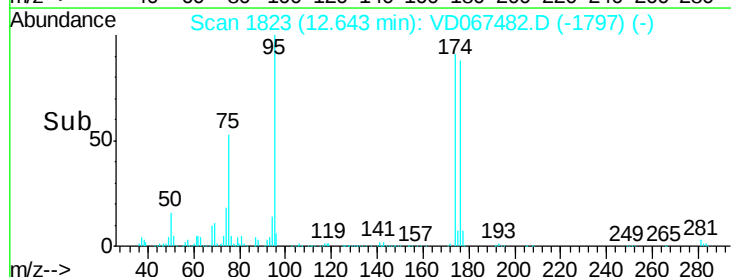


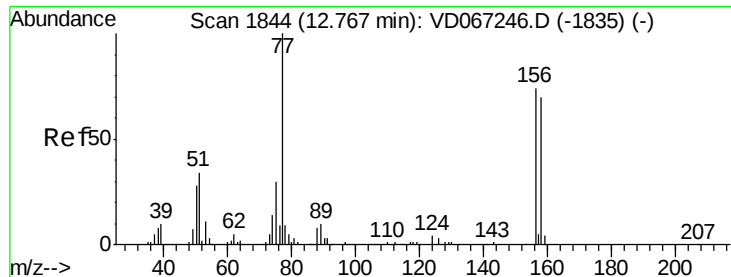
Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time-->





#77

Bromobenzene

Concen: 2.297 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampled :

BFB

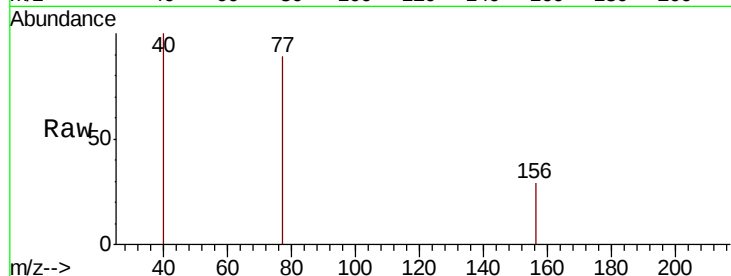
Tot Ion:156 Resp: 55

Ion Ratio Lower Upper

156 100

77 1241.8 78.0 233.8#

158 109.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V

600

500

400

300

200

100

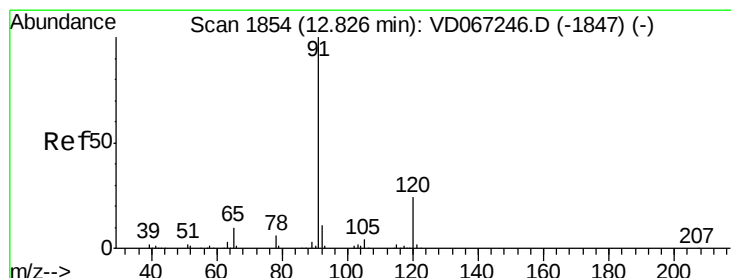
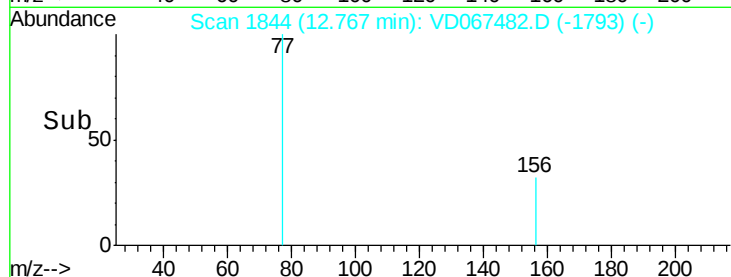
0

