

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
 Data File : VD063650.D
 Acq On : 19 Aug 2019 11:36
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Aug 20 08:11:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1120888	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1569687	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1308139	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	681745	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	607513	50.70	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	6.91	113	676678	51.19	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.41	98	1456172	50.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	13.55	95	658875	50.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.57	85	578150	42.634 ug/l	96
3) Chloromethane	1.75	50	469954	44.356 ug/l	95
4) Vinyl Chloride	1.84	62	507551	48.256 ug/l	95
5) Bromomethane	2.15	94	225194	45.375 ug/l	100
6) Chloroethane	2.26	64	251943	52.381 ug/l	92
7) Trichlorofluoromethane	2.52	101	1018574	49.371 ug/l	98
8) Diethyl Ether	2.87	74	139262	47.809 ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.14	101	579700	47.586 ug/l	100
10) Methyl Iodide	3.29	142	779943	45.249 ug/l	96
11) Tert butyl alcohol	4.07	59	148221	284.179 ug/l	98
12) 1,1-Dichloroethene	3.12	96	420715	46.451 ug/l	92
13) Acrolein	3.03	56	123554	240.661 ug/l	96
14) Allyl chloride	3.62	41	662696	48.672 ug/l	97
15) Acrylonitrile	4.20	53	345658	250.199 ug/l	95
16) Acetone	3.21	43	665514	273.246 ug/l	94
17) Carbon Disulfide	3.37	76	1242456	43.465 ug/l	99
18) Methyl Acetate	3.64	43	221028	47.911 ug/l	97
19) Methyl tert-butyl Ether	4.24	73	947679	52.319 ug/l	95
20) Methylene Chloride	3.80	84	432639	41.079 ug/l	93
21) trans-1,2-Dichloroethene	4.22	96	447960	47.000 ug/l	96
22) Diisopropyl ether	5.12	45	1326907	47.227 ug/l	99
23) Vinyl Acetate	5.05	43	4282650	262.194 ug/l	98
24) 1,1-Dichloroethane	4.97	63	845122	48.497 ug/l	98
25) 2-Butanone	6.07	43	605851	251.864 ug/l	96
26) 2,2-Dichloropropane	6.02	77	875704	50.452 ug/l	94
27) cis-1,2-Dichloroethene	6.03	96	496229	47.587 ug/l	83
28) Bromochloromethane	6.43	49	366487	51.891 ug/l	87
29) Tetrahydrofuran	6.45	42	295260	263.416 ug/l	99
30) Chloroform	6.66	83	977539	45.130 ug/l	99
31) Cyclohexane	6.95	56	504511	46.635 ug/l	95
32) 1,1,1-Trichloroethane	6.86	97	996784	48.107 ug/l	98
36) 1,1-Dichloropropene	7.14	75	671219	48.371 ug/l	97
37) Ethyl Acetate	6.18	43	296908	51.062 ug/l	# 93
38) Carbon Tetrachloride	7.10	117	1091528	52.193 ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	563212	47.731	ug/l	99
40) Benzene	7.45	78	1440483	47.172	ug/l	99
41) Methacrylonitrile	6.45	41	392586	53.623	ug/l #	90
42) 1,2-Dichloroethane	7.57	62	735434	47.896	ug/l	99
43) Isopropyl Acetate	9.24	43	423543	54.386	ug/l	98
44) Trichloroethene	8.54	130	524000	44.894	ug/l	99
45) 1,2-Dichloropropane	8.94	63	350483	49.285	ug/l	98
46) Dibromomethane	9.06	93	283503	46.683	ug/l	95
47) Bromodichloromethane	9.38	83	763492	49.012	ug/l	97
48) Methyl methacrylate	9.11	41	257687	48.791	ug/l	96
49) 1,4-Dioxane	9.08	88	41389	880.616	ug/l #	70
51) 4-Methyl-2-Pentanone	10.30	43	1402248	263.141	ug/l	100
52) Toluene	10.51	92	944183	48.004	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	646223	50.832	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	722037	50.369	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	332744	50.082	ug/l	96
56) Ethyl methacrylate	11.04	69	369834	51.285	ug/l	95
57) 1,3-Dichloropropane	11.40	76	516591	51.438	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.86	63	1051254	276.128	ug/l	99
59) 2-Hexanone	11.53	43	1039149	267.999	ug/l	99
60) Dibromochloromethane	11.68	129	617990	51.117	ug/l	100
61) 1,2-Dibromoethane	11.81	107	406284	50.513	ug/l	99
64) Tetrachloroethene	11.26	164	514374	50.936	ug/l	96
65) Chlorobenzene	12.40	112	1215404	49.573	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	530979	49.210	ug/l	98
67) Ethyl Benzene	12.53	91	1947804	45.691	ug/l	96
68) m/p-Xylenes	12.66	106	1493146	99.694	ug/l	96
69) o-Xylene	13.05	106	748988	51.958	ug/l	93
70) Styrene	13.07	104	1213244	47.316	ug/l	98
71) Bromoform	13.23	173	397668	53.748	ug/l	97
73) Isopropylbenzene	13.40	105	2055537	47.403	ug/l	100
74) N-amyl acetate	13.26	43	592702	54.449	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	384277	53.391	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	418712	53.515	ug/l	99
77) Bromobenzene	13.67	156	596784	50.357	ug/l	96
78) n-propylbenzene	13.78	91	2411021	47.521	ug/l	99
79) 2-Chlorotoluene	13.83	91	1441267	49.269	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	1668140	44.029	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	110782	52.680	ug/l	97
82) 4-Chlorotoluene	13.94	91	1635754	46.501	ug/l	98
83) tert-Butylbenzene	14.19	119	2112240	52.942	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	1712724	48.857	ug/l	98
85) sec-Butylbenzene	14.37	105	2157103	50.911	ug/l	100
86) p-Isopropyltoluene	14.48	119	2053069	50.678	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	1048060	48.891	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	1059889	51.534	ug/l	96
89) n-Butylbenzene	14.80	91	1879617	50.836	ug/l	99
90) Hexachloroethane	15.01	117	537104	52.748	ug/l	97
91) 1,2-Dichlorobenzene	14.81	146	925631	50.894	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	68969	50.891	ug/l	99

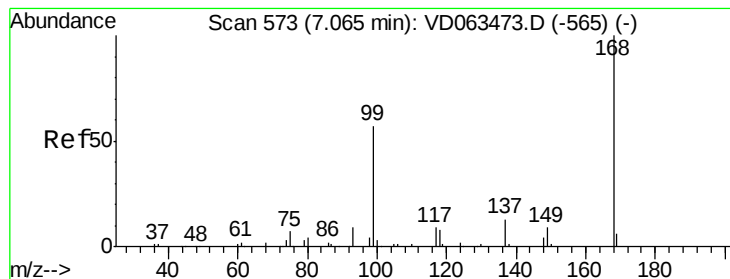
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	728353	54.425	ug/l	95
94) Hexachlorobutadiene	16.04	225	507862	49.793	ug/l	96
95) Naphthalene	16.12	128	1062315	52.378	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	530139	49.046	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampled :

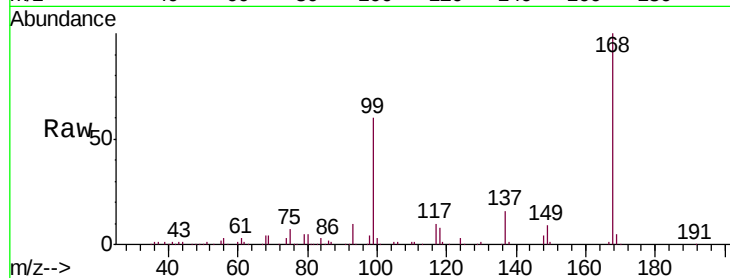
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Tgt Ion:168 Resp: 1120888

Ion Ratio Lower Upper

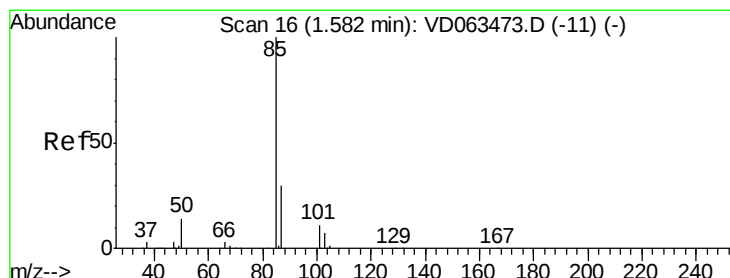
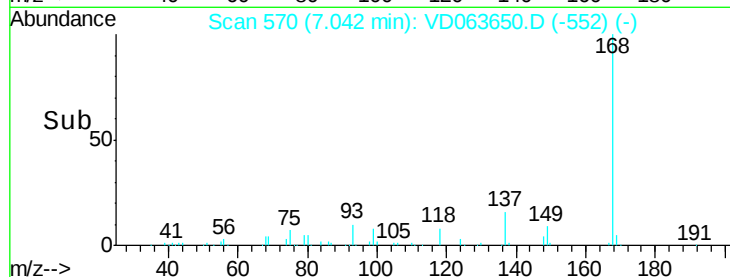
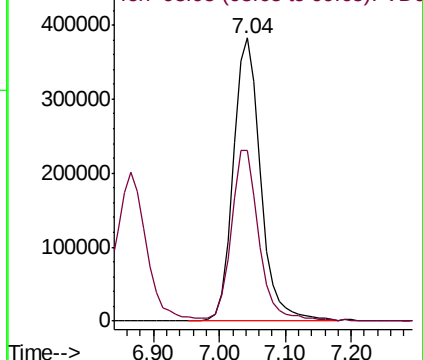
168 100

99 60.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 42.634 ug/l

RT: 1.57 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD063650.D

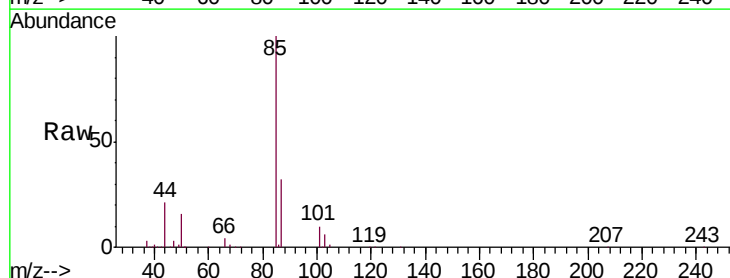
Acq: 19 Aug 2019 11:36

Tgt Ion: 85 Resp: 578150

Ion Ratio Lower Upper

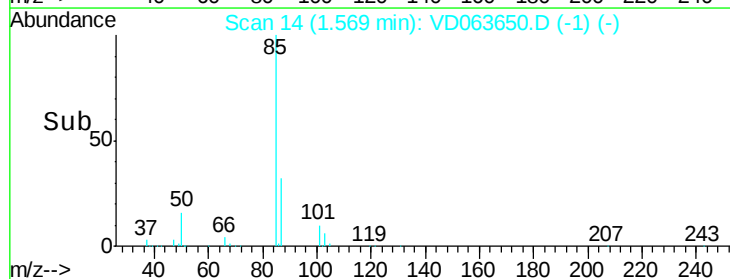
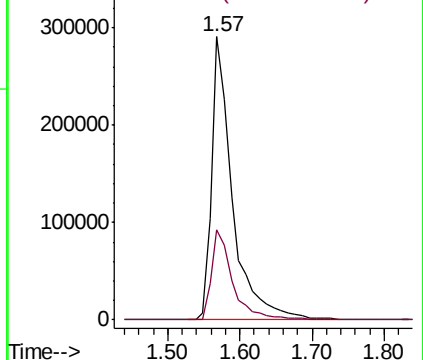
85 100

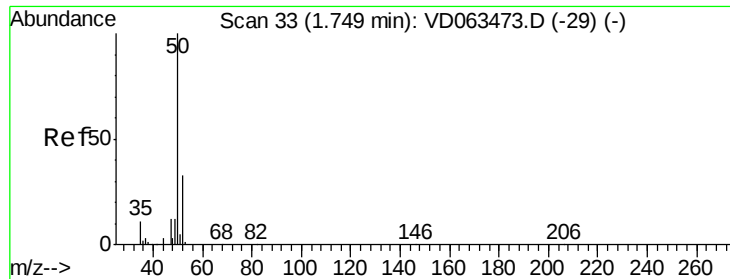
87 32.0 15.0 45.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.356 ug/l

RT: 1.75 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

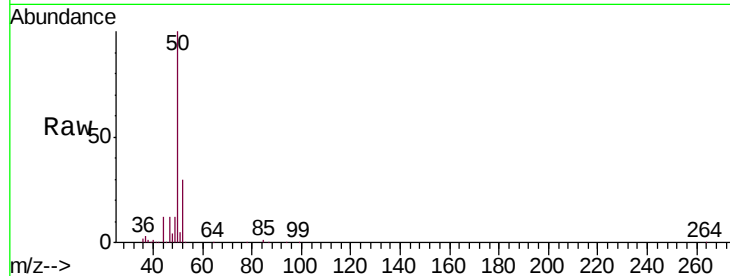
BFB

Tgt Ion: 50 Resp: 469954

Ion Ratio Lower Upper

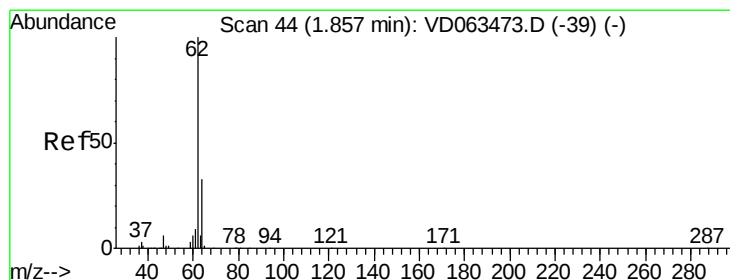
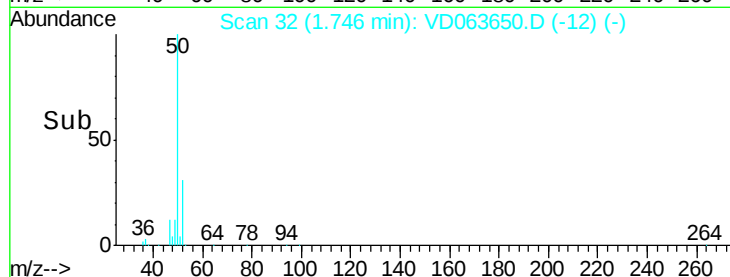
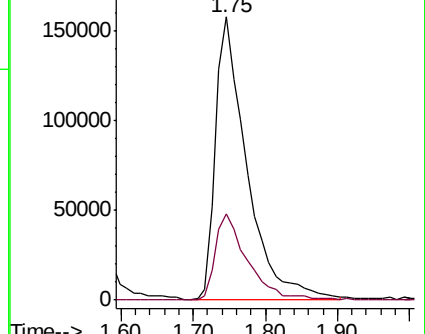
50 100

52 30.3 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.256 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.01 min

Lab File: VD063650.D

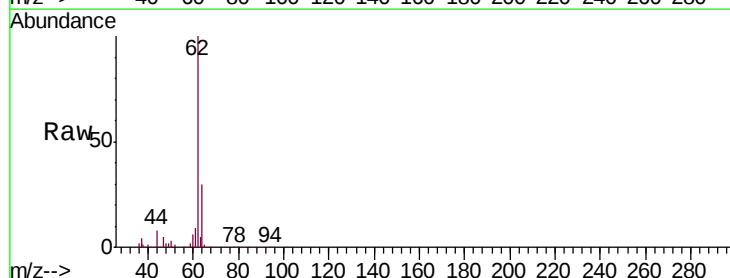
Acq: 19 Aug 2019 11:36

Tgt Ion: 62 Resp: 507551

Ion Ratio Lower Upper

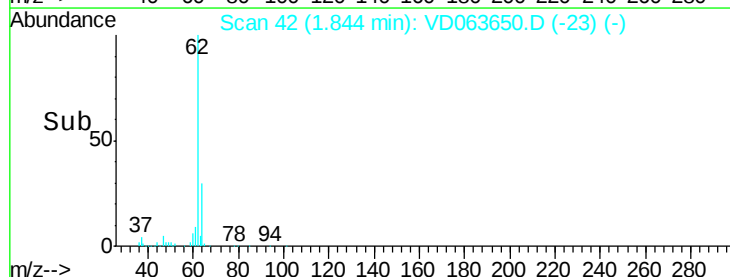
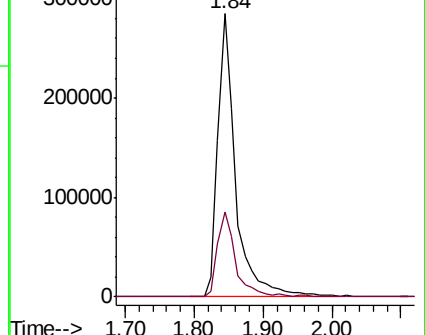
62 100

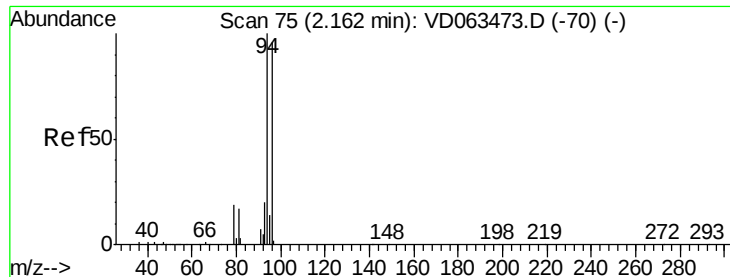
64 30.2 26.4 39.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 45.375 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

BFB

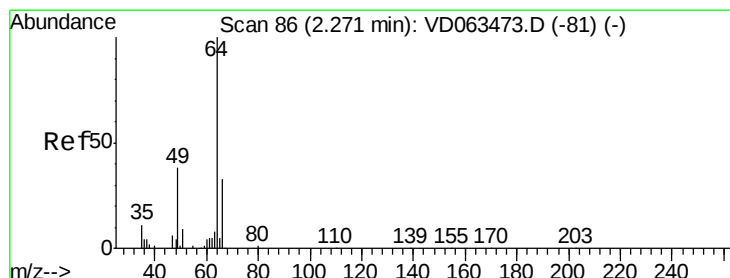
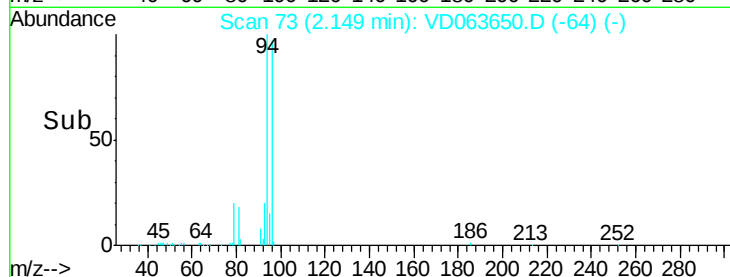
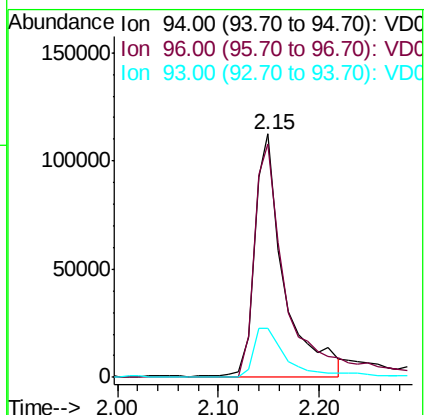
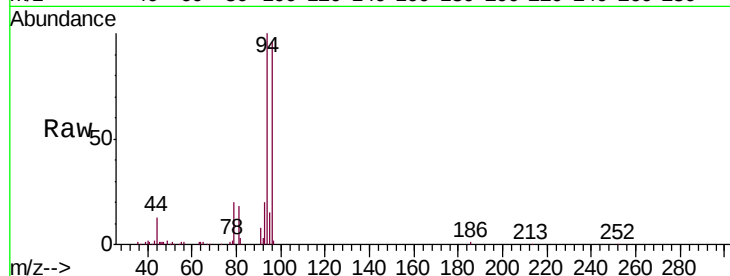
Tgt Ion: 94 Resp: 225194

Ion Ratio Lower Upper

94 100

96 96.0 76.5 114.7

93 20.1 15.8 23.8



#6

Chloroethane

Concen: 52.381 ug/l

RT: 2.26 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD063650.D

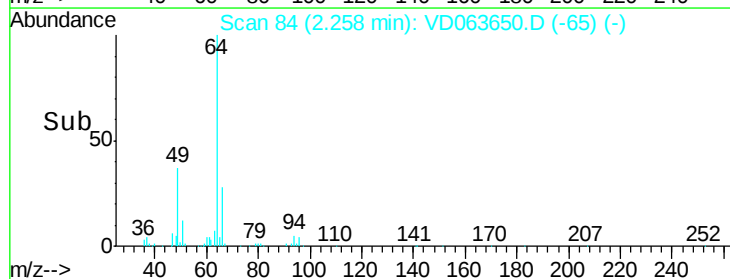
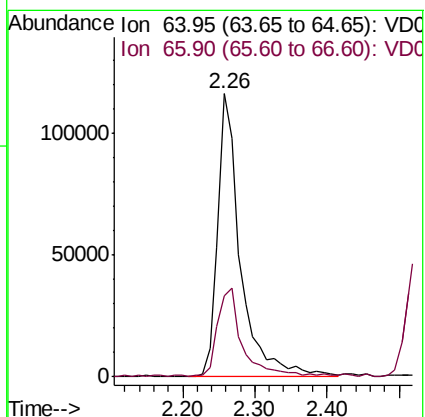
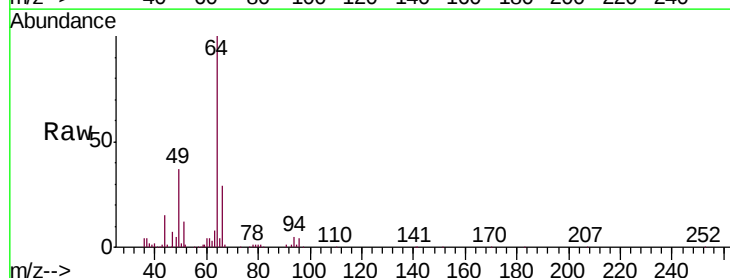
Acq: 19 Aug 2019 11:36

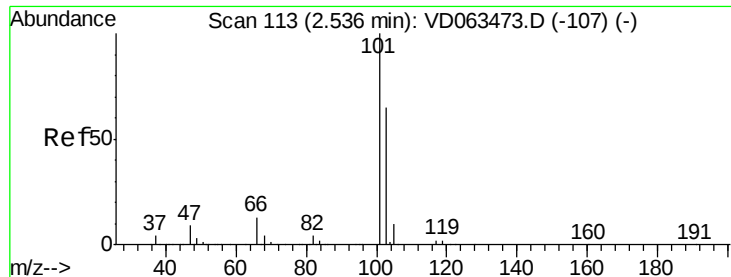
Tgt Ion: 64 Resp: 251943

Ion Ratio Lower Upper

64 100

66 28.5 26.3 39.5



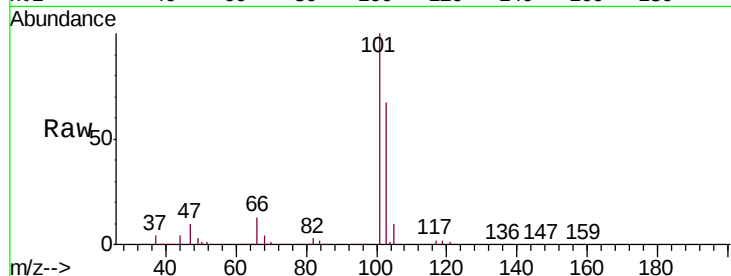


#7

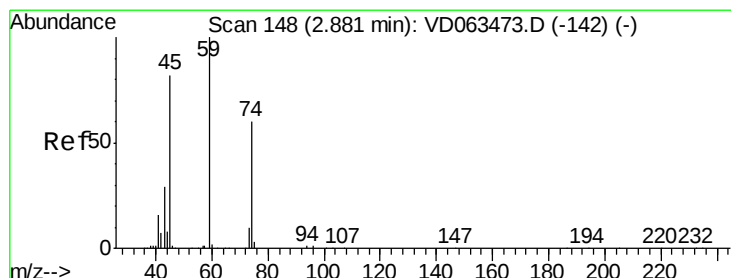
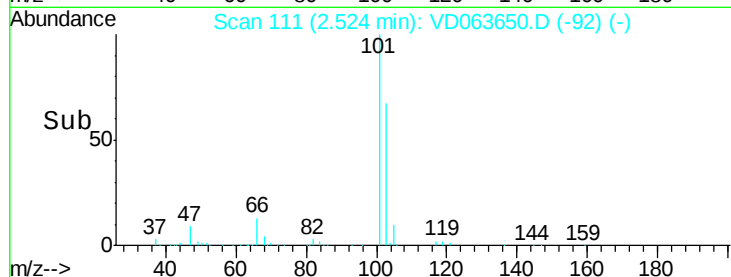
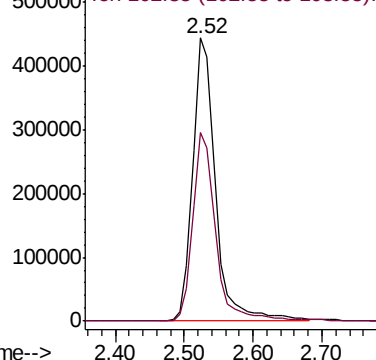
Trichlorofluoromethane
 Concen: 49.371 ug/l
 RT: 2.52 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

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Tgt Ion: 101 Resp: 1018574
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.2 78.4



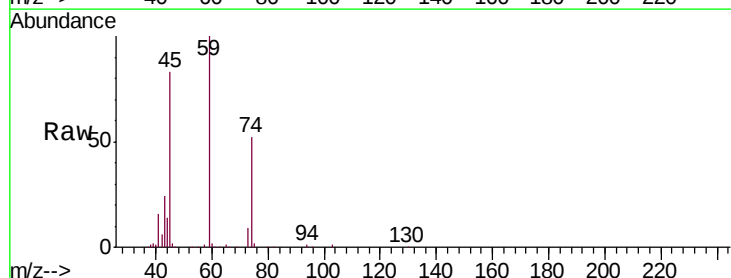
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



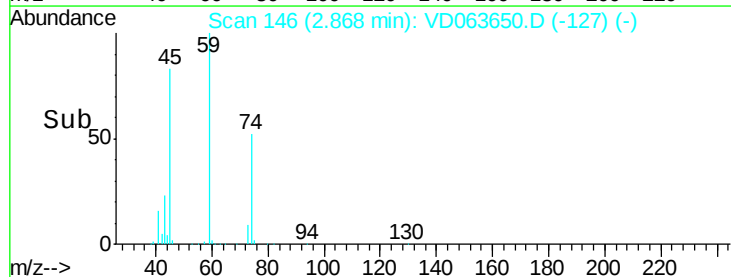
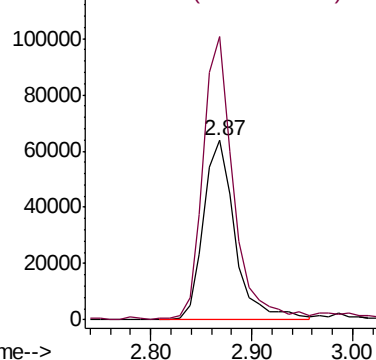
#8

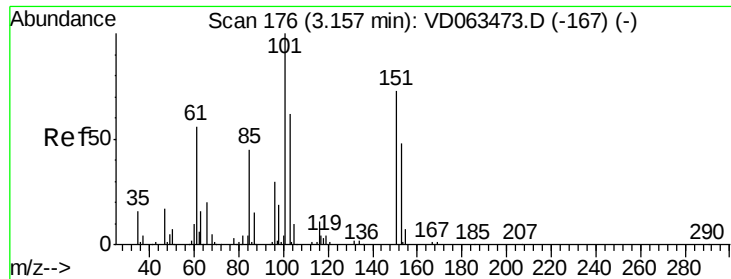
Diethyl Ether
 Concen: 47.809 ug/l
 RT: 2.87 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 74 Resp: 139262
 Ion Ratio Lower Upper
 74 100
 45 157.8 68.5 205.5



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.586 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampled :

BFB

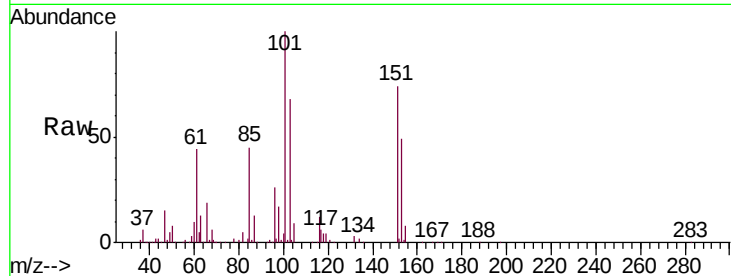
Tgt Ion:101 Resp: 579700

Ion Ratio Lower Upper

101 100

85 45.1 35.8 53.6

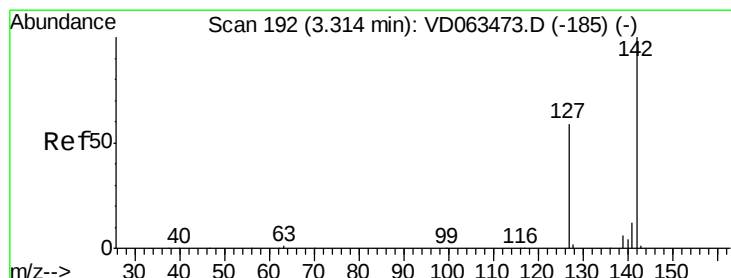
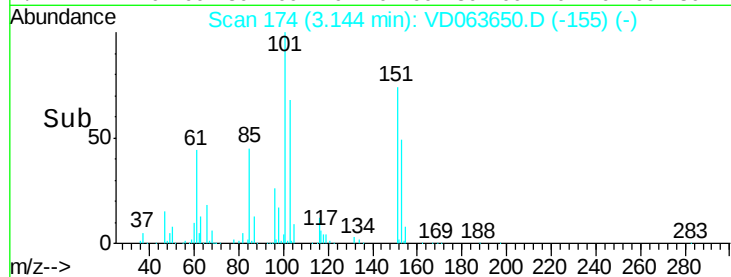
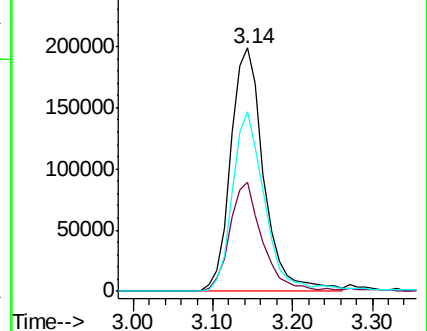
151 73.6 58.6 88.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 45.249 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

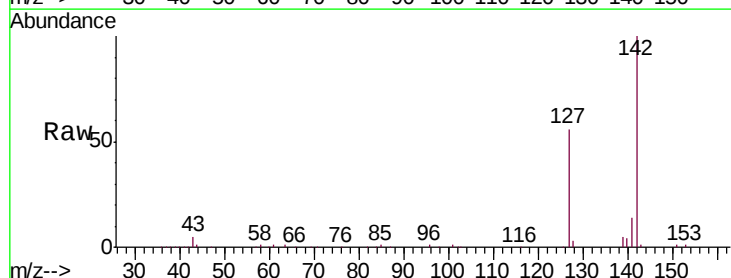
Tgt Ion:142 Resp: 779943

Ion Ratio Lower Upper

142 100

127 55.9 47.2 70.8

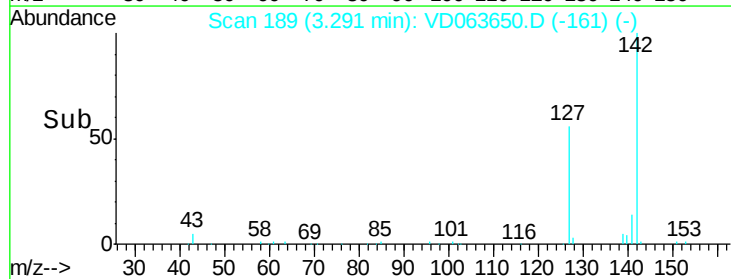
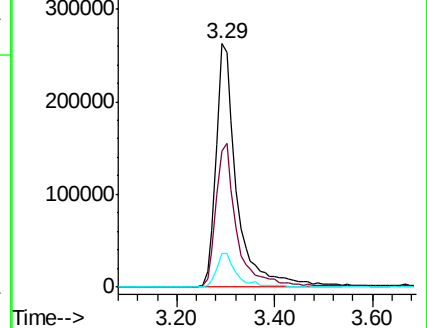
141 13.7 9.8 14.8

