

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063769.D
 Acq On : 23 Aug 2019 16:33
 Operator : JC/SY
 Sample : K4452-02RE
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 26 11:13:20 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	780343	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1089382	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	846558	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	316055	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	564300	67.65	ug/l	-0.02
Spiked Amount			Recovery	=	135.30%	
35) Dibromofluoromethane	6.92	113	658772	71.80	ug/l	-0.02
Spiked Amount			Recovery	=	143.60%	
50) Toluene-d8	10.40	98	1513442	75.03	ug/l	-0.02
Spiked Amount			Recovery	=	150.06%	
62) 4-Bromofluorobenzene	13.55	95	448107	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.01	56	2848	7.968	ug/l	99
15) Acrylonitrile	4.21	53	1538	1.599	ug/l #	11
16) Acetone	3.22	43	70908	41.818	ug/l	99
18) Methyl Acetate	3.65	43	4149	1.292	ug/l #	57
20) Methylene Chloride	3.80	84	22754	3.103	ug/l #	94
25) 2-Butanone	6.07	43	13478	8.048	ug/l #	87
31) Cyclohexane	6.97	56	41360	5.492	ug/l #	55
36) 1,1-Dichloropropene	7.04	75	55914	5.806	ug/l #	48
37) Ethyl Acetate	6.07	43	12772	3.165	ug/l #	73
38) Carbon Tetrachloride	7.04	117	79019	5.444	ug/l #	17
39) Methylcyclohexane	8.86	83	295235	36.052	ug/l #	94
43) Isopropyl Acetate	9.27	43	66748	12.350	ug/l #	48
48) Methyl methacrylate	9.15	41	25160	6.864	ug/l #	86
49) 1,4-Dioxane	9.29	88	181	30.133	ug/l #	1
51) 4-Methyl-2-Pentanone	10.39	43	67360	18.214	ug/l #	63
55) 1,1,2-Trichloroethane	11.10	97	328408	71.222	ug/l #	20
56) Ethyl methacrylate	11.19	69	18686	3.734	ug/l	89
59) 2-Hexanone	11.49	43	207406	77.074	ug/l #	35
67) Ethyl Benzene	12.52	91	68691	2.490	ug/l	94
68) m/p-Xylenes	12.66	106	82392	8.501	ug/l	95
73) Isopropylbenzene	13.41	105	74230	3.693	ug/l	89
74) N-amyl acetate	13.33	43	154284	30.573	ug/l #	33
75) 1,1,2,2-Tetrachloroethane	13.55	83	4807	1.441	ug/l	98
78) n-propylbenzene	13.77	91	205488	8.736	ug/l	95
79) 2-Chlorotoluene	13.85	91	16256	1.199	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.93	105	681978	38.827	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.55	75	196835	201.900	ug/l #	3
82) 4-Chlorotoluene	13.93	91	75347	4.620	ug/l #	44
83) tert-Butylbenzene	14.18	119	18717	1.012	ug/l	74
84) 1,2,4-Trimethylbenzene	14.23	105	293981	18.089	ug/l	92
85) sec-Butylbenzene	14.36	105	175477	8.934	ug/l	99
86) p-Isopropyltoluene	14.49	119	180318	9.601	ug/l	99
90) Hexachloroethane	15.05	117	45132	9.561	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	15.37	75	3751	5.970	ug/l #	1

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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

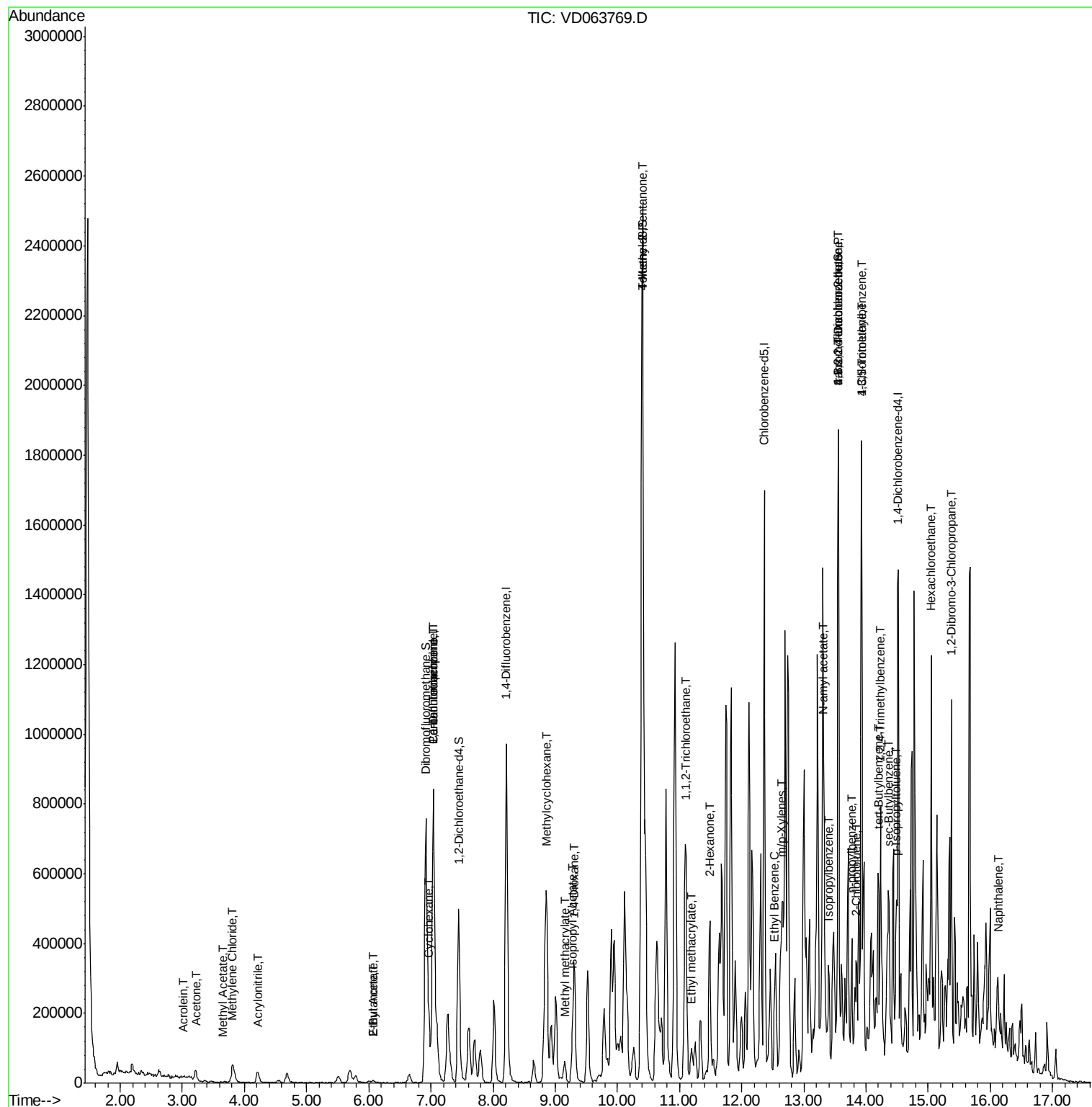
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	16.12	128	120627	12.829	ug/l	97

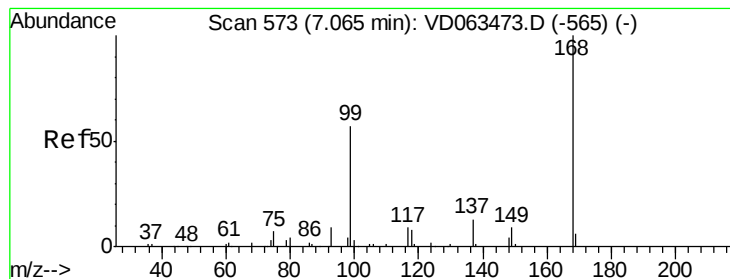
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082319\
Data File : VD063769.D
Acq On : 23 Aug 2019 16:33
Operator : JC/SY
Sample : K4452-02RE
Misc : 5.10a/5ml/MSVOA D/SOIL
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Instrument :

MSVOA_D

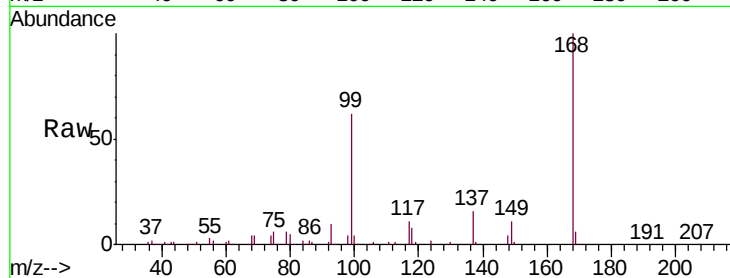
ClientSampleId :

Tot Ion:168 Resp: 780343

Ion Ratio Lower Upper

168 100

99 61.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

300000

250000

200000

150000

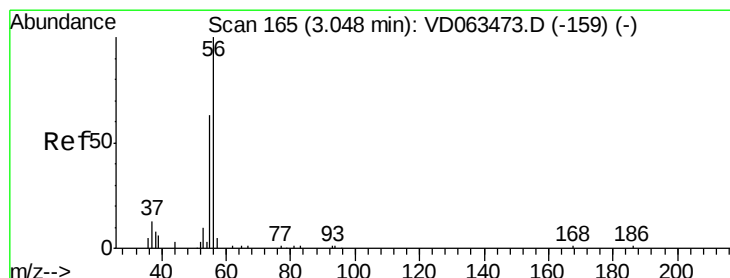
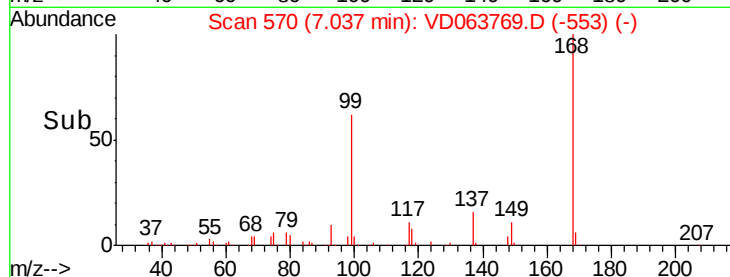
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#13

Acrolein

Concen: 7.968 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.04 min

Lab File: VD063769.D

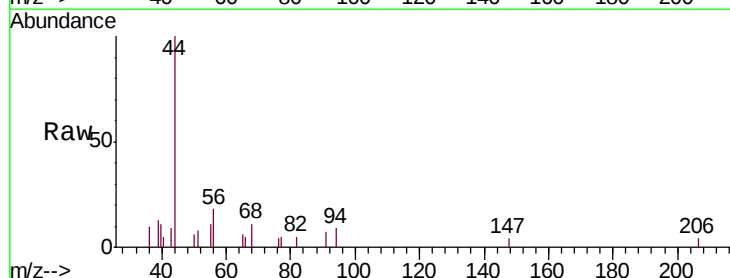
Acq: 23 Aug 2019 16:33

Tgt Ion: 56 Resp: 2848

Ion Ratio Lower Upper

56 100

55 63.3 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): V

Ion 55.00 (54.70 to 55.70): V

3.01

1500

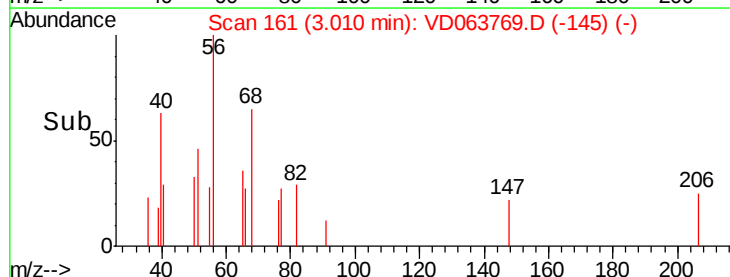
1000

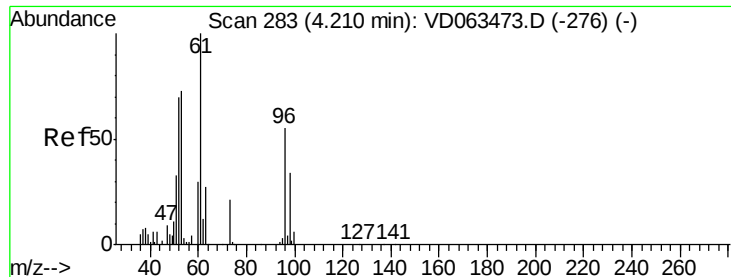
500

0

Time-->

2.95 3.00 3.05





#15

Acrylonitrile

Concen: 1.599 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.00 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Instrument :

MSVOA_D

ClientSampled :

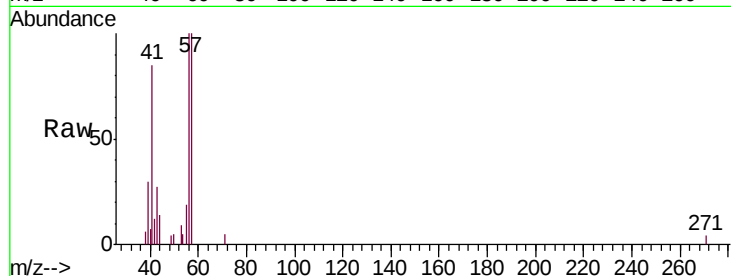
Tot Ion: 53 Resp: 1538

Ion Ratio Lower Upper

53 100

52 0.0 77.4 116.0#

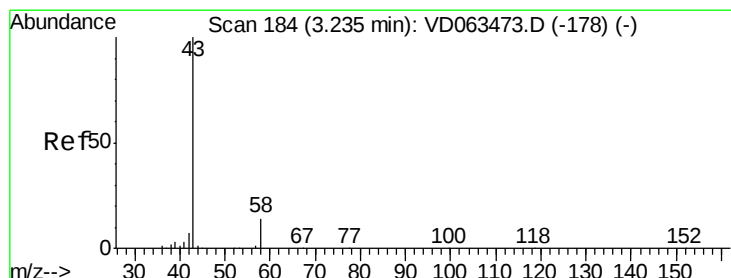
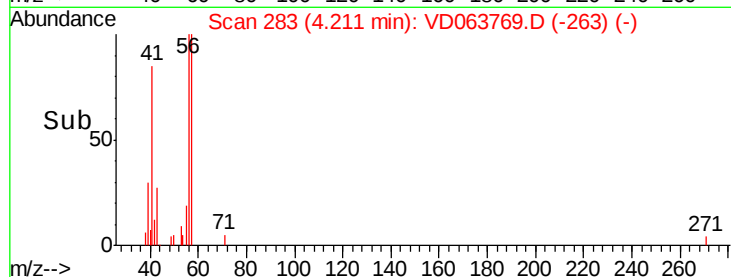
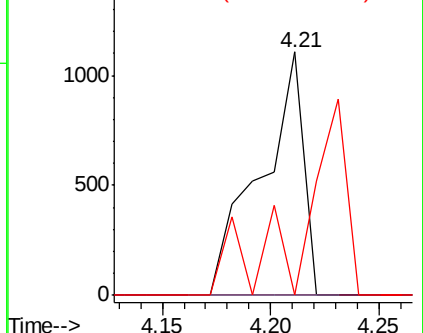
51 0.0 36.7 55.1#



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: 41.818 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063769.D