12.76

12.77

12.78

Time-->



#78

n-propylbenzene

Concen: 16.305 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067482.D

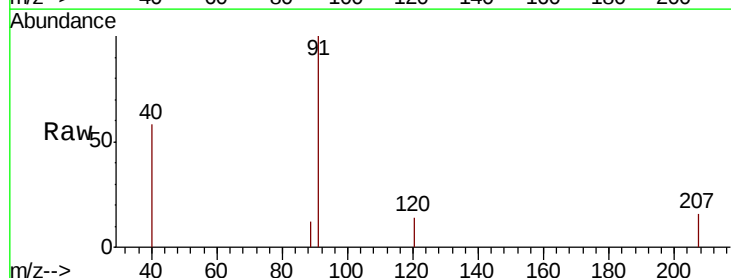
Acq: 02 Nov 2020 09:10

Tgt Ion: 91 Resp: 1814

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

1500

1000

500

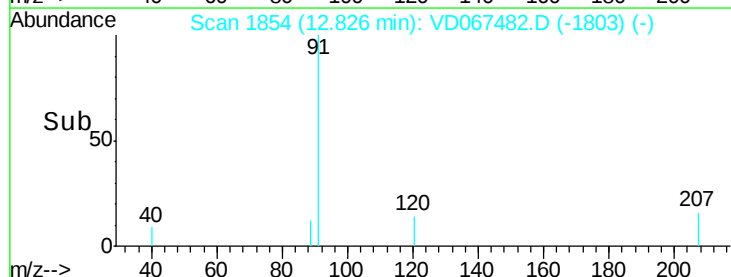
0

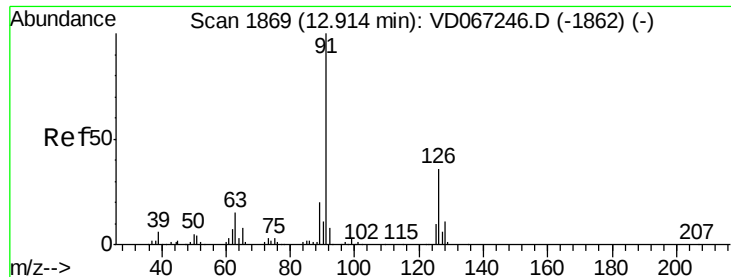
12.80

12.83

12.85

Time-->

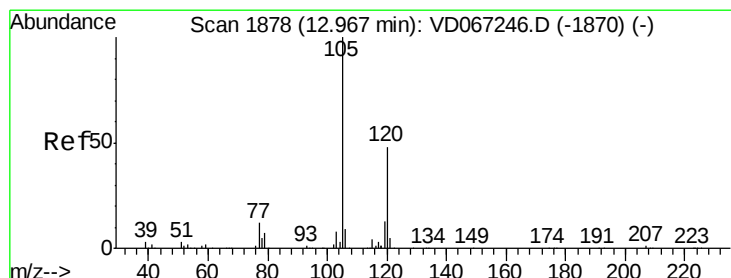
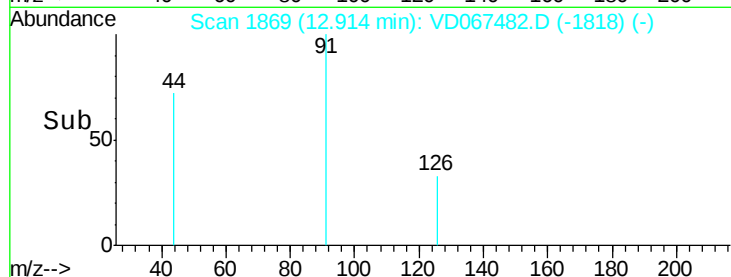
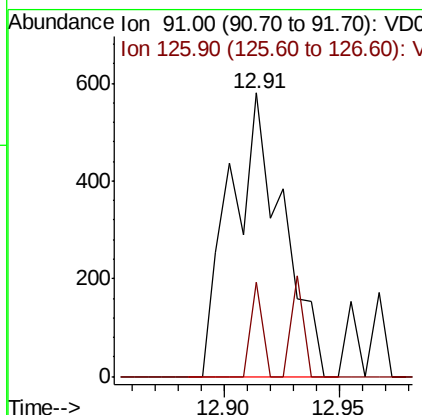
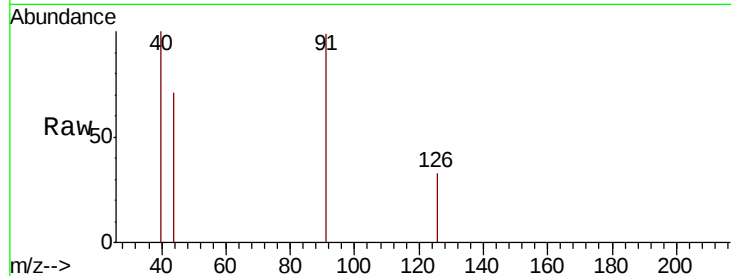




#79
 2-Chlorotoluene
 Concen: 14.135 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

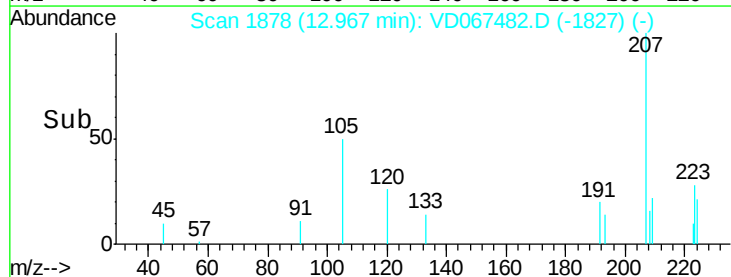
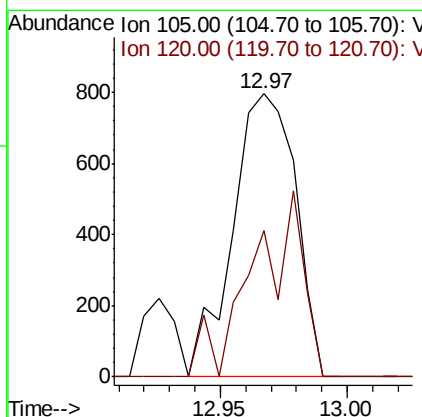
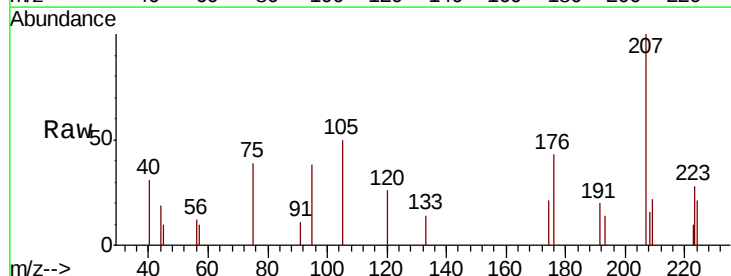
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

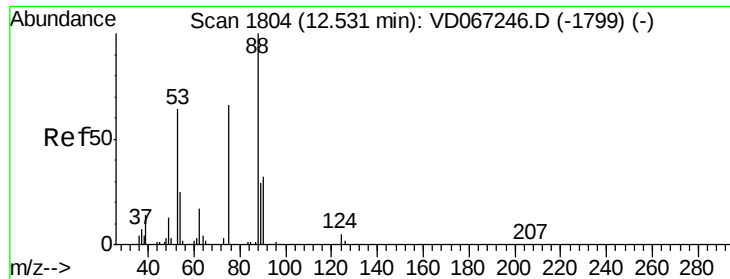
Tot Ion: 91 Resp: 912
 Ion Ratio Lower Upper
 91 100
 126 7.5 17.6 52.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 16.526 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

Tgt Ion: 105 Resp: 1379
 Ion Ratio Lower Upper
 105 100
 120 52.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43353.652 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