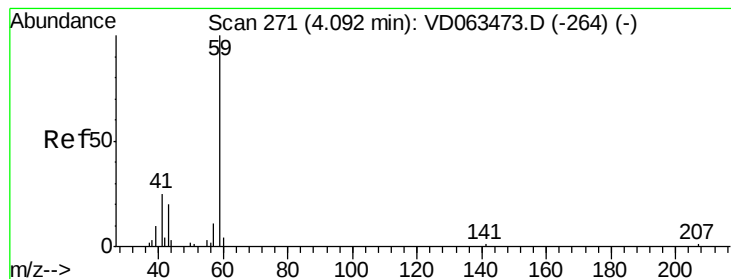


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



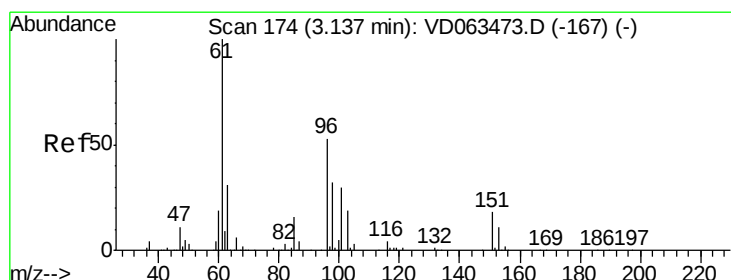
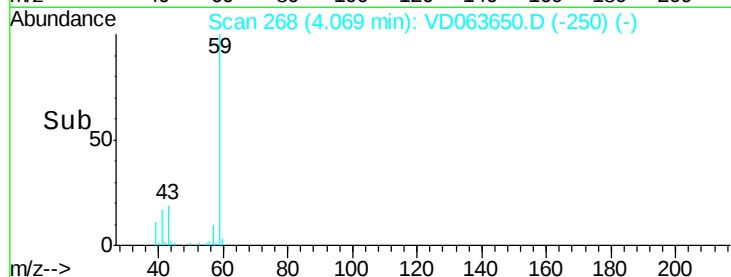
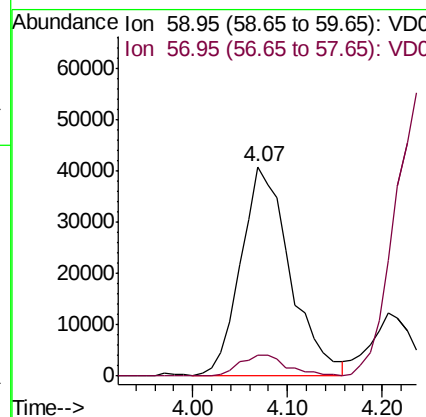
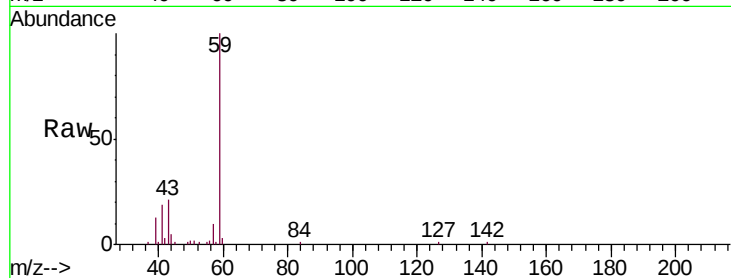


#11

Tert butyl alcohol
Concen: 284.179 ug/l
RT: 4.07 min Scan# 268
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
BFB

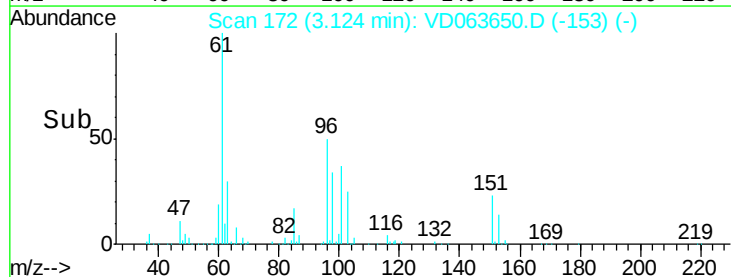
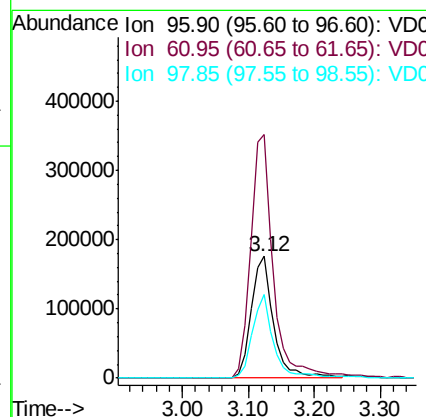
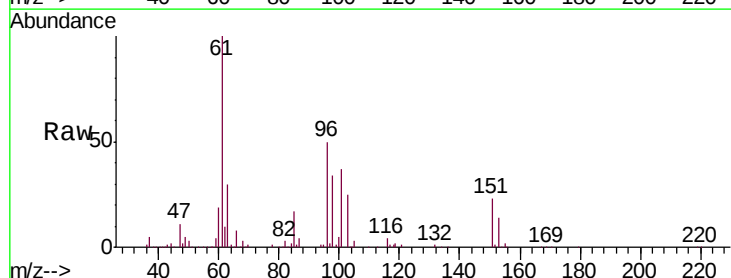
Tgt Ion: 59 Resp: 148221
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

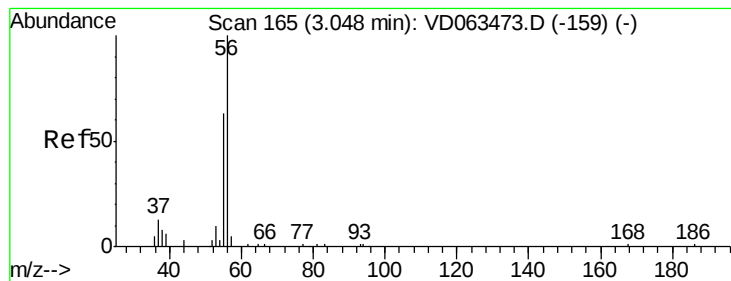


#12

1,1-Dichloroethene
Concen: 46.451 ug/l
RT: 3.12 min Scan# 172
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 96 Resp: 420715
Ion Ratio Lower Upper
96 100
61 200.1 151.7 227.5
98 68.9 48.4 72.6





#13

Acrolein

Concen: 240.661 ug/l

RT: 3.03 min Scan# 162

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

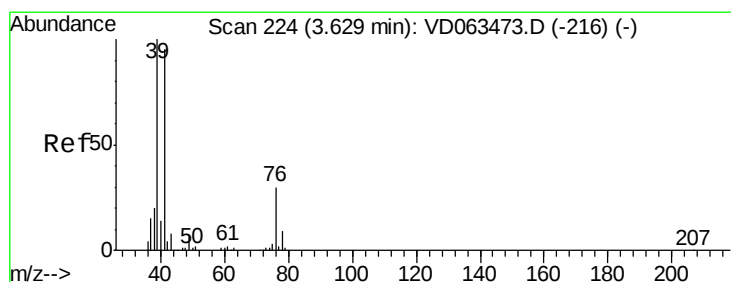
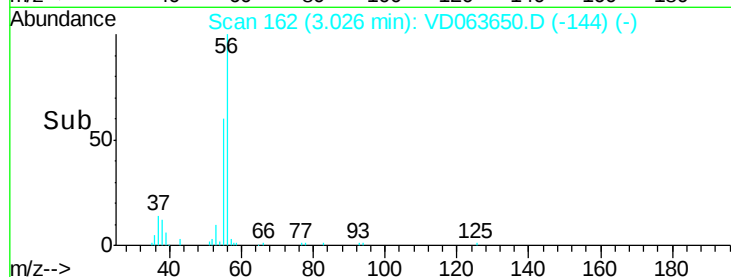
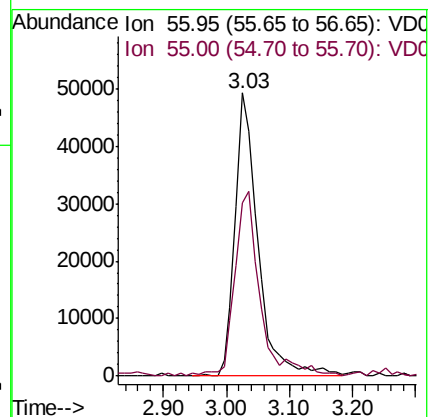
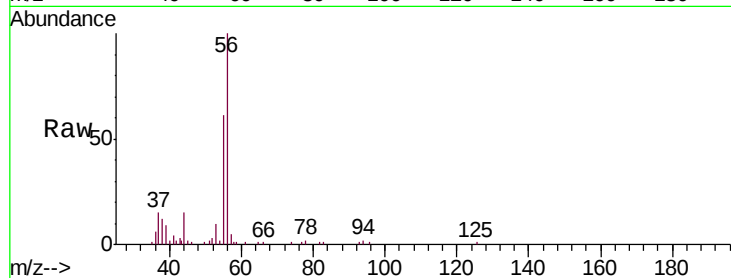
BFB

Tgt Ion: 56 Resp: 123554

Ion Ratio Lower Upper

56 100

55 61.1 51.3 76.9



#14

Allyl chloride

Concen: 48.672 ug/l

RT: 3.62 min Scan# 222

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

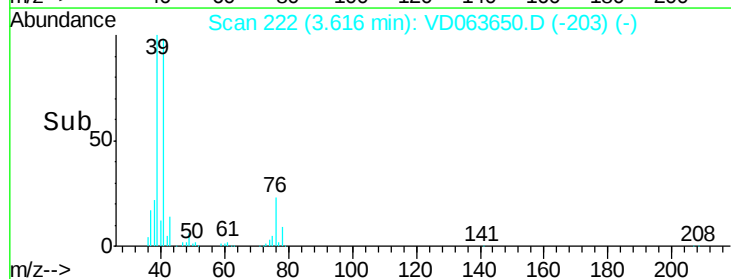
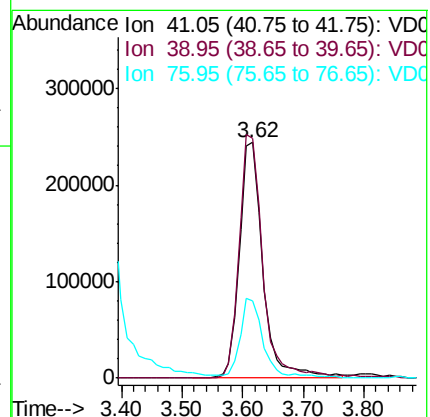
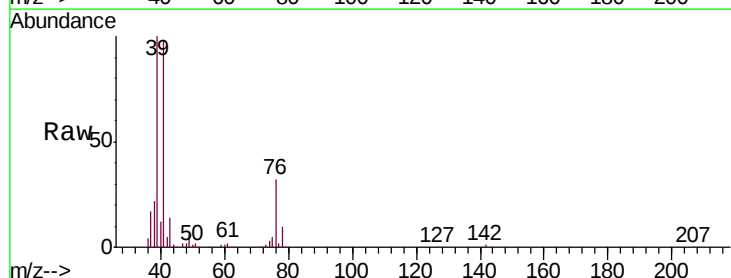
Tgt Ion: 41 Resp: 662696

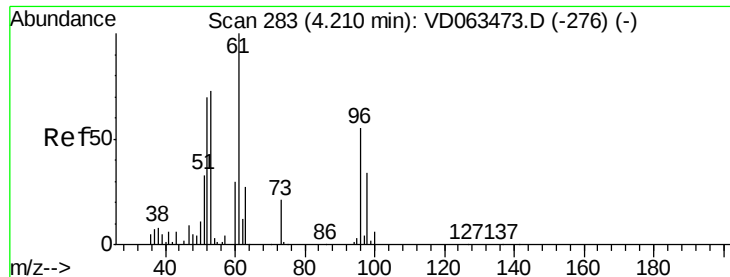
Ion Ratio Lower Upper

41 100

39 102.0 84.2 126.4

76 32.7 26.0 39.0





#15

Acrylonitrile

Concen: 250.199 ug/l

RT: 4.20 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

BFB

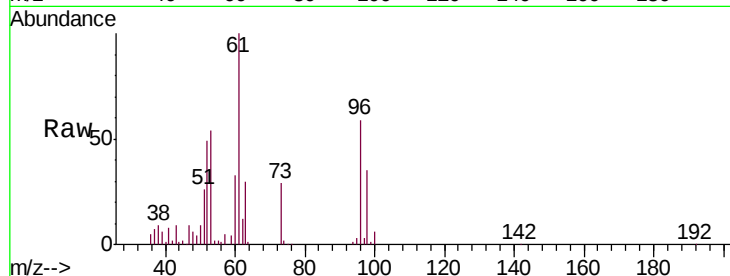
Tgt Ion: 53 Resp: 345658

Ion Ratio Lower Upper

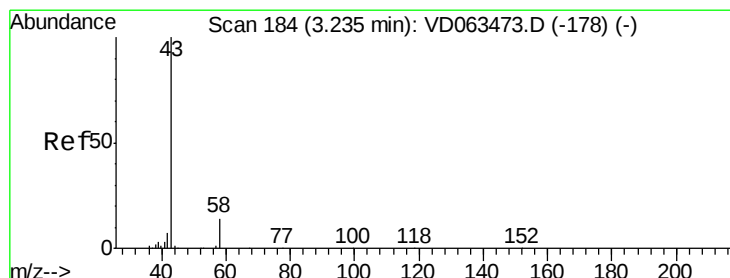
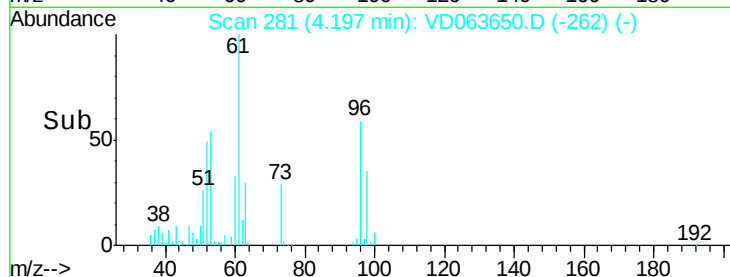
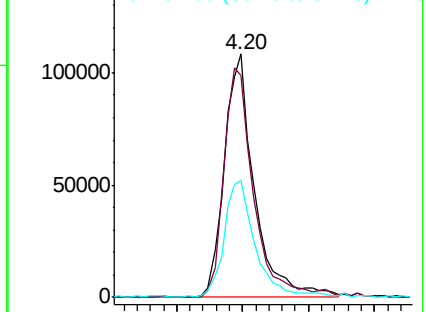
53 100

52 91.2 77.4 116.0

51 48.3 36.7 55.1



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



#16

Acetone

Concen: 273.246 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063650.D

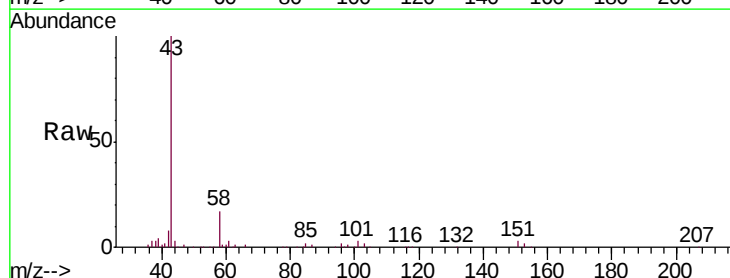
Acq: 19 Aug 2019 11:36

Tgt Ion: 43 Resp: 665514

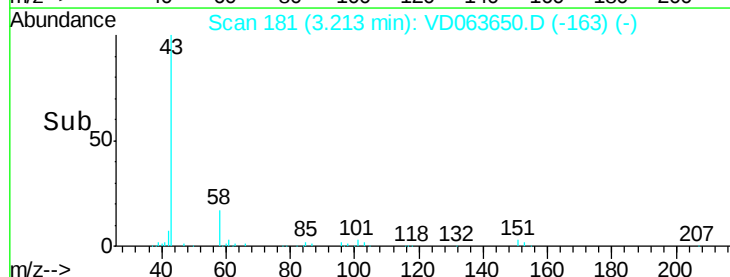
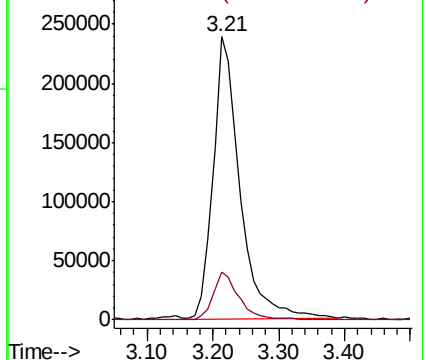
Ion Ratio Lower Upper

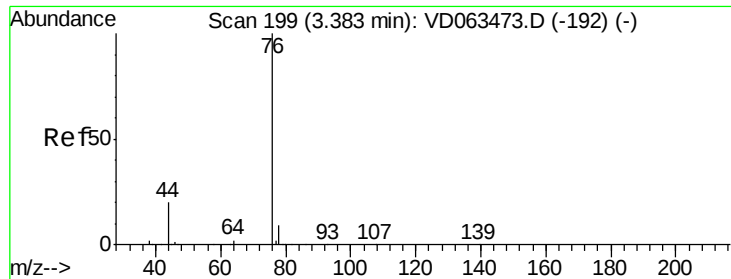
43 100

58 16.9 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

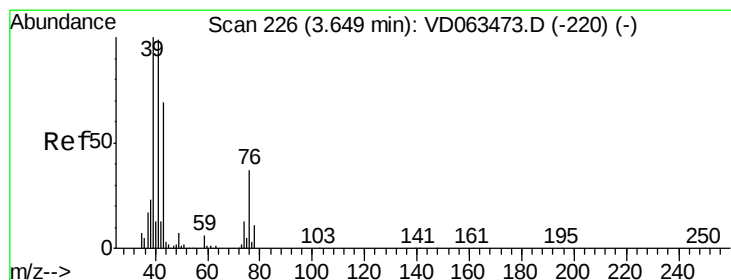
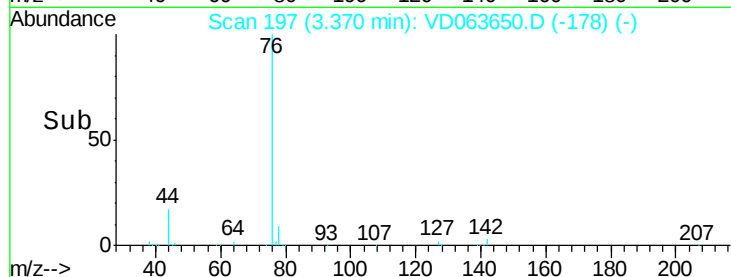
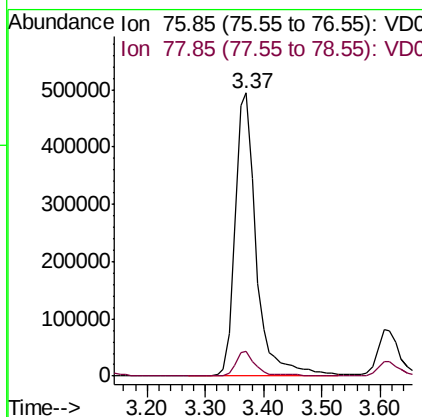
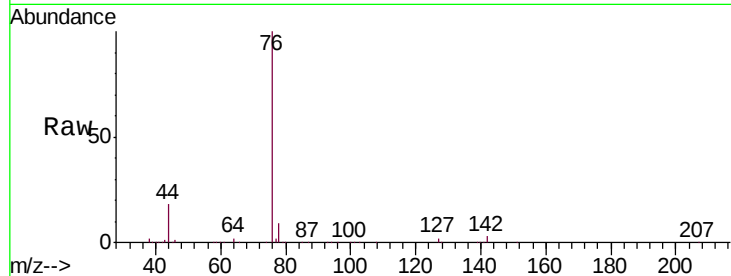




#17
Carbon Disulfide
Concen: 43.465 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

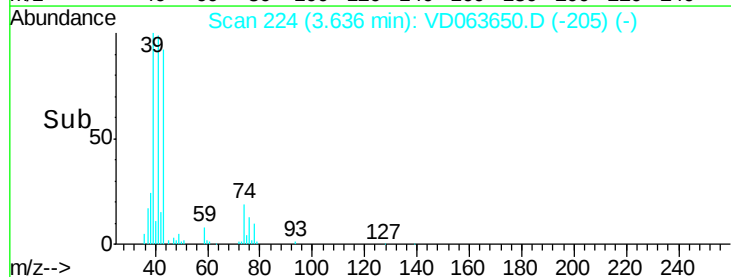
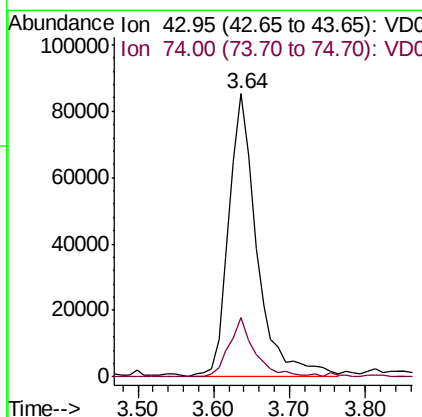
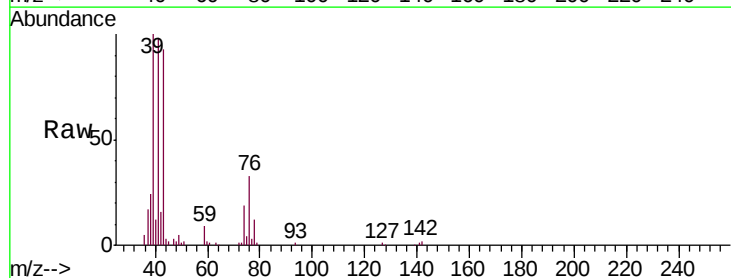
Instrument :
MSVOA_D
ClientSampleId :
BFB

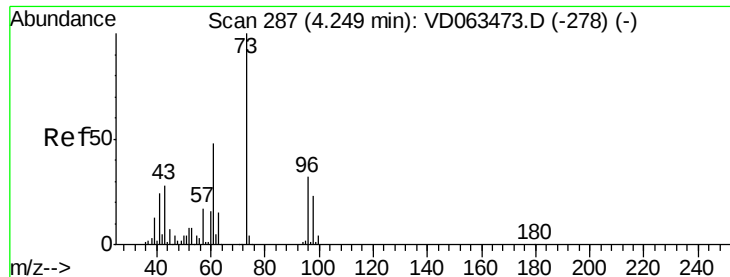
Tgt Ion: 76 Resp: 1242456
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 47.911 ug/l
RT: 3.64 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 43 Resp: 221028
Ion Ratio Lower Upper
43 100
74 20.8 15.4 23.2

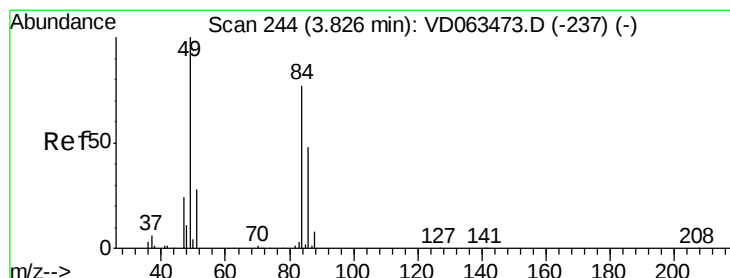
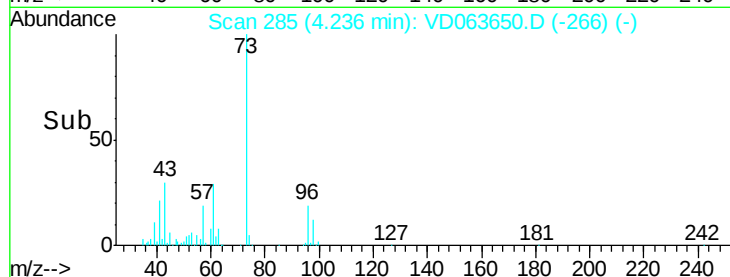
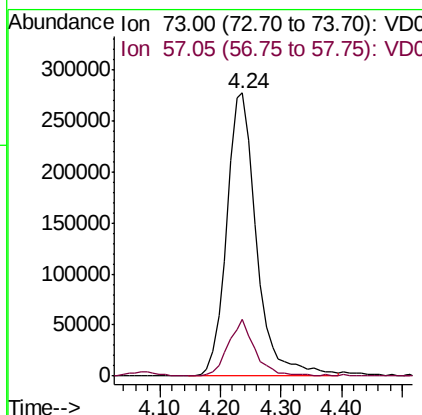
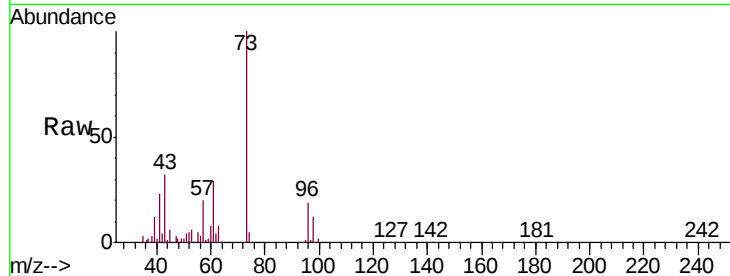




#19
Methyl tert-butyl Ether
Concen: 52.319 ug/l
RT: 4.24 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

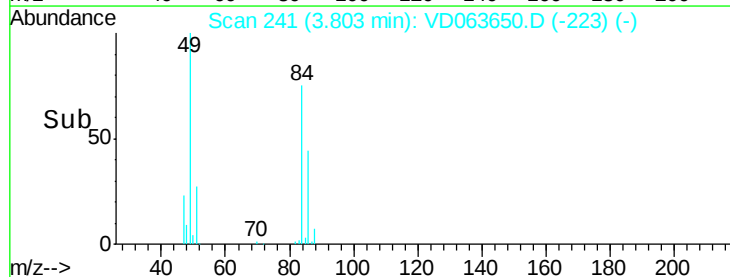
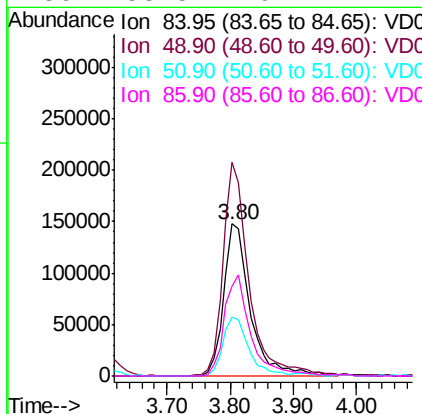
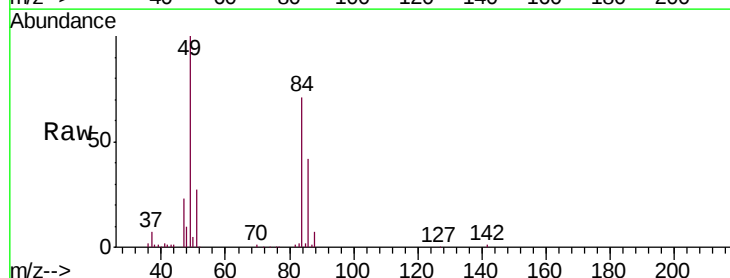
Instrument :
MSVOA_D
ClientSampleId :
BFB

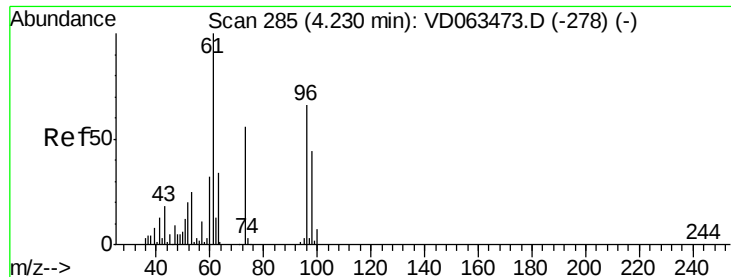
Tgt Ion: 73 Resp: 947679
Ion Ratio Lower Upper
73 100
57 19.9 14.0 21.0



#20
Methylene Chloride
Concen: 41.079 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 84 Resp: 432639
Ion Ratio Lower Upper
84 100
49 140.3 103.4 155.2
51 38.3 28.5 42.7
86 58.5 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 47.000 ug/l

RT: 4.22 min Scan# 283

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

BFB

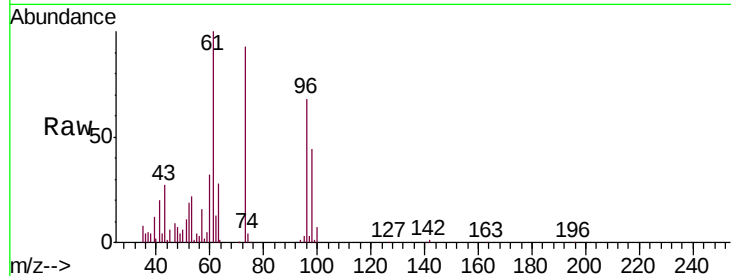
Tgt Ion: 96 Resp: 447960

Ion Ratio Lower Upper

96 100

61 147.6 121.7 182.5

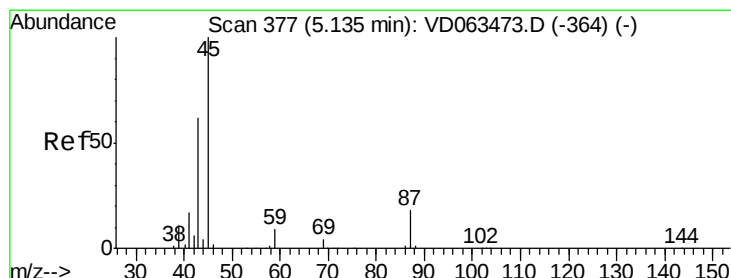
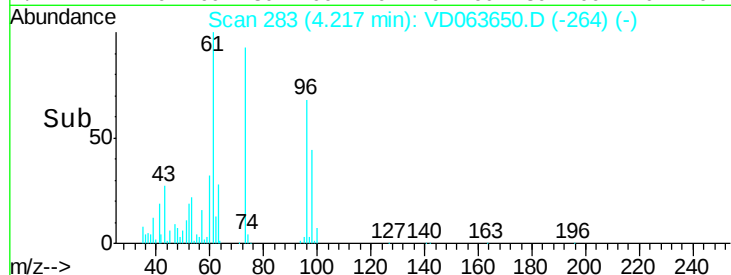
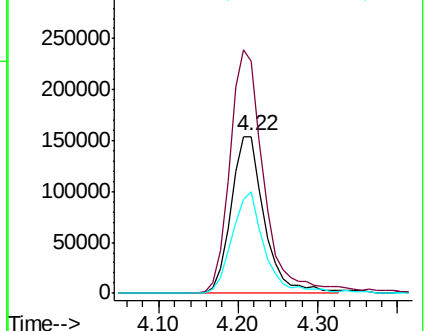
98 64.2 54.2 81.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 47.227 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Tgt Ion: 45 Resp: 1326907

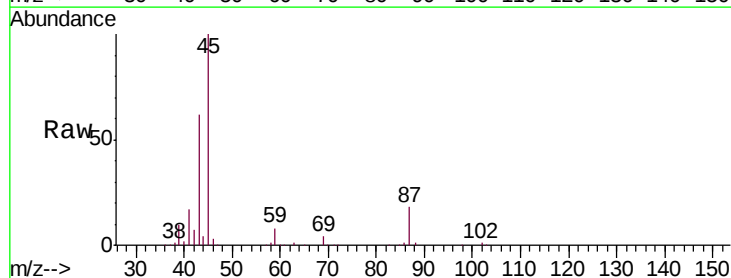
Ion Ratio Lower Upper

45 100

43 62.4 50.3 75.5

87 18.1 14.3 21.5

59 8.5 7.7 11.5

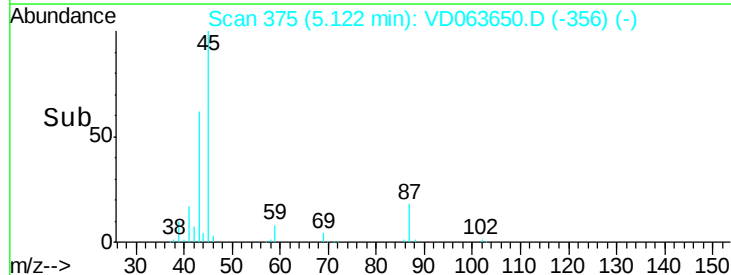
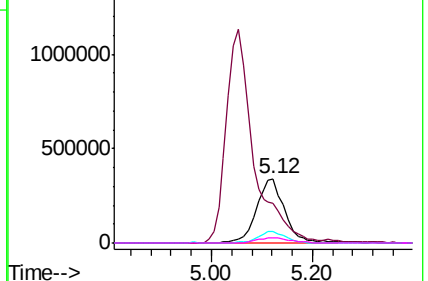


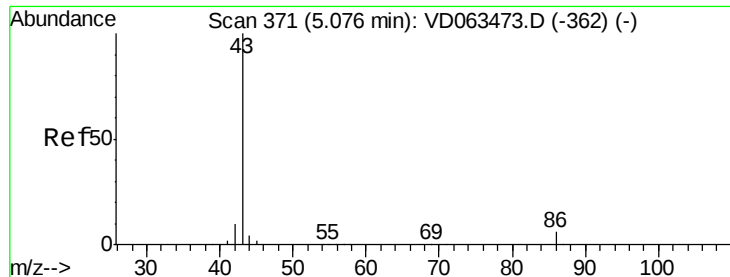
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 262.194 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