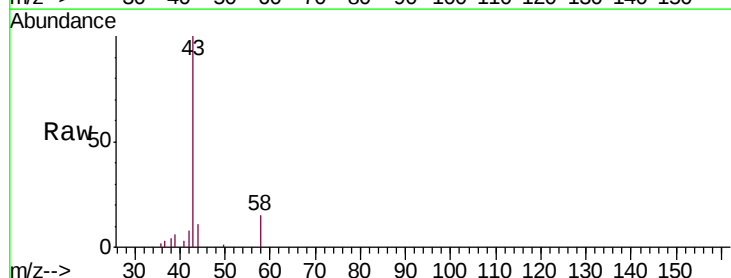
Acq: 23 Aug 2019 16:33

Tgt Ion: 43 Resp: 70908

Ion Ratio Lower Upper

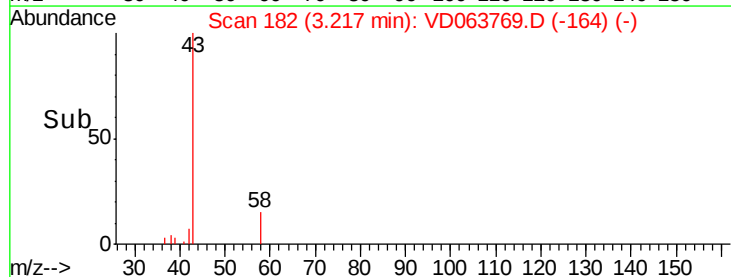
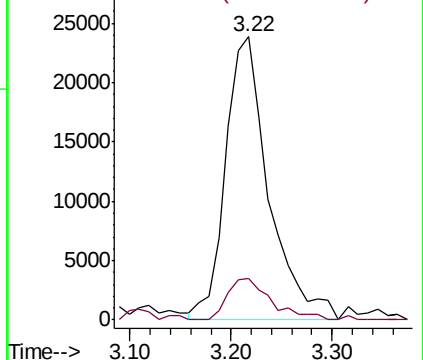
43 100

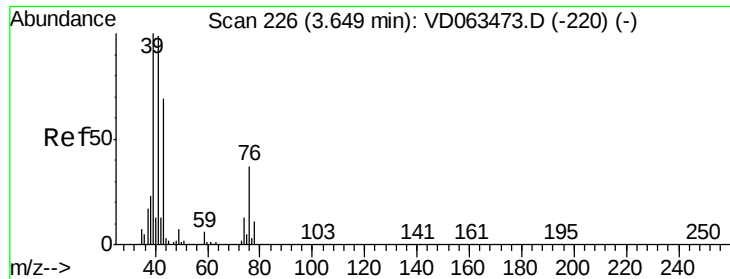
58 14.7 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

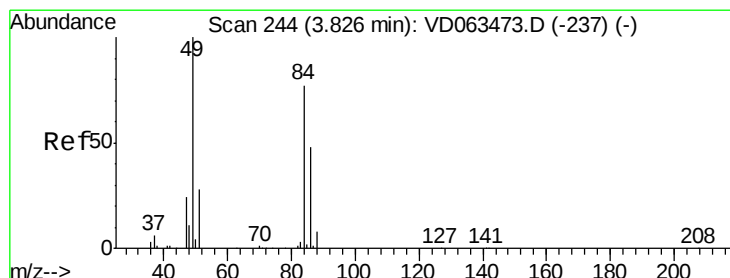
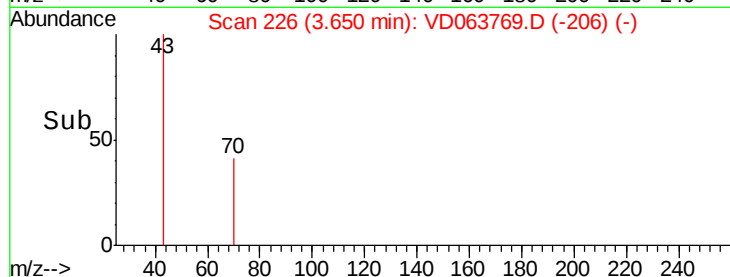
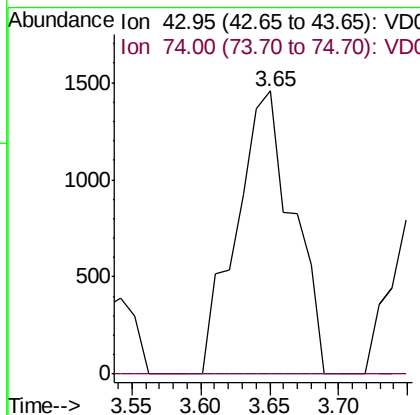
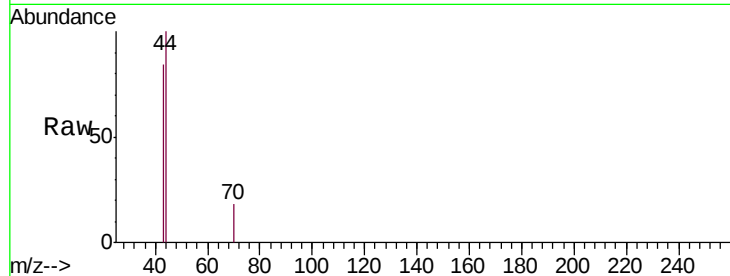




#18
Methvl Acetate
Concen: 1.292 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

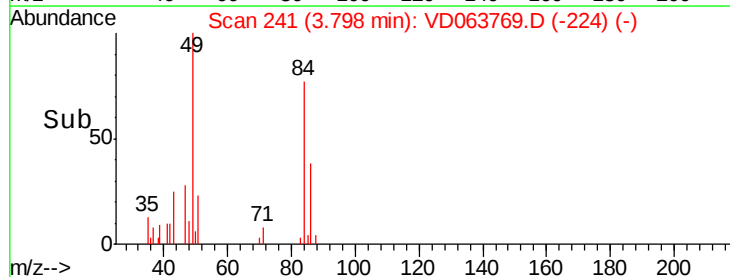
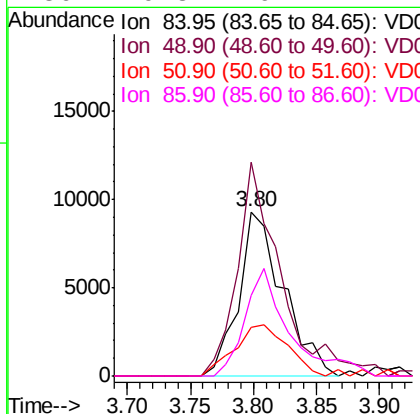
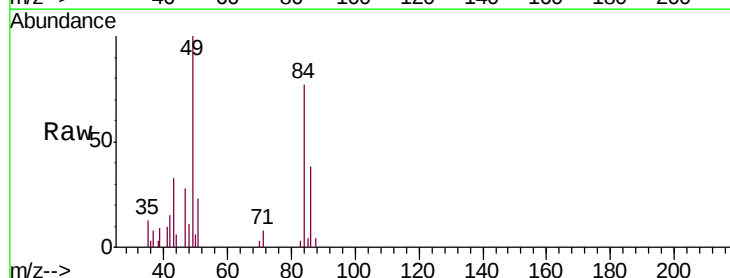
Instrument :
MSVOA_D
ClientSampleId :

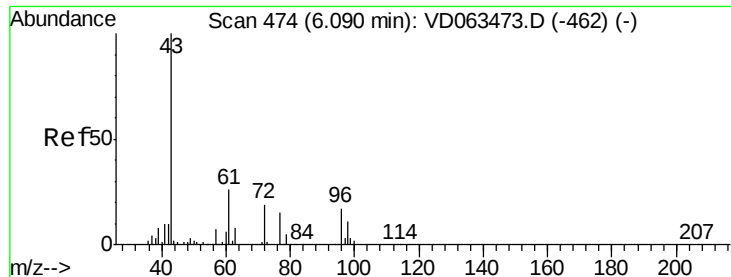
Tot Ion: 43 Resp: 4149
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#20
Methylene Chloride
Concen: 3.103 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Tgt Ion: 84 Resp: 22754
Ion Ratio Lower Upper
84 100
49 130.0 103.4 155.2
51 29.6 28.5 42.7
86 49.3 49.4 74.2#

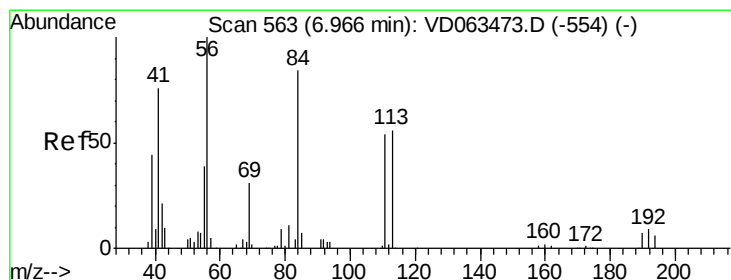
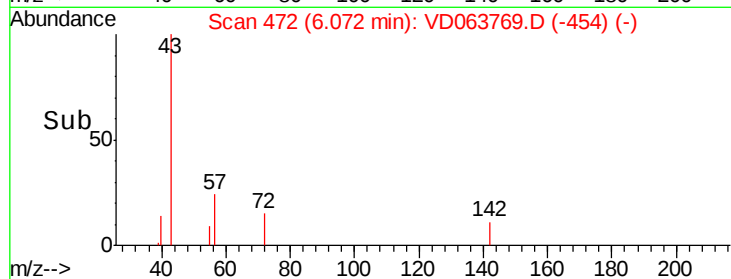
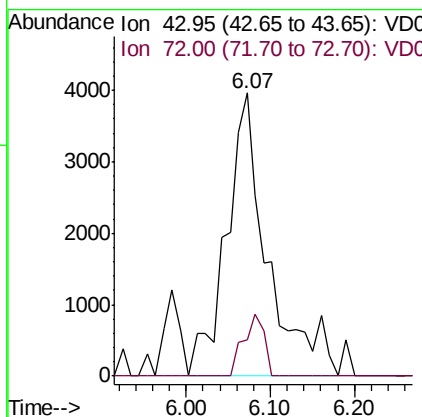
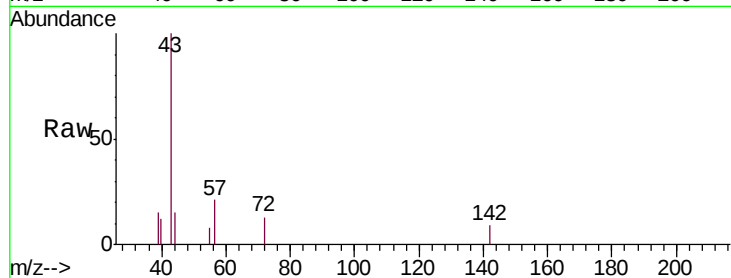




#25
2-Butanone
Concen: 8.048 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.02 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

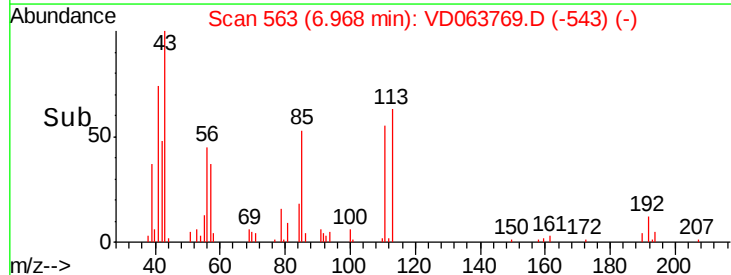
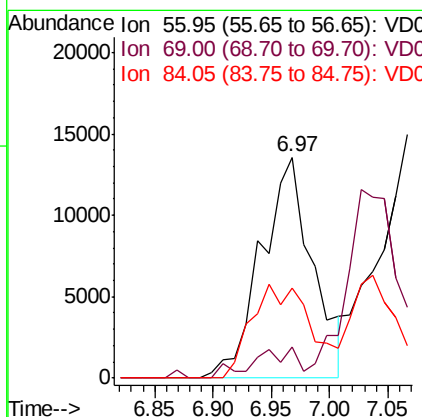
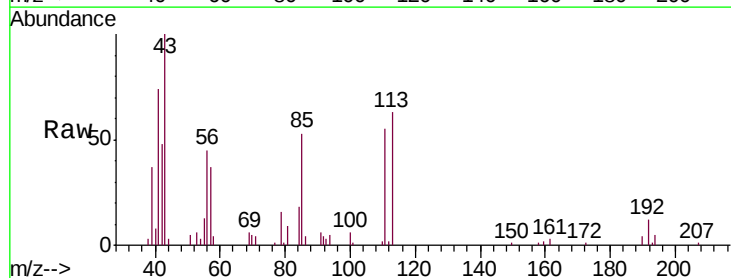
Instrument :
MSVOA_D
ClientSampleId :

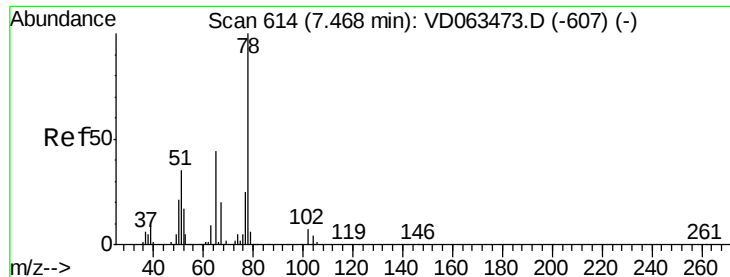
Tot Ion: 43 Resp: 13478
Ion Ratio Lower Upper
43 100
72 12.9 15.1 22.7#



#31
Cyclohexane
Concen: 5.492 ug/l
RT: 6.97 min Scan# 563
Delta R.T. 0.00 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Tgt Ion: 56 Resp: 41360
Ion Ratio Lower Upper
56 100
69 13.9 25.0 37.6#
84 40.8 69.7 104.5#





#33

1,2-Dichloroethane-d4

Concen: 67.652 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Instrument :

MSVOA_D

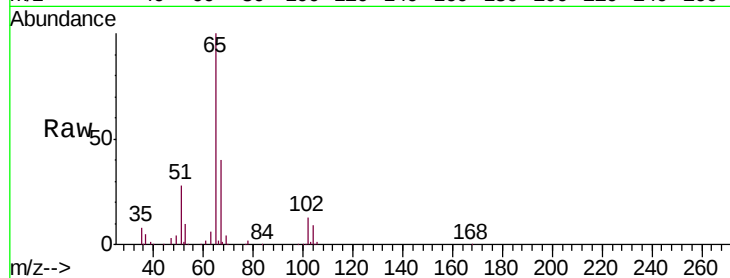
ClientSampleId :