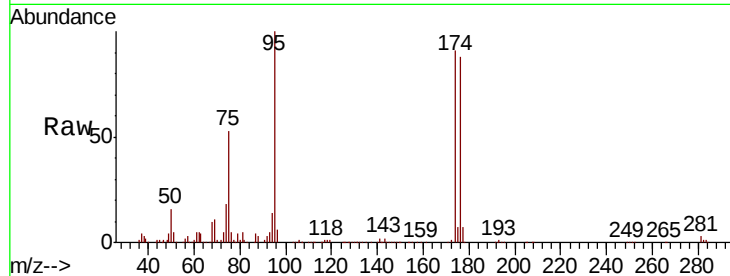
Tot Ion: 75 Resp: 200480

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

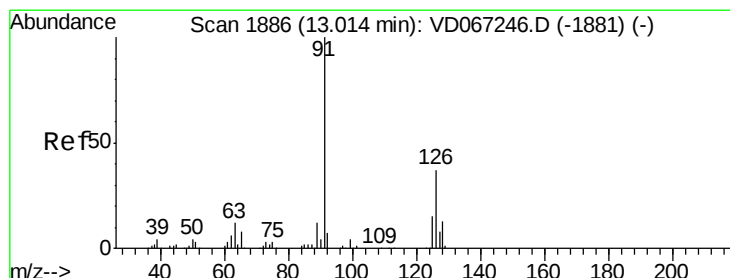
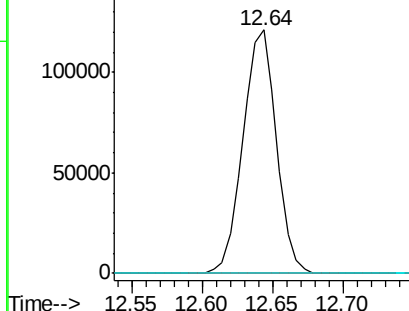
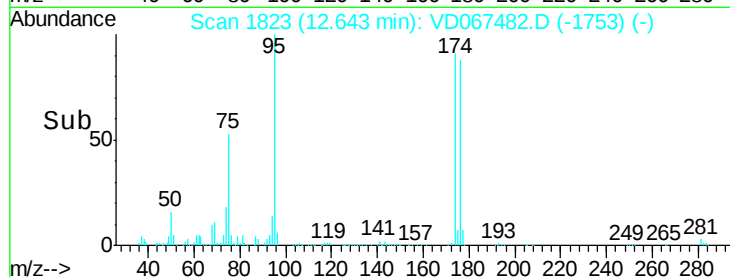
89 0.0 39.9 59.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 11.244 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD067482.D

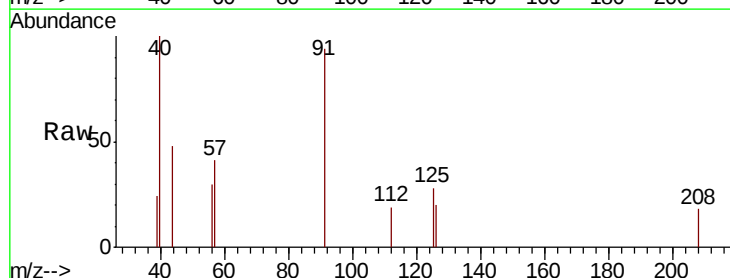
Acq: 02 Nov 2020 09:10

Tgt Ion: 91 Resp: 770

Ion Ratio Lower Upper

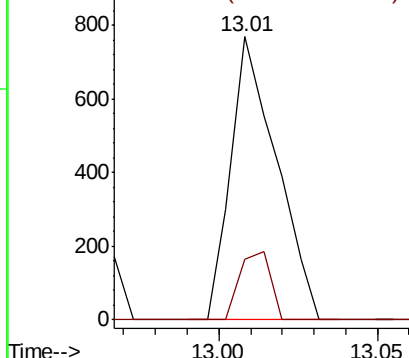
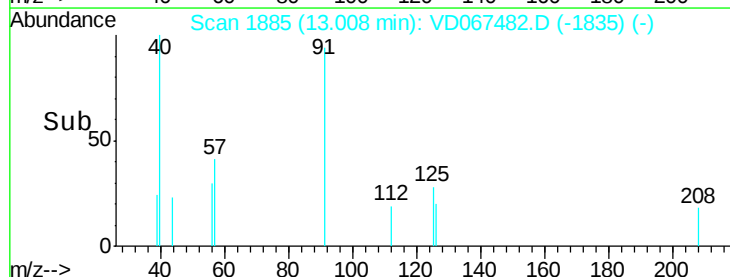
91 100

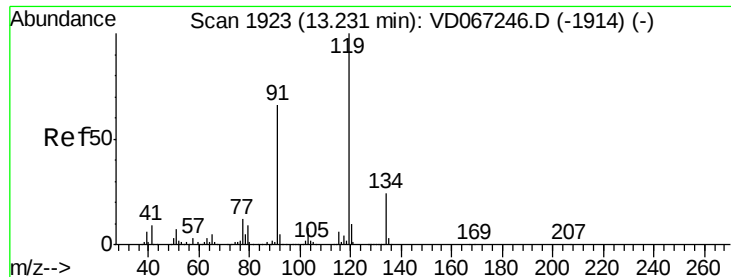
126 16.0 17.8 53.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 11.307 ug/l

RT: 13.24 min Scan# 1924

Delta R.T. 0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

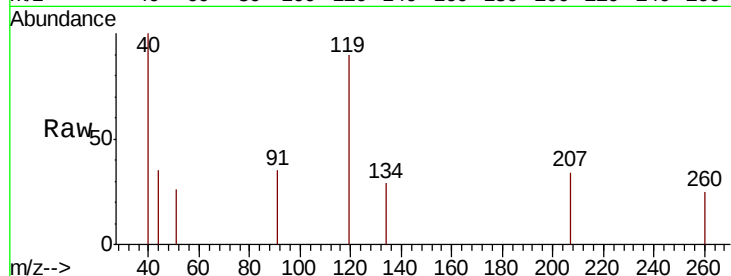
Tot Ion:119 Resp: 797

Ion Ratio Lower Upper

119 100

91 83.3 33.1 99.2

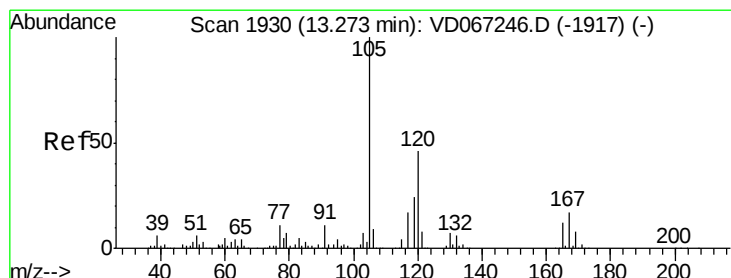
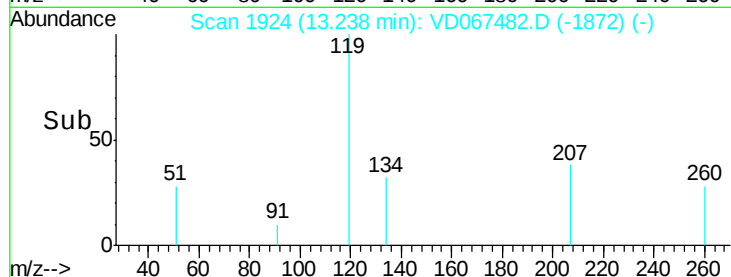
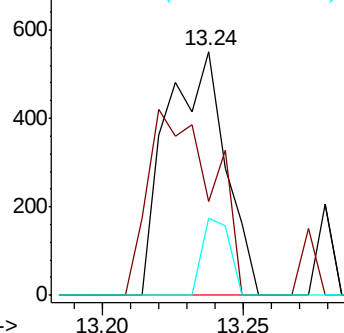
134 14.7 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 28.445 ug/l