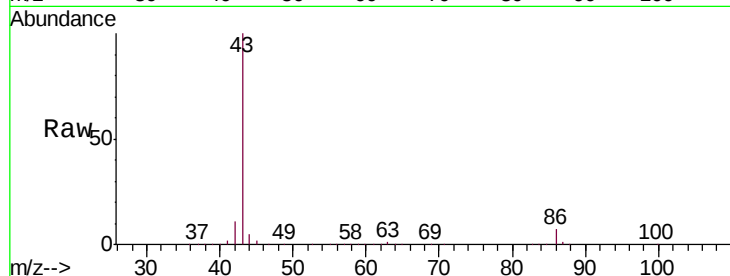
BFB

Tgt Ion: 43 Resp: 4282650

Ion Ratio Lower Upper

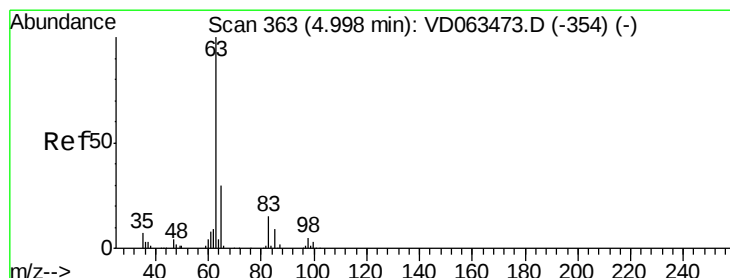
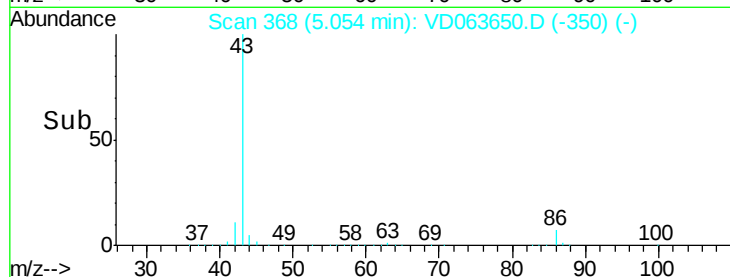
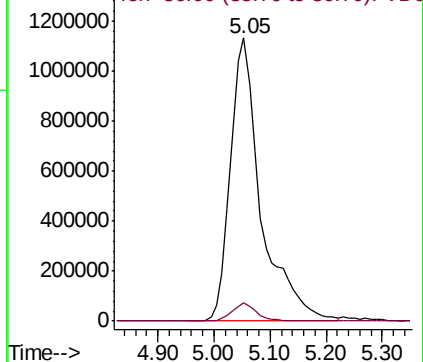
43 100

86 6.6 4.8 7.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.497 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

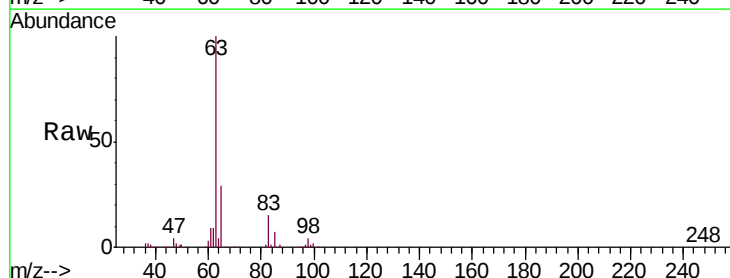
Tgt Ion: 63 Resp: 845122

Ion Ratio Lower Upper

63 100

98 3.9 2.4 7.2

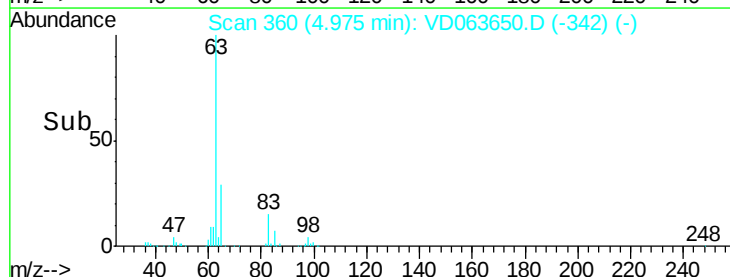
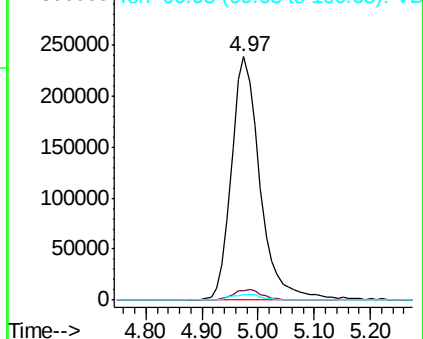
100 2.0 1.3 3.8

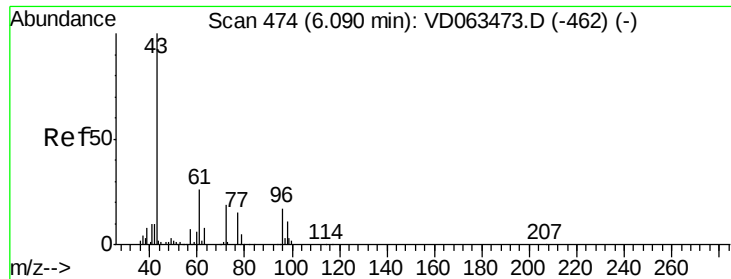


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 251.864 ug/l

RT: 6.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

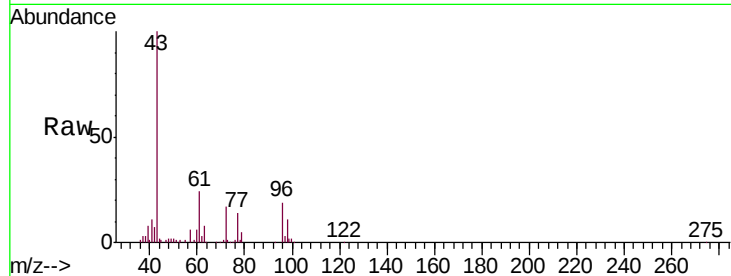
BFB

Tgt Ion: 43 Resp: 605851

Ion Ratio Lower Upper

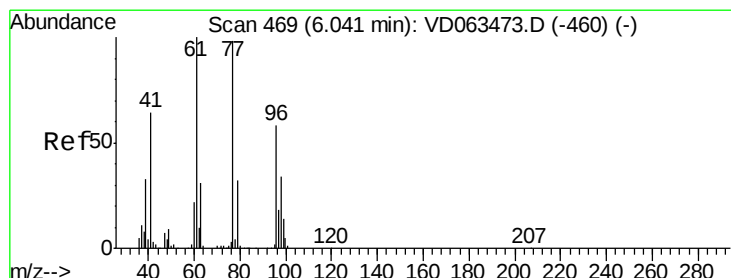
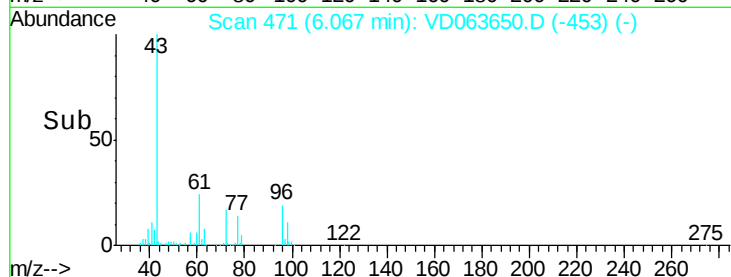
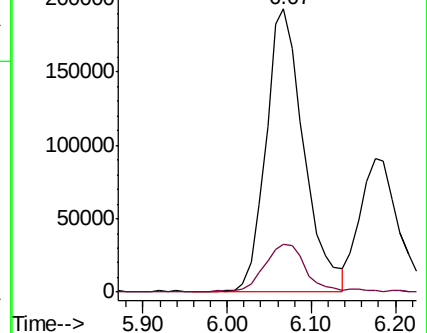
43 100

72 17.1 15.1 22.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.452 ug/l

RT: 6.02 min Scan# 466

Delta R.T. -0.02 min

Lab File: VD063650.D

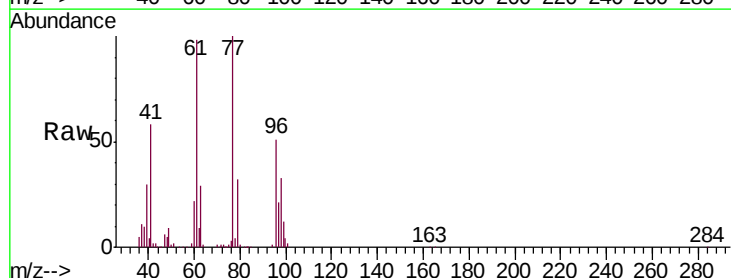
Acq: 19 Aug 2019 11:36

Tgt Ion: 77 Resp: 875704

Ion Ratio Lower Upper

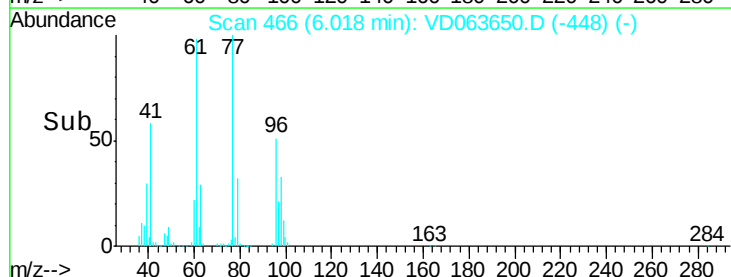
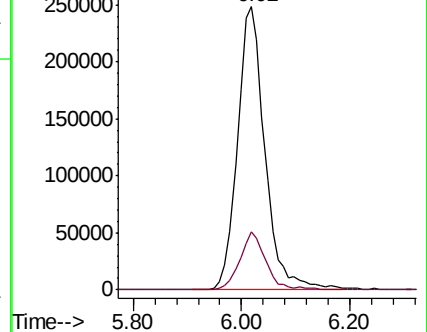
77 100

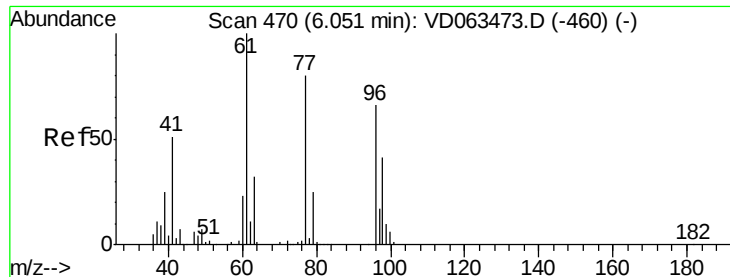
97 20.8 9.0 27.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



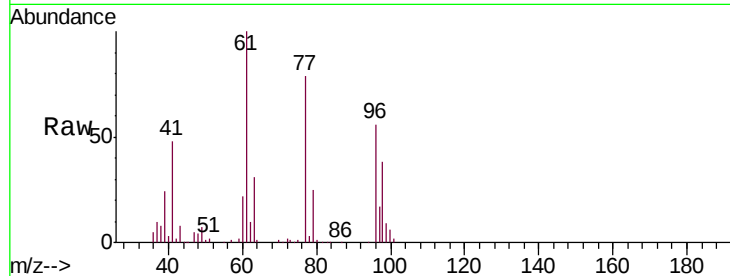


#27

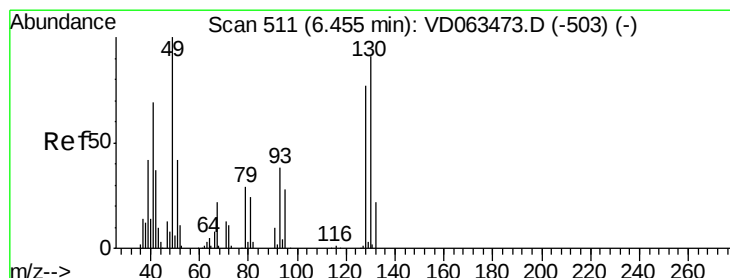
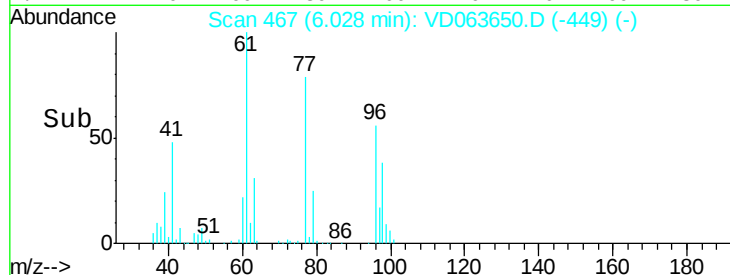
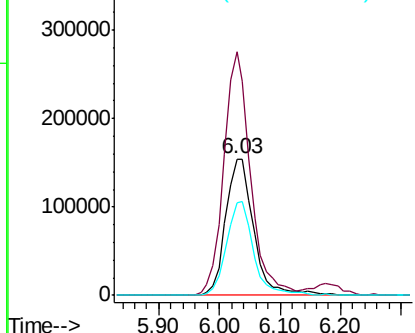
cis-1,2-Dichloroethene
Concen: 47.587 ug/l
RT: 6.03 min Scan# 467
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.9	0.0	304.0
98	68.4	0.0	124.8



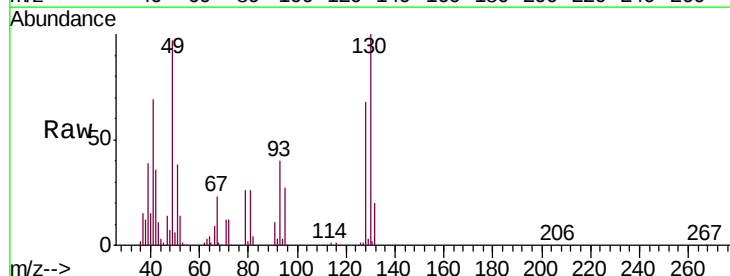
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



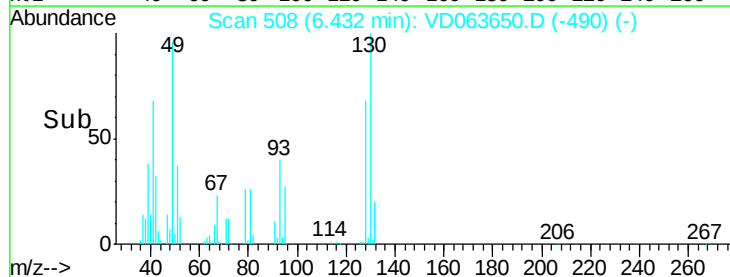
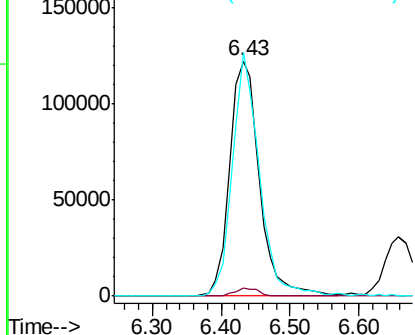
#28

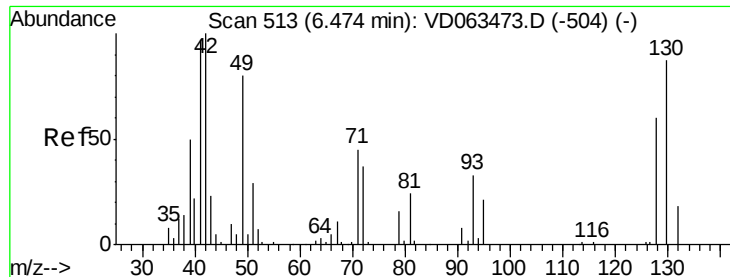
Bromochloromethane
Concen: 51.891 ug/l
RT: 6.43 min Scan# 508
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	6.4
130	103.5	72.4	108.6



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





#29

Tetrahydrofuran

Concen: 263.416 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

BFB

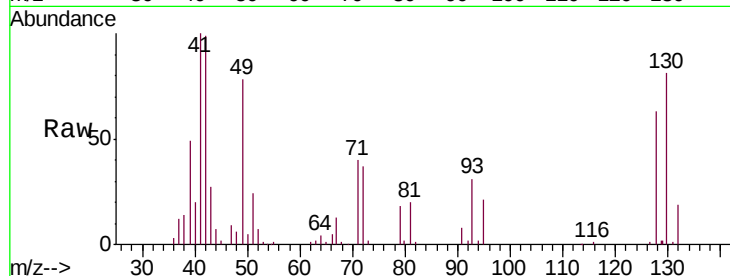
Tgt Ion: 42 Resp: 295260

Ion Ratio Lower Upper

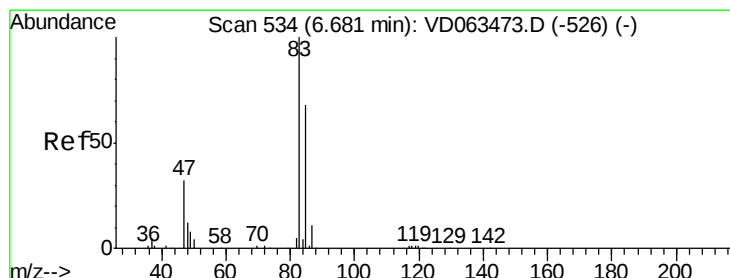
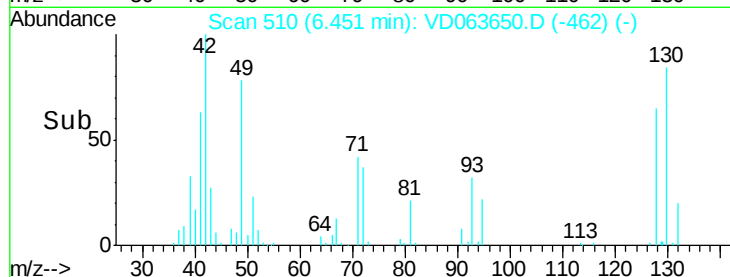
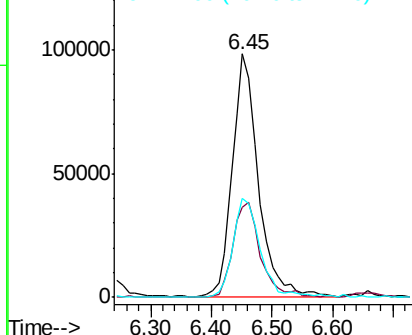
42 100

72 40.9 31.5 47.3

71 42.0 33.8 50.8



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: 45.130 ug/l

RT: 6.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: VD063650.D

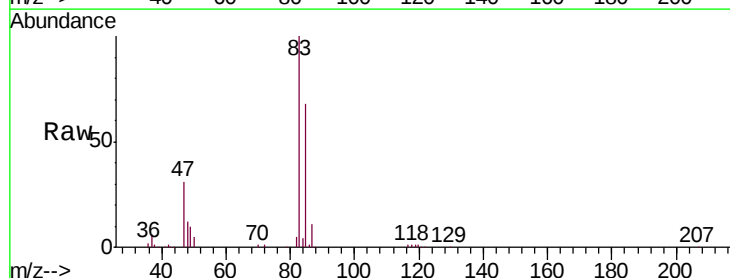
Acq: 19 Aug 2019 11:36

Tgt Ion: 83 Resp: 977539

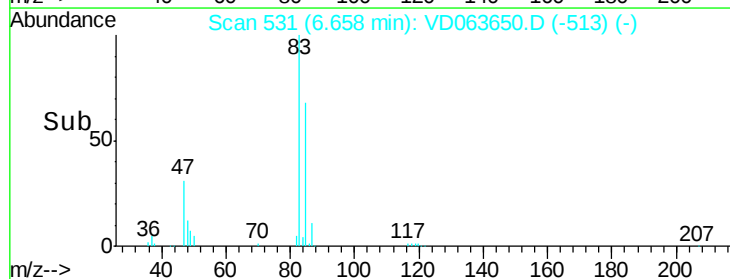
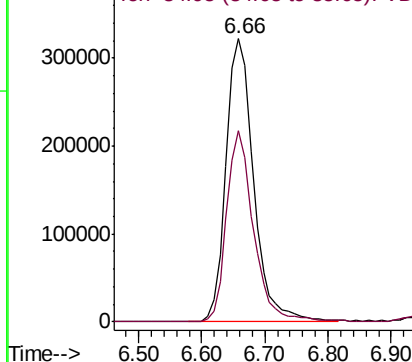
Ion Ratio Lower Upper

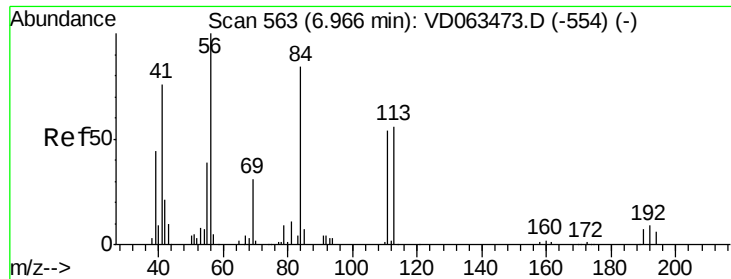
83 100

85 67.5 54.8 82.2



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC

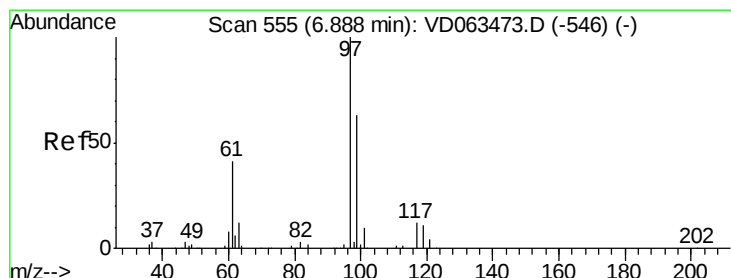
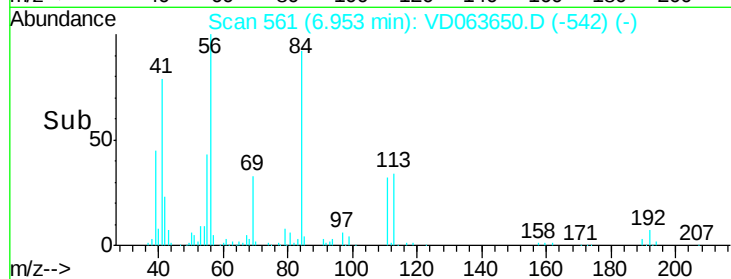
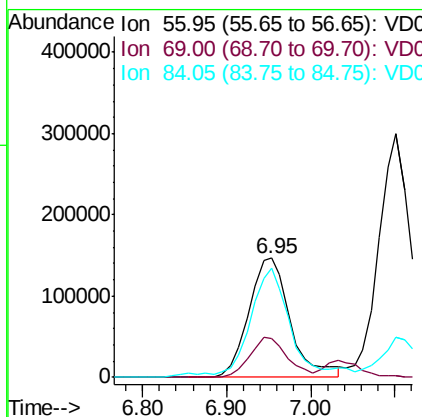
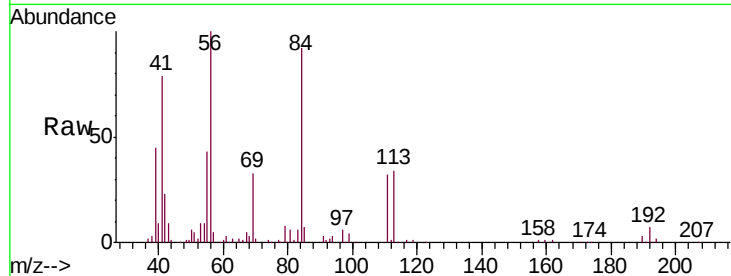




#31
Cyclohexane
Concen: 46.635 ug/l
RT: 6.95 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

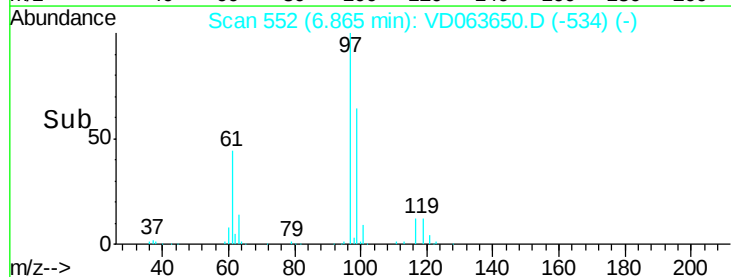
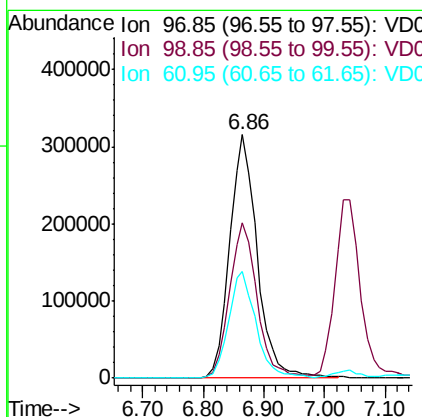
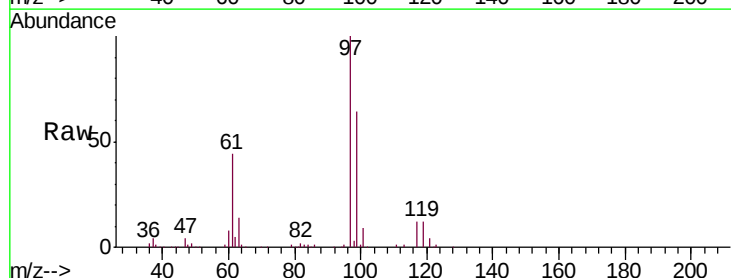
Instrument :
MSVOA_D
ClientSampleId :
BFB

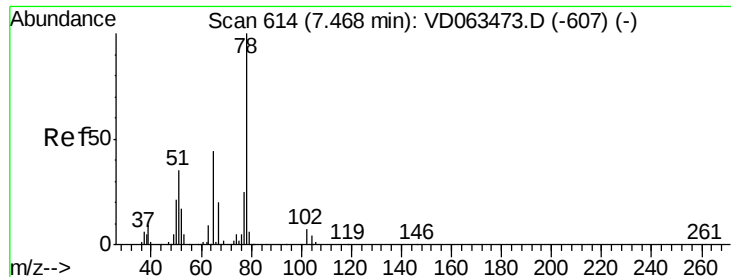
Tgt Ion: 56 Resp: 504511
Ion Ratio Lower Upper
56 100
69 33.0 25.0 37.6
84 92.1 69.7 104.5



#32
1,1,1-Trichloroethane
Concen: 48.107 ug/l
RT: 6.86 min Scan# 552
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 97 Resp: 996784
Ion Ratio Lower Upper
97 100
99 63.7 50.2 75.4
61 43.6 33.1 49.7

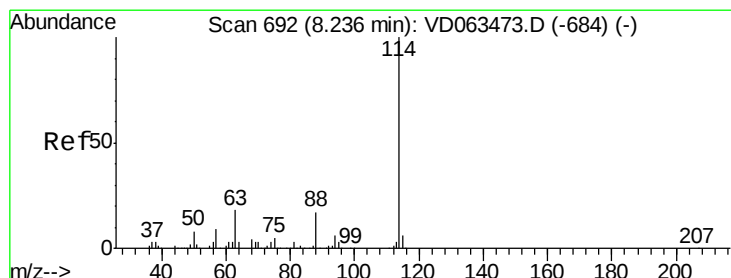
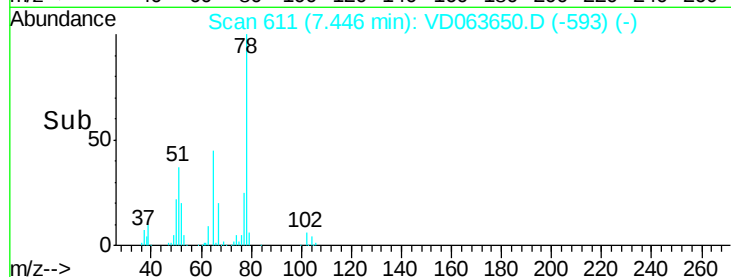
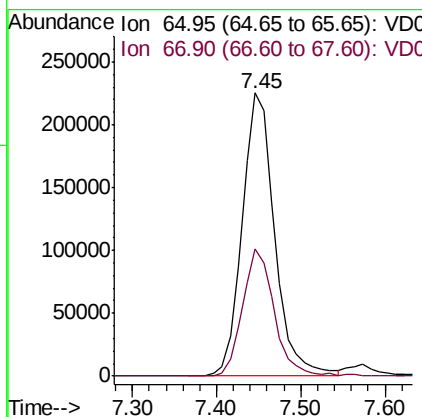
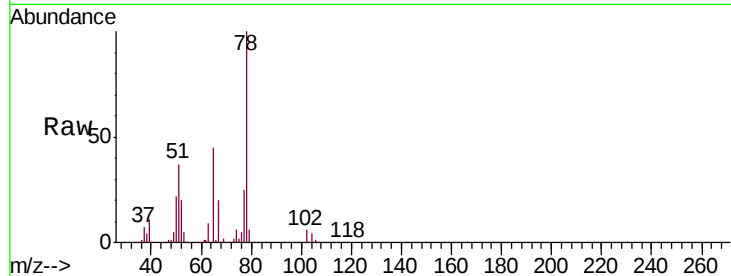




#33
 1,2-Dichloroethane-d4
 Concen: 50.705 ug/l
 RT: 7.45 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

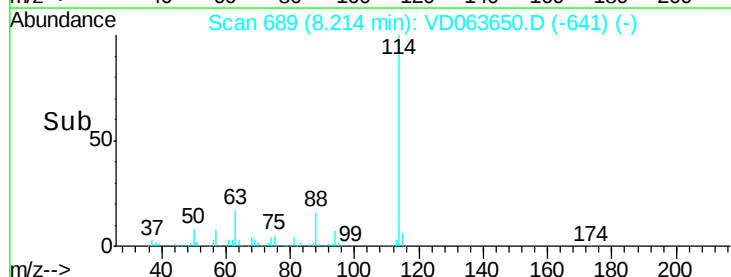
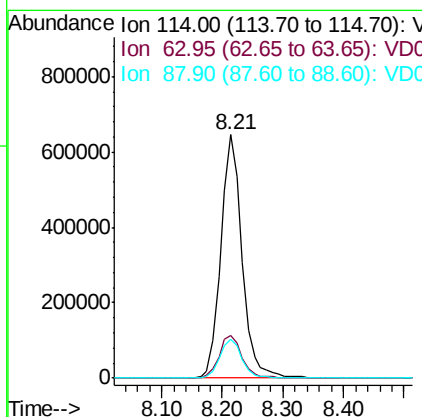
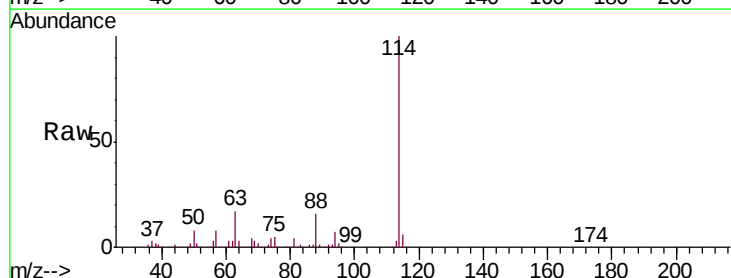
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

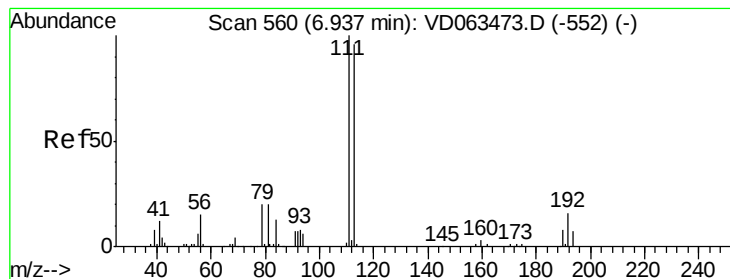
Tgt Ion: 65 Resp: 607513
 Ion Ratio Lower Upper
 65 100
 67 44.8 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 114 Resp: 1569687
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.2
 88 16.2 0.0 35.0