Tot Ion: 65 Resp: 564300

Ion Ratio Lower Upper

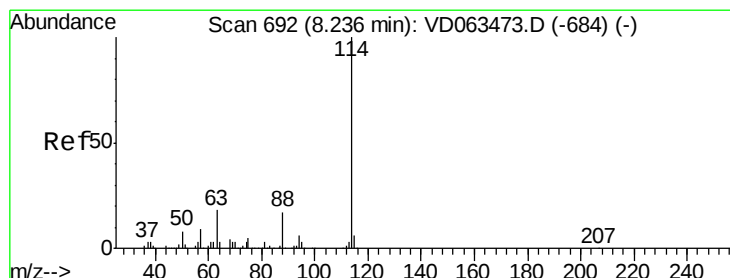
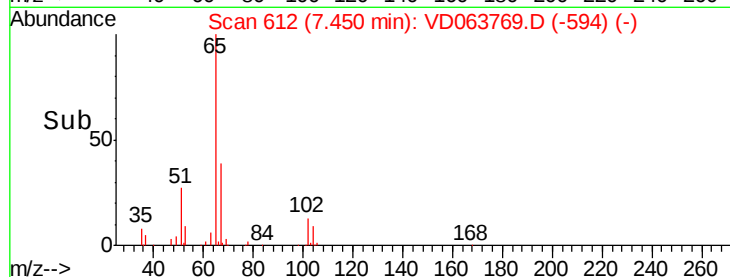
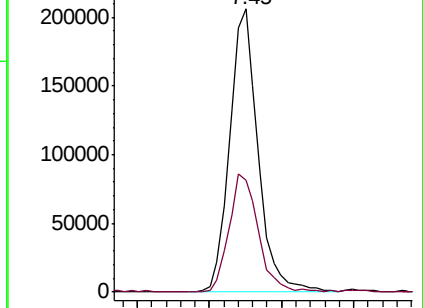
65 100

67 39.7 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

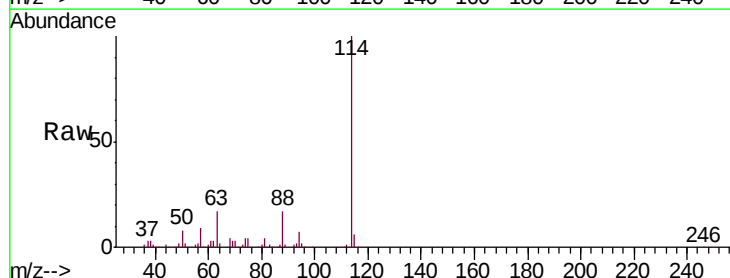
Tgt Ion: 114 Resp: 1089382

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.2

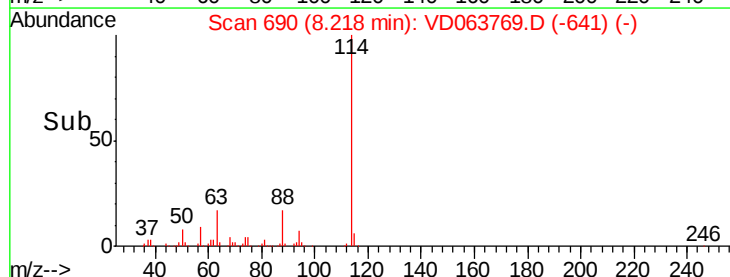
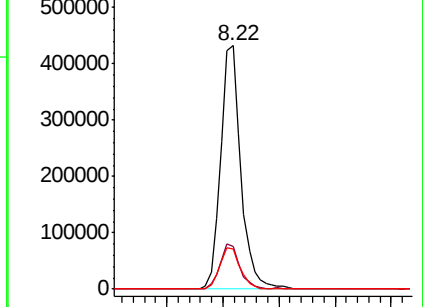
88 16.6 0.0 35.0

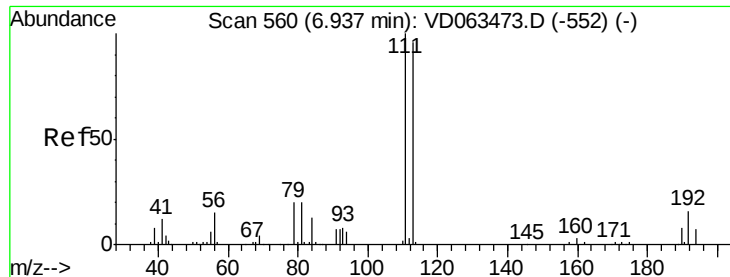


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

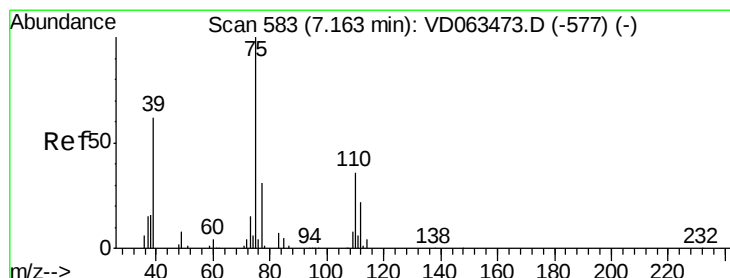
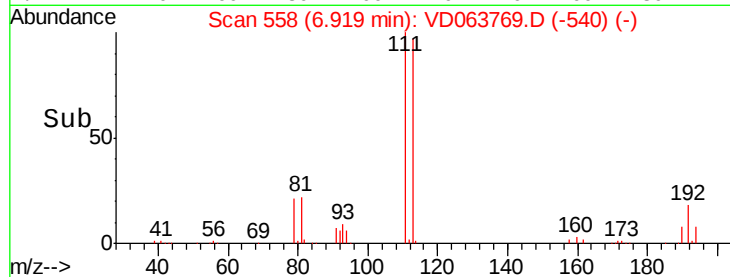
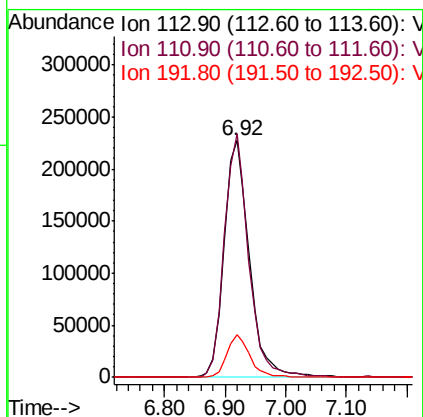
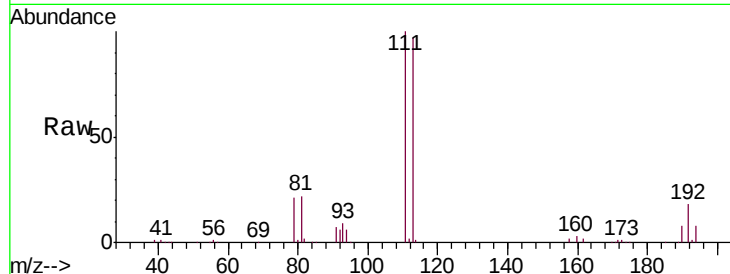




#35
 Dibromofluoromethane
 Concen: 71.802 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063769.D
 Acq: 23 Aug 2019 16:33

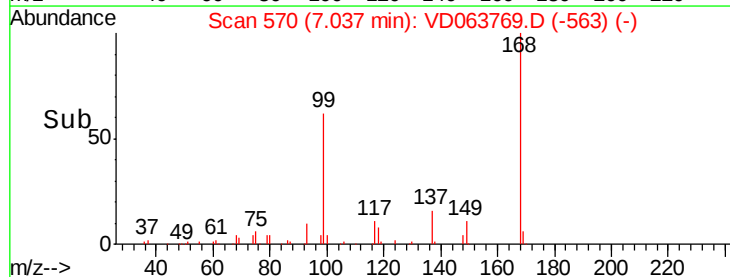
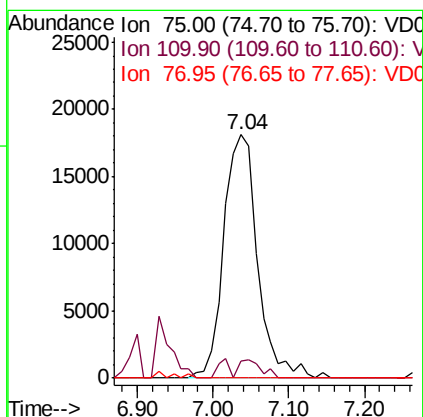
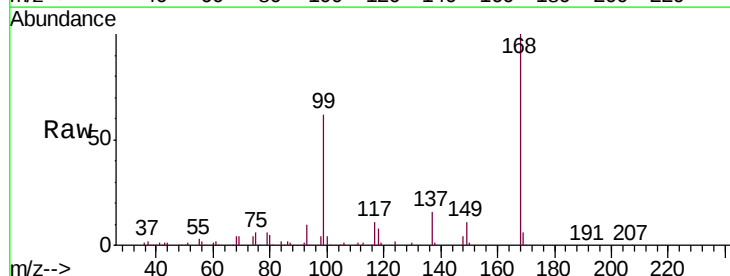
Instrument :
 MSVOA_D
 ClientSampled :

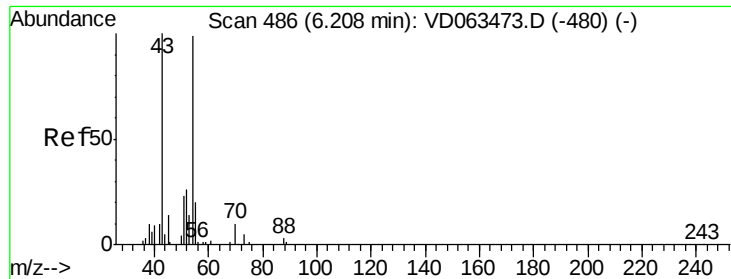
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	18.2	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 5.806 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.13 min
 Lab File: VD063769.D
 Acq: 23 Aug 2019 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	17.6	52.8#
77	0.0	24.3	36.5#

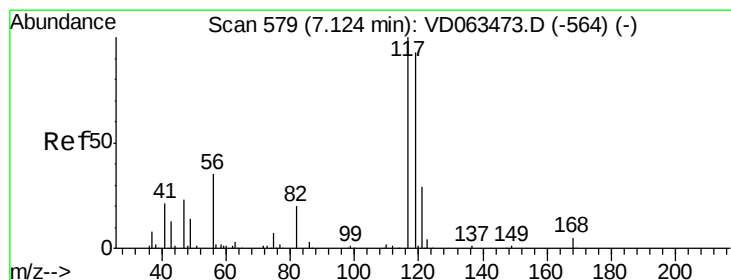
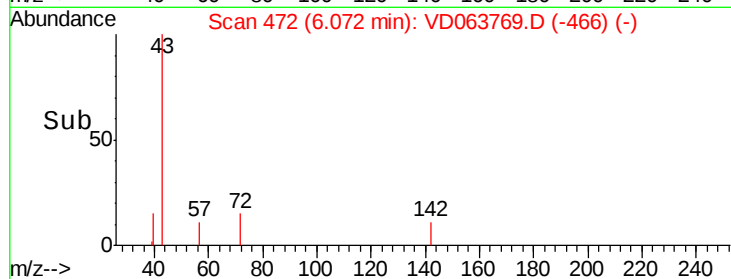
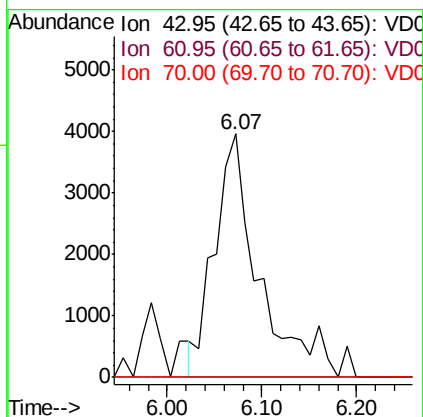
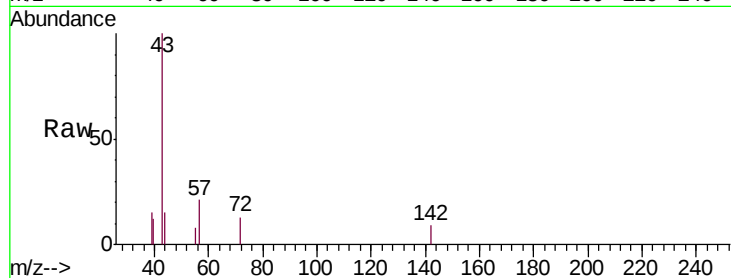




#37
Ethyl Acetate
Concen: 3.165 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.14 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

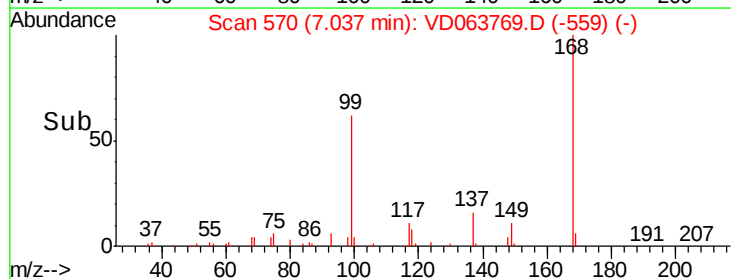
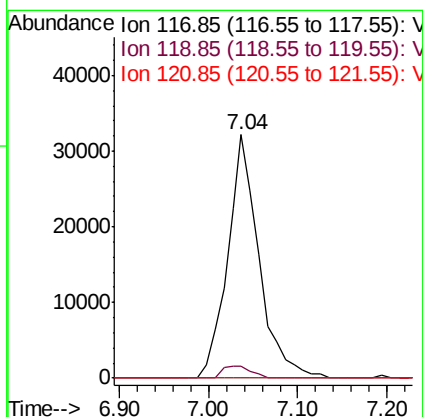
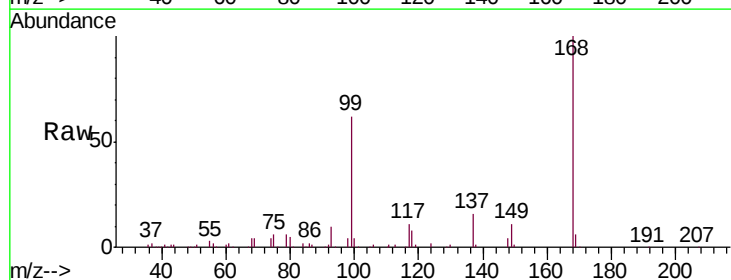
Instrument :
MSVOA_D
ClientSampled :

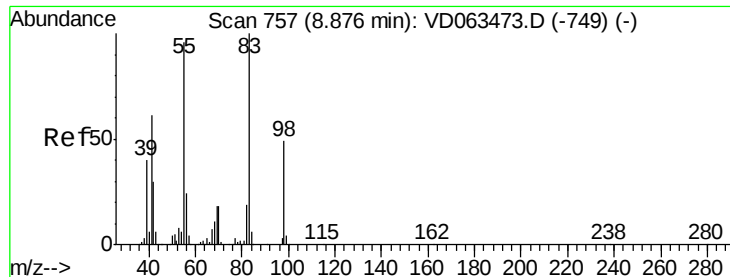
Tot Ion: 43 Resp: 12772
Ion Ratio Lower Upper
43 100
61 0.0 9.0 13.6#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.444 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Tgt Ion: 117 Resp: 79019
Ion Ratio Lower Upper
117 100
119 4.8 74.2 111.2#
121 0.0 23.1 34.7#