RT: 13.29 min Scan# 1933

Delta R.T. 0.02 min

Lab File: VD067482.D

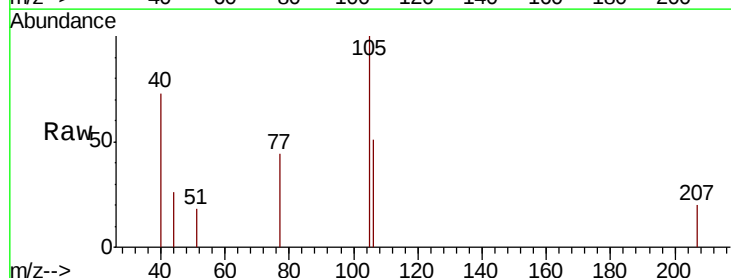
Acq: 02 Nov 2020 09:10

Tgt Ion:105 Resp: 2346

Ion Ratio Lower Upper

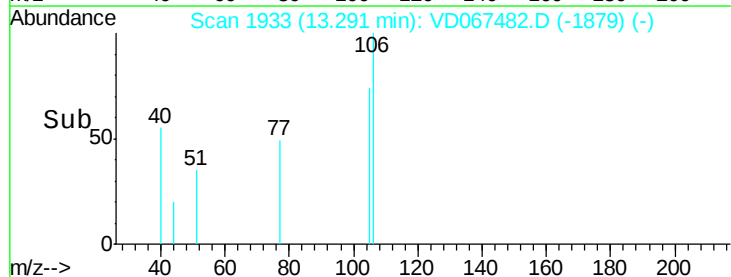
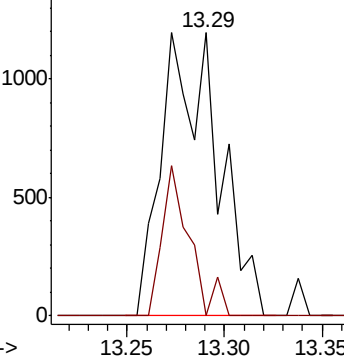
105 100

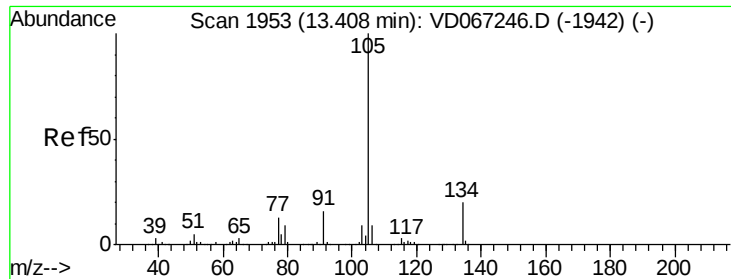
120 26.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 13.958 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampled :

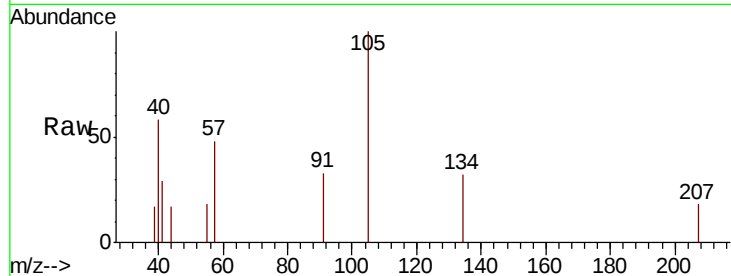
BFB

Tot Ion:105 Resp: 1350

Ion Ratio Lower Upper

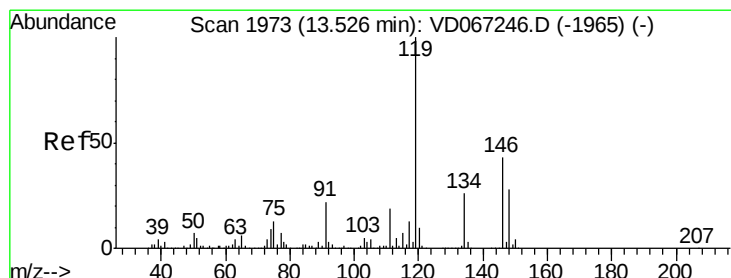
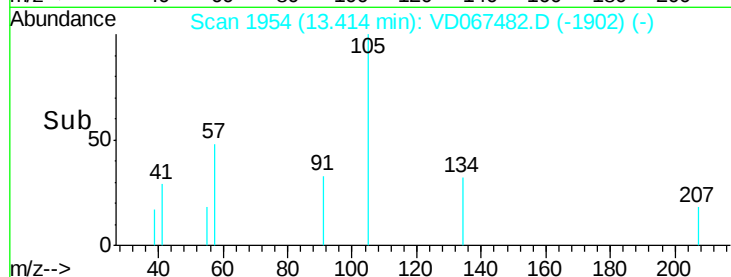
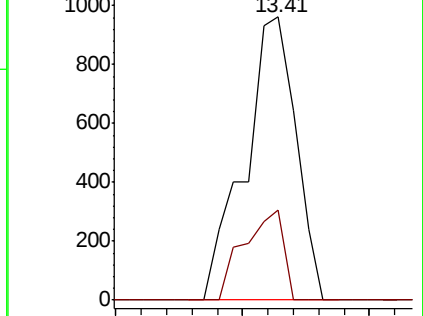
105 100

134 24.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 13.397 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