#35

Dibromofluoromethane

Concen: 51.186 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

BFB

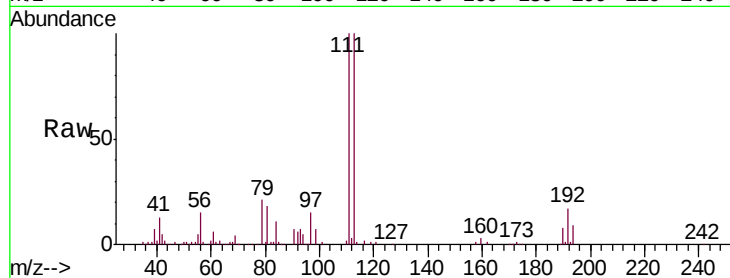
Tgt Ion:113 Resp: 676678

Ion Ratio Lower Upper

113 100

111 100.5 83.1 124.7

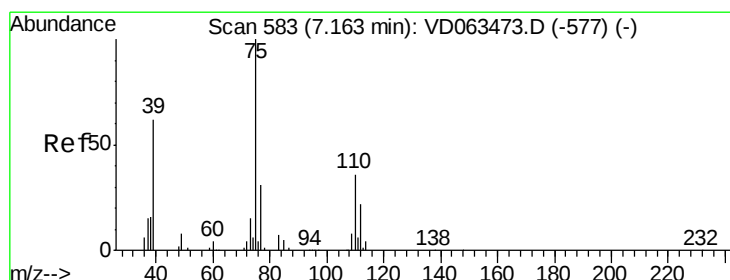
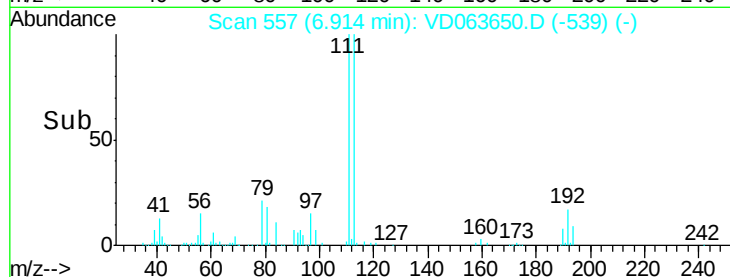
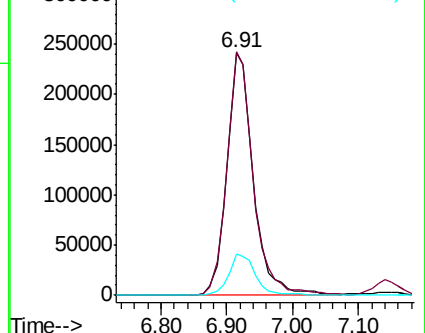
192 17.3 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 48.371 ug/l

RT: 7.14 min Scan# 580

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

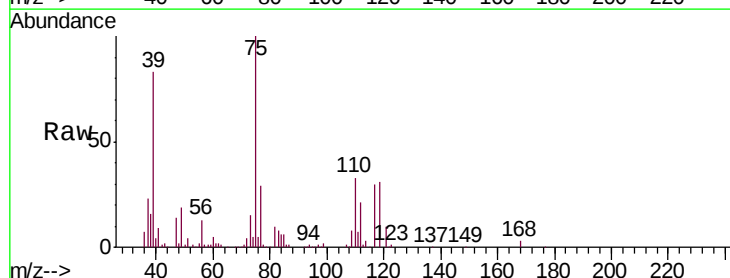
Tgt Ion: 75 Resp: 671219

Ion Ratio Lower Upper

75 100

110 33.2 17.6 52.8

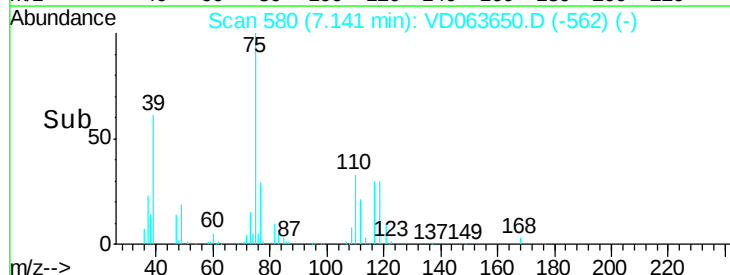
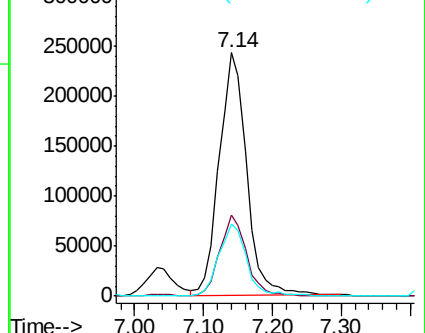
77 29.4 24.3 36.5

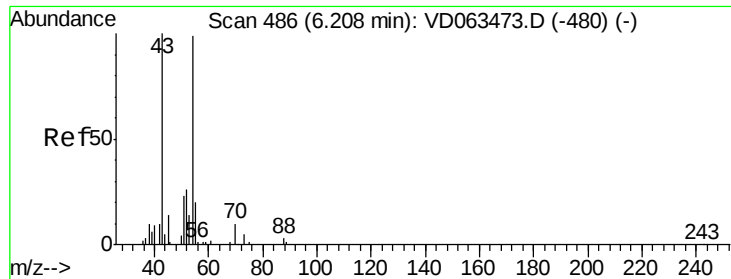


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

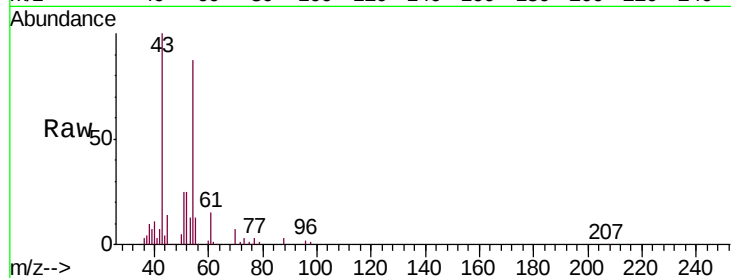




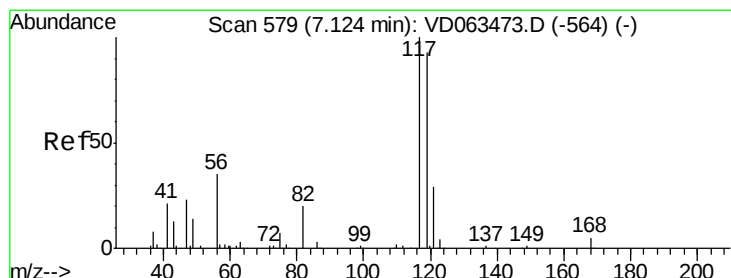
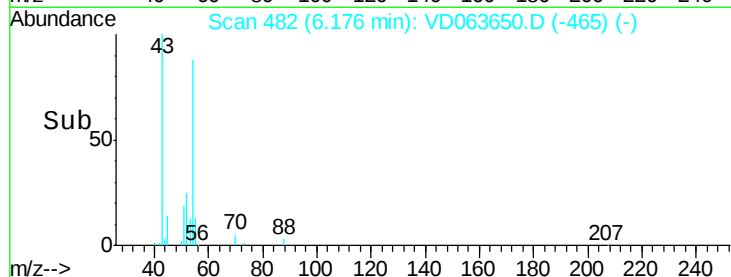
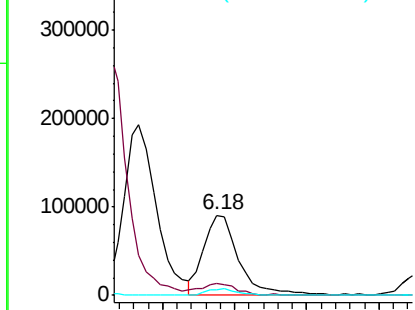
#37
Ethyl Acetate
Concen: 51.062 ug/l
RT: 6.18 min Scan# 482
Delta R.T. -0.03 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 296908
Ion Ratio Lower Upper
43 100
61 14.6 9.0 13.6#
70 6.5 6.9 10.3#

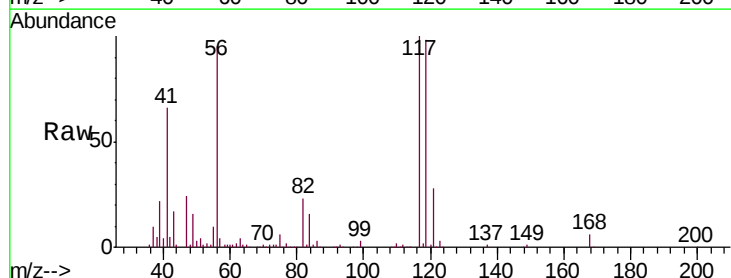


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

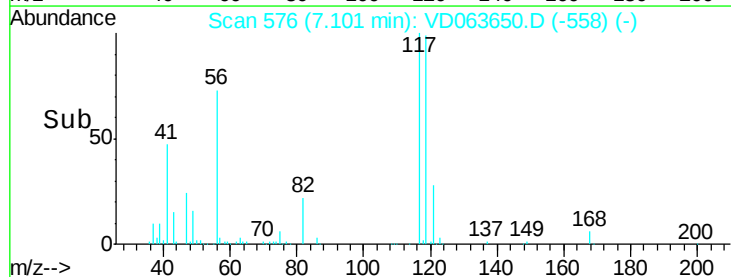
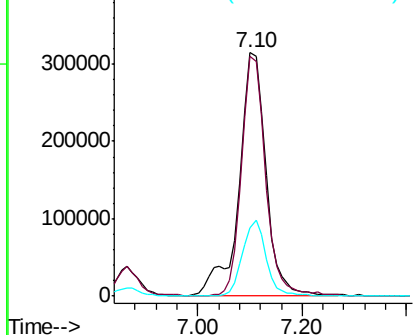


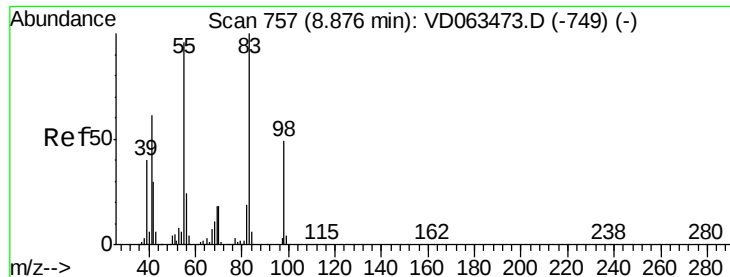
#38
Carbon Tetrachloride
Concen: 52.193 ug/l
RT: 7.10 min Scan# 576
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 117 Resp: 1091528
Ion Ratio Lower Upper
117 100
119 98.4 74.2 111.2
121 28.0 23.1 34.7



Abundance Ion 116.85 (116.55 to 117.55): VDC
Ion 118.85 (118.55 to 119.55): VDC
Ion 120.85 (120.55 to 121.55): VDC

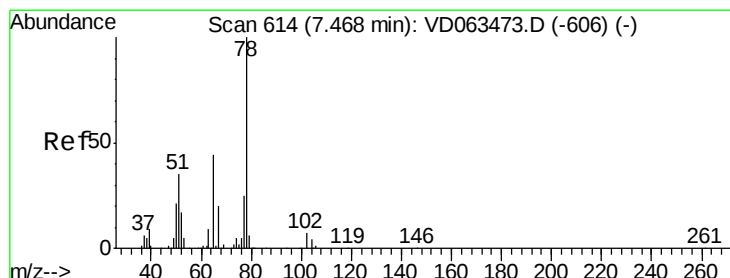
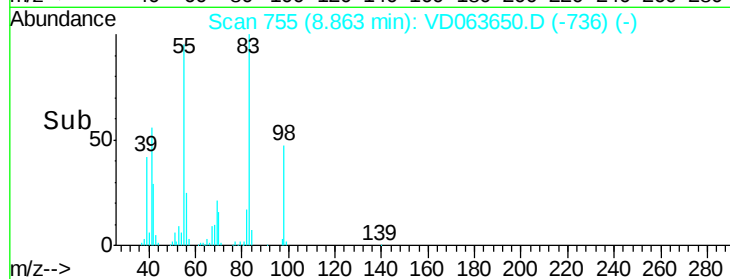
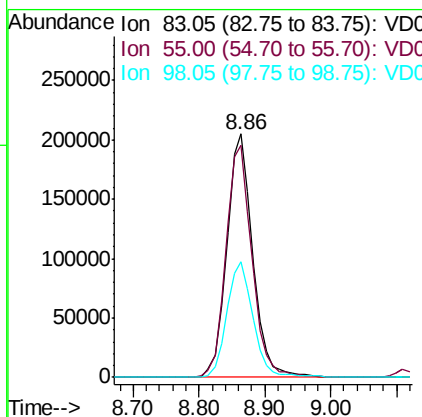
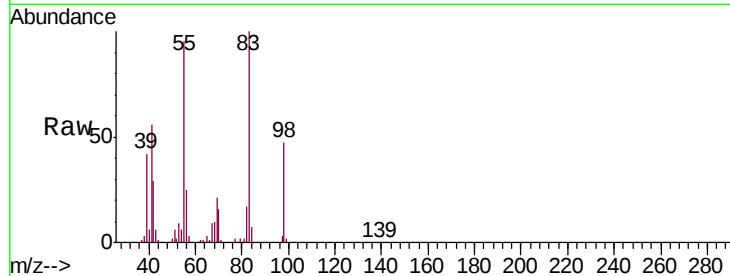




#39
Methylcyclohexane
Concen: 47.731 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

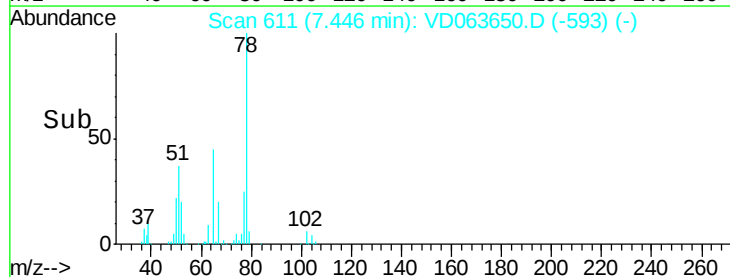
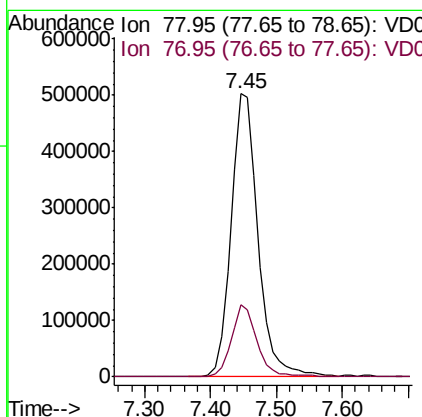
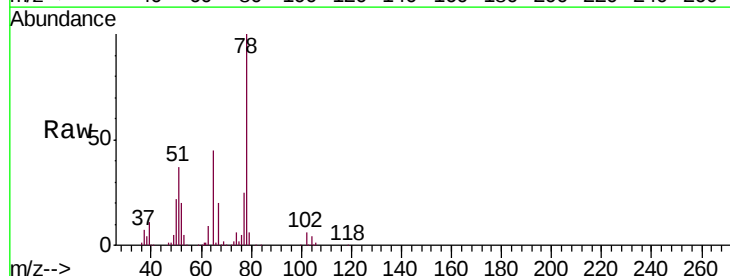
Instrument :
MSVOA_D
ClientSampleId :
BFB

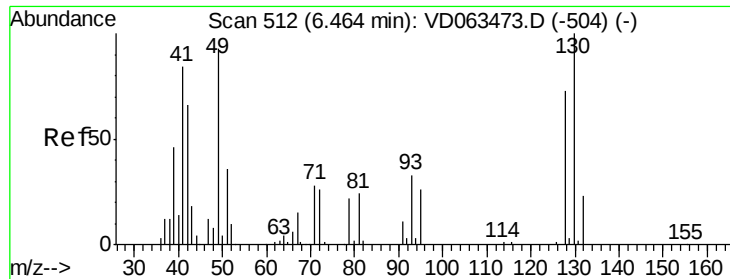
Tgt Ion: 83 Resp: 563212
Ion Ratio Lower Upper
83 100
55 95.3 76.6 114.8
98 47.4 39.4 59.0



#40
Benzene
Concen: 47.172 ug/l
RT: 7.45 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 78 Resp: 1440483
Ion Ratio Lower Upper
78 100
77 25.4 20.1 30.1





#41

Methacrylonitrile

Concen: 53.623 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

BFB

Tgt Ion: 41 Resp: 392586

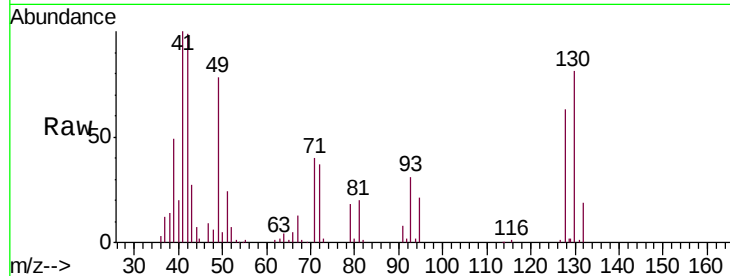
Ion Ratio Lower Upper

41 100

39 49.4 44.6 66.8

67 13.0 14.4 21.6#

52 7.0 9.3 13.9#

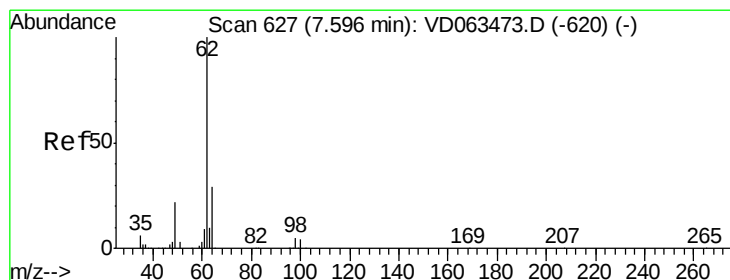
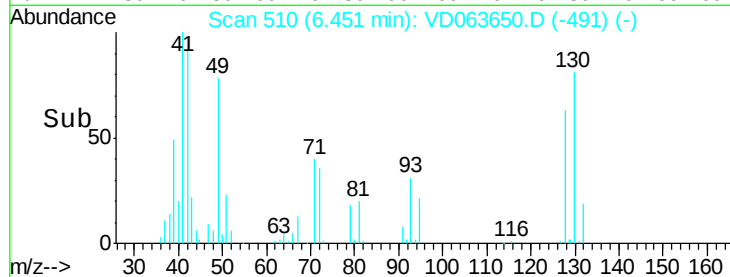
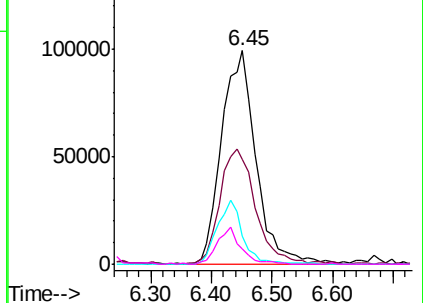


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 47.896 ug/l

RT: 7.57 min Scan# 624

Delta R.T. -0.02 min

Lab File: VD063650.D

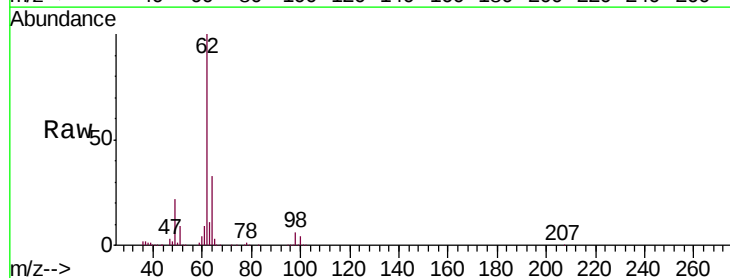
Acq: 19 Aug 2019 11:36

Tgt Ion: 62 Resp: 735434

Ion Ratio Lower Upper

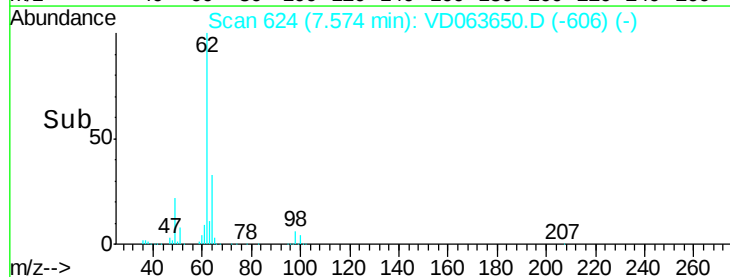
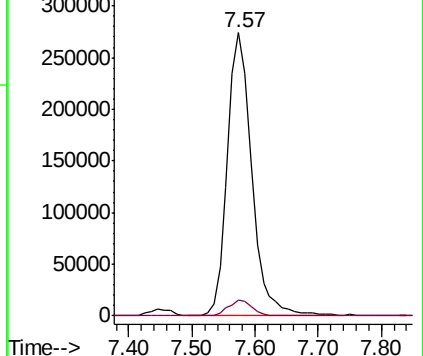
62 100

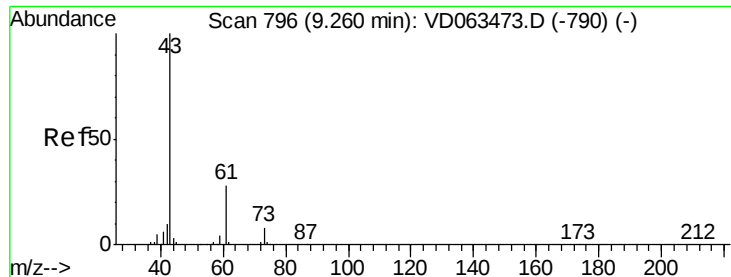
98 5.6 0.0 10.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

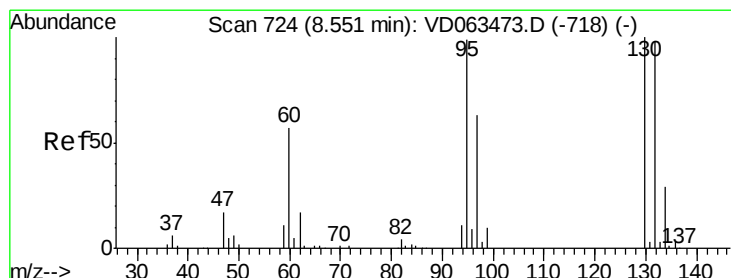
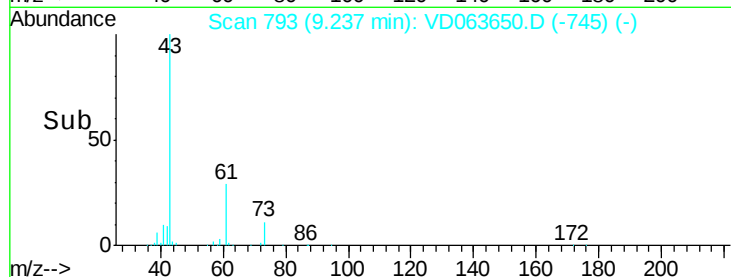
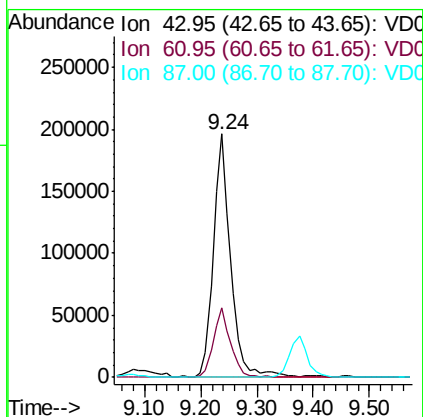
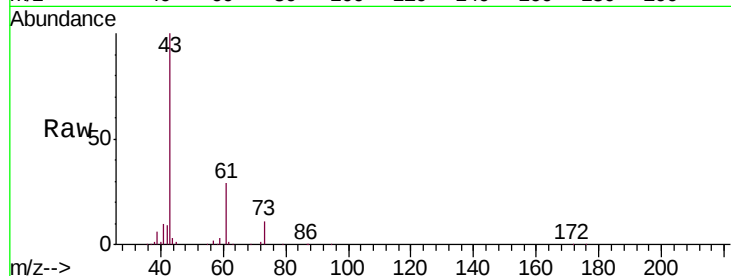




#43
Isopropyl Acetate
Concen: 54.386 ug/l
RT: 9.24 min Scan# 793
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

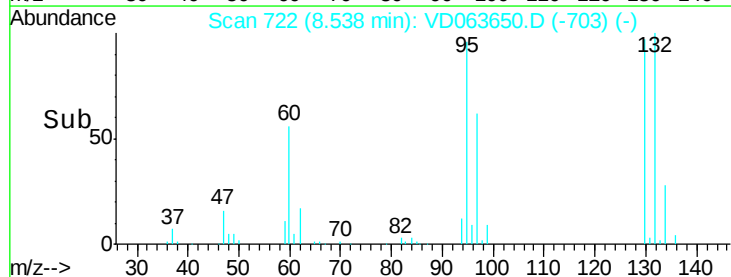
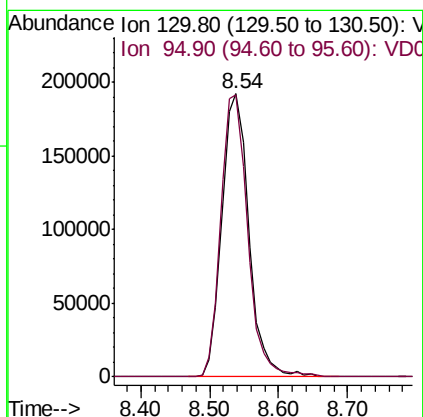
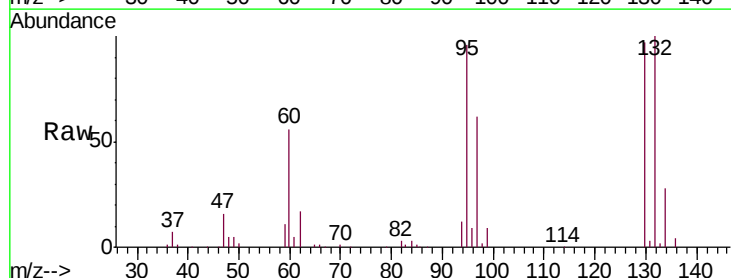
Instrument :
MSVOA_D
ClientSampled :
BFB

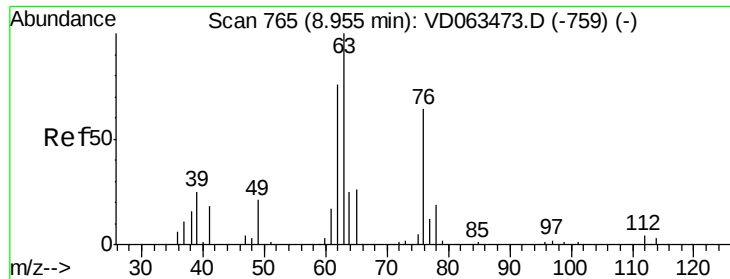
Tgt Ion: 43 Resp: 423543
Ion Ratio Lower Upper
43 100
61 28.6 22.2 33.2
87 0.3 0.2 0.4



#44
Trichloroethene
Concen: 44.894 ug/l
RT: 8.54 min Scan# 722
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 130 Resp: 524000
Ion Ratio Lower Upper
130 100
95 99.6 0.0 198.0





#45

1,2-Dichloropropane

Concen: 49.285 ug/l

RT: 8.94 min Scan# 763

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

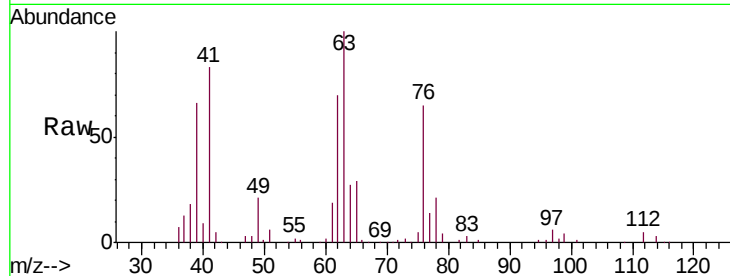
BFB

Tgt Ion: 63 Resp: 350483

Ion Ratio Lower Upper

63 100

65 28.9 22.5 33.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.94

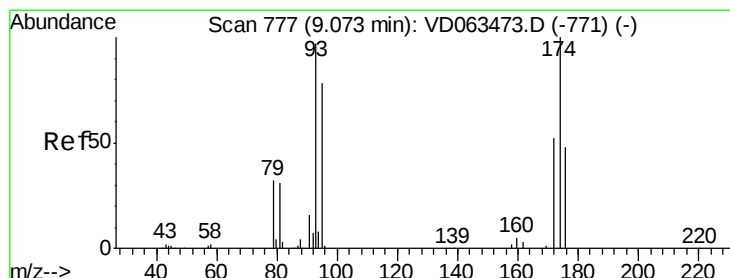
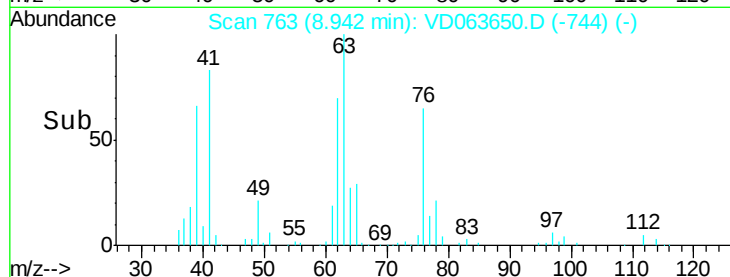
150000

100000

50000

0

Time--> 8.80 8.90 9.00 9.10



#46

Dibromomethane

Concen: 46.683 ug/l

RT: 9.06 min Scan# 775

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

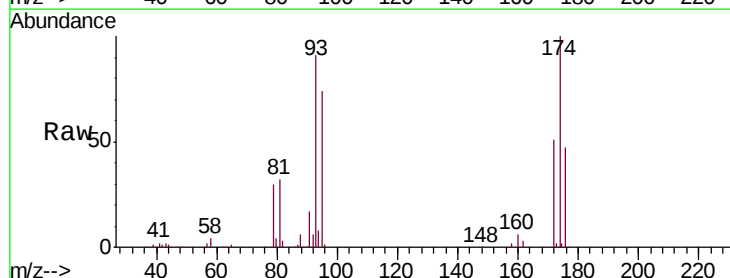
Tgt Ion: 93 Resp: 283503

Ion Ratio Lower Upper

93 100

95 82.0 64.2 96.2

174 110.2 82.1 123.1



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

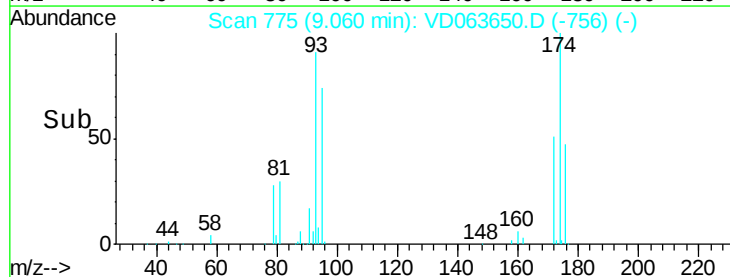
150000

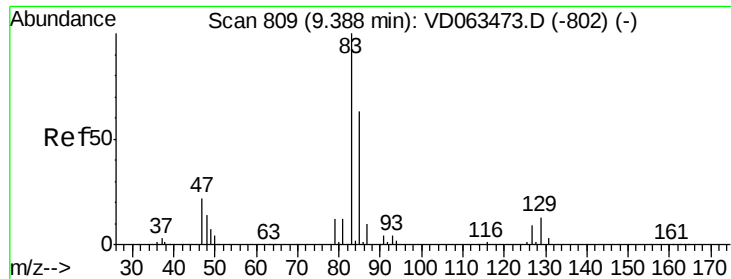
100000

50000

0

Time--> 8.90 9.00 9.10 9.20





#47

Bromodichloromethane

Concen: 49.012 ug/l

RT: 9.38 min Scan# 807

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

BFB

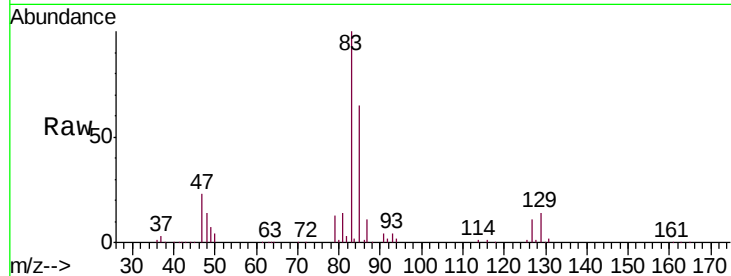
Tgt Ion: 83 Resp: 763492

Ion Ratio Lower Upper

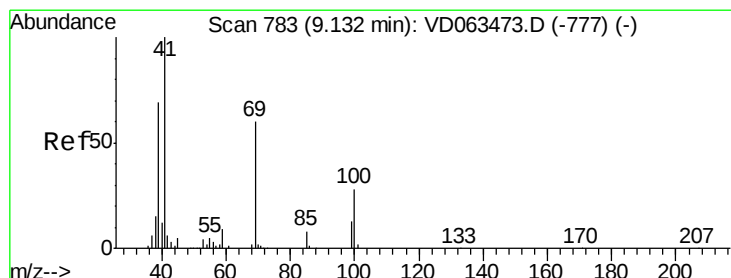
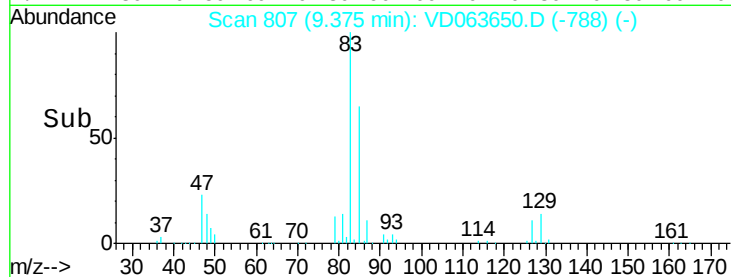
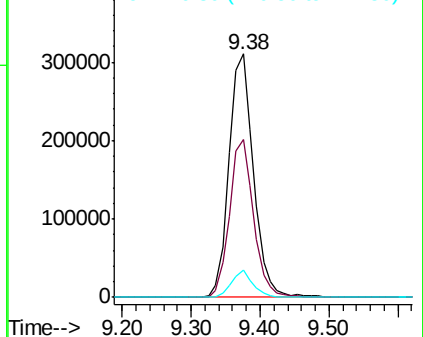
83 100