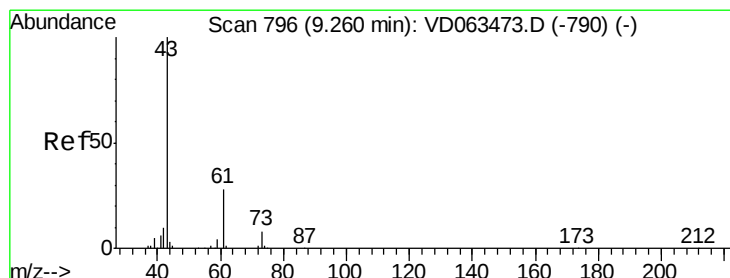
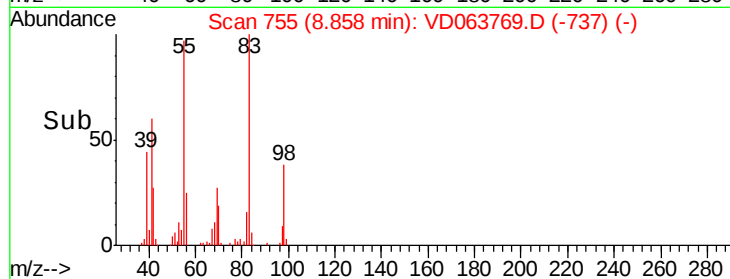
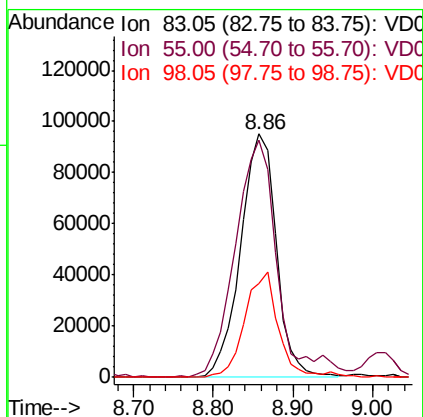
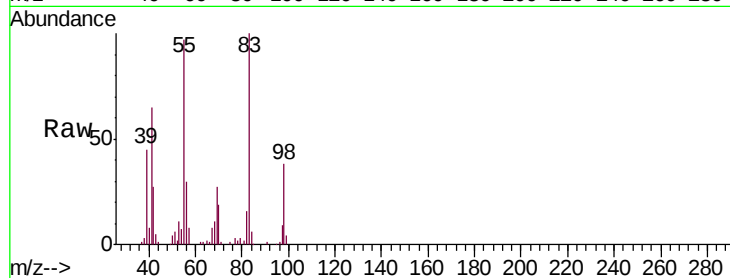




#39
Methylcyclohexane
Concen: 36.052 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.02 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

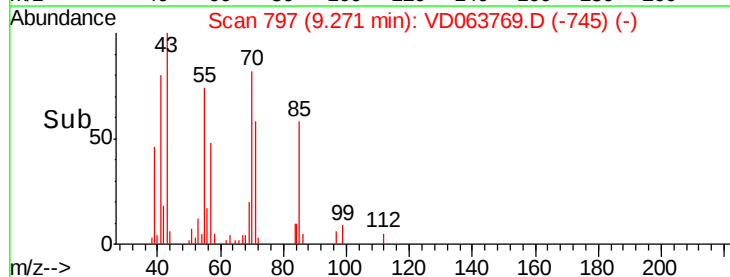
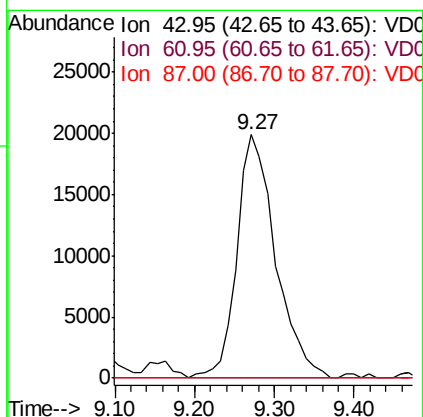
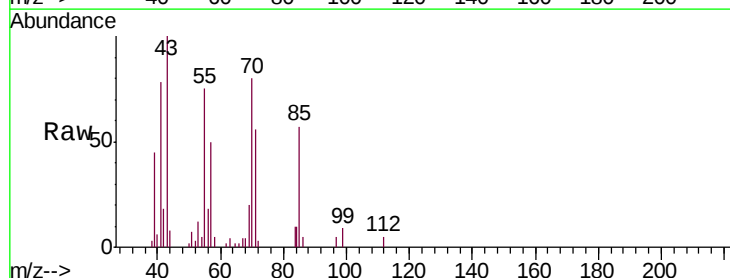
Instrument :
MSVOA_D
ClientSampleId :

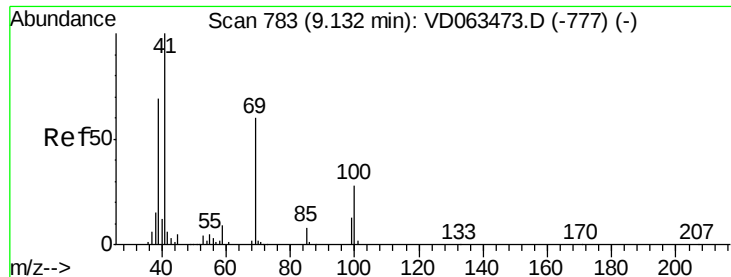
Tot Ion: 83 Resp: 295235
Ion Ratio Lower Upper
83 100
55 97.2 76.6 114.8
98 38.4 39.4 59.0#



#43
Isopropyl Acetate
Concen: 12.350 ug/l
RT: 9.27 min Scan# 797
Delta R.T. 0.01 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Tgt Ion: 43 Resp: 66748
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.2#
87 0.0 0.2 0.4#

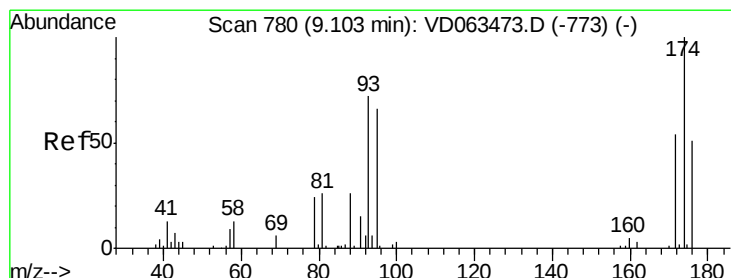
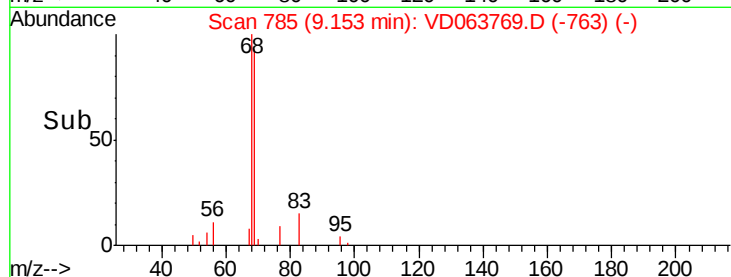
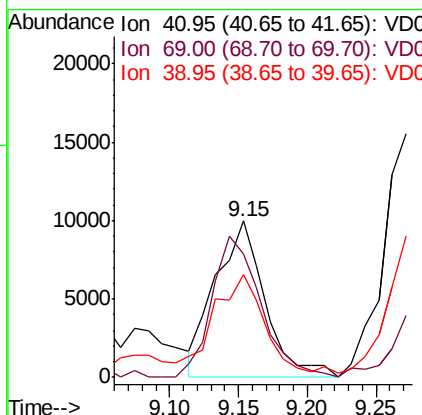
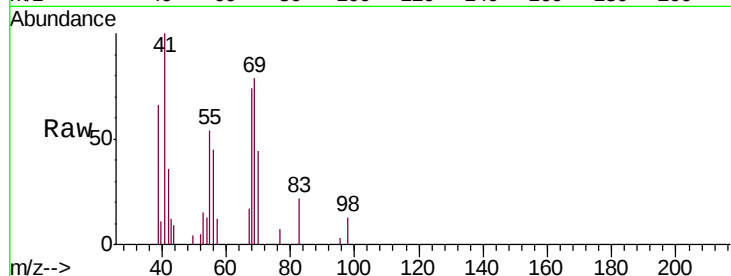




#48
Methvl methacrylate
Concen: 6.864 ug/l
RT: 9.15 min Scan# 785
Delta R.T. 0.02 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

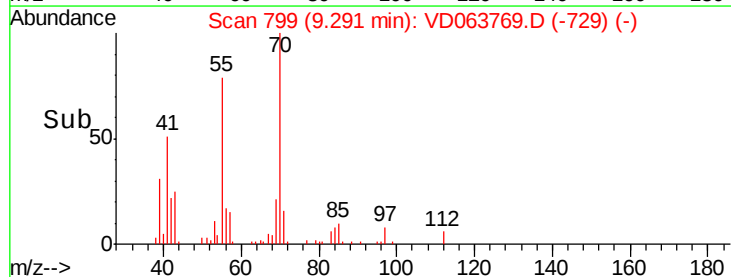
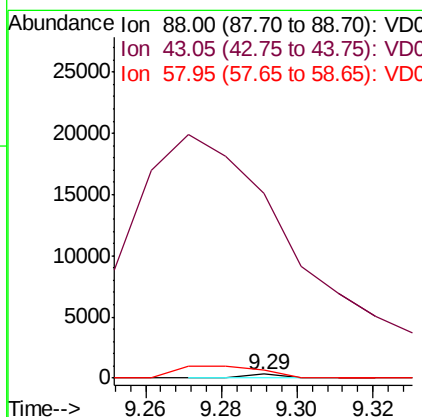
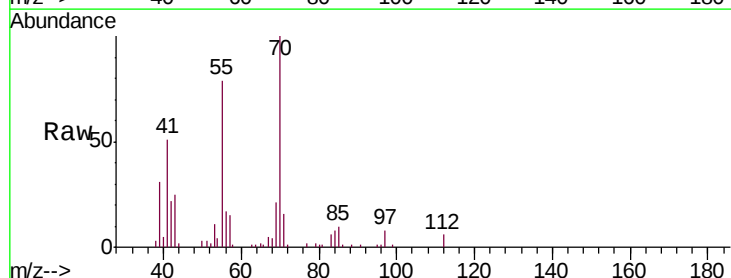
Instrument :
MSVOA_D
ClientSampled :

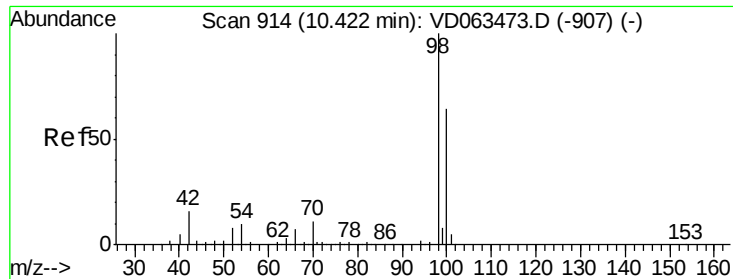
Tot Ion: 41 Resp: 25160
Ion Ratio Lower Upper
41 100
69 79.0 47.6 71.4#
39 65.8 55.7 83.5



#49
1,4-Dioxane
Concen: 30.133 ug/l
RT: 9.29 min Scan# 799
Delta R.T. 0.19 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
43 4929.0 22.9 34.3#
58 222.1 40.1 60.1#

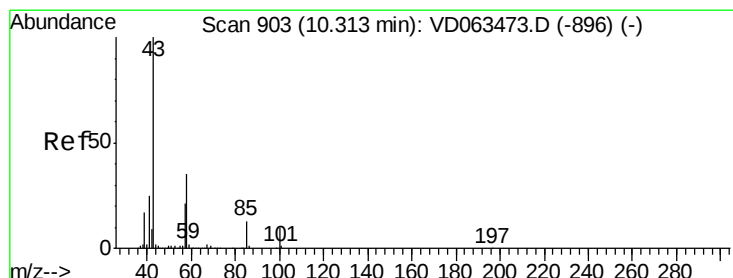
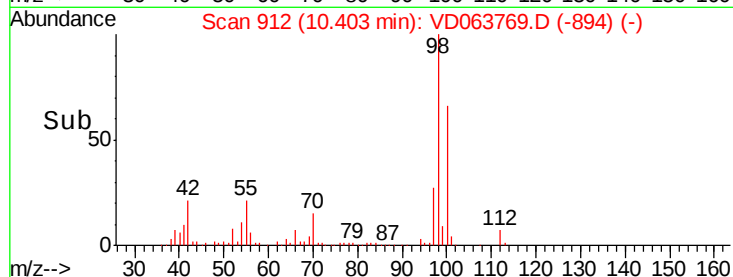
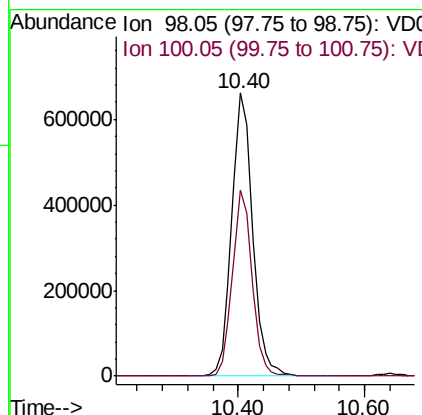
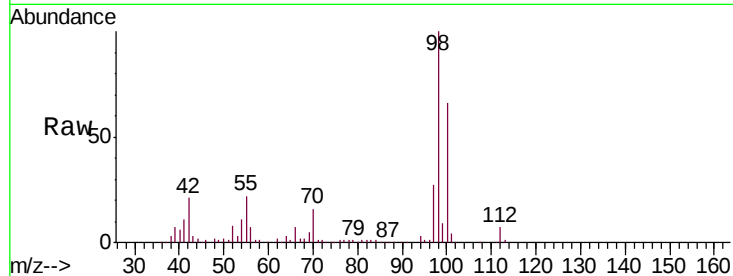




#50
Toluene-d8
Concen: 75.029 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

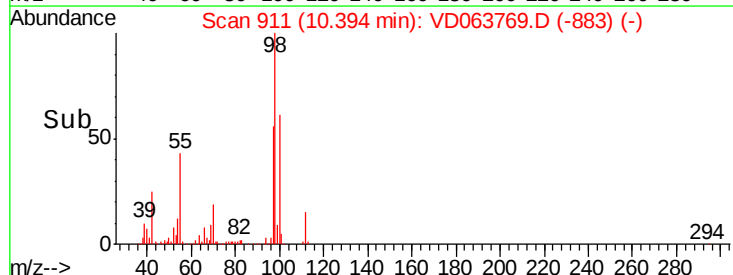
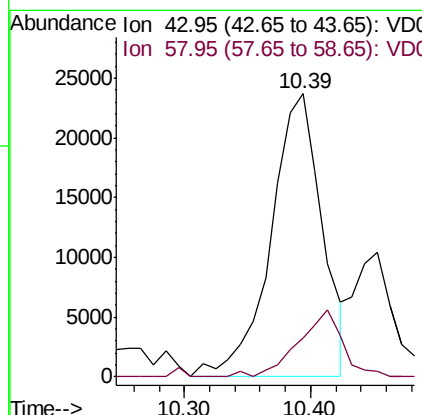
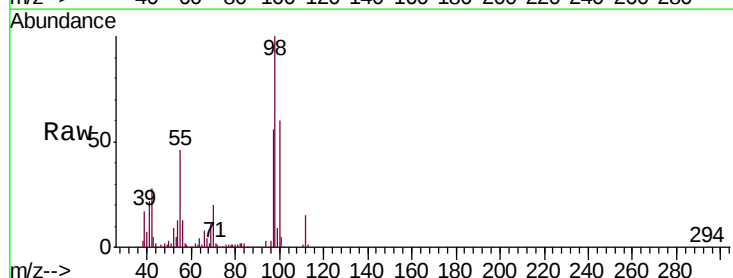
Instrument :
MSVOA_D
ClientSampleId :