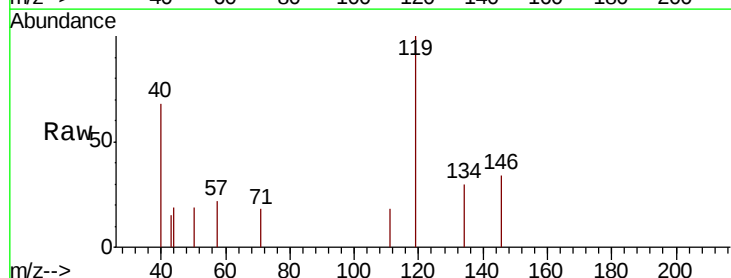
Tgt Ion:119 Resp: 1223

Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

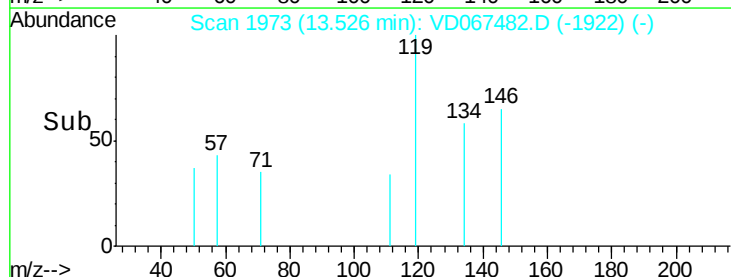
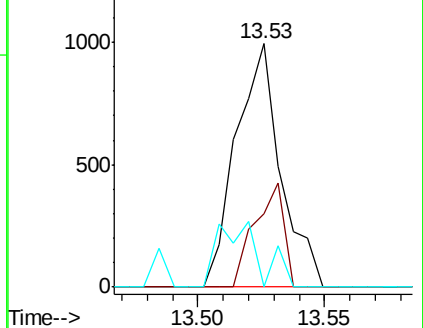
91 25.3 11.9 35.9

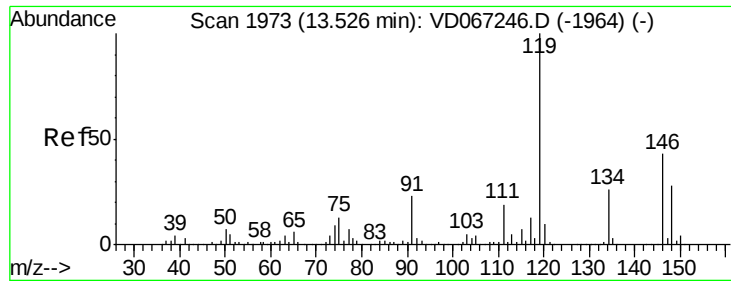


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

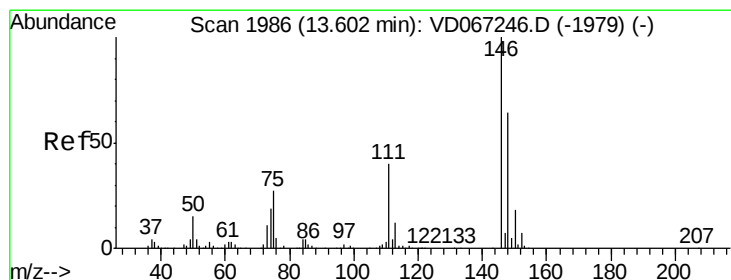
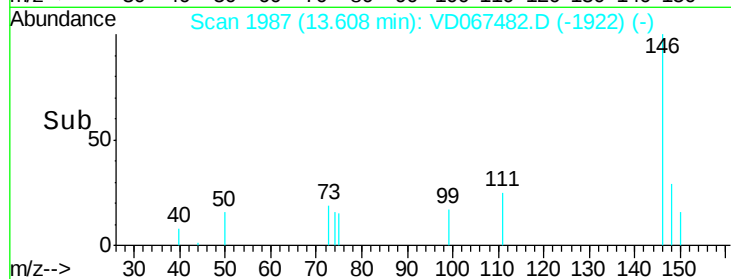
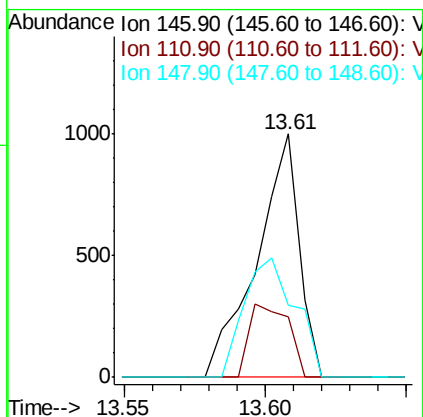
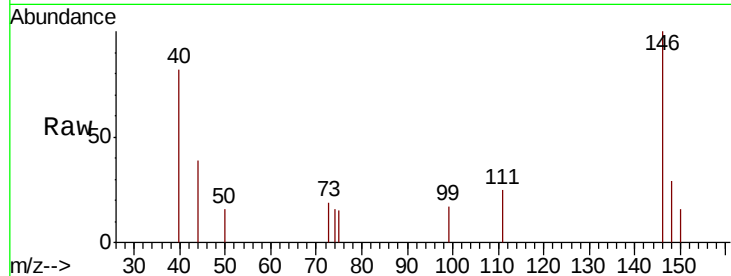




#87
 1,3-Dichlorobenzene
 Concen: 22.657 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.08 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