85 64.6 50.1 75.1

127 11.0 7.6 11.4



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 48.791 ug/l

RT: 9.11 min Scan# 780

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

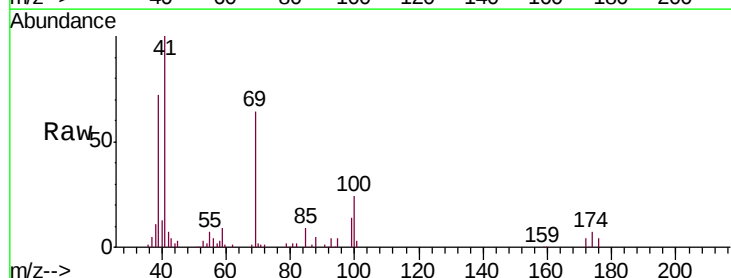
Tgt Ion: 41 Resp: 257687

Ion Ratio Lower Upper

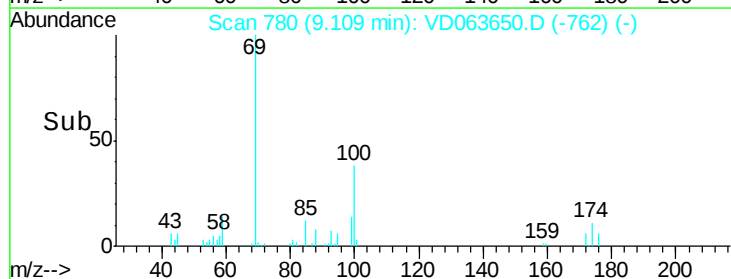
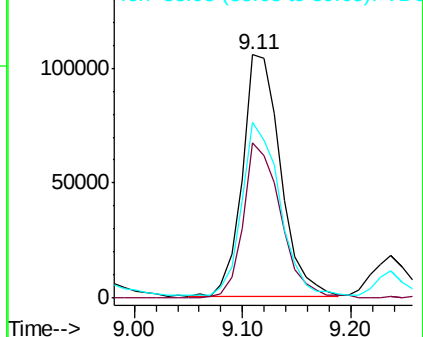
41 100

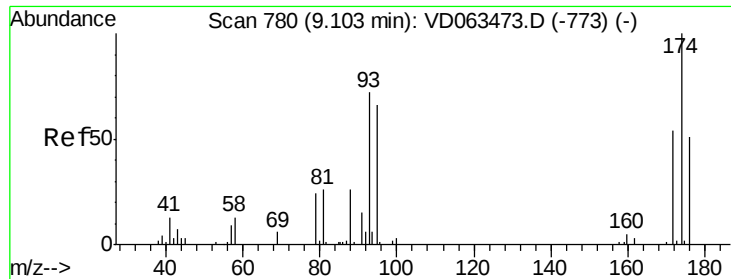
69 63.9 47.6 71.4

39 72.2 55.7 83.5



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

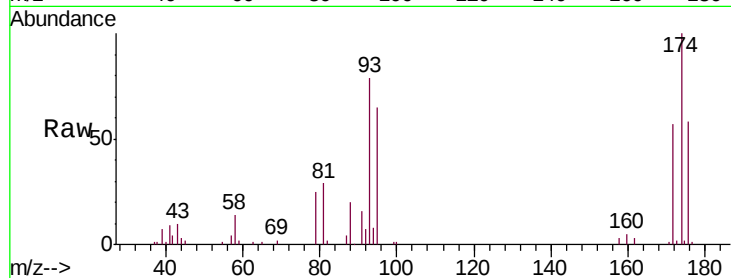




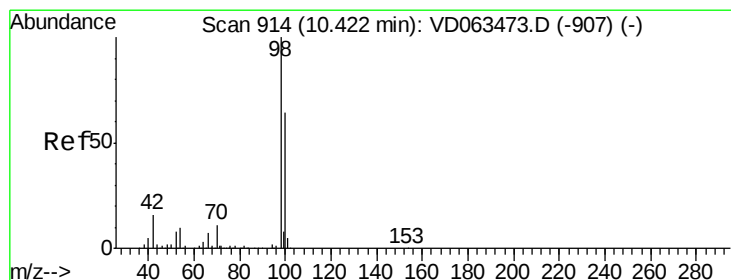
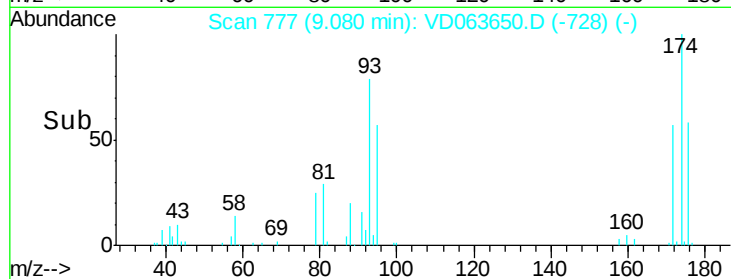
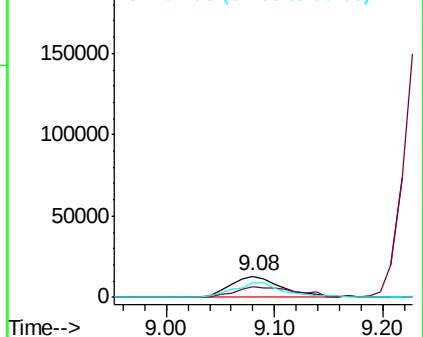
#49
1,4-Dioxane
Concen: 880.616 ug/l
RT: 9.08 min Scan# 777
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 88 Resp: 41389
Ion Ratio Lower Upper
88 100
43 48.0 22.9 34.3#
58 68.0 40.1 60.1#

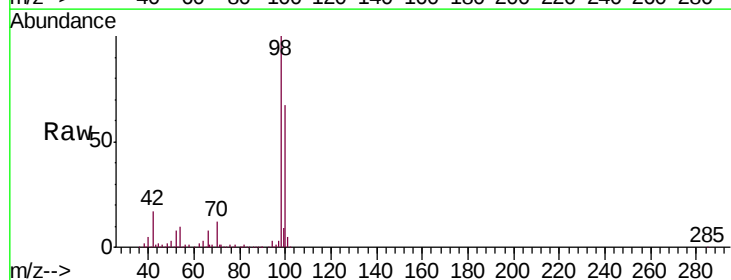


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

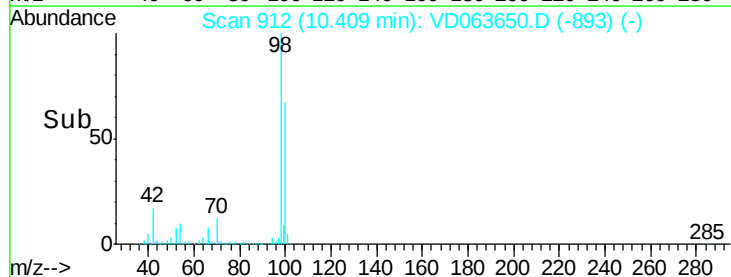
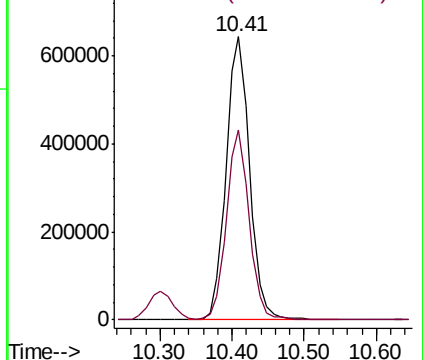


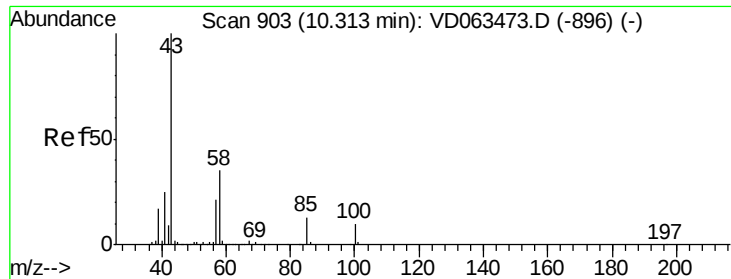
#50
Toluene-d8
Concen: 50.101 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 98 Resp: 1456172
Ion Ratio Lower Upper
98 100
100 67.2 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

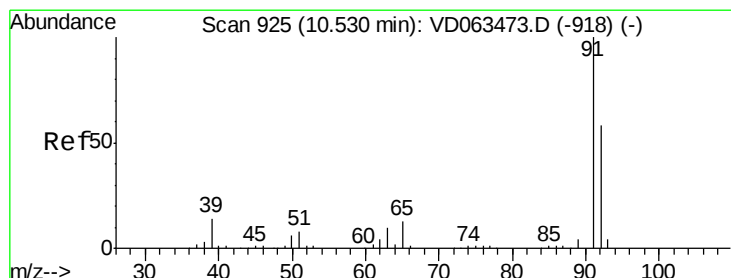
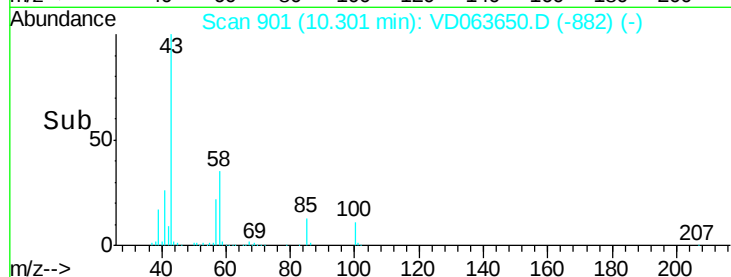
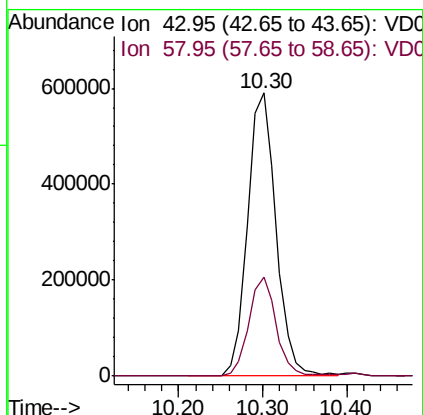
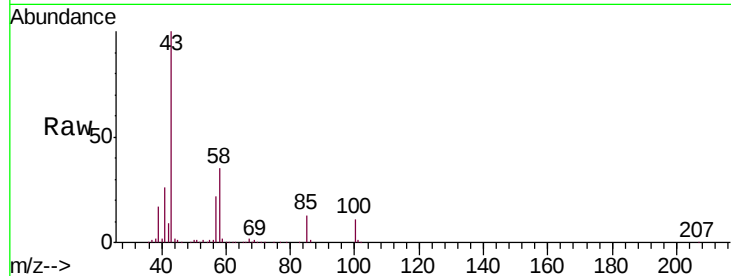




#51
 4-Methyl-2-Pentanone
 Concen: 263.141 ug/l
 RT: 10.30 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

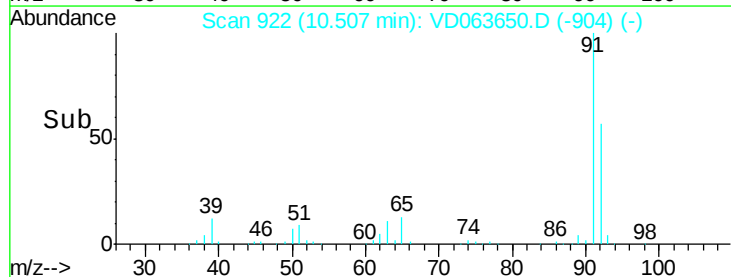
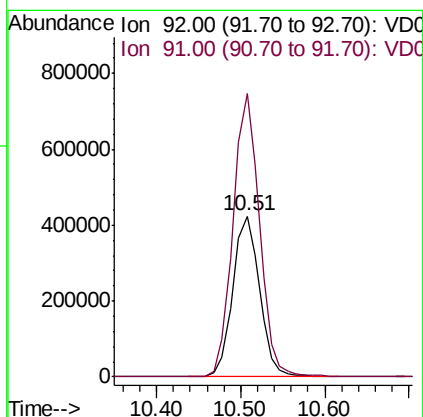
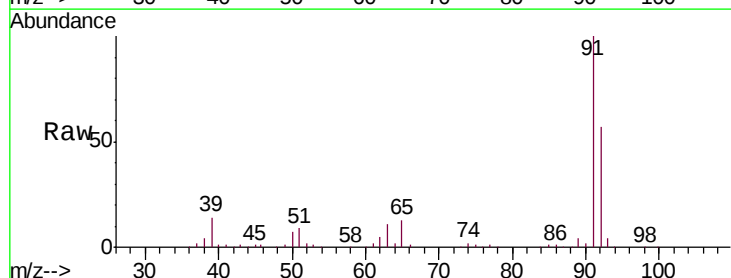
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

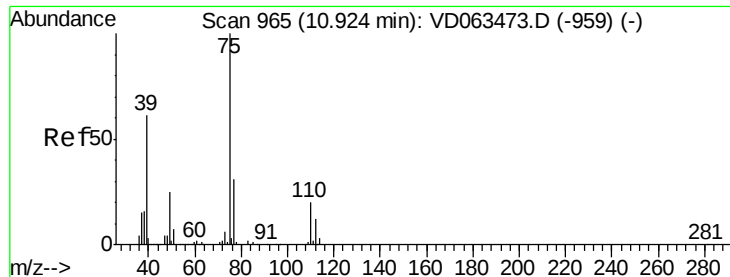
Tgt Ion: 43 Resp: 1402248
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.0 42.0



#52
 Toluene
 Concen: 48.004 ug/l
 RT: 10.51 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 92 Resp: 944183
 Ion Ratio Lower Upper
 92 100
 91 176.1 137.9 206.9

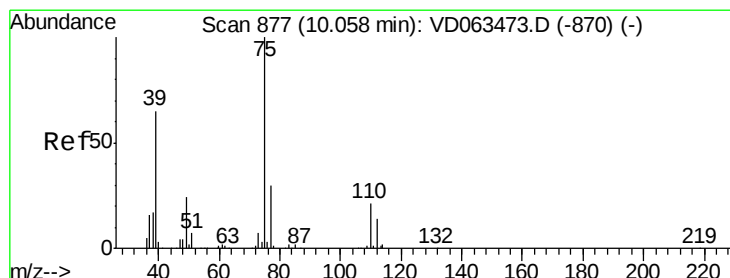
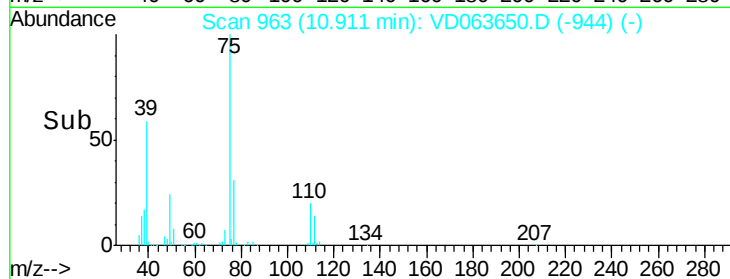
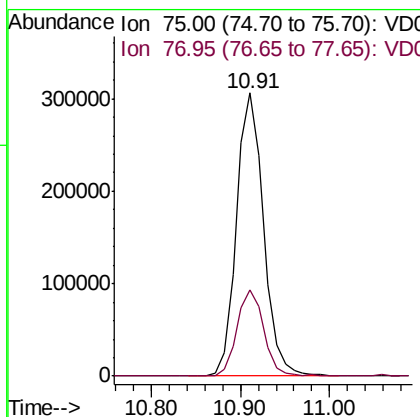
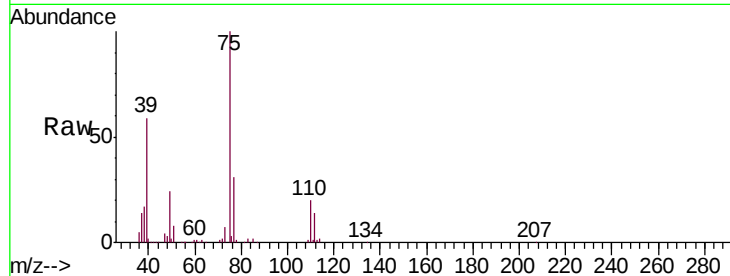




#53
 t-1,3-Dichloropropene
 Concen: 50.832 ug/l
 RT: 10.91 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

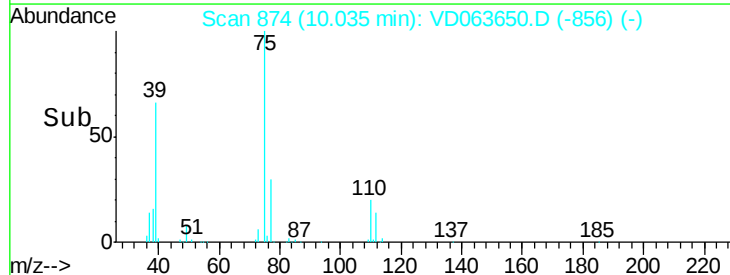
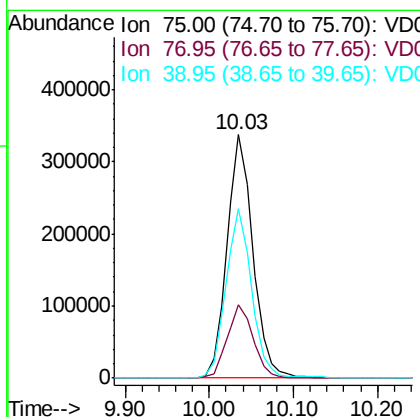
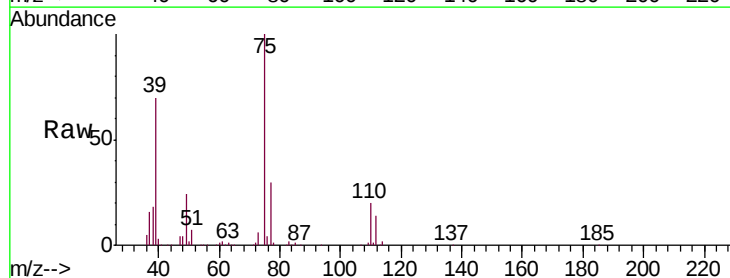
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

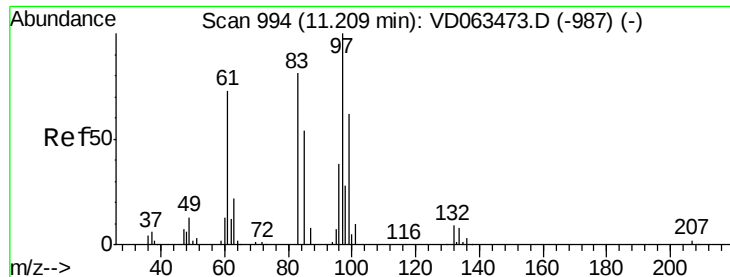
Tgt Ion: 75 Resp: 646223
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.369 ug/l
 RT: 10.03 min Scan# 874
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 75 Resp: 722037
 Ion Ratio Lower Upper
 75 100
 77 30.2 23.7 35.5
 39 69.7 52.2 78.4

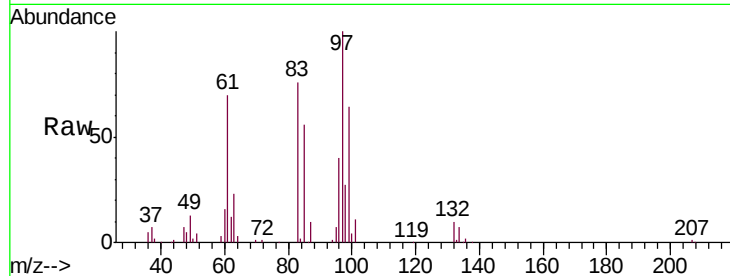




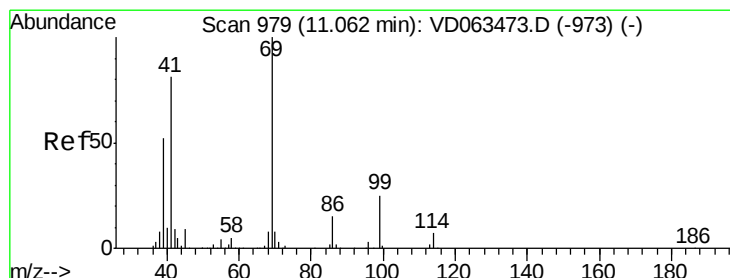
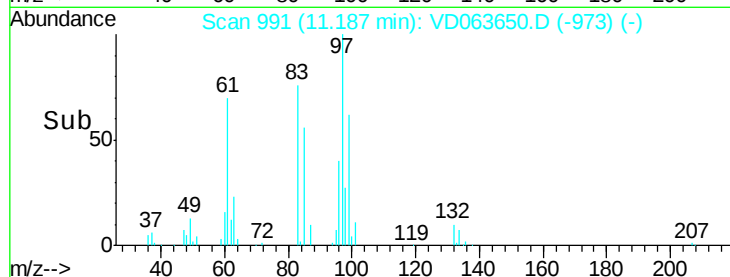
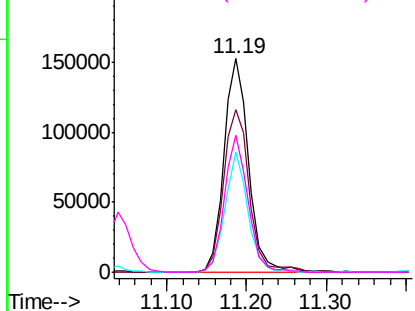
#55
 1,1,2-Trichloroethane
 Concen: 50.082 ug/l
 RT: 11.19 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tgt Ion:	97	Resp:	332744
Ion	Ratio	Lower	Upper
97	100		
83	76.3	64.7	97.1
85	56.3	42.9	64.3
99	63.9	49.7	74.5

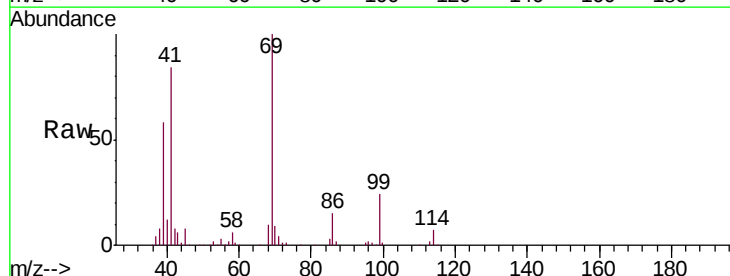


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

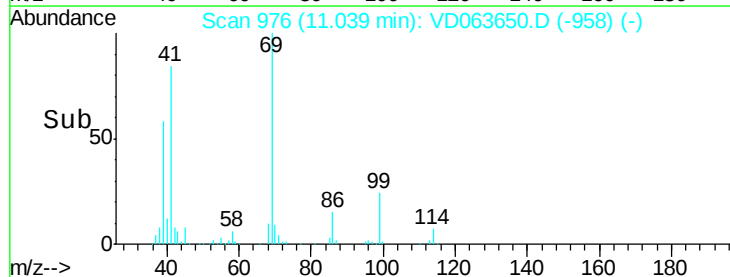
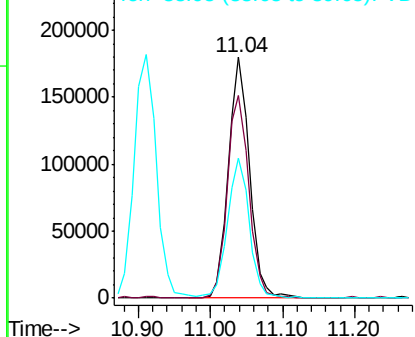


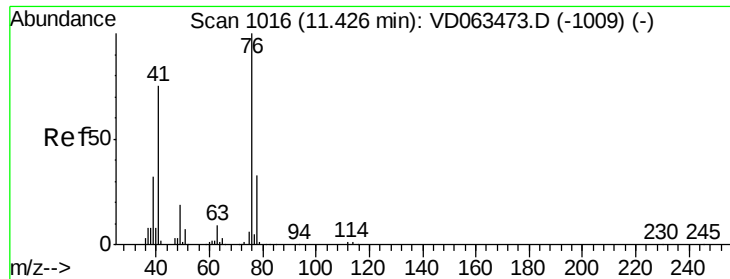
#56
 Ethyl methacrylate
 Concen: 51.285 ug/l
 RT: 11.04 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:	69	Resp:	369834
Ion	Ratio	Lower	Upper
69	100		
41	84.4	64.8	97.2
39	57.8	42.4	63.6



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 51.438 ug/l

RT: 11.40 min Scan# 1013

Delta R.T. -0.02 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

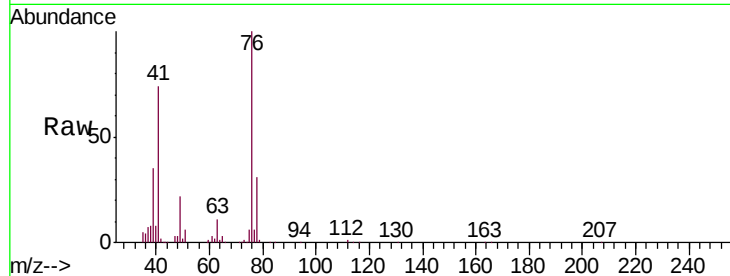
BFB

Tgt Ion: 76 Resp: 516591

Ion Ratio Lower Upper

76 100

78 30.8 26.3 39.5



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.40

250000

200000

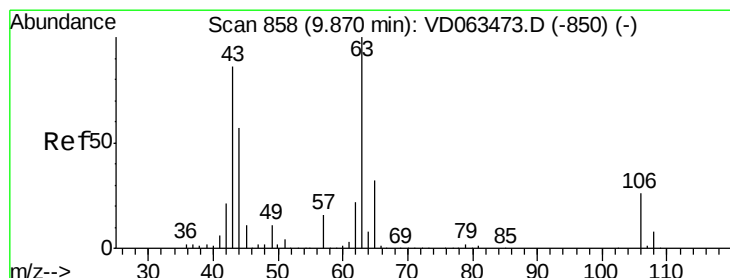
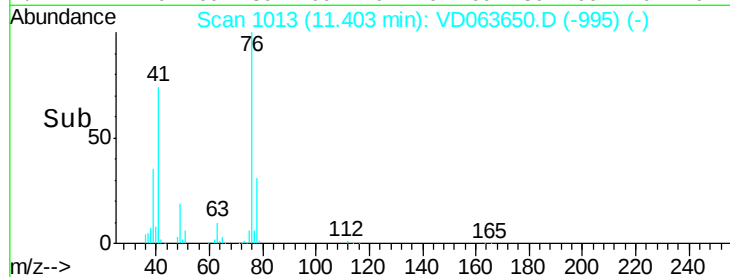
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 276.128 ug/l

RT: 9.86 min Scan# 856

Delta R.T. -0.01 min

Lab File: VD063650.D

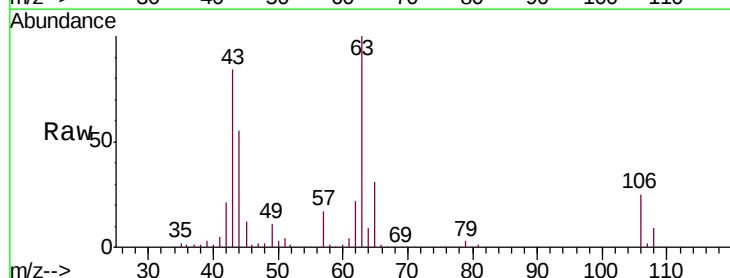
Acq: 19 Aug 2019 11:36

Tgt Ion: 63 Resp: 1051254

Ion Ratio Lower Upper

63 100

106 25.3 20.8 31.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.86

600000

500000

400000

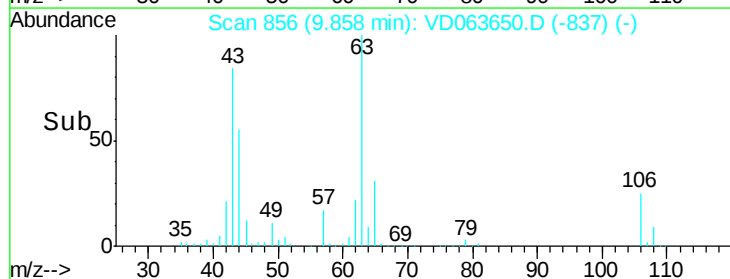
300000

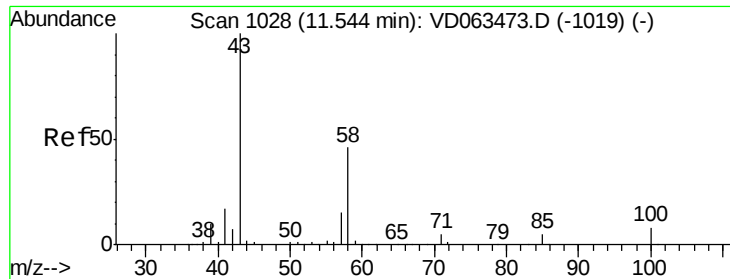
200000

100000

0

Time-->

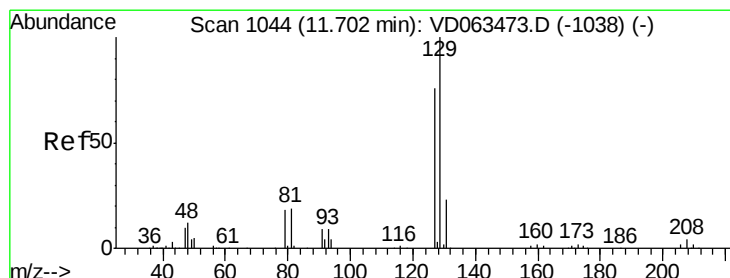
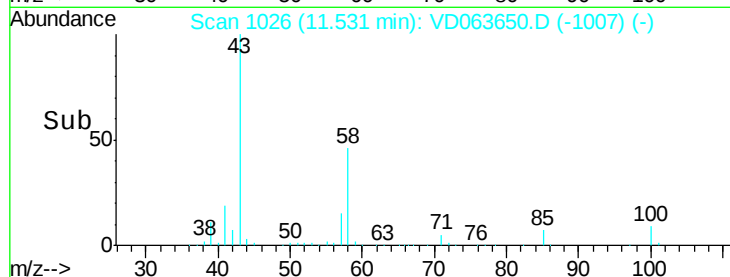
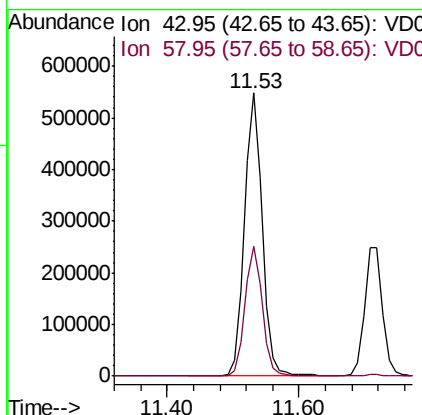
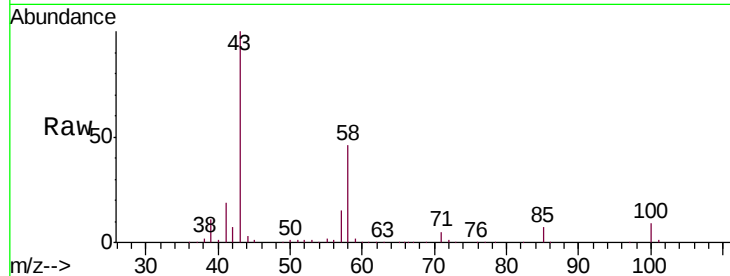




#59
2-Hexanone
Concen: 267.999 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