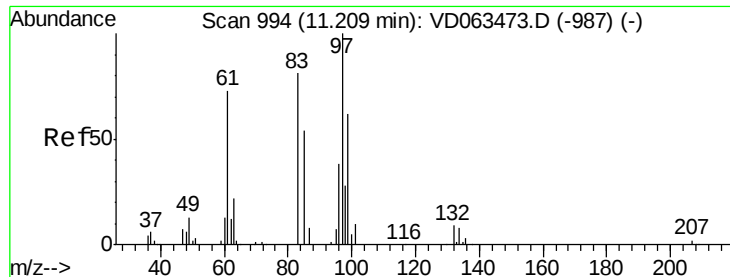
Tot Ion: 98 Resp: 1513442
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 18.214 ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.08 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Tgt Ion: 43 Resp: 67360
Ion Ratio Lower Upper
43 100
58 13.7 28.0 42.0#





#55

1,1,2-Trichloroethane

Concen: 71.222 ug/l

RT: 11.10 min Scan# 983

Delta R.T. -0.11 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 328408

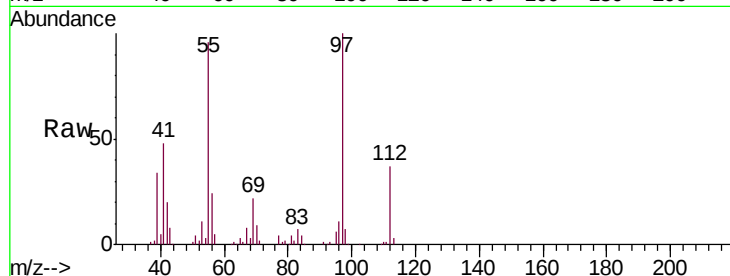
Ion Ratio Lower Upper

97 100

83 6.7 64.7 97.1#

85 0.4 42.9 64.3#

99 0.3 49.7 74.5#

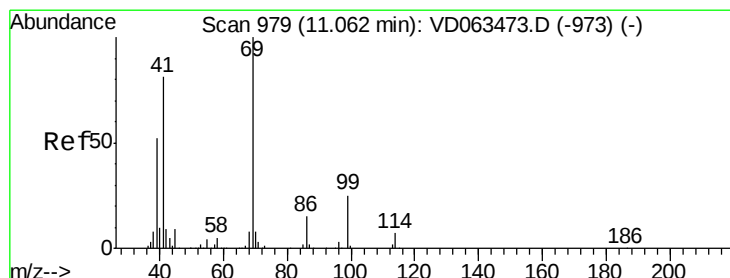
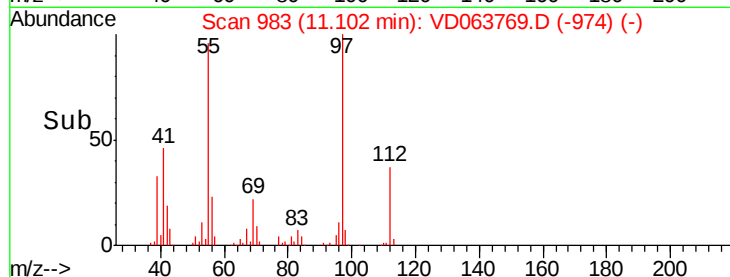
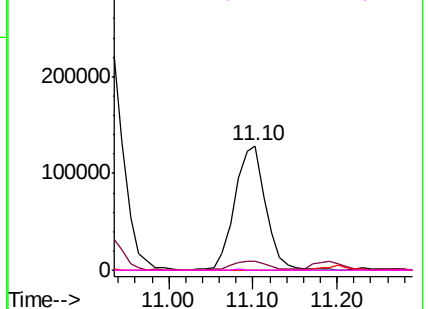


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 3.734 ug/l

RT: 11.19 min Scan# 992

Delta R.T. 0.13 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

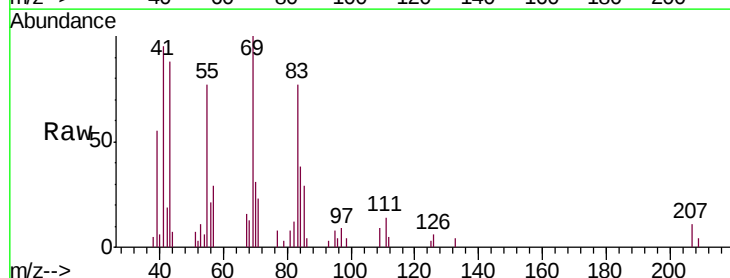
Tgt Ion: 69 Resp: 18686

Ion Ratio Lower Upper

69 100

41 94.8 64.8 97.2

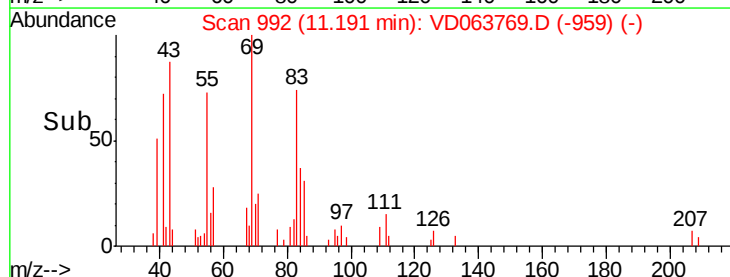
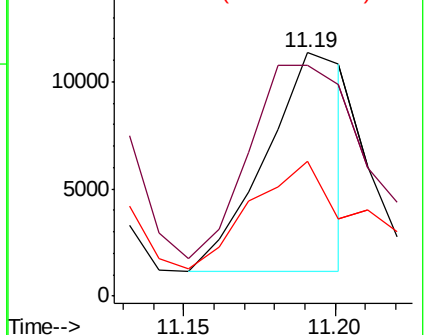
39 55.5 42.4 63.6

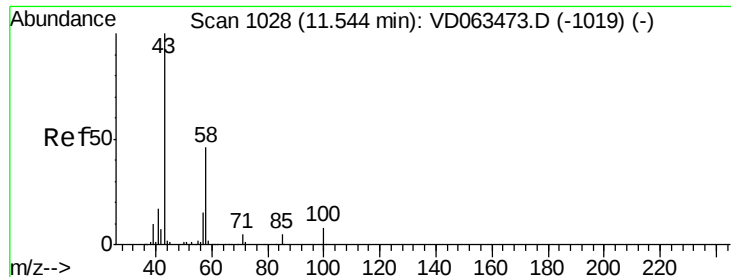


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

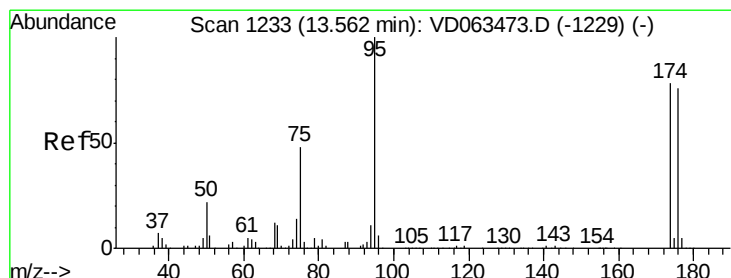
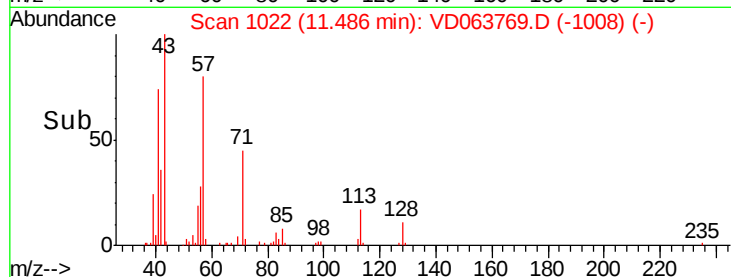
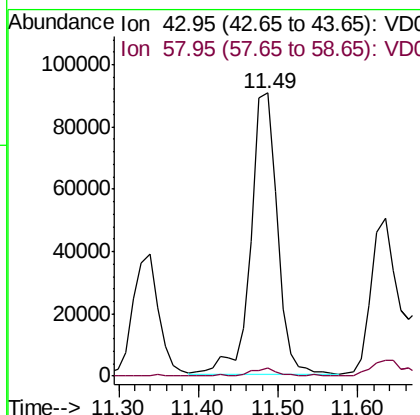
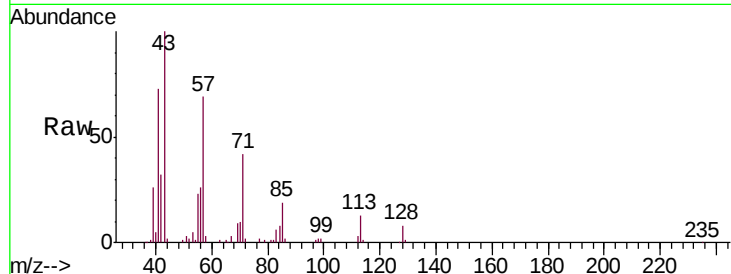




#59
2-Hexanone
Concen: 77.074 ug/l
RT: 11.49 min Scan# 1022
Delta R.T. -0.06 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

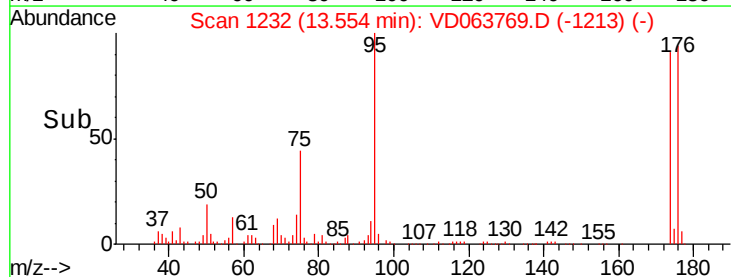
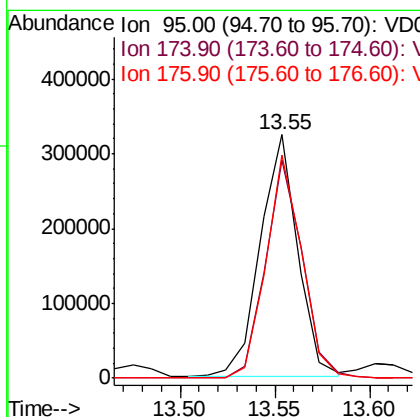
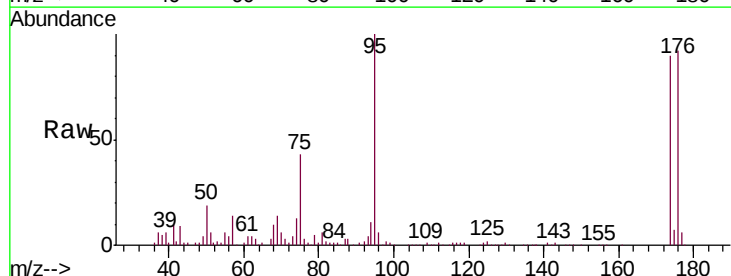
Instrument :
MSVOA_D
ClientSampled :

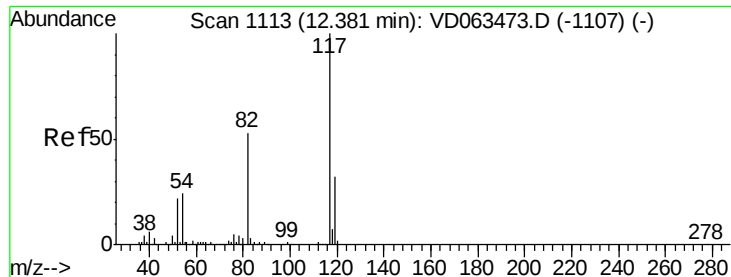
Tot Ion: 43 Resp: 207406
Ion Ratio Lower Upper
43 100
58 3.1 23.1 69.2#



#62
4-Bromofluorobenzene
Concen: 49.014 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Tgt Ion: 95 Resp: 448107
Ion Ratio Lower Upper
95 100
174 89.5 0.0 155.4
176 91.5 0.0 152.4

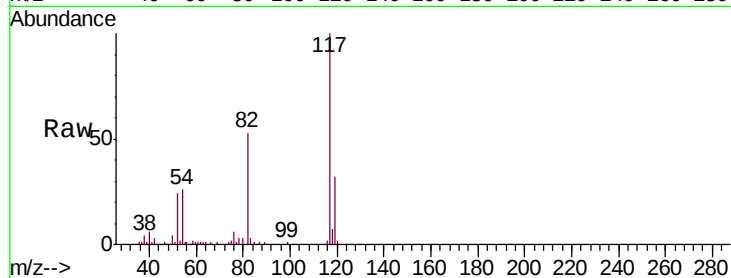




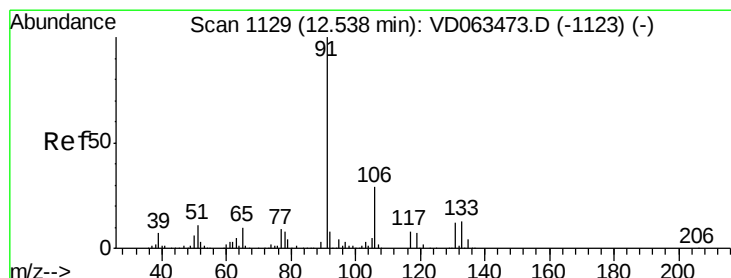
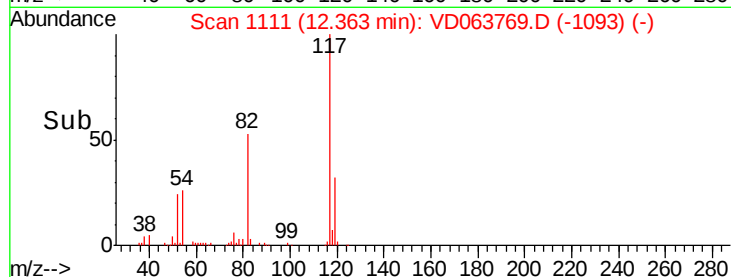
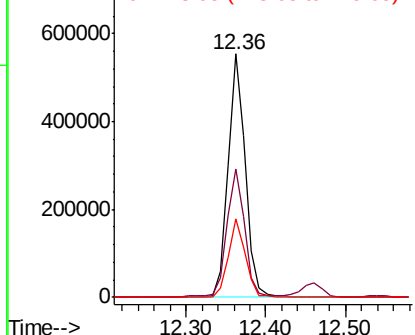
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.0	63.0
119	32.2	25.4	38.0