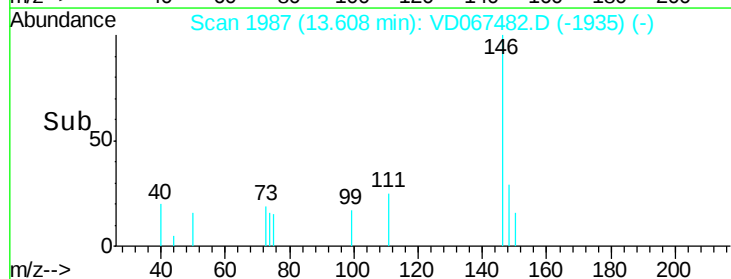
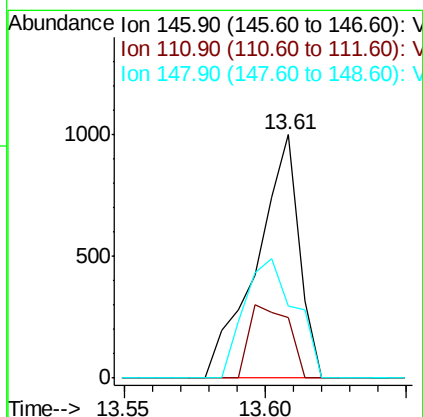
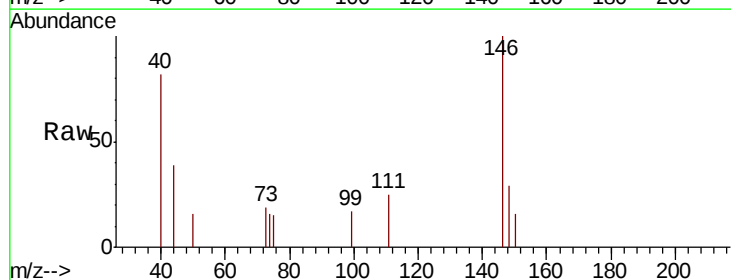
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

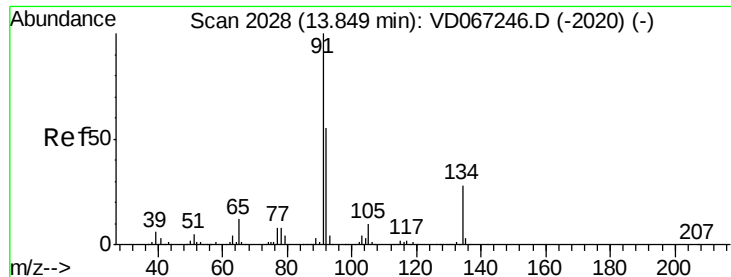
Tot Ion:146 Resp: 1044
 Ion Ratio Lower Upper
 146 100
 111 27.7 21.1 63.3
 148 58.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 22.868 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

Tgt Ion:146 Resp: 1044
 Ion Ratio Lower Upper
 146 100
 111 27.7 19.9 59.7
 148 58.4 31.9 95.9





#89

n-Butylbenzene

Concen: 13.336 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleID :

BFB

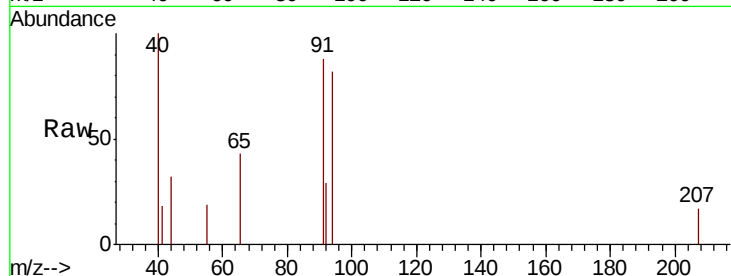
Tot Ion: 91 Resp: 1071

Ion Ratio Lower Upper

91 100

92 50.2 26.7 80.0

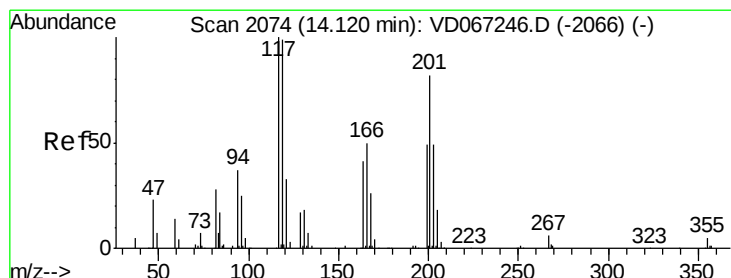
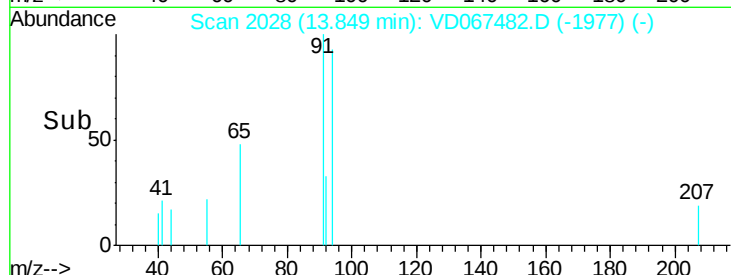
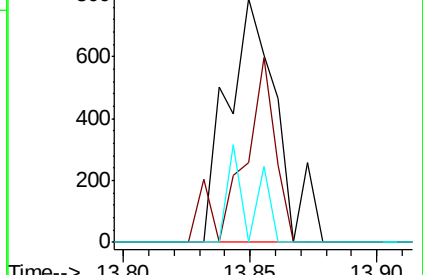
134 18.4 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 3.327 ug/l

RT: 14.13 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VD067482.D

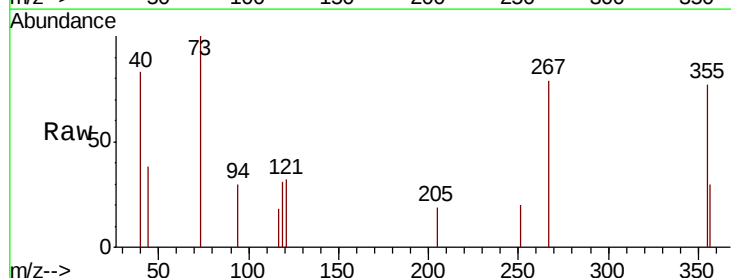
Acq: 02 Nov 2020 09:10

Tgt Ion: 117 Resp: 53

Ion Ratio Lower Upper

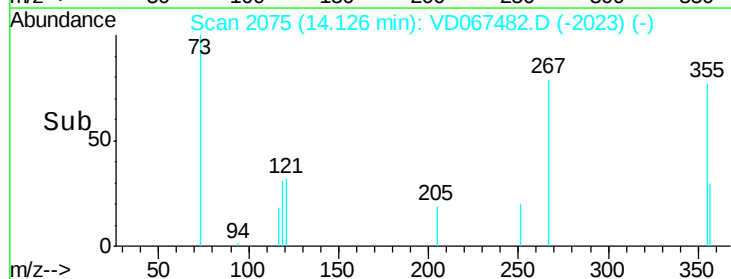
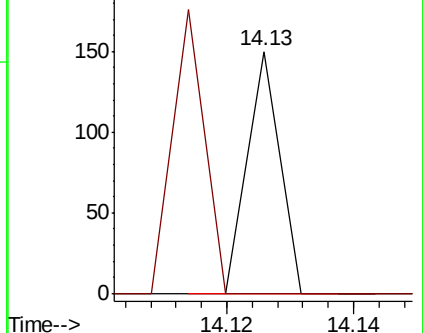
117 100