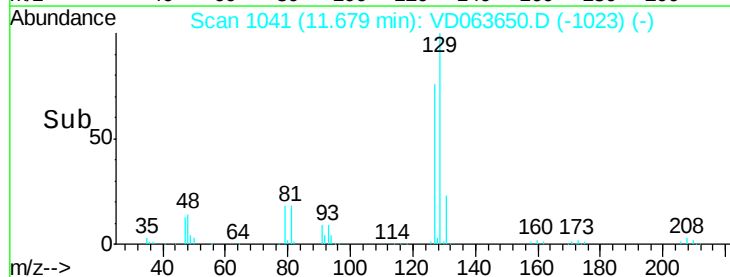
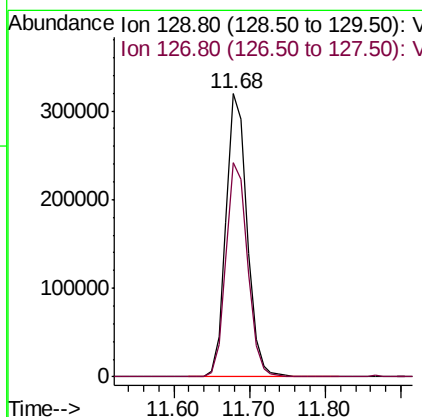
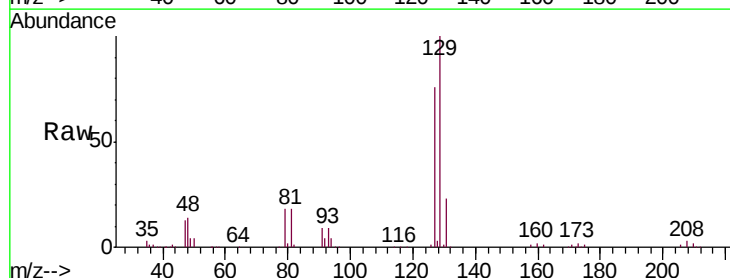
Instrument :
MSVOA_D
ClientSampleId :
BFB

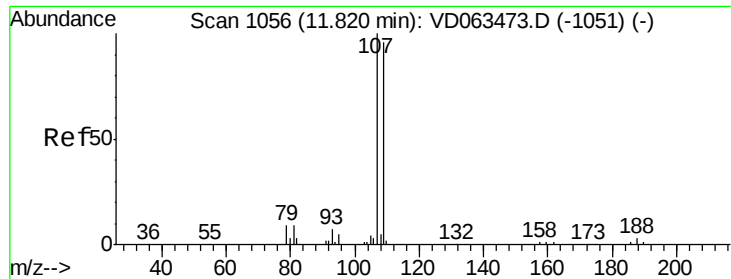
Tgt Ion: 43 Resp: 1039149
Ion Ratio Lower Upper
43 100
58 45.7 23.1 69.2



#60
Dibromochloromethane
Concen: 51.117 ug/l
RT: 11.68 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 129 Resp: 617990
Ion Ratio Lower Upper
129 100
127 75.5 37.8 113.4

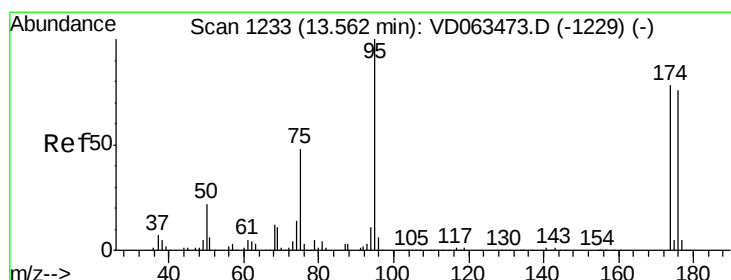
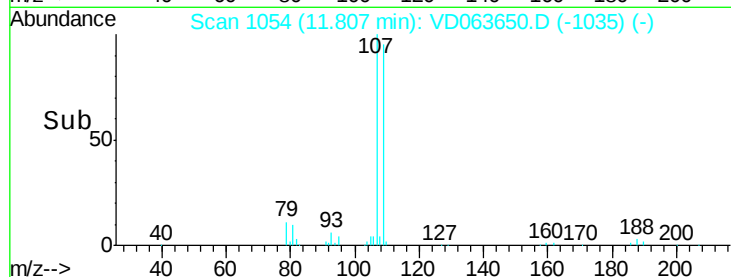
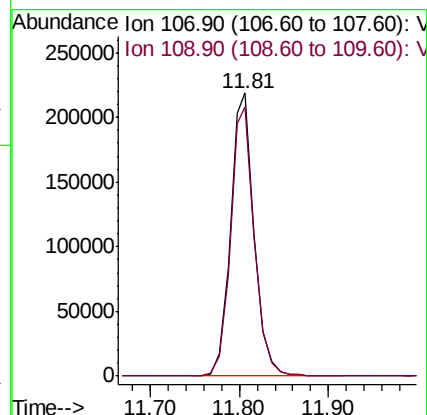
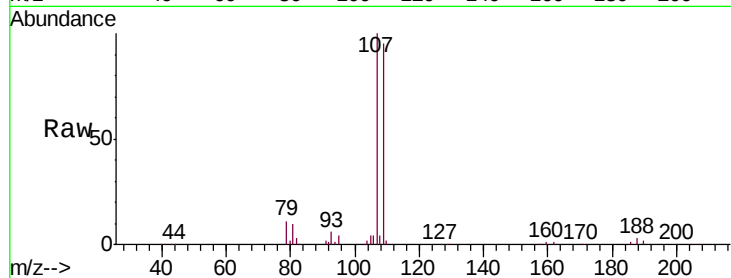




#61
 1,2-Dibromoethane
 Concen: 50.513 ug/l
 RT: 11.81 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

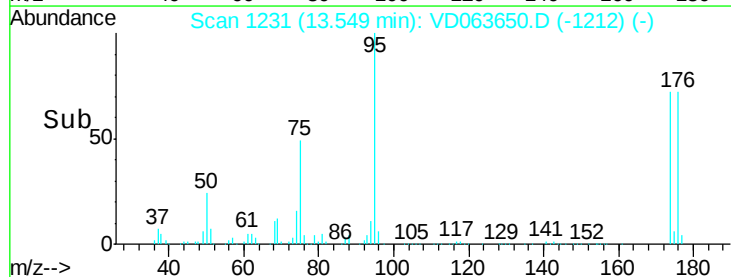
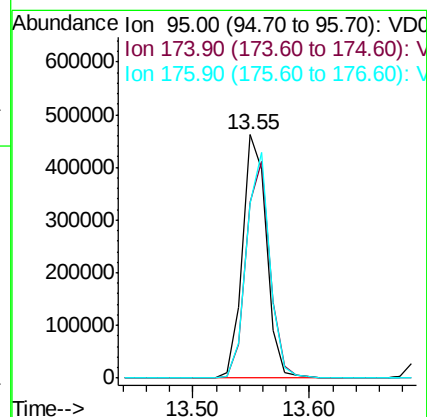
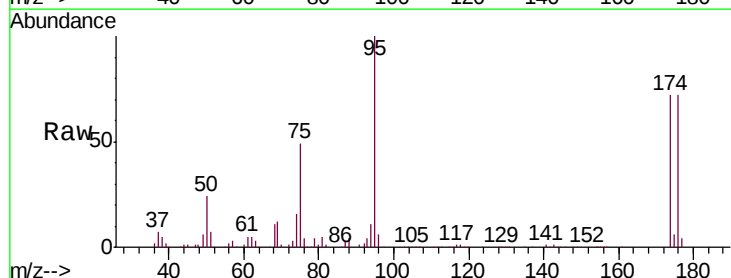
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

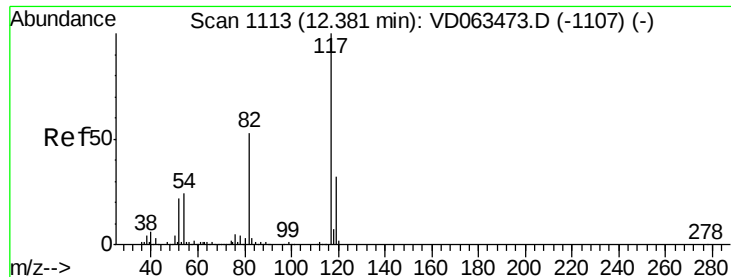
Tgt Ion: 107 Resp: 406284
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 50.016 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 95 Resp: 658875
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 155.4
 176 71.7 0.0 152.4

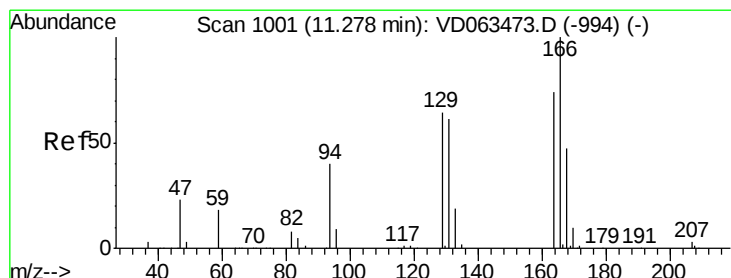
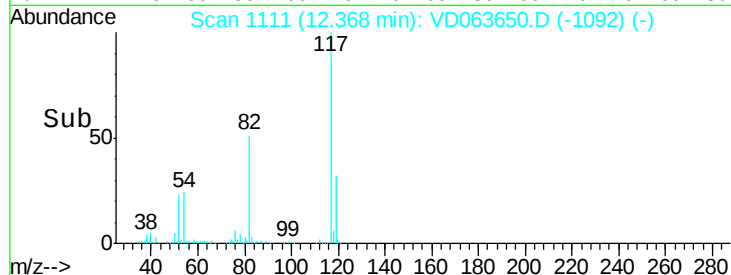
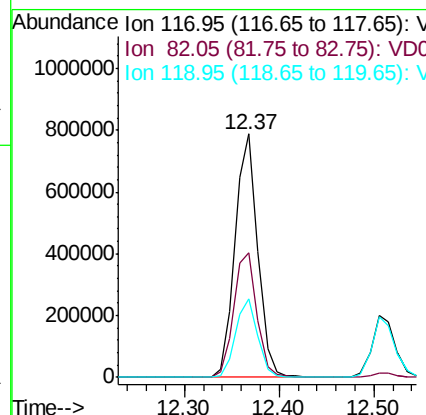
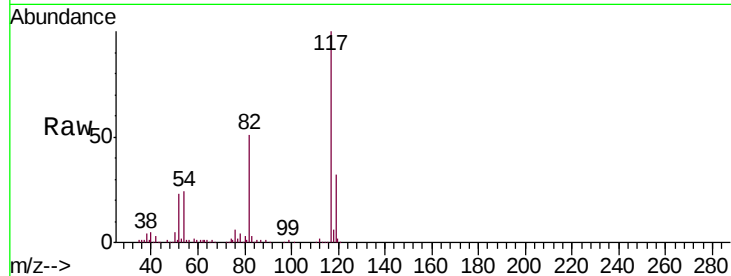




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

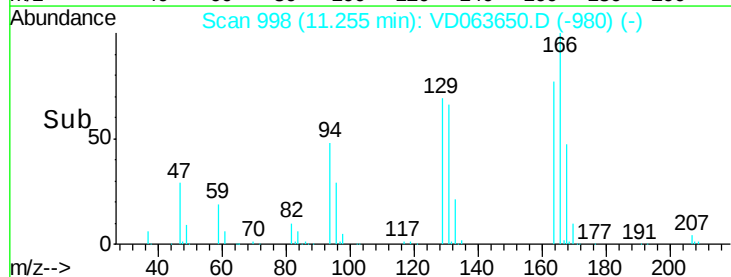
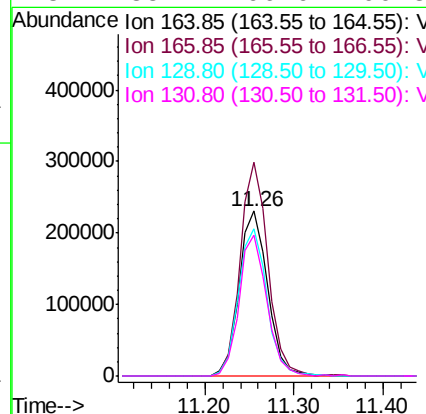
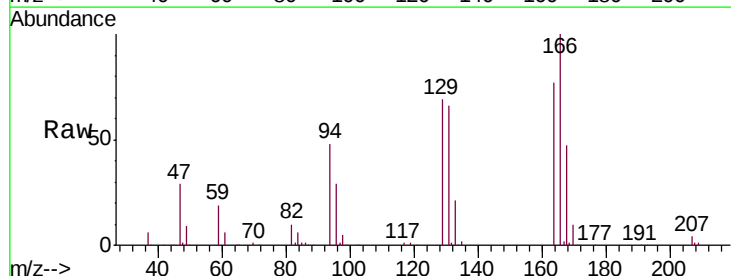
Instrument :
MSVOA_D
ClientSampleId :
BFB

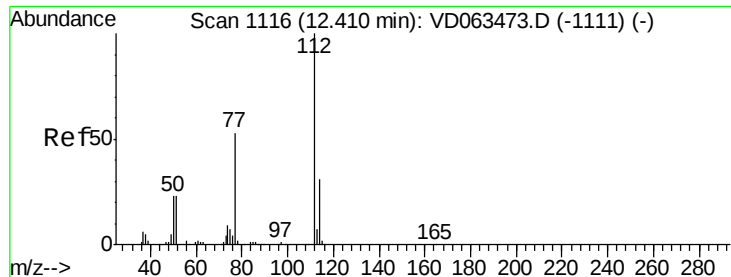
Tgt Ion:117 Resp: 1308139
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 50.936 ug/l
RT: 11.26 min Scan# 998
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion:164 Resp: 514374
Ion Ratio Lower Upper
164 100
166 129.5 108.6 163.0
129 89.3 69.0 103.6
131 85.1 66.6 99.8

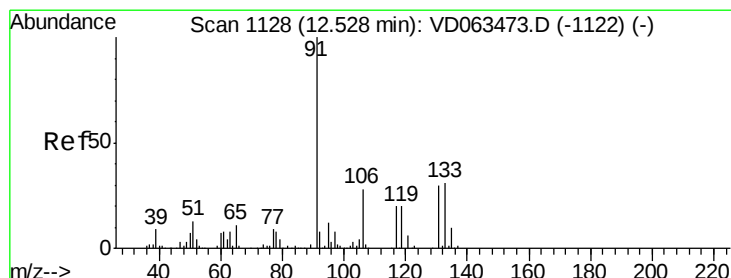
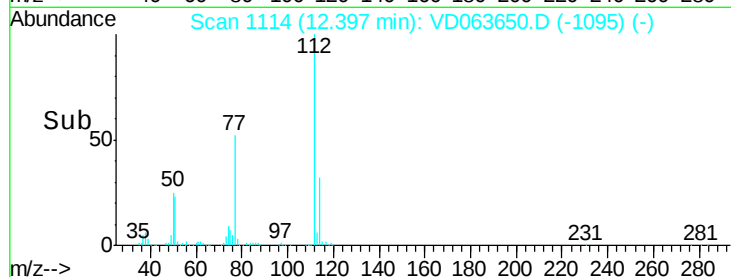
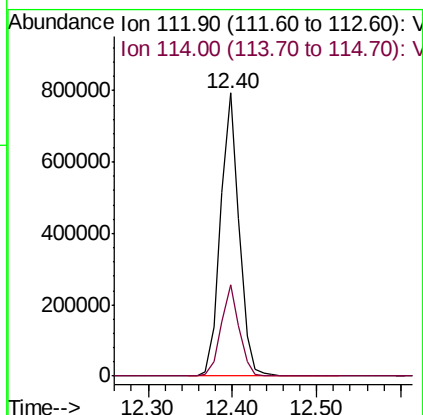
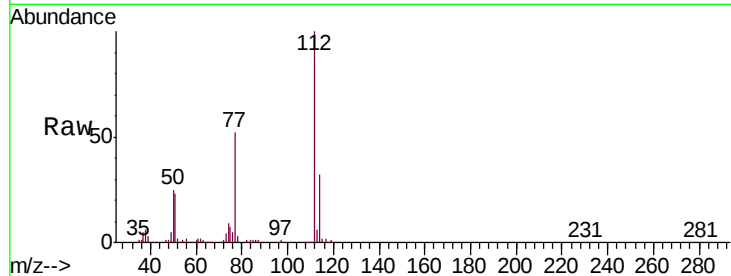




#65
Chlorobenzene
Concen: 49.573 ug/l
RT: 12.40 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

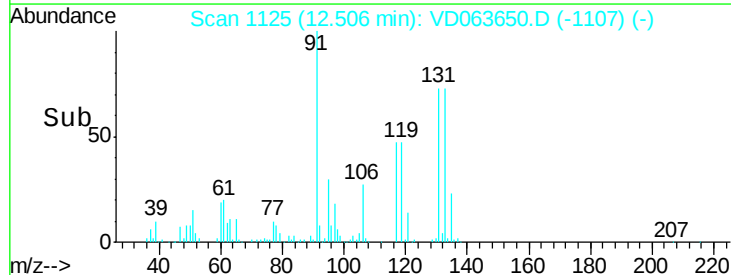
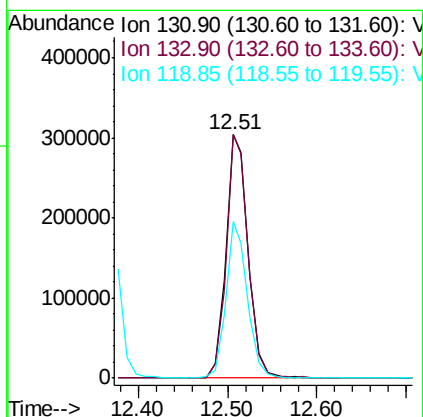
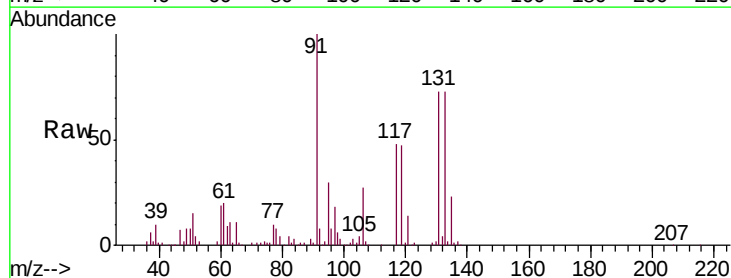
Instrument :
MSVOA_D
ClientSampled :
BFB

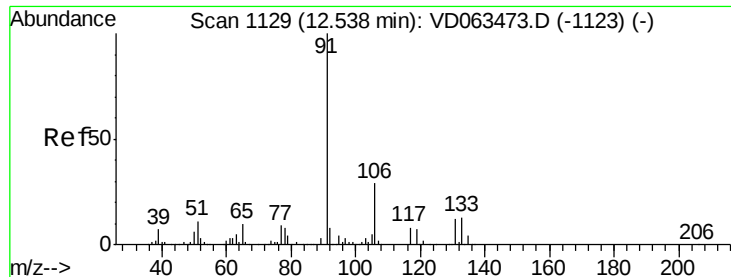
Tgt Ion:112 Resp: 1215404
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.210 ug/l
RT: 12.51 min Scan# 1125
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion:131 Resp: 530979
Ion Ratio Lower Upper
131 100
133 100.0 51.1 153.3
119 64.4 33.1 99.3

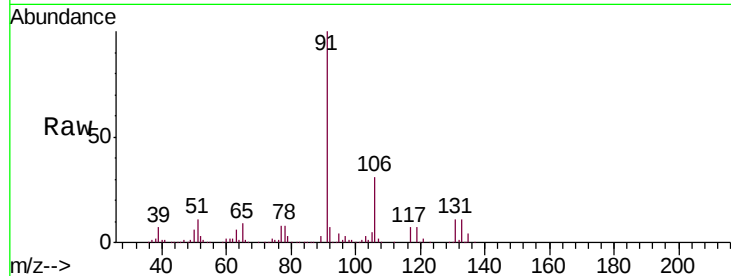




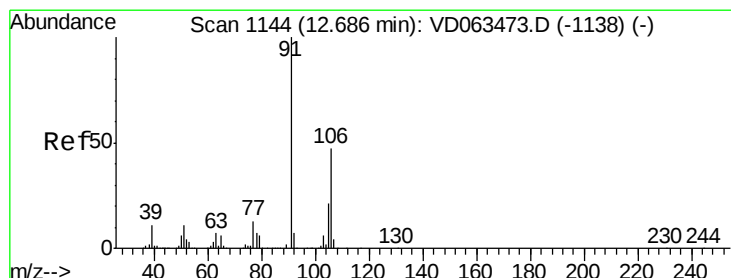
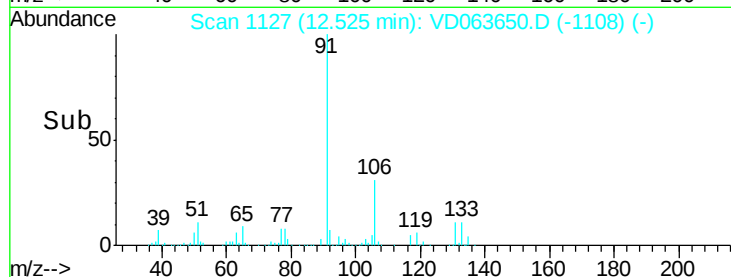
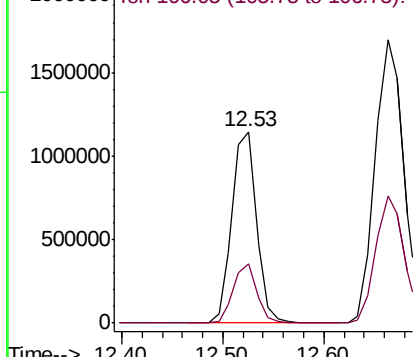
#67
Ethyl Benzene
Concen: 45.691 ug/l
RT: 12.53 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 1947804
Ion Ratio Lower Upper
91 100
106 30.8 23.1 34.7

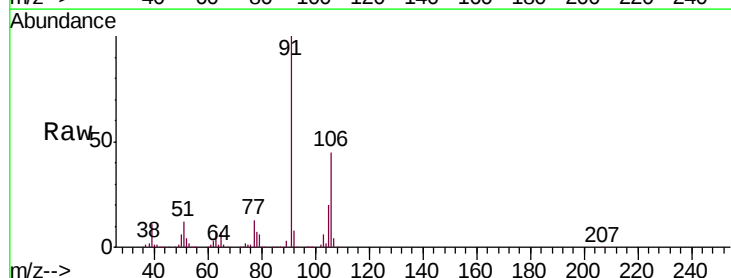


Abundance Ion 91.00 (90.70 to 91.70): VDC
2000000 Ion 106.05 (105.75 to 106.75): V

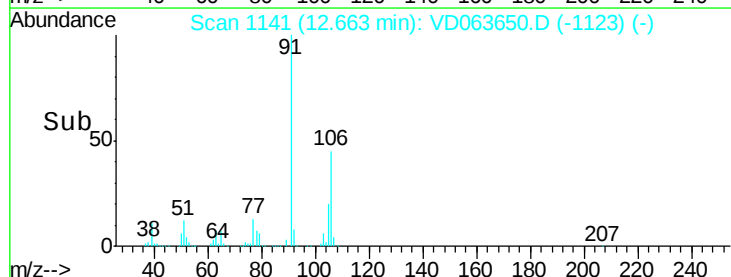
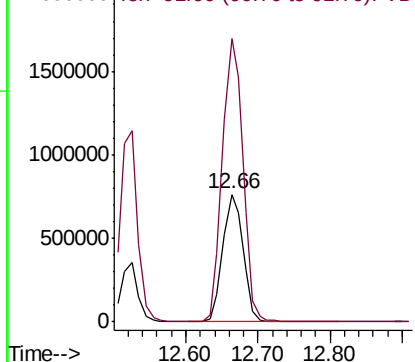


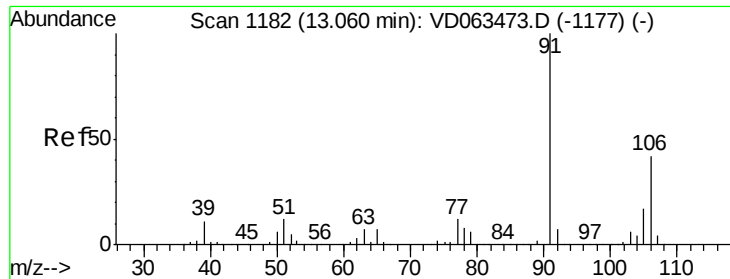
#68
m/p-Xylenes
Concen: 99.694 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 106 Resp: 1493146
Ion Ratio Lower Upper
106 100
91 221.4 171.8 257.8



Abundance Ion 106.05 (105.75 to 106.75): V
2000000 Ion 91.00 (90.70 to 91.70): VDC

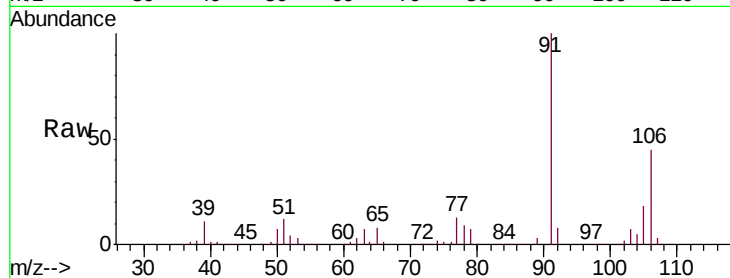




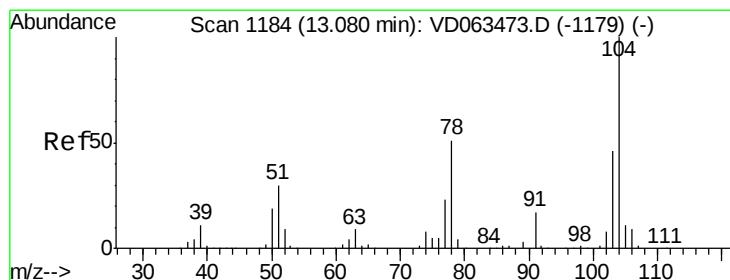
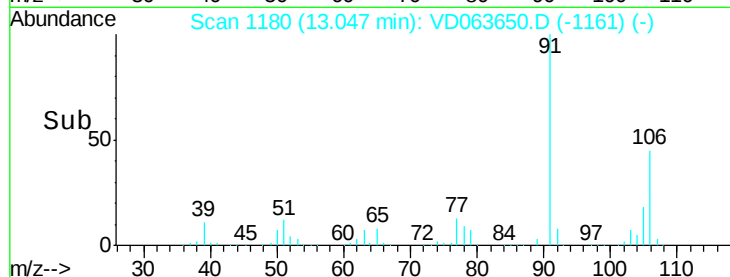
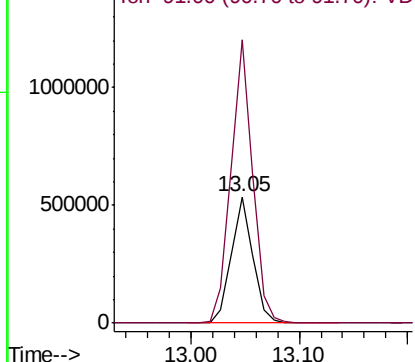
#69
o-Xylene
Concen: 51.958 ug/l
RT: 13.05 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:106 Resp: 748988
Ion Ratio Lower Upper
106 100
91 224.5 118.1 354.2

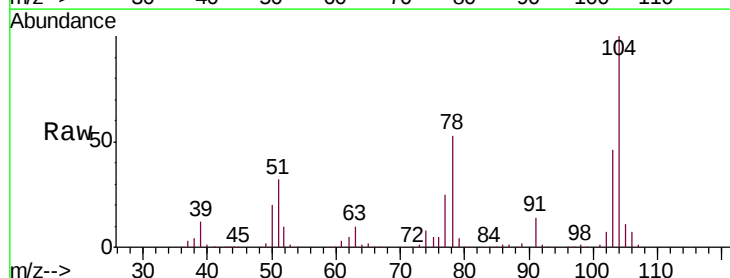


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

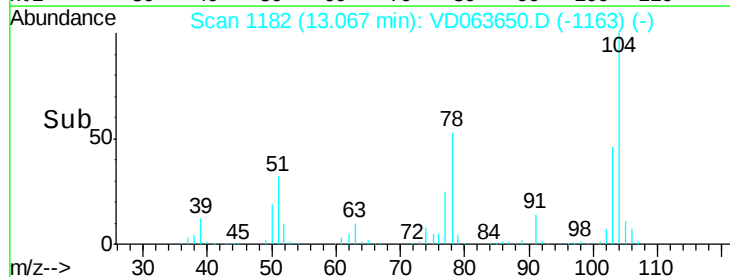
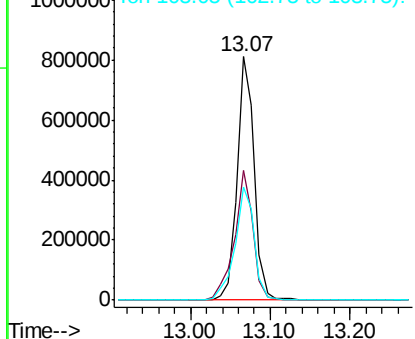


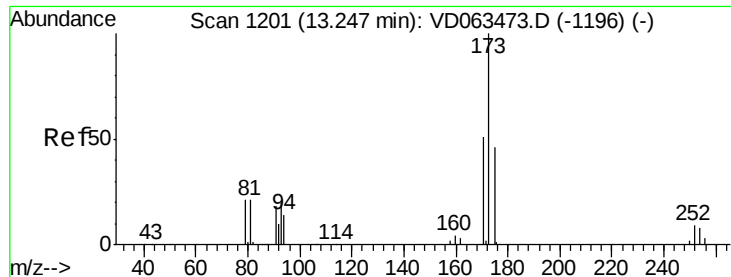
#70
Styrene
Concen: 47.316 ug/l
RT: 13.07 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion:104 Resp: 1213244
Ion Ratio Lower Upper
104 100
78 53.2 40.8 61.2
103 46.2 36.4 54.6



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V

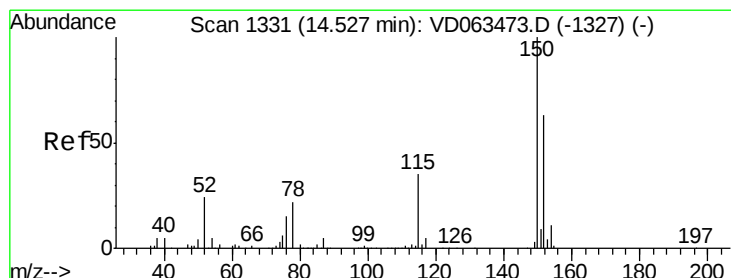
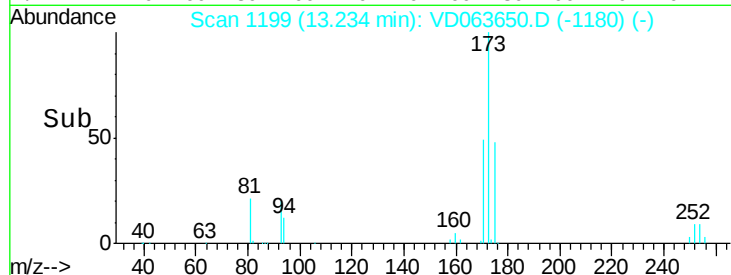
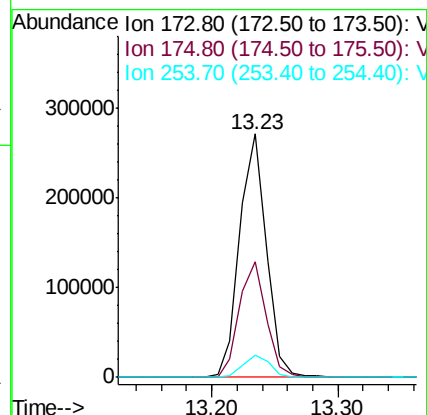
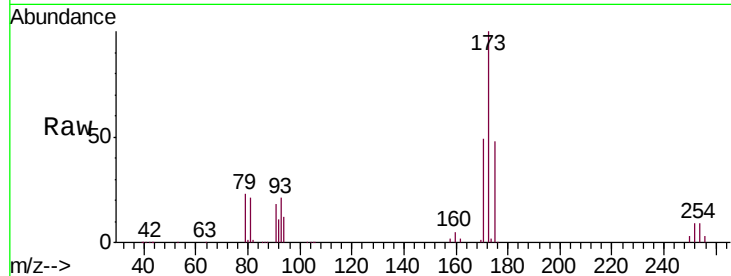




#71
Bromoform
Concen: 53.748 ug/l
RT: 13.23 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