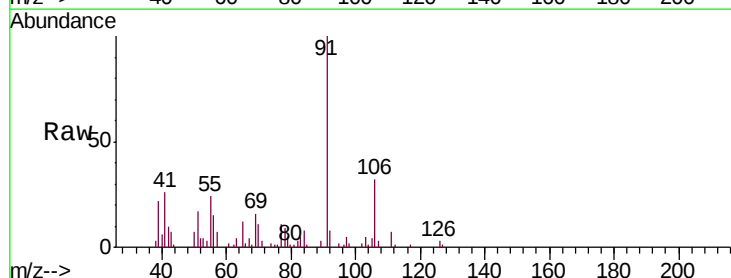


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

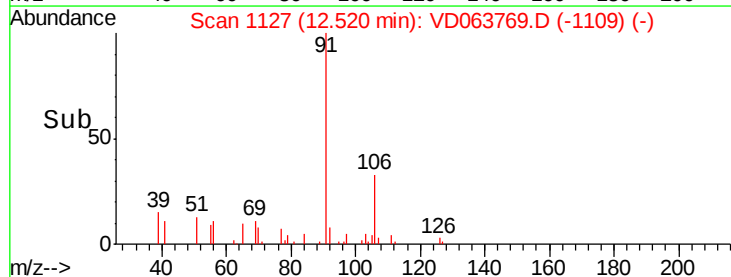
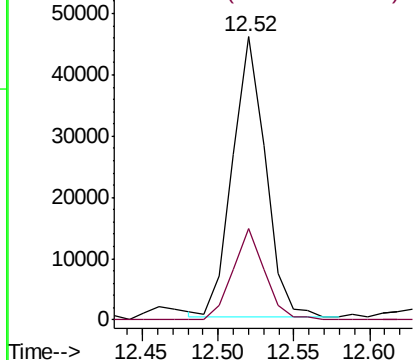


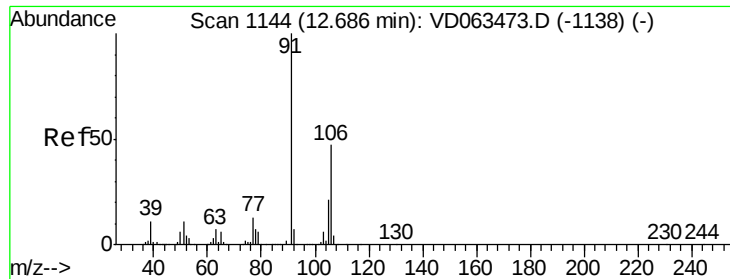
#67
Ethyl Benzene
Concen: 2.490 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.02 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	23.1	34.7



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





#68

m/p-Xvlenes

Concen: 8.501 ug/l

RT: 12.66 min Scan# 1141

Delta R.T. -0.03 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Instrument :

MSVOA_D

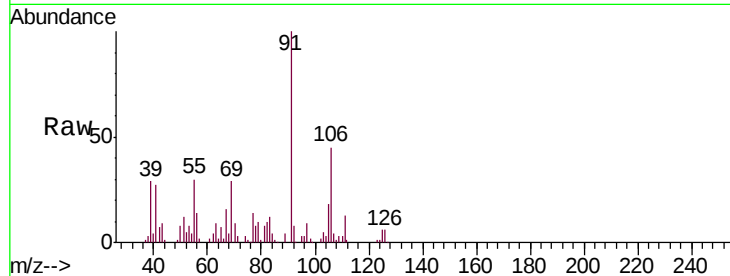
ClientSampleId :

Tot Ion:106 Resp: 82392

Ion Ratio Lower Upper

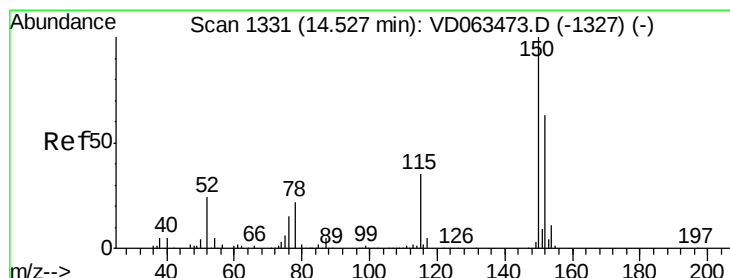
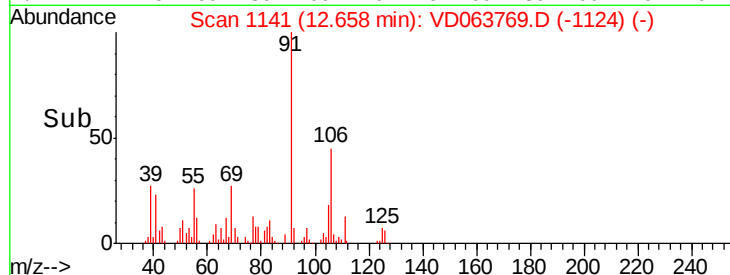
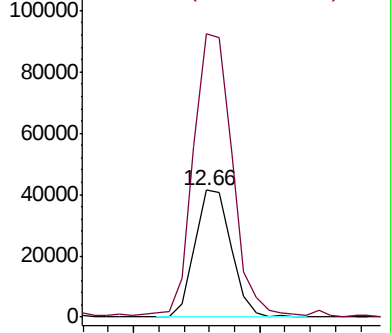
106 100

91 223.1 171.8 257.8



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

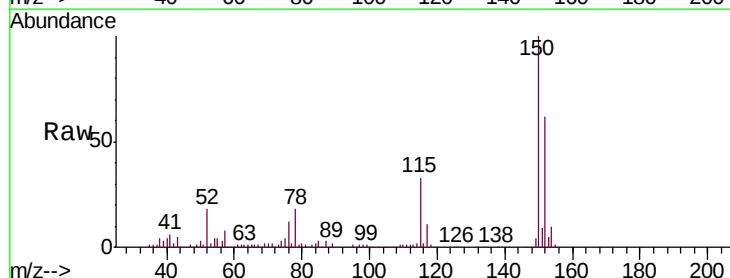
Tgt Ion:152 Resp: 316055

Ion Ratio Lower Upper

152 100

115 53.2 30.9 92.7

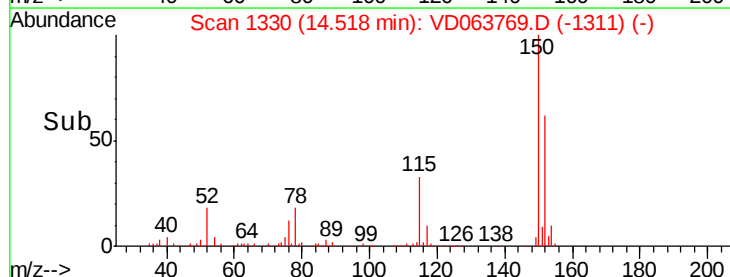
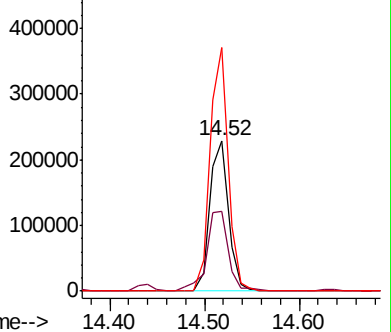
150 161.9 0.0 318.6

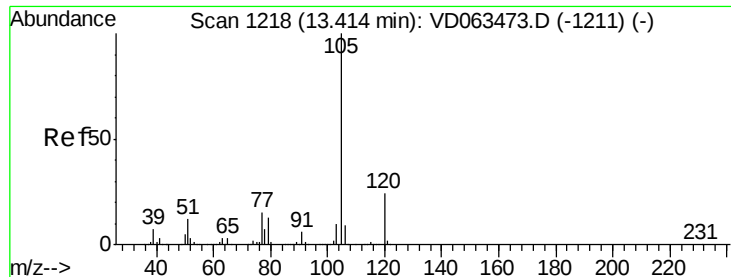


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.693 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Instrument :

MSVOA_D

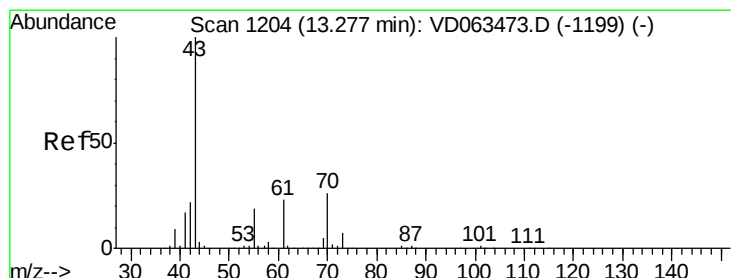
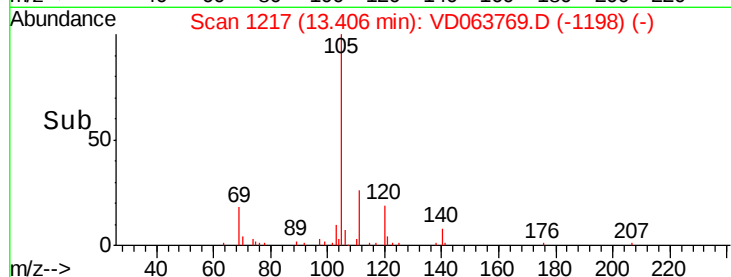
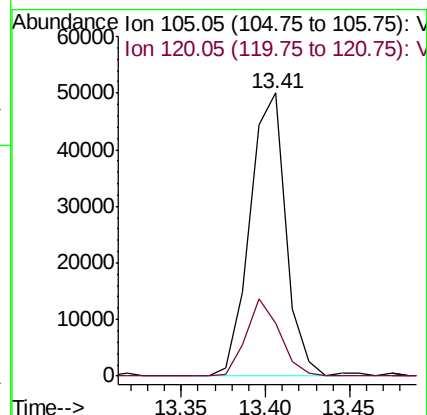
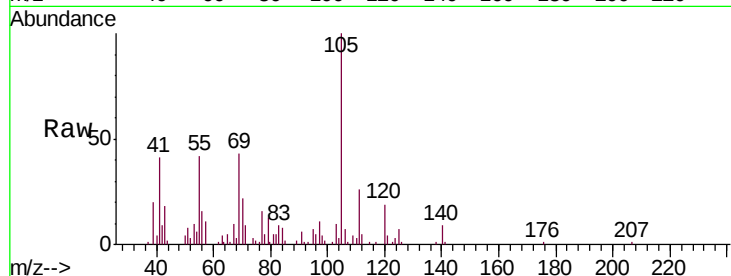
ClientSampled :

Tot Ion:105 Resp: 74230

Ion Ratio Lower Upper

105 100

120 18.6 11.9 35.9



#74

N-ethyl acetate

Concen: 30.573 ug/l

RT: 13.33 min Scan# 1209

Delta R.T. 0.05 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Tgt Ion: 43 Resp: 154284

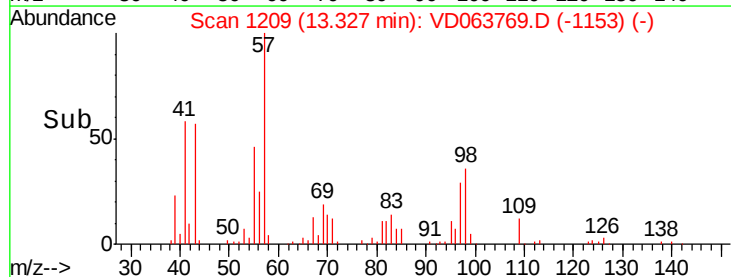
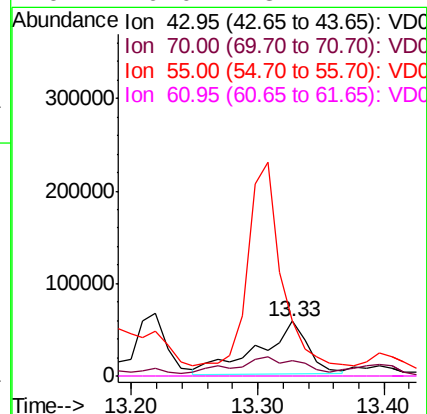
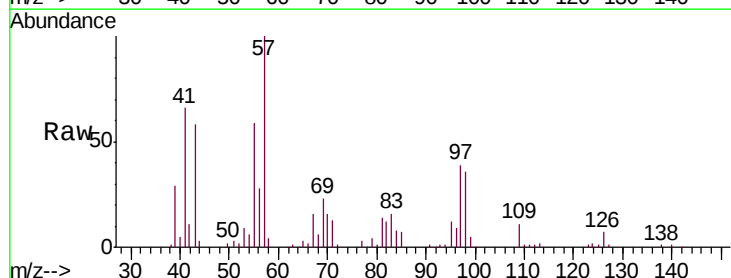
Ion Ratio Lower Upper

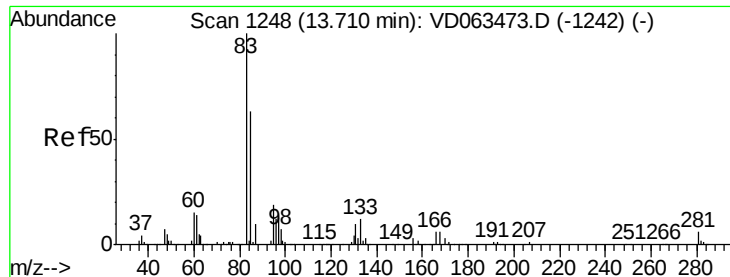
43 100

70 27.4 21.1 31.7

55 101.1 15.4 23.0#

61 0.0 18.2 27.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.441 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.16 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

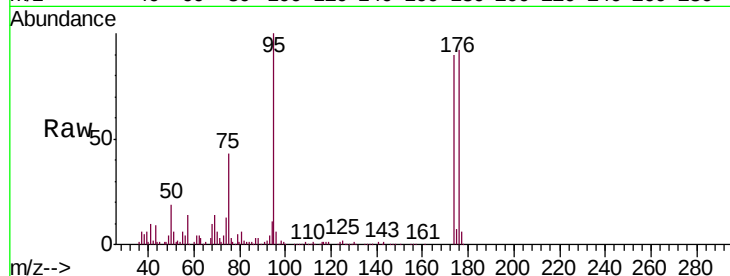
Tot Ion: 83 Resp: 4807

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

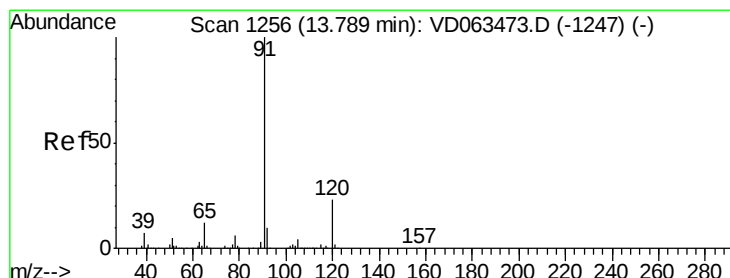
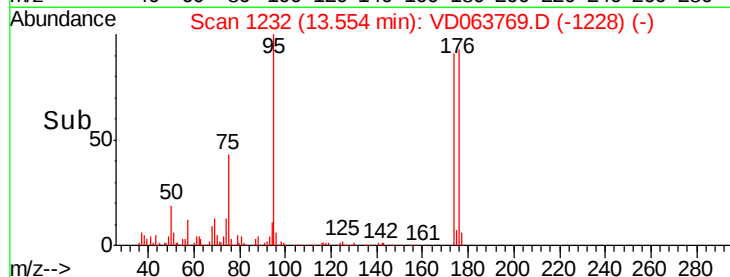
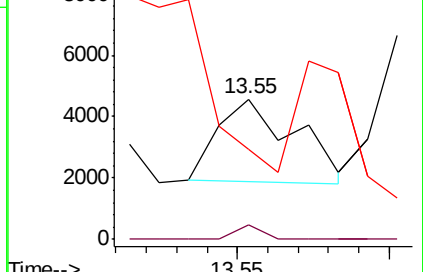
85 64.5 31.4 94.3