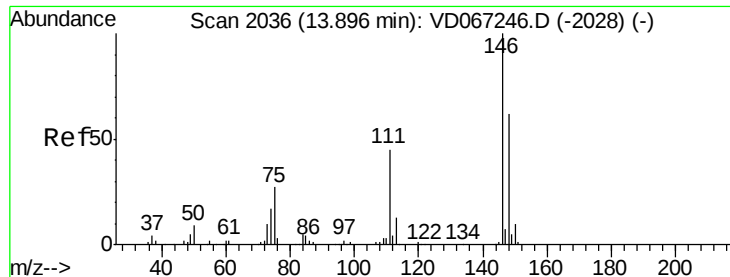
201 117.0 40.8 122.2



Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC





#91

1,2-Dichlorobenzene

Concen: 18.110 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampled :

BFB

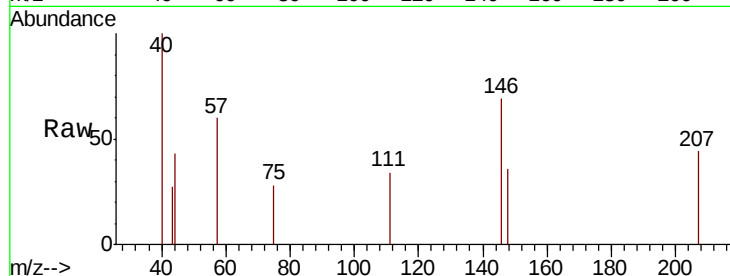
Tot Ion:146 Resp: 729

Ion Ratio Lower Upper

146 100

111 32.2 22.0 66.0

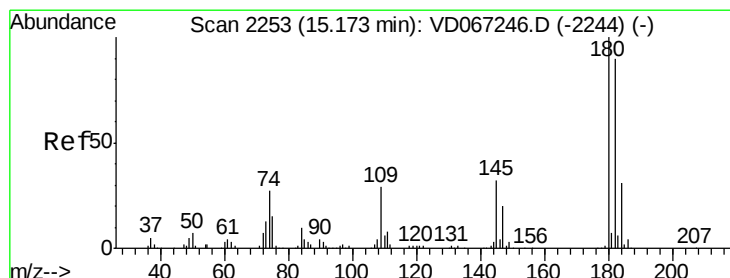
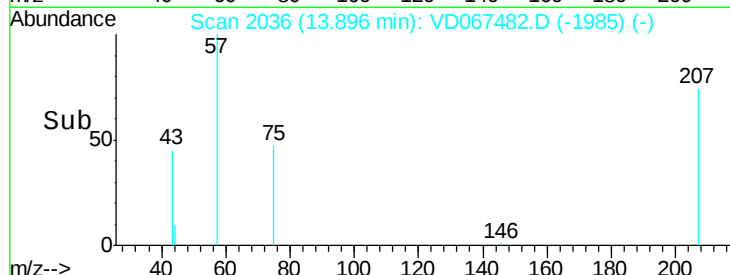
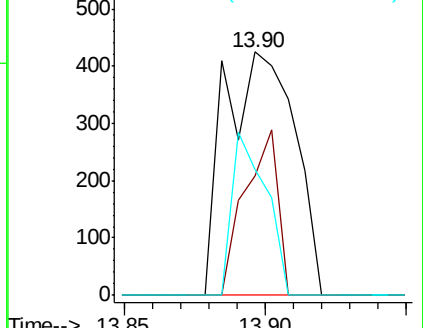
148 32.8 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 24.650 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

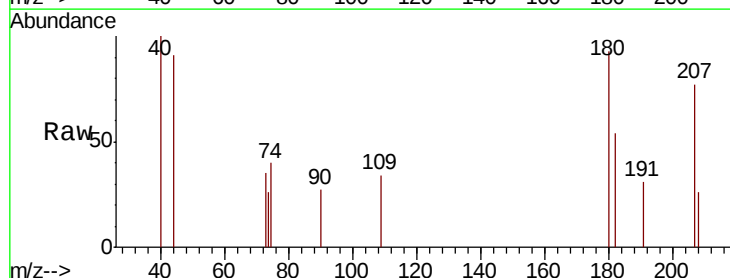
Tgt Ion:180 Resp: 669

Ion Ratio Lower Upper

180 100

182 83.4 48.1 144.4

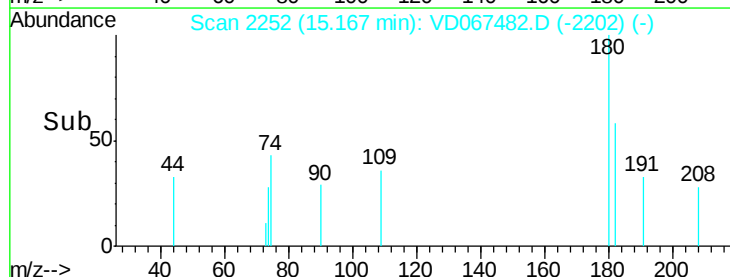
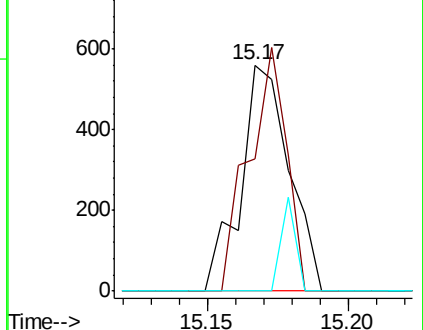
145 12.1 16.3 48.9#