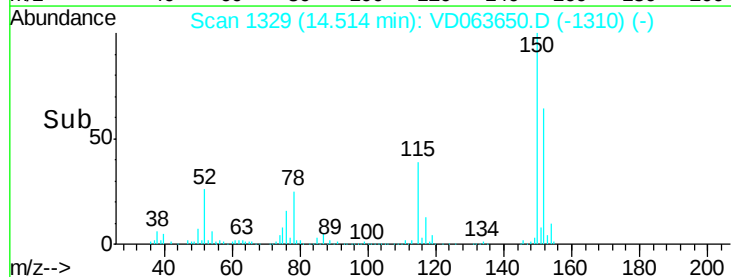
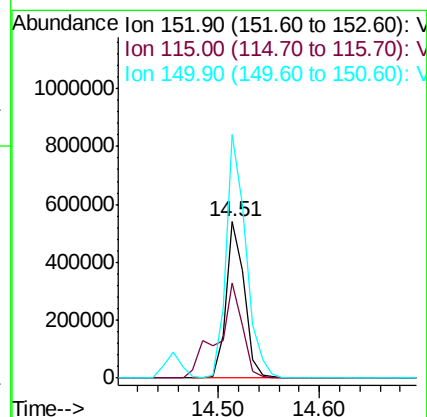
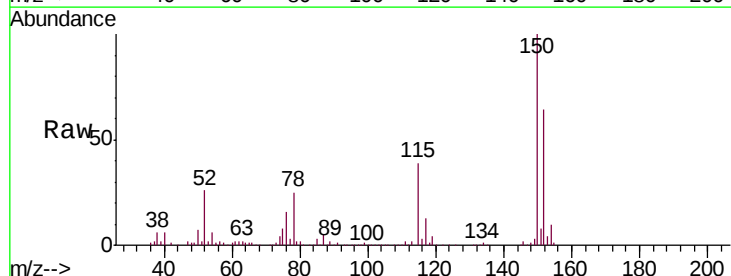
Instrument :
MSVOA_D
ClientSampleId :
BFB

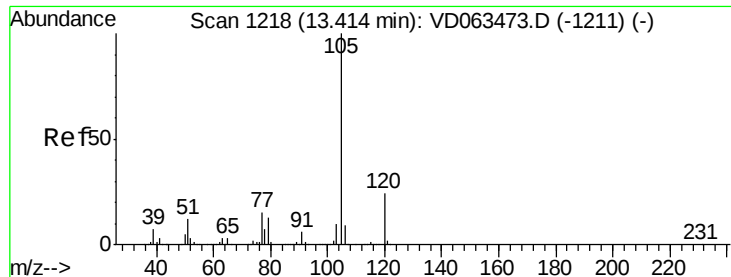
Tgt Ion:173 Resp: 397668
Ion Ratio Lower Upper
173 100
175 47.6 22.8 68.3
254 9.2 6.6 9.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion:152 Resp: 681745
Ion Ratio Lower Upper
152 100
115 60.6 30.9 92.7
150 155.9 0.0 318.6





#73

Isopropylbenzene

Concen: 47.403 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

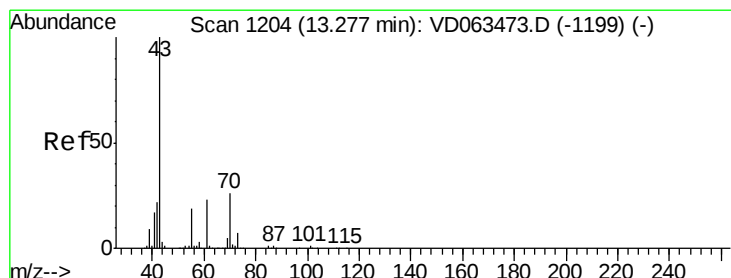
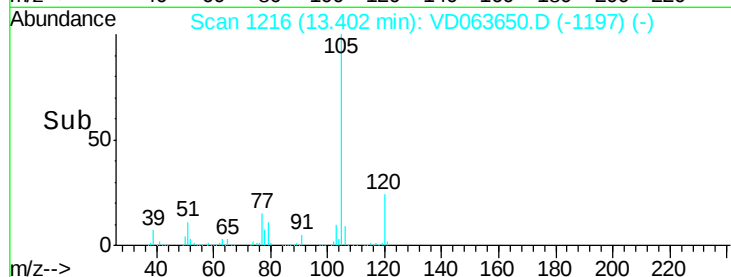
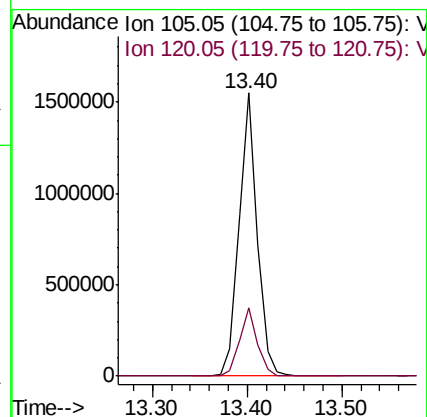
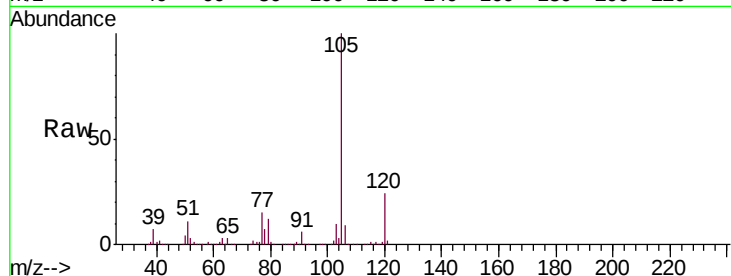
BFB

Tgt Ion: 105 Resp: 2055537

Ion Ratio Lower Upper

105 100

120 24.1 11.9 35.9



#74

N-ethyl acetate

Concen: 54.449 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Tgt Ion: 43 Resp: 592702

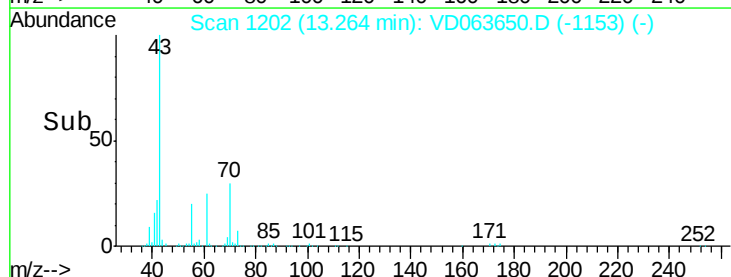
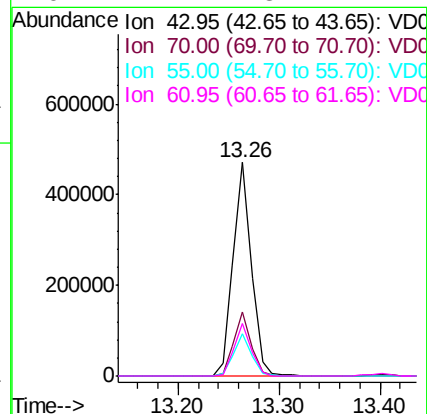
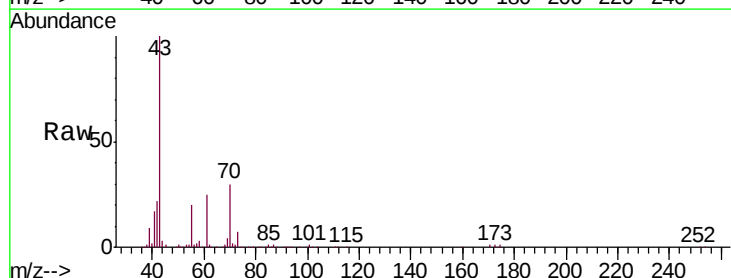
Ion Ratio Lower Upper

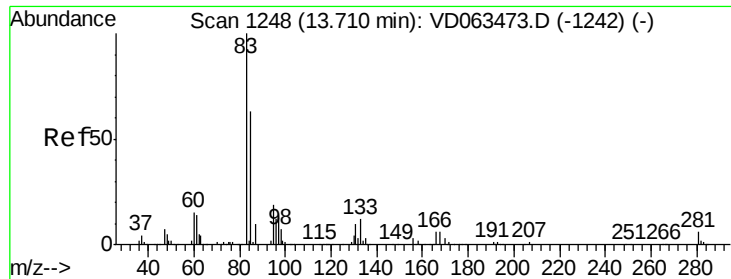
43 100

70 29.8 21.1 31.7

55 19.6 15.4 23.0

61 24.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.391 ug/l

RT: 13.70 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

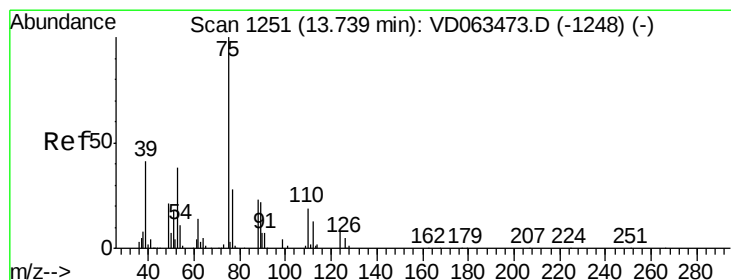
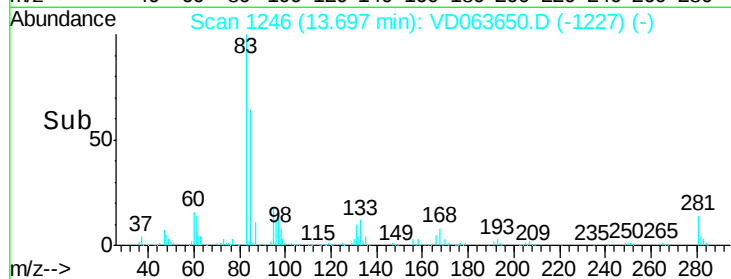
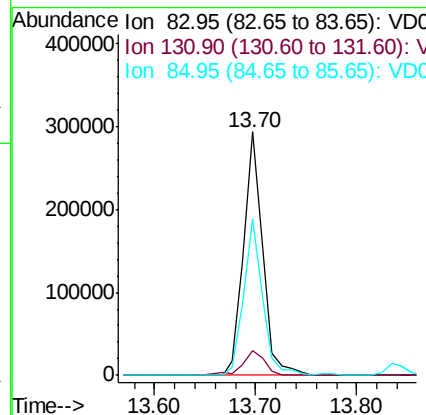
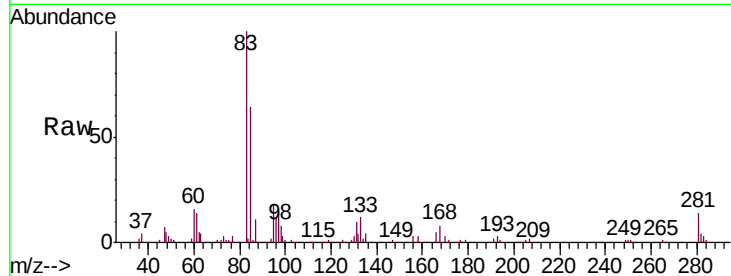
Instrument :

MSVOA_D

ClientSampleId :

BFB

Tgt Ion:	83	Resp:	384277
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	64.3	31.4	94.3



#76

1,2,3-Trichloropropane

Concen: 53.515 ug/l

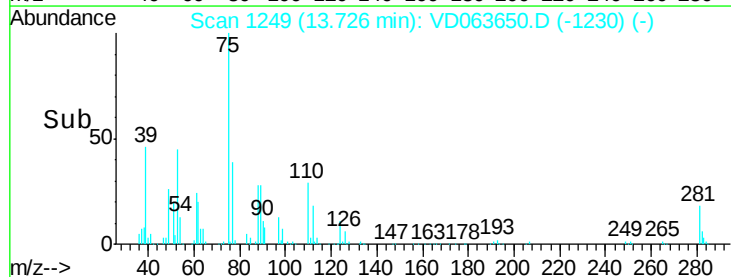
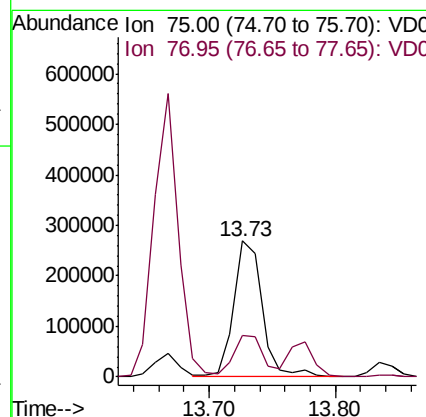
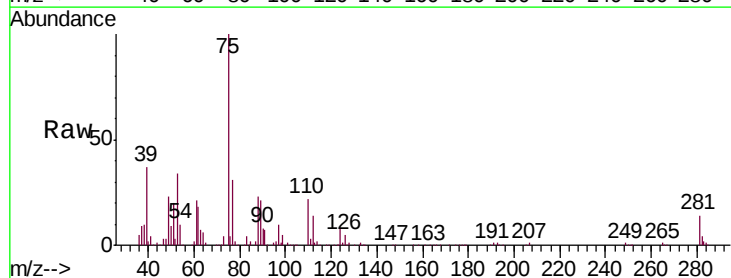
RT: 13.73 min Scan# 1249

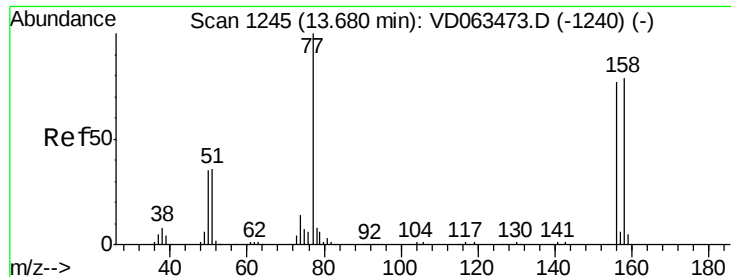
Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Tgt Ion:	75	Resp:	418712
Ion Ratio	Lower	Upper	
75	100		
77	30.6	15.1	45.3





#77

Bromobenzene

Concen: 50.357 ug/l

RT: 13.67 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampled :

BFB

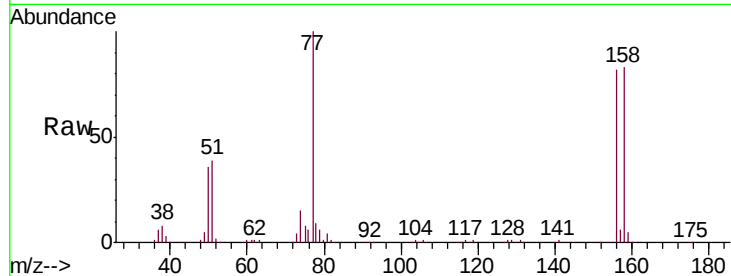
Tgt Ion:156 Resp: 596784

Ion Ratio Lower Upper

156 100

77 122.0 64.6 193.8

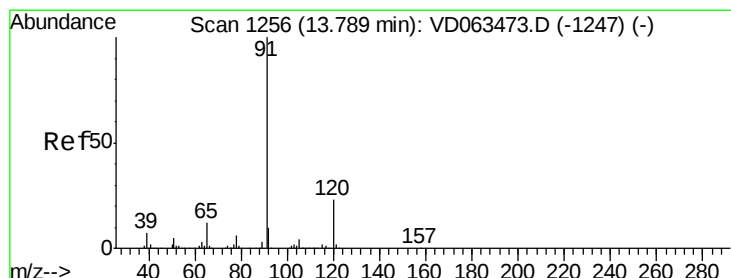
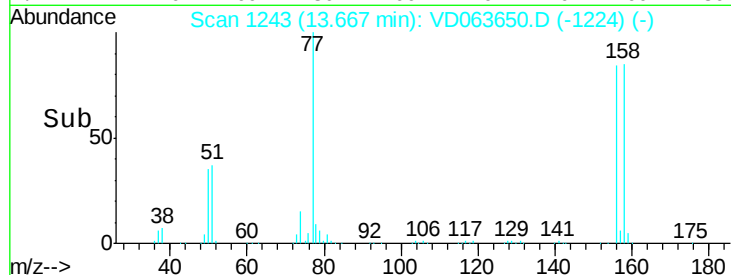
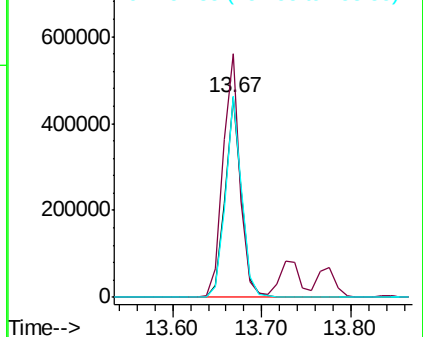
158 101.0 50.9 152.7



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 47.521 ug/l

RT: 13.78 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD063650.D

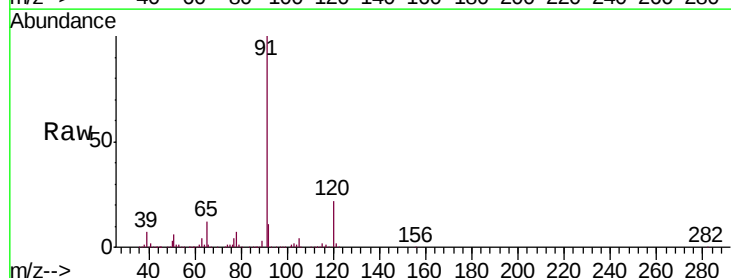
Acq: 19 Aug 2019 11:36

Tgt Ion: 91 Resp: 2411021

Ion Ratio Lower Upper

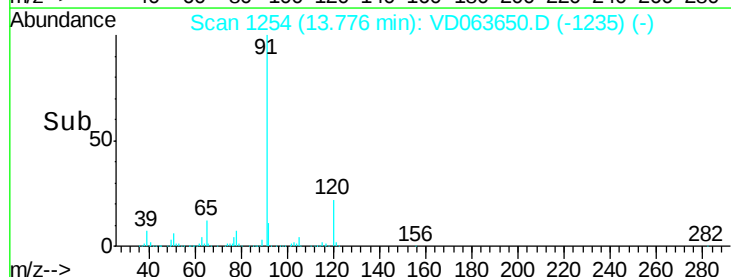
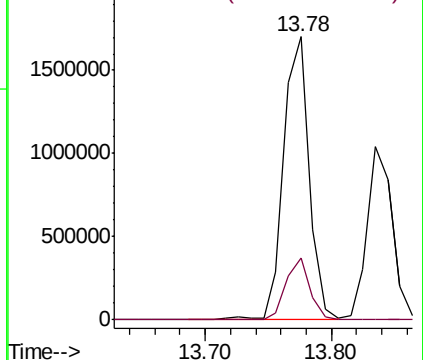
91 100

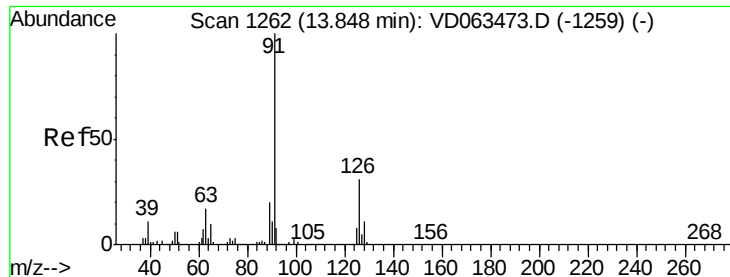
120 21.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

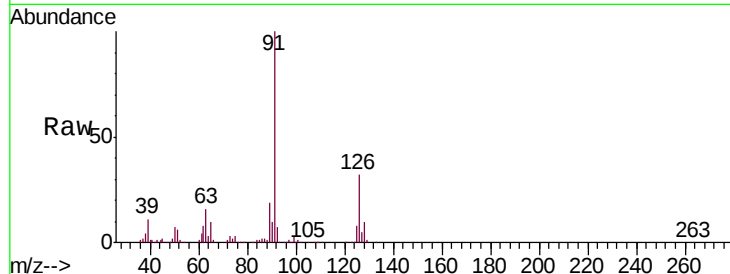




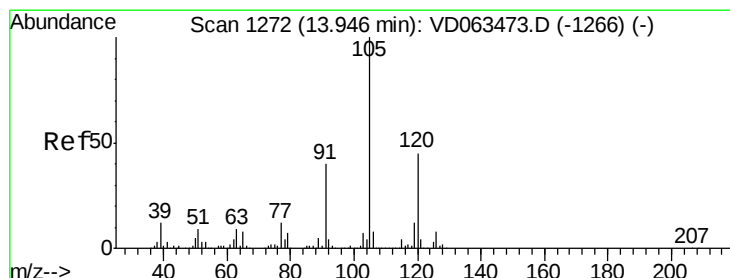
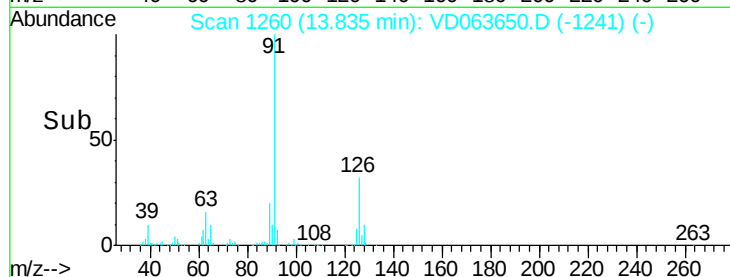
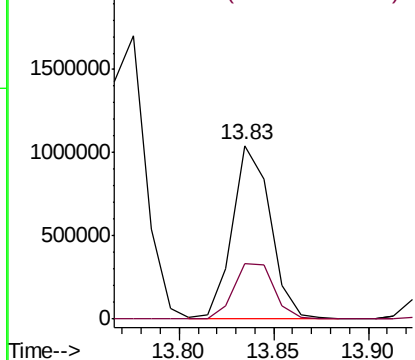
#79
2-Chlorotoluene
Concen: 49.269 ug/l
RT: 13.83 min Scan# 1260
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 1441267
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.7

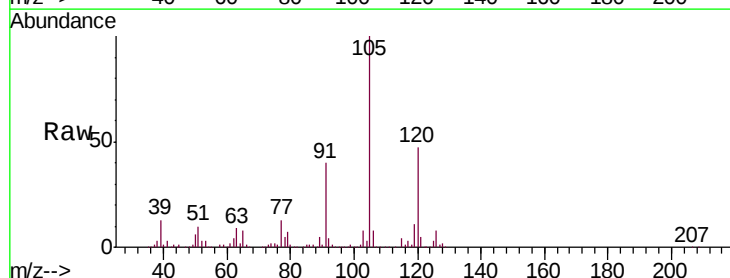


Abundance Ion 91.00 (90.70 to 91.70): V
2000000 Ion 125.95 (125.65 to 126.65): V

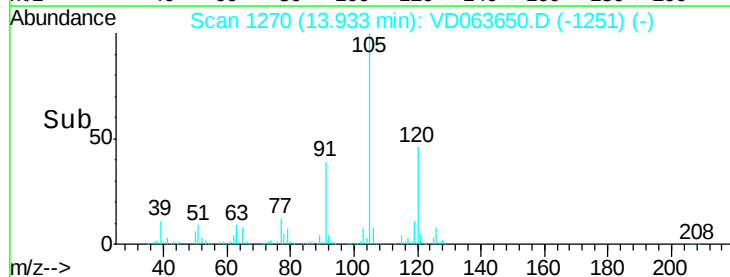
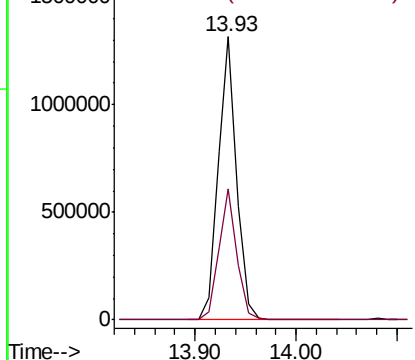


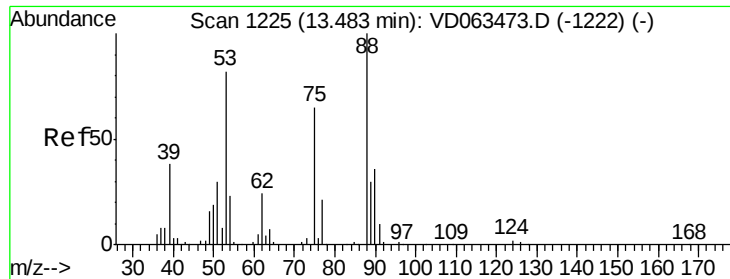
#80
1,3,5-Trimethylbenzene
Concen: 44.029 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 105 Resp: 1668140
Ion Ratio Lower Upper
105 100
120 46.5 22.8 68.3



Abundance Ion 105.05 (104.75 to 105.75): V
1500000 Ion 120.05 (119.75 to 120.75): V

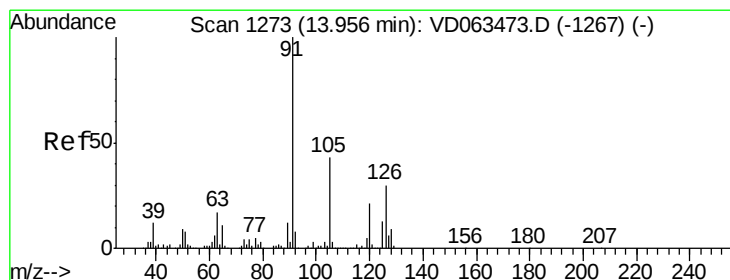
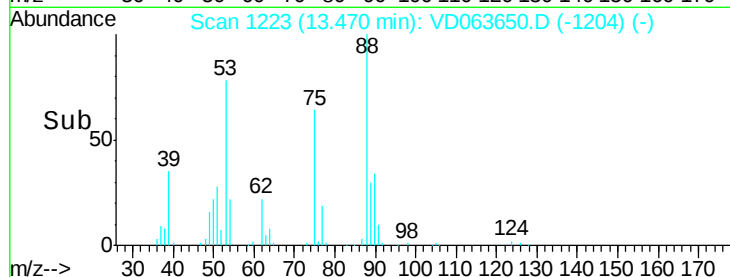
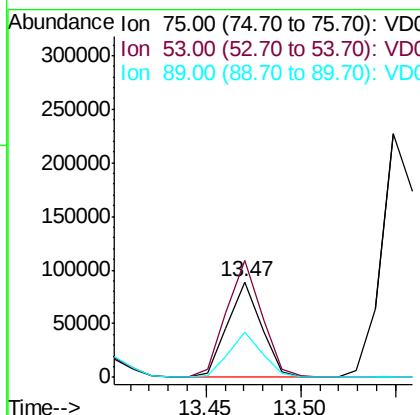
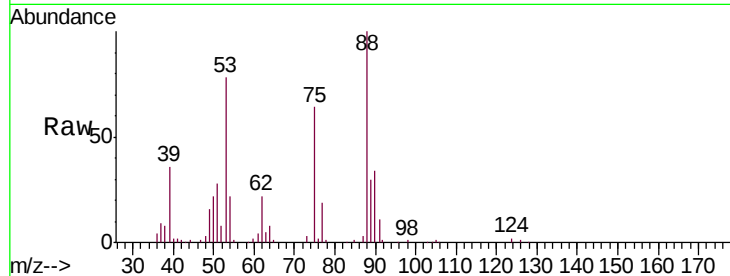




#81
trans-1,4-Dichloro-2-butene
Concen: 52.680 ug/l
RT: 13.47 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

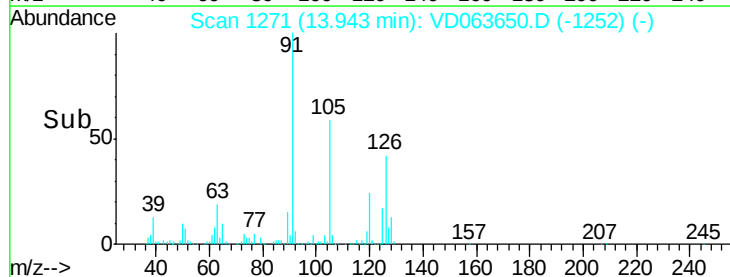
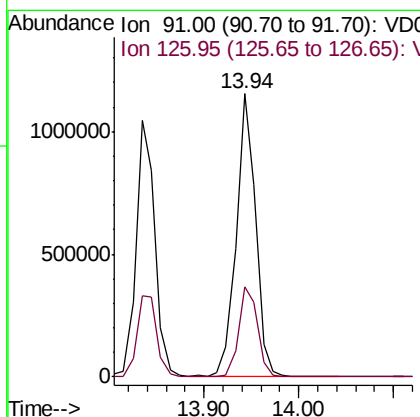
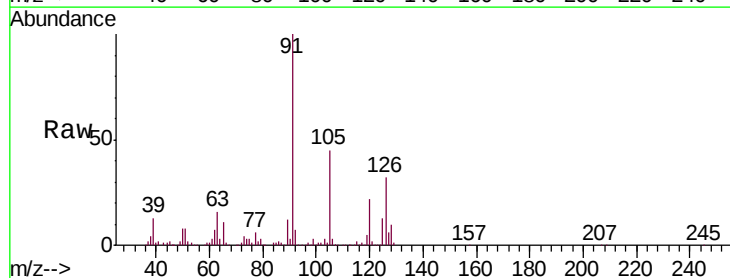
Instrument :
MSVOA_D
ClientSampleId :
BFB

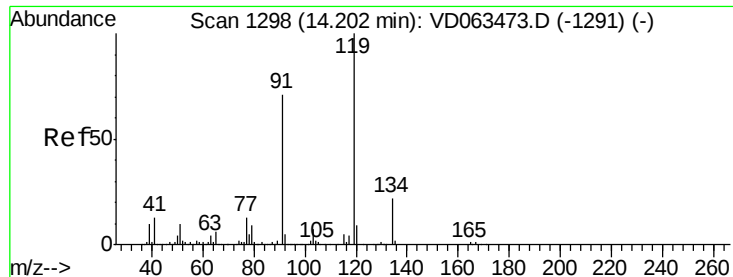
Tgt Ion: 75 Resp: 110782
Ion Ratio Lower Upper
75 100
53 122.4 101.0 151.4
89 47.4 37.0 55.6



#82
4-Chlorotoluene
Concen: 46.501 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VD063650.D
Acq: 19 Aug 2019 11:36

Tgt Ion: 91 Resp: 1635754
Ion Ratio Lower Upper
91 100
126 31.7 15.2 45.6

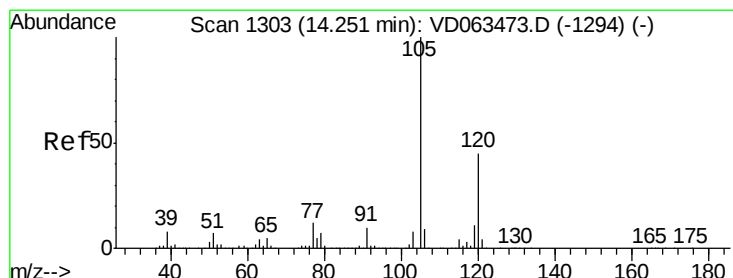
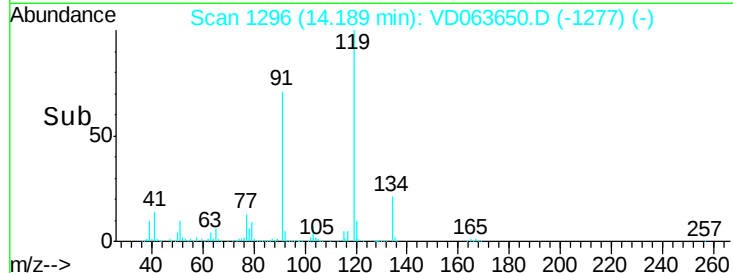
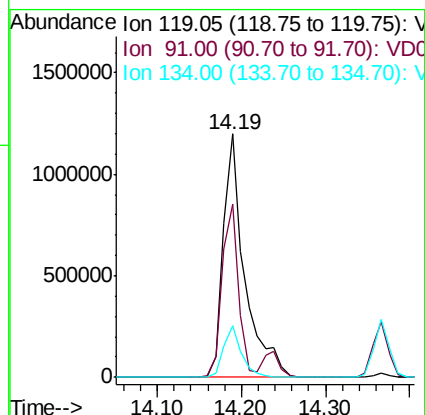
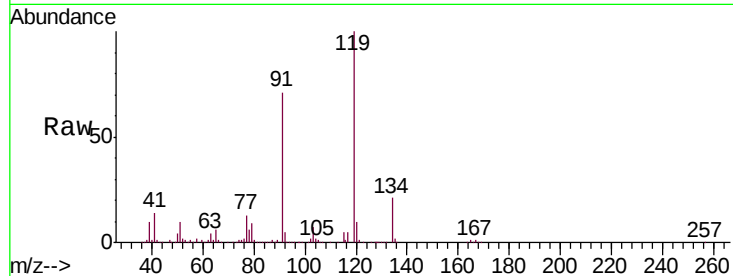




#83
 tert-Butylbenzene
 Concen: 52.942 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