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#78

n-propylbenzene

Concen: 8.736 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VD063769.D

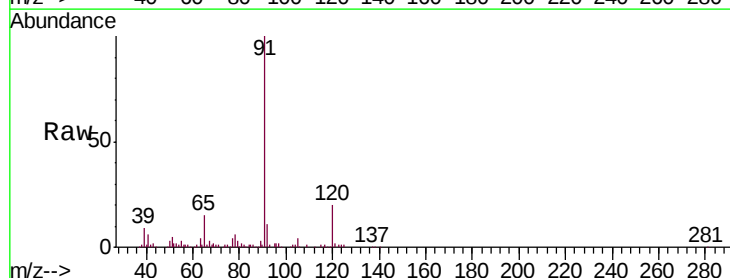
Acq: 23 Aug 2019 16:33

Tgt Ion: 91 Resp: 205488

Ion Ratio Lower Upper

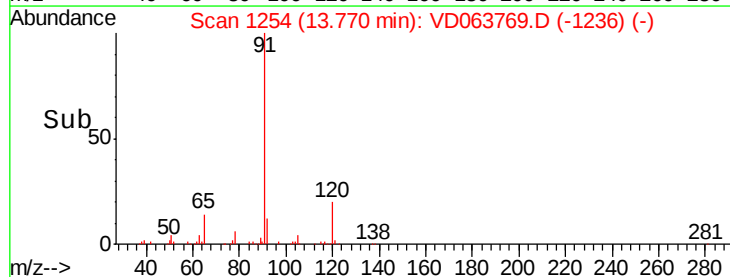
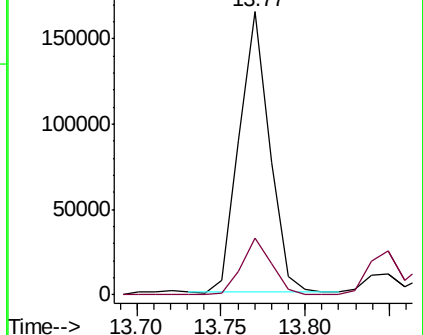
91 100

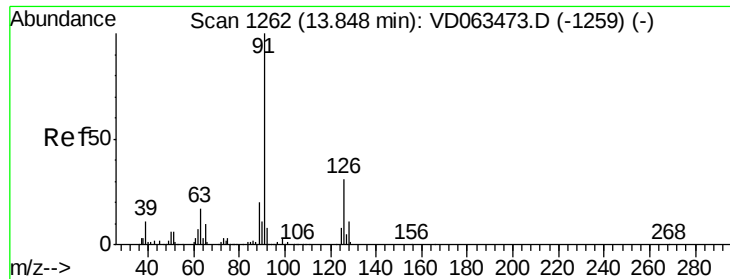
120 20.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC





#79

2-Chlorotoluene

Concen: 1.199 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Instrument :

MSVOA_D

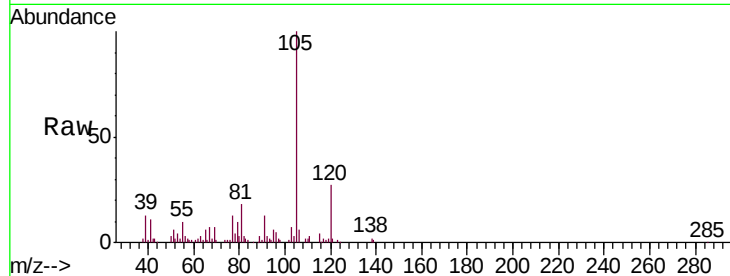
ClientSampleId :

Tot Ion: 91 Resp: 16256

Ion Ratio Lower Upper

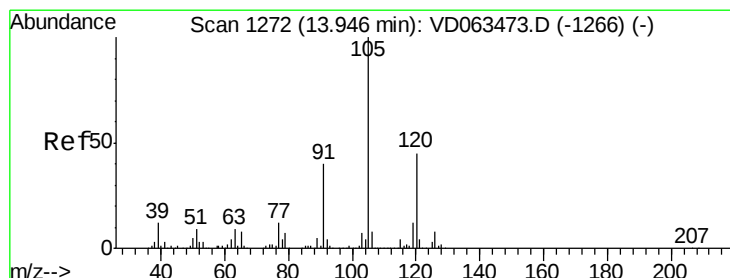
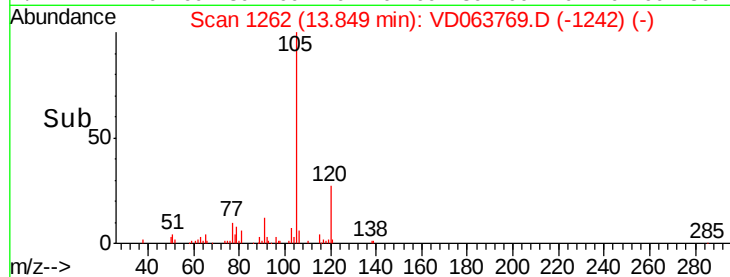
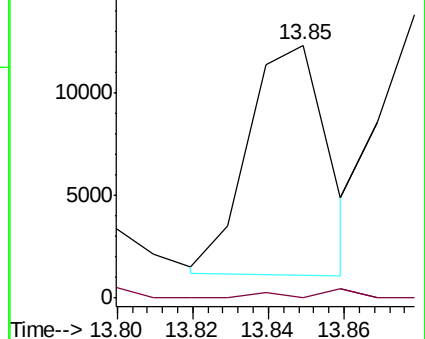
91 100

126 0.0 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 38.827 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.02 min

Lab File: VD063769.D

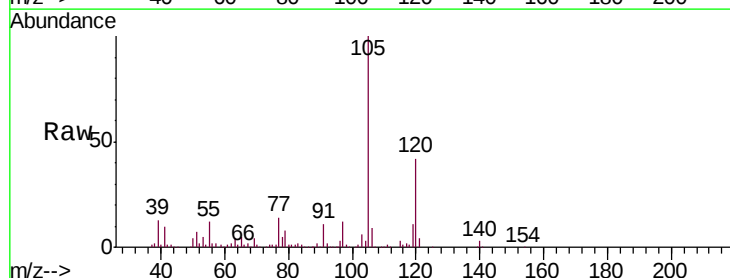
Acq: 23 Aug 2019 16:33

Tgt Ion: 105 Resp: 681978

Ion Ratio Lower Upper

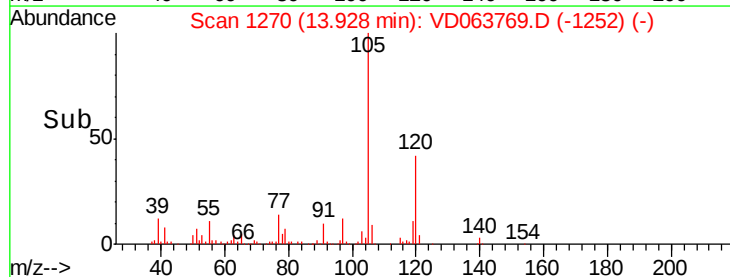
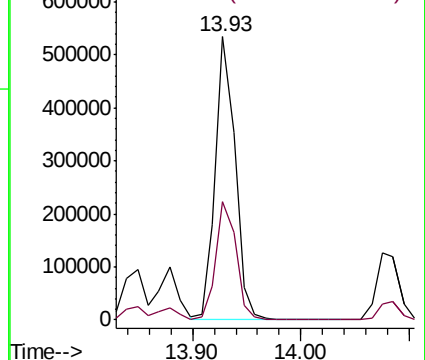
105 100

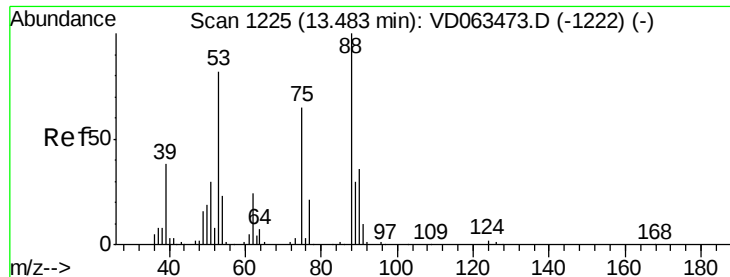
120 41.7 22.8 68.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 201.900 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063769.D

Acq: 23 Aug 2019 16:33

Instrument :

MSVOA_D

ClientSampleId :

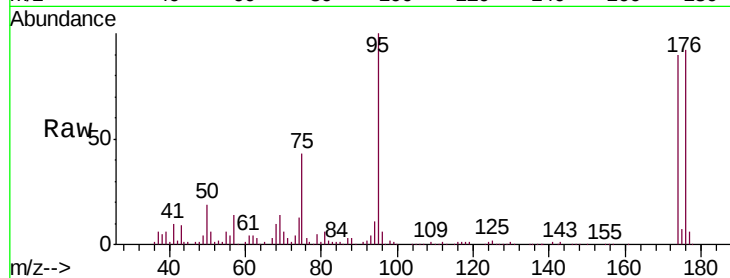
Tot Ion: 75 Resp: 196835

Ion Ratio Lower Upper

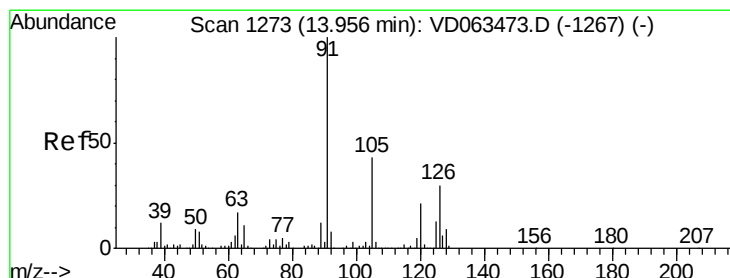
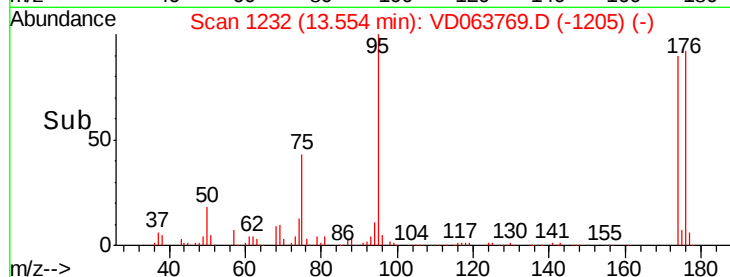
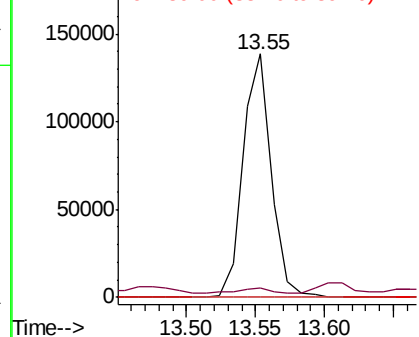
75 100

53 4.0 101.0 151.4#

89 0.3 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 4.620 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.03 min

Lab File: VD063769.D

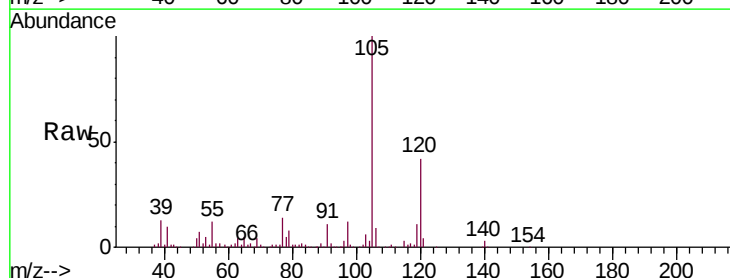
Acq: 23 Aug 2019 16:33

Tgt Ion: 91 Resp: 75347

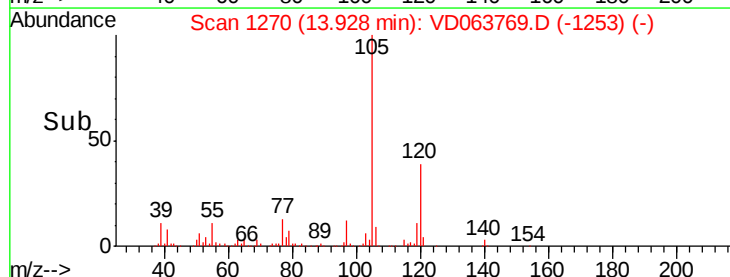
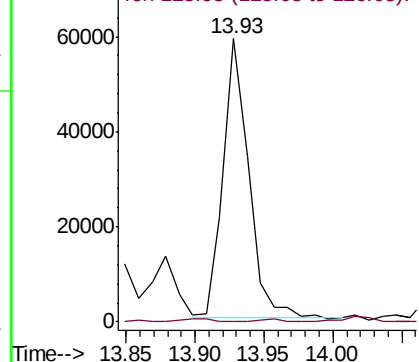
Ion Ratio Lower Upper

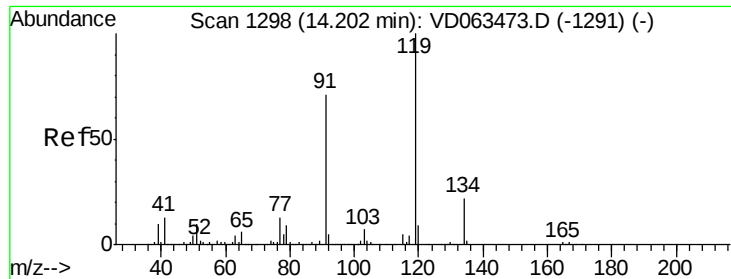
91 100

126 0.0 15.2 45.6#



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

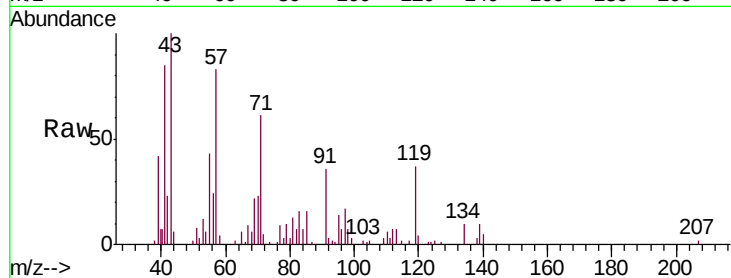




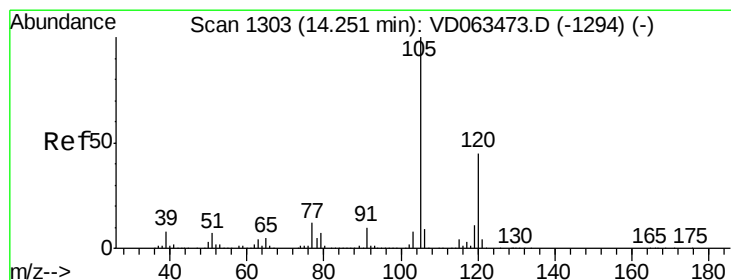
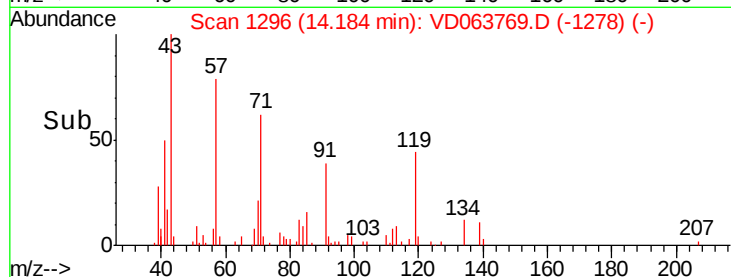
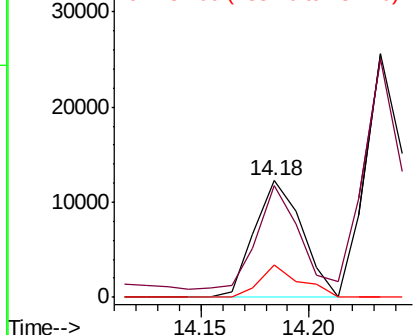
#83
 tert-Butylbenzene
 Concen: 1.012 ug/l
 RT: 14.18 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: VD063769.D
 Acq: 23 Aug 2019 16:33