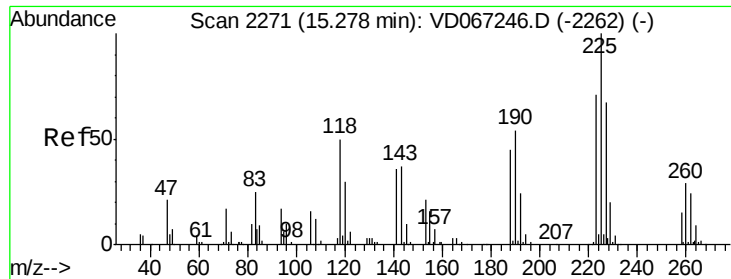


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 14.537 ug/l

RT: 15.27 min Scan# 2269

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

Instrument :

MSVOA_D

ClientSampleId :

BFB

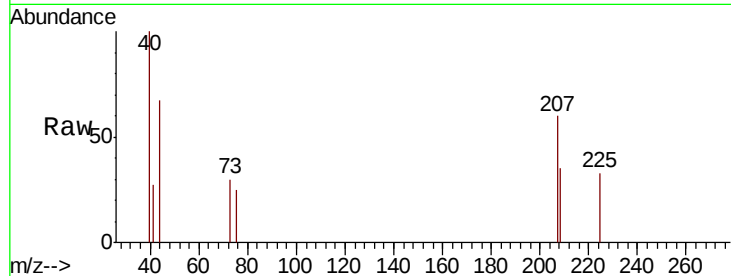
Tot Ion:225 Resp: 245

Ion Ratio Lower Upper

225 100

223 28.2 31.9 95.7#

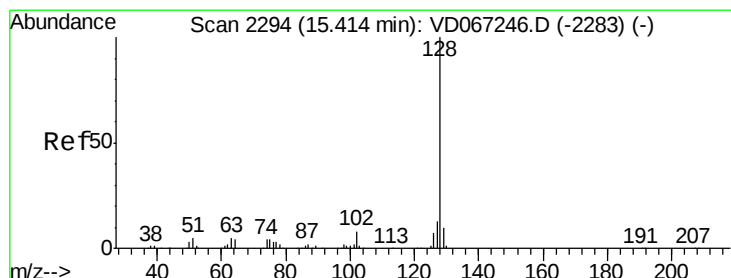
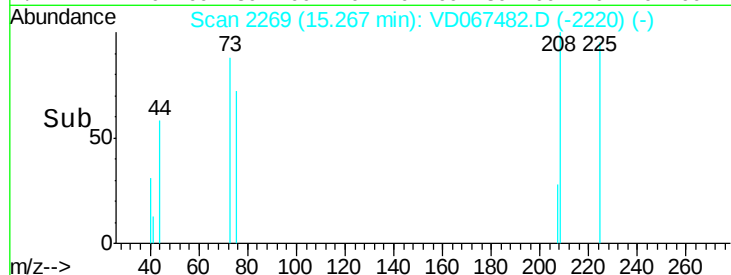
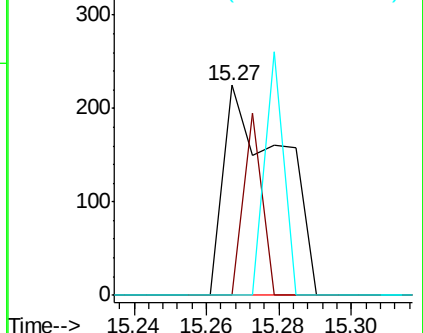
227 37.6 31.2 93.6



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 41.517 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067482.D

Acq: 02 Nov 2020 09:10

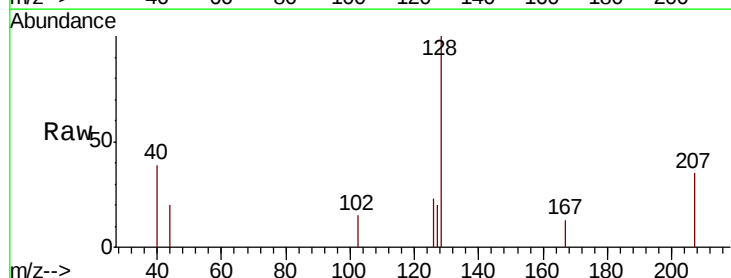
Tgt Ion:128 Resp: 1850

Ion Ratio Lower Upper

128 100

127 4.8 10.4 15.6#

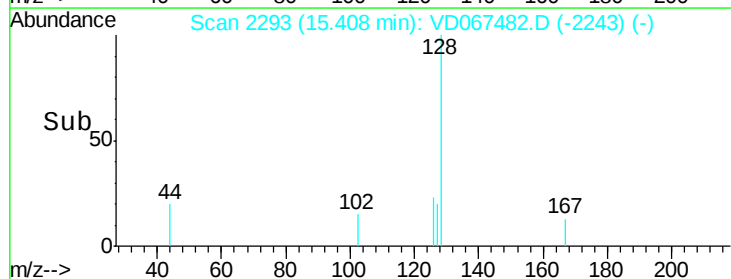
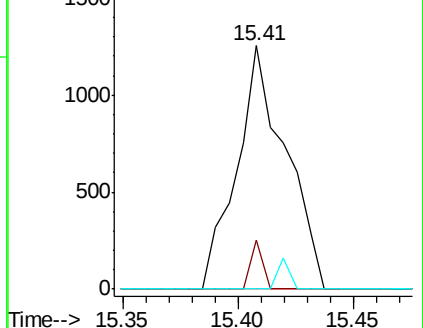
129 3.0 8.6 12.8#

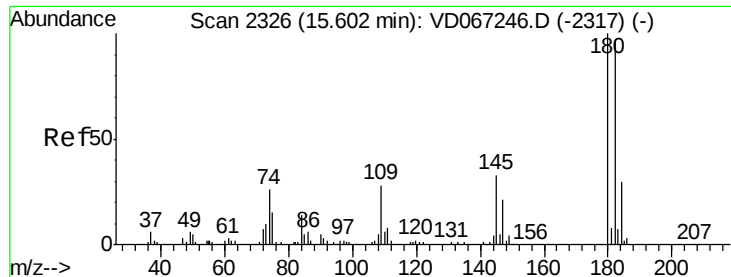


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 21.538 ug/l
 RT: 15.60 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VD067482.D
 Acq: 02 Nov 2020 09:10

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tot Ion:180 Resp: 505
 Ion Ratio Lower Upper
 180 100
 182 120.8 48.1 144.3
 145 12.9 17.3 51.9#