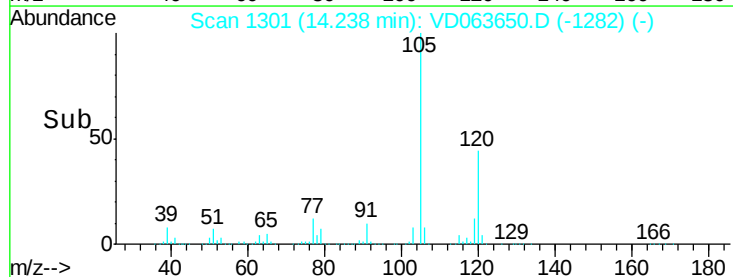
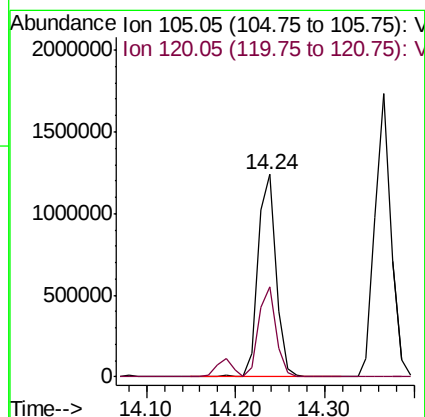
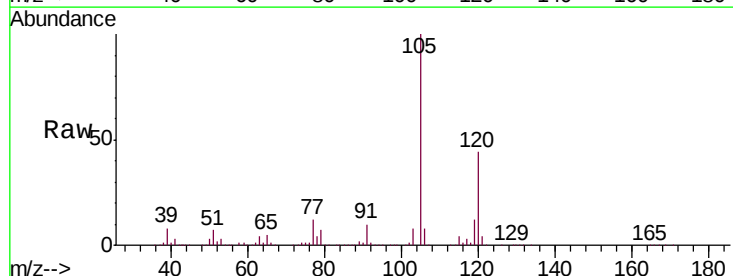
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

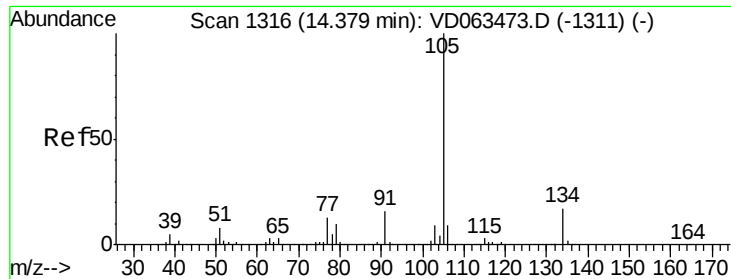
Tgt Ion:119 Resp: 2112240
 Ion Ratio Lower Upper
 119 100
 91 71.2 35.5 106.7
 134 21.2 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.857 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:105 Resp: 1712724
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.1

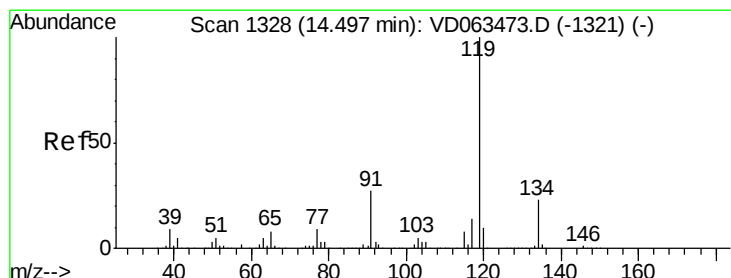
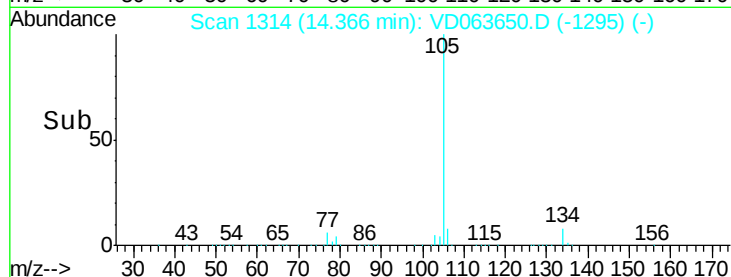
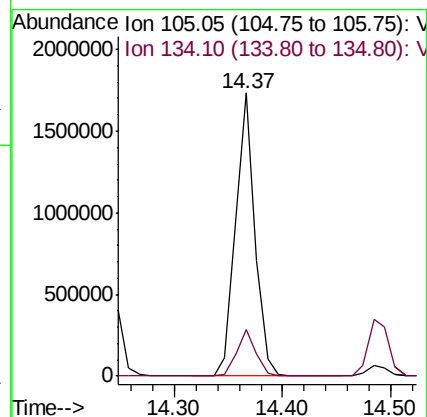
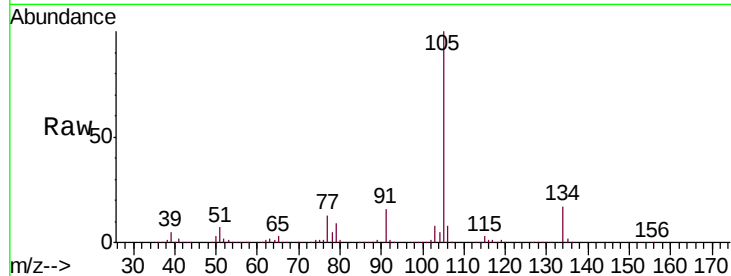




#85
 sec-Butylbenzene
 Concen: 50.911 ug/l
 RT: 14.37 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

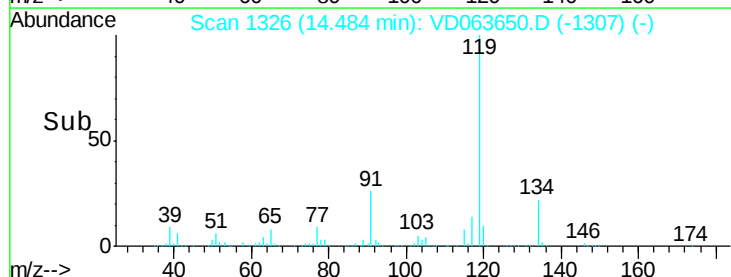
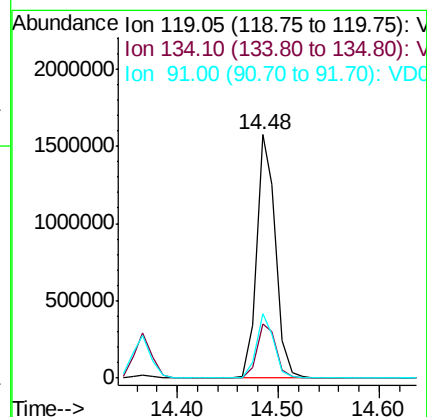
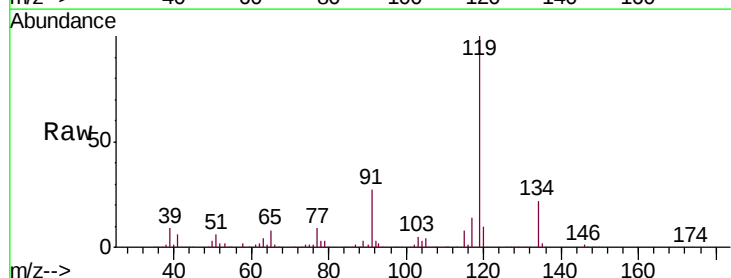
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

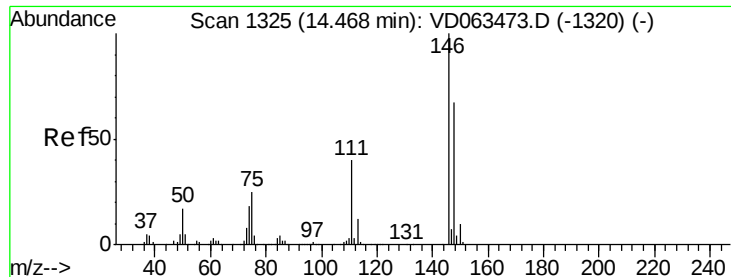
Tgt Ion:105 Resp: 2157103
 Ion Ratio Lower Upper
 105 100
 134 16.7 8.3 24.8



#86
 p-Isopropyltoluene
 Concen: 50.678 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:119 Resp: 2053069
 Ion Ratio Lower Upper
 119 100
 134 22.2 11.3 33.8
 91 26.6 13.5 40.4

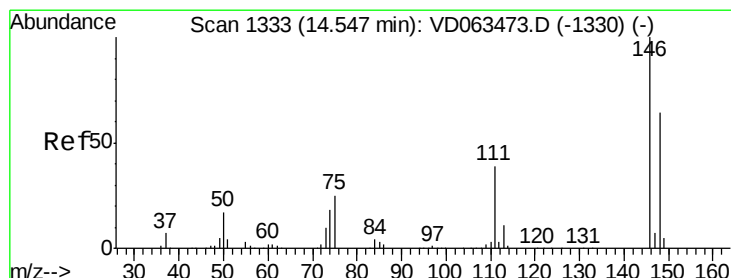
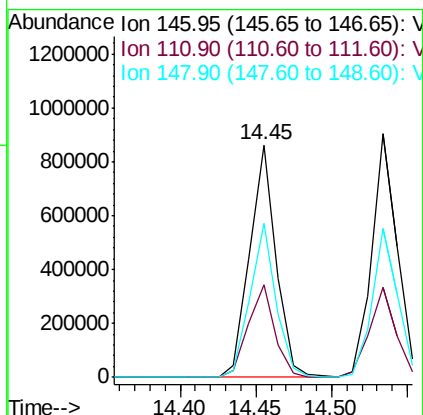
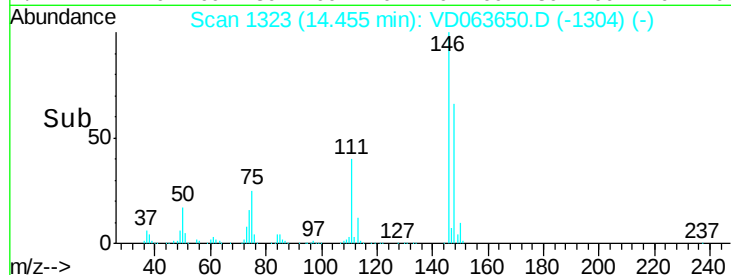
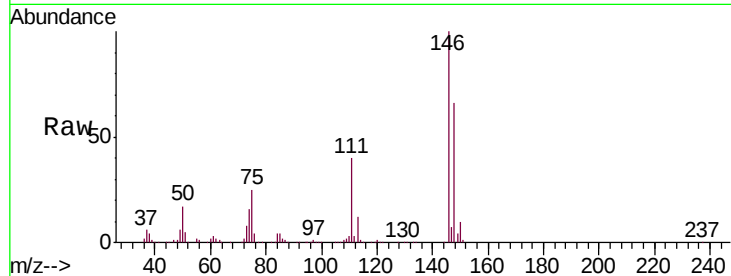




#87
 1,3-Dichlorobenzene
 Concen: 48.891 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

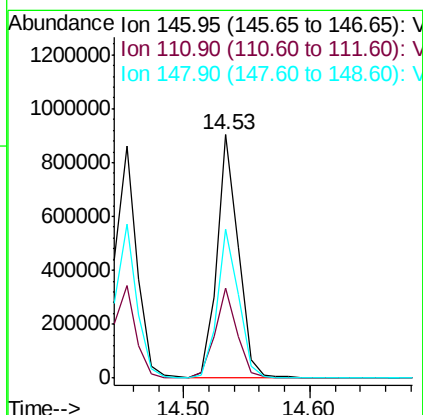
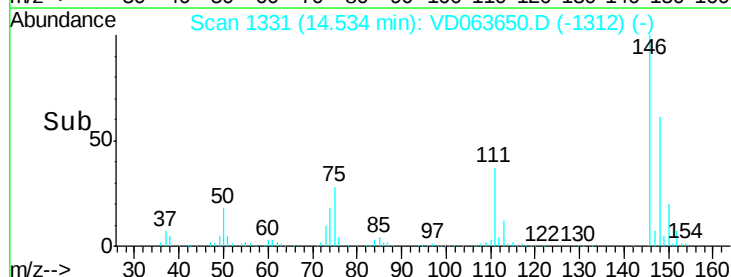
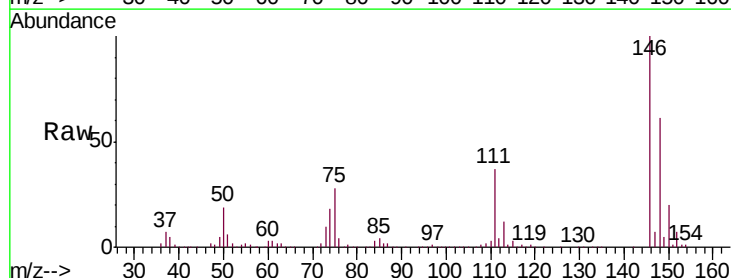
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

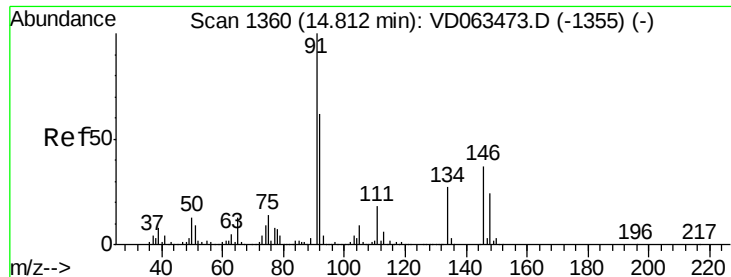
Tgt Ion:146 Resp: 1048060
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 66.1 33.6 100.6



#88
 1,4-Dichlorobenzene
 Concen: 51.534 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:146 Resp: 1059889
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.7 59.0
 148 61.3 32.1 96.3





#89

n-Butylbenzene

Concen: 50.836 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampleId :

BFB

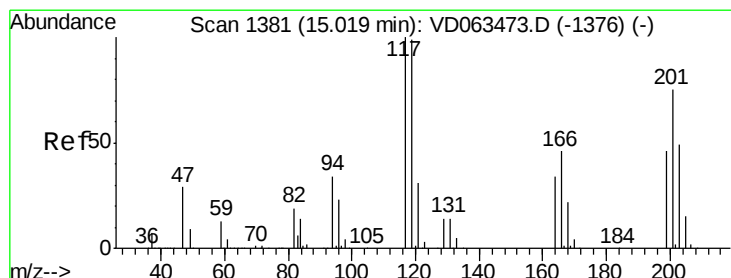
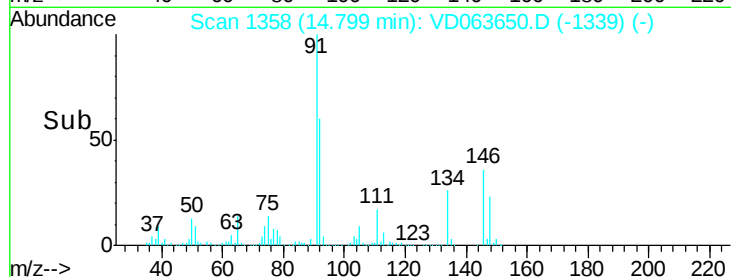
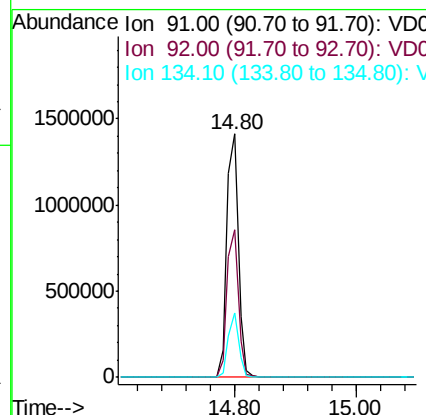
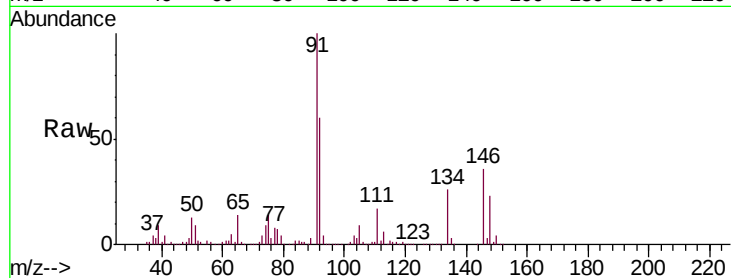
Tgt Ion: 91 Resp: 1879617

Ion Ratio Lower Upper

91 100

92 60.4 30.8 92.3

134 26.4 13.4 40.2



#90

Hexachloroethane

Concen: 52.748 ug/l

RT: 15.01 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD063650.D

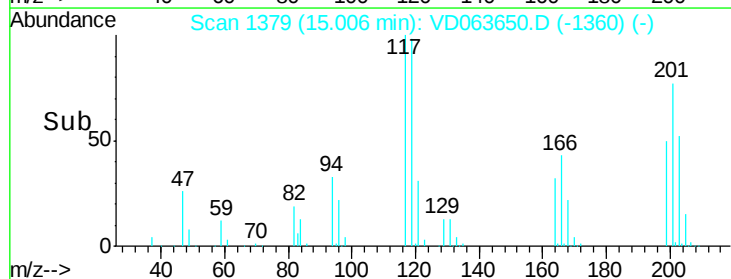
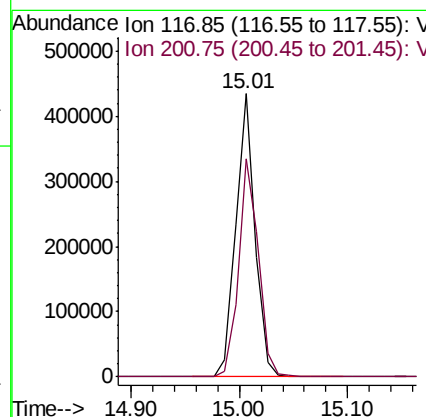
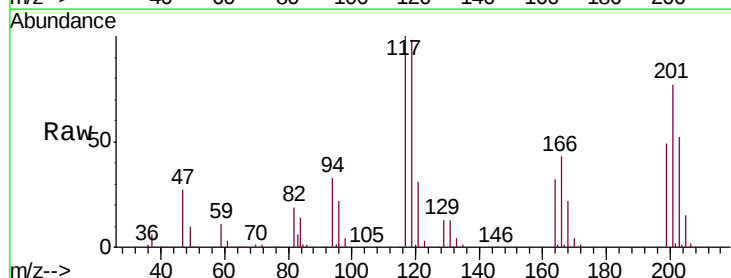
Acq: 19 Aug 2019 11:36

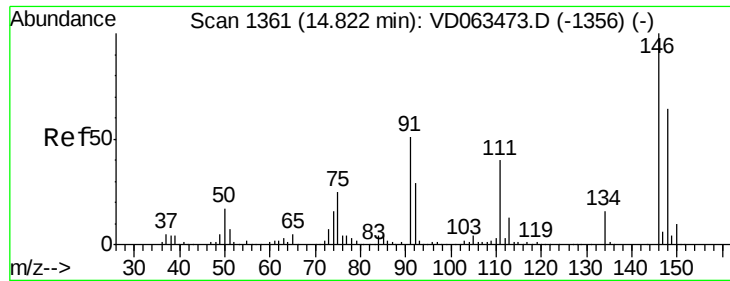
Tgt Ion: 117 Resp: 537104

Ion Ratio Lower Upper

117 100

201 77.2 37.5 112.5

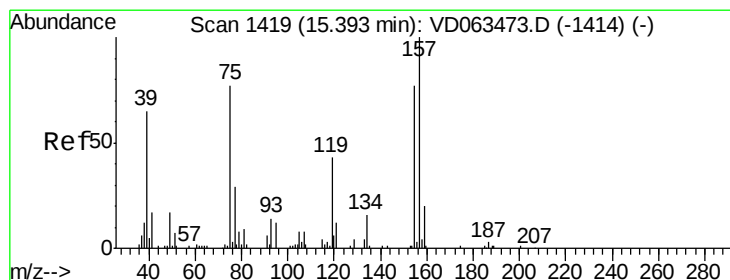
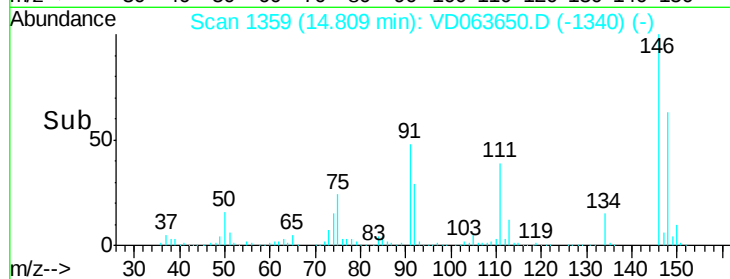
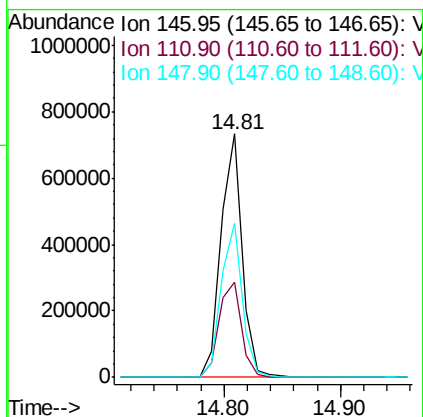
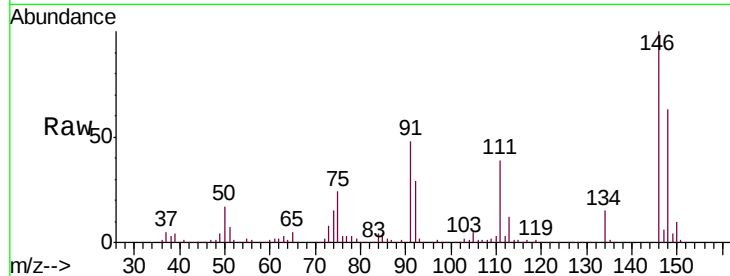




#91
 1,2-Dichlorobenzene
 Concen: 50.894 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

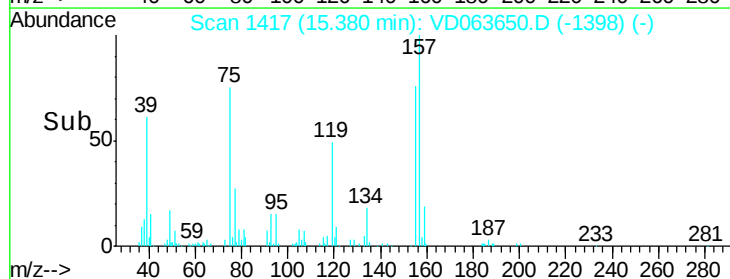
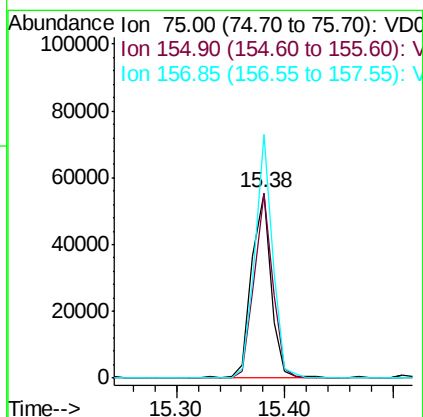
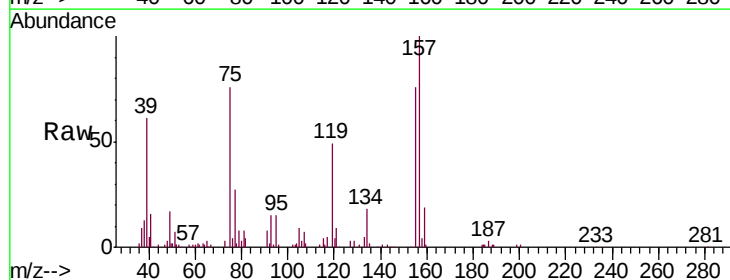
Instrument :
 MSVOA_D
 ClientSampled :
 BFB

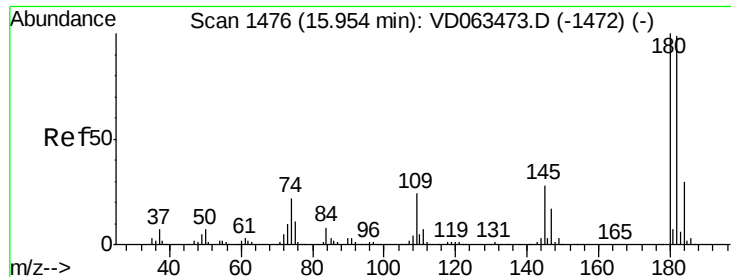
Tgt Ion: 146 Resp: 925631
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.2 60.6
 148 63.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.891 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion: 75 Resp: 68969
 Ion Ratio Lower Upper
 75 100
 155 99.9 50.1 150.3
 157 131.7 65.0 195.1

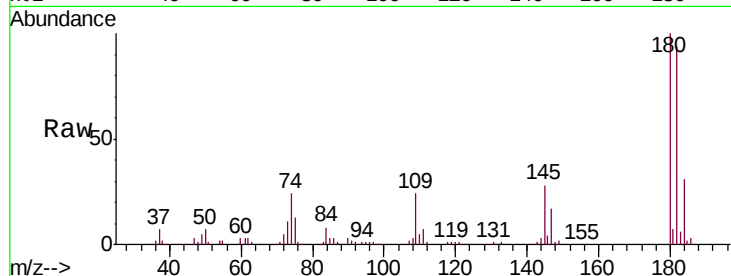




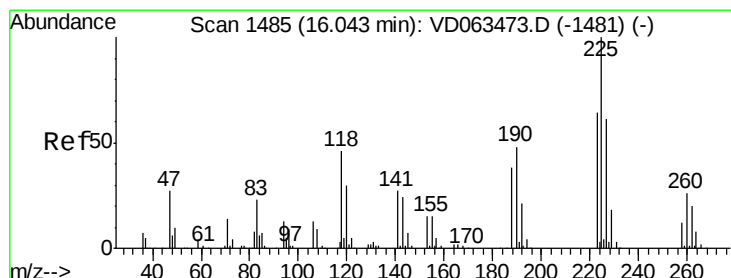
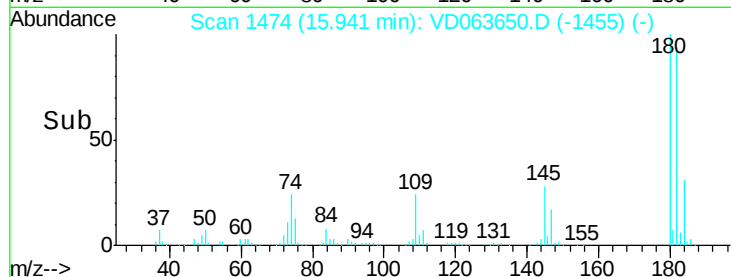
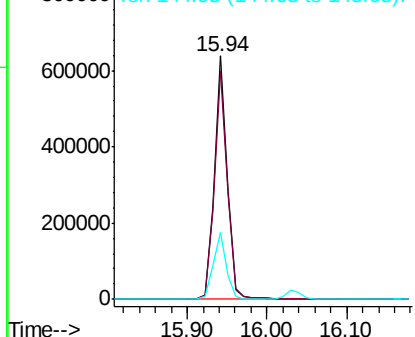
#93
 1,2,4-Trichlorobenzene
 Concen: 54.425 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 728353
 Ion Ratio Lower Upper
 180 100
 182 93.7 49.7 149.1
 145 27.5 14.1 42.2

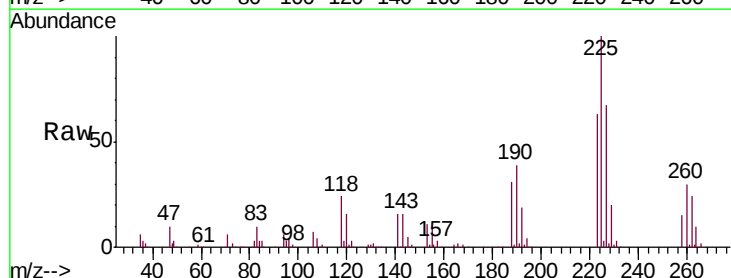


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

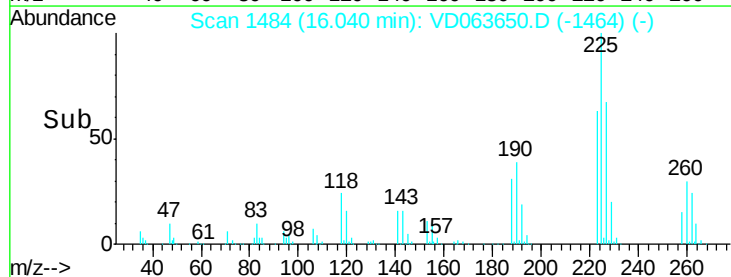
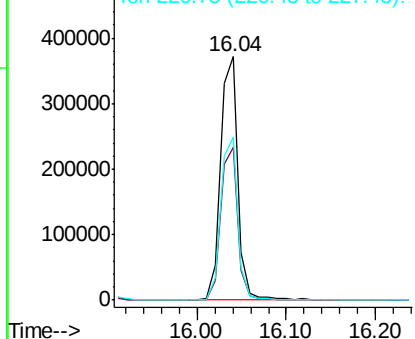


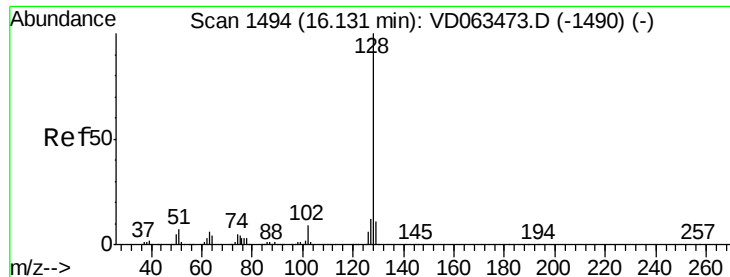
#94
 Hexachlorobutadiene
 Concen: 49.793 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD063650.D
 Acq: 19 Aug 2019 11:36

Tgt Ion:225 Resp: 507862
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.5
 227 67.1 30.7 92.1



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 52.378 ug/l

RT: 16.12 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

Instrument :

MSVOA_D

ClientSampled :

BFB

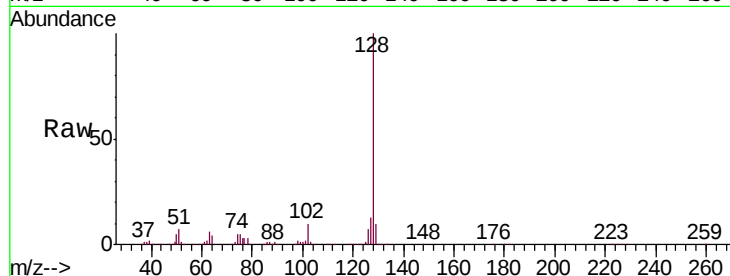
Tgt Ion:128 Resp: 1062315

Ion Ratio Lower Upper

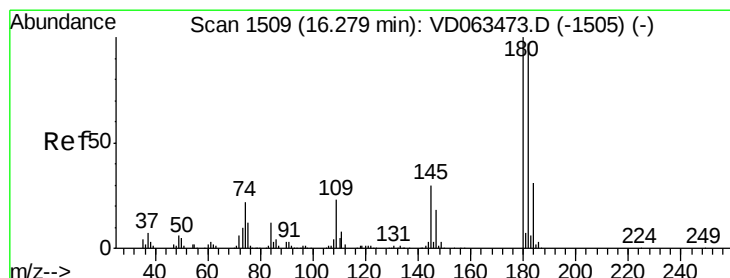
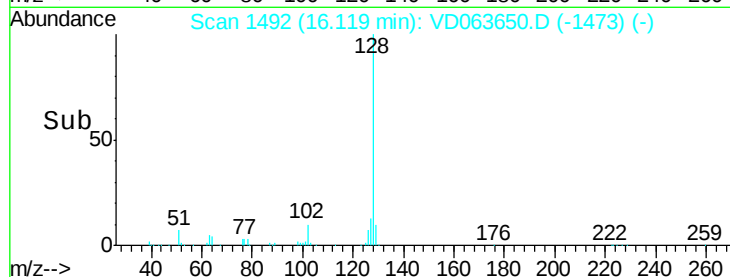
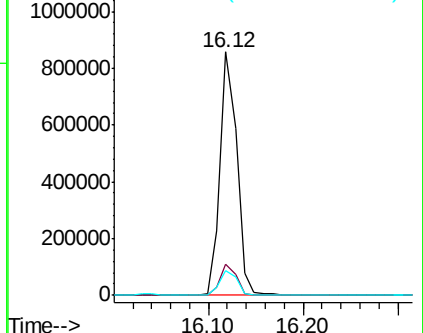
128 100

127 12.5 9.4 14.0

129 10.3 8.5 12.7



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



#96

1,2,3-Trichlorobenzene

Concen: 49.046 ug/l

RT: 16.27 min Scan# 1507

Delta R.T. -0.01 min

Lab File: VD063650.D

Acq: 19 Aug 2019 11:36

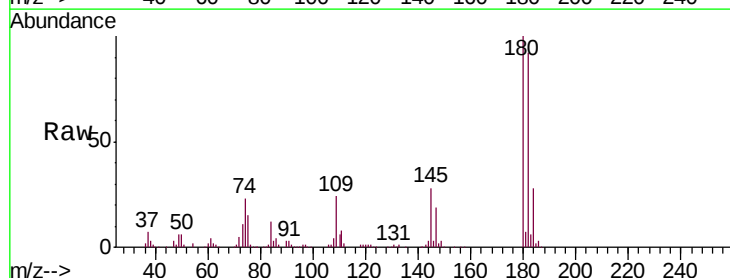
Tgt Ion:180 Resp: 530139

Ion Ratio Lower Upper

180 100

182 91.6 48.4 145.2

145 28.4 14.9 44.9



Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V