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:119 Resp: 18717
 Ion Ratio Lower Upper
 119 100
 91 96.2 35.5 106.7
 134 28.0 11.1 33.1

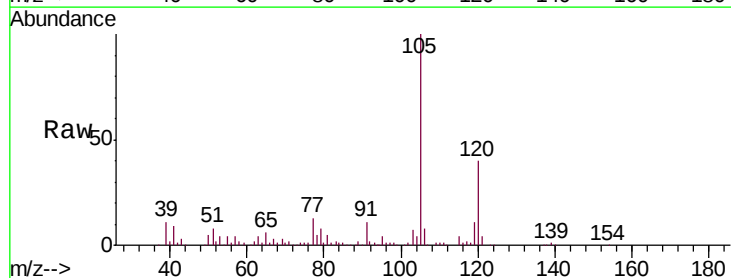


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

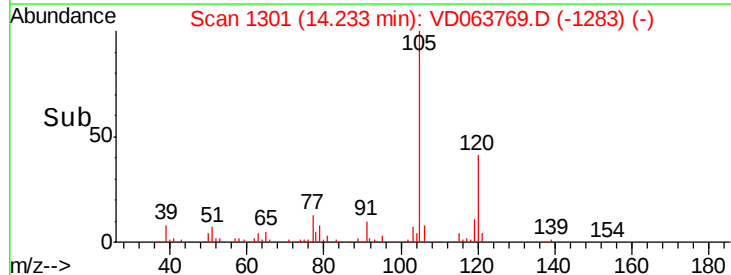
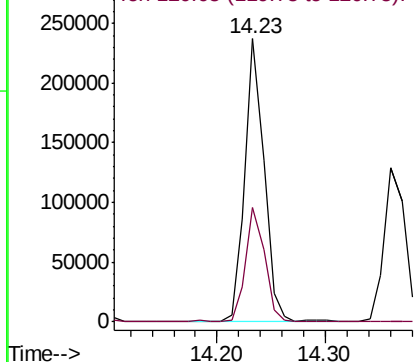


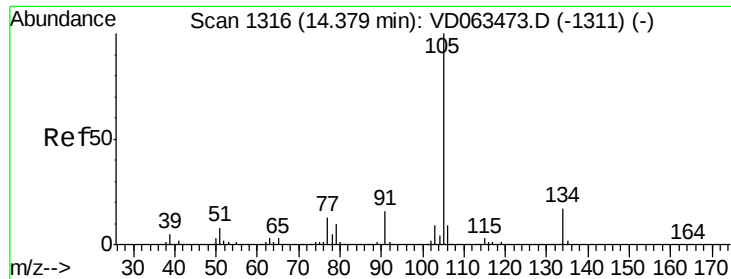
#84
 1,2,4-Trimethylbenzene
 Concen: 18.089 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: VD063769.D
 Acq: 23 Aug 2019 16:33

Tgt Ion:105 Resp: 293981
 Ion Ratio Lower Upper
 105 100
 120 40.3 22.7 68.1



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

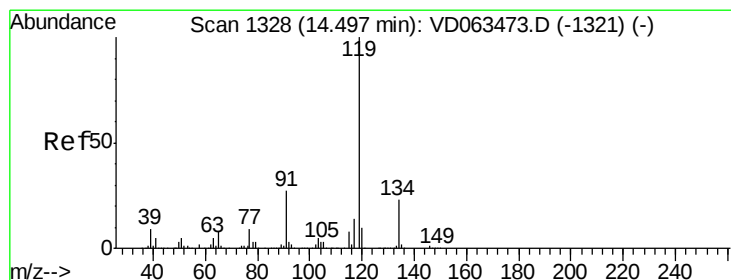
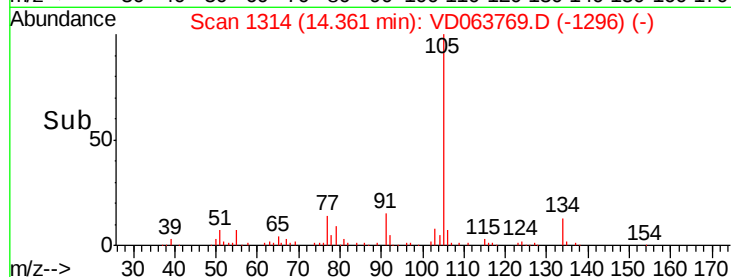
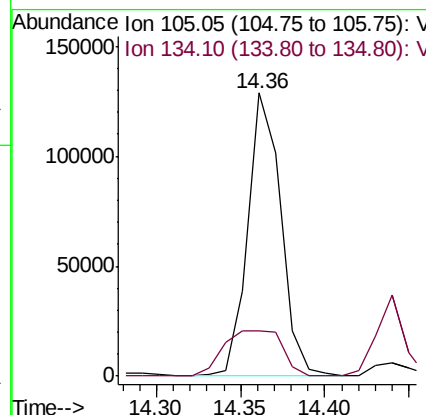
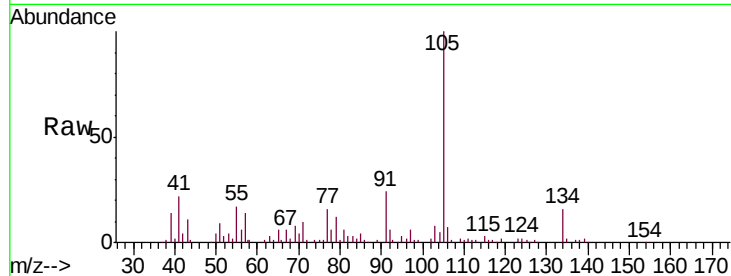




#85
 sec-Butylbenzene
 Concen: 8.934 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VD063769.D
 Acq: 23 Aug 2019 16:33

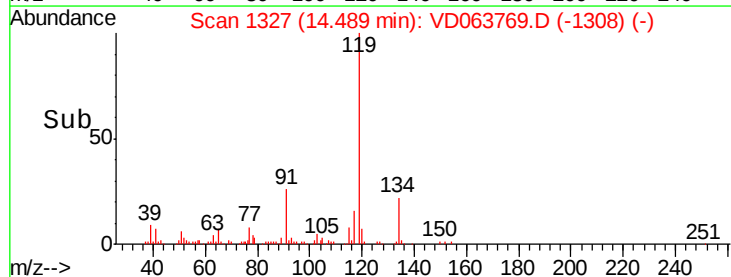
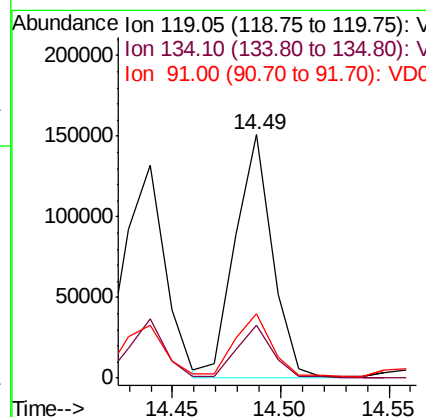
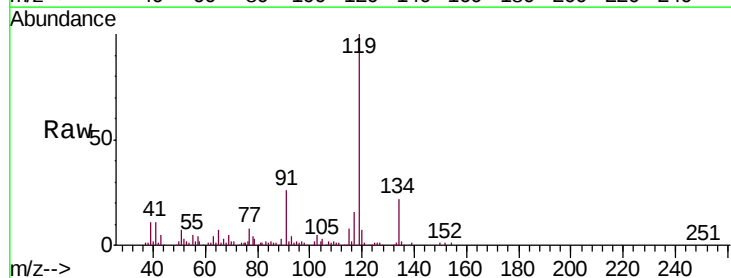
Instrument :
 MSVOA_D
 ClientSampled :

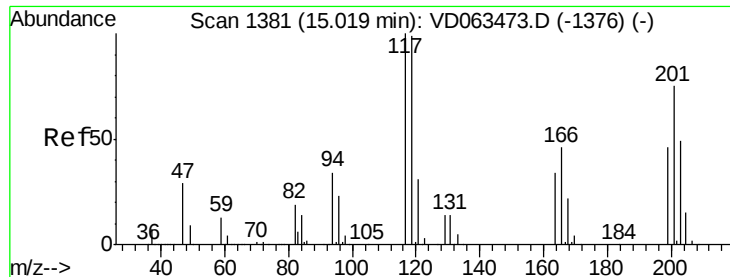
Tot Ion:105 Resp: 175477
 Ion Ratio Lower Upper
 105 100
 134 16.0 8.3 24.8



#86
 p-Isopropyltoluene
 Concen: 9.601 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: VD063769.D
 Acq: 23 Aug 2019 16:33

Tgt Ion:119 Resp: 180318
 Ion Ratio Lower Upper
 119 100
 134 22.0 11.3 33.8
 91 26.2 13.5 40.4

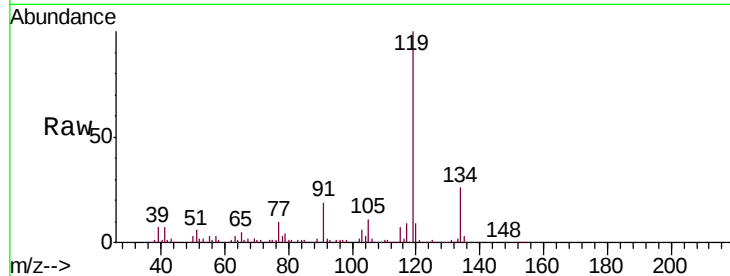




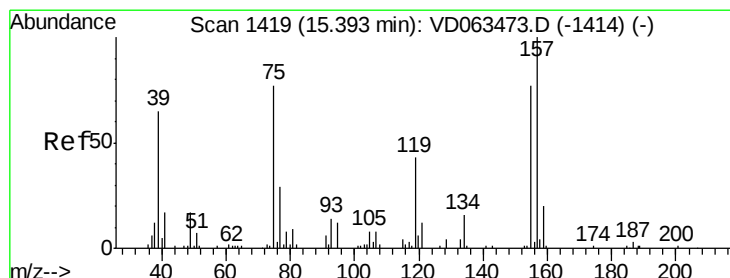
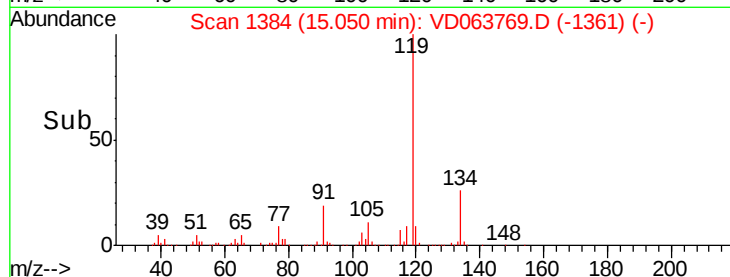
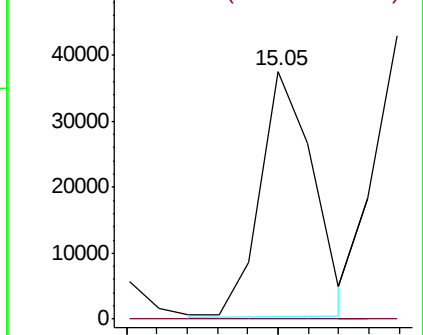
#90
Hexachloroethane
Concen: 9.561 ug/l
RT: 15.05 min Scan# 1384
Delta R.T. 0.03 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 45132
Ion Ratio Lower Upper
117 100
201 0.0 37.5 112.5#

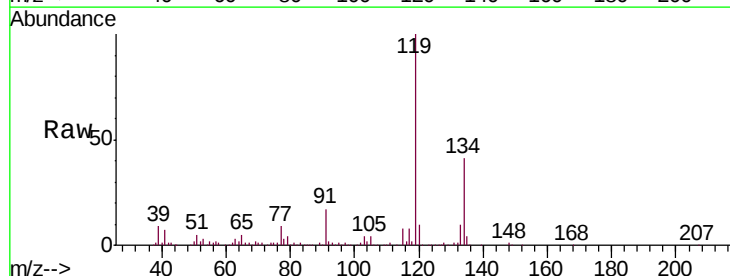


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V

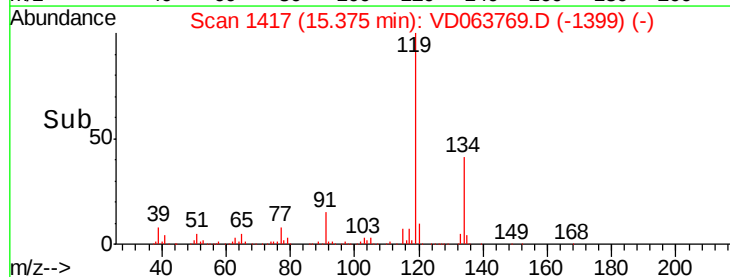
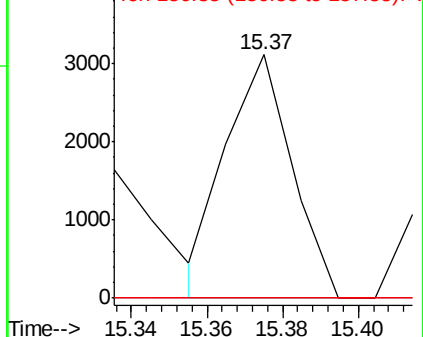


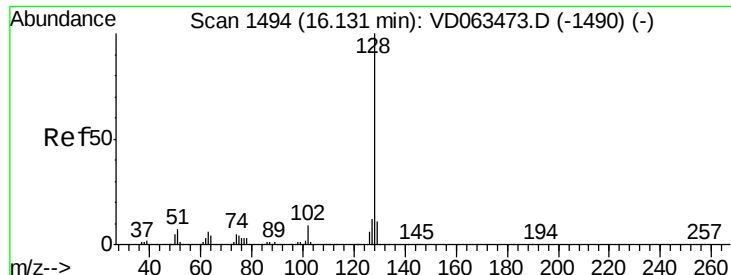
#92
1,2-Dibromo-3-Chloropropane
Concen: 5.970 ug/l
RT: 15.37 min Scan# 1417
Delta R.T. -0.02 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Tgt Ion: 75 Resp: 3751
Ion Ratio Lower Upper
75 100
155 0.0 50.1 150.3#
157 0.0 65.0 195.1#



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 154.90 (154.60 to 155.60): V
Ion 156.85 (156.55 to 157.55): V





#95
Naphthalene
Concen: 12.829 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD063769.D
Acq: 23 Aug 2019 16:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	9.4	14.0
129	10.5	8.5	12.7

