

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082219\
 Data File : VD063743.D
 Acq On : 22 Aug 2019 19:42
 Operator : JC/SY
 Sample : K4452-02
 Misc : 5.10g/5ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-WALL

Quant Time: Aug 23 07:00:49 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	7.05	168	622497	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1038521	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	805402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	298482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	496612	74.63	ug/l	0.00
Spiked Amount			Recovery	=	149.26%	
35) Dibromofluoromethane	6.93	113	578159	66.10	ug/l	0.00
Spiked Amount			Recovery	=	132.20%	
50) Toluene-d8	10.41	98	1312728	68.27	ug/l	0.00
Spiked Amount			Recovery	=	136.54%	
62) 4-Bromofluorobenzene	13.55	95	447949	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.03	56	1253	4.395	ug/l #	70
15) Acrylonitrile	4.23	53	3856	5.026	ug/l #	46
16) Acetone	3.22	43	42015	31.062	ug/l	98
18) Methyl Acetate	3.66	43	5312	2.073	ug/l #	57
20) Methylene Chloride	3.81	84	9771	1.671	ug/l	92
25) 2-Butanone	6.09	43	8121	6.079	ug/l #	87
29) Tetrahydrofuran	6.66	42	1009	1.621	ug/l #	1
31) Cyclohexane	6.97	56	65080	10.832	ug/l #	66
36) 1,1-Dichloropropene	7.05	75	46983	5.118	ug/l #	50
38) Carbon Tetrachloride	7.05	117	58051	4.195	ug/l #	16
39) Methylcyclohexane	8.87	83	577524	73.978	ug/l	96
43) Isopropyl Acetate	9.28	43	83879	16.280	ug/l #	48
48) Methyl methacrylate	9.15	41	33965	9.720	ug/l #	87
51) 4-Methyl-2-Pentanone	10.40	43	77970	22.115	ug/l #	67
55) 1,1,2-Trichloroethane	11.10	97	488406	111.109	ug/l #	20
56) Ethyl methacrylate	11.10	69	111801	23.433	ug/l #	1
59) 2-Hexanone	11.49	43	233249	90.923	ug/l #	35
67) Ethyl Benzene	12.52	91	120208	4.580	ug/l	89
68) m/p-Xylenes	12.67	106	128333	13.917	ug/l	95
69) o-Xylene	13.05	106	12075	1.361	ug/l	32
73) Isopropylbenzene	13.41	105	102927	5.421	ug/l	96
74) N-amyl acetate	13.22	43	105646	22.167	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	13.56	83	7483	2.375	ug/l	73
76) 1,2,3-Trichloropropane	13.88	75	4612	1.346	ug/l #	1
78) n-propylbenzene	13.77	91	295624	13.308	ug/l	94
79) 2-Chlorotoluene	13.85	91	27189	2.123	ug/l #	47
80) 1,3,5-Trimethylbenzene	13.94	105	977868	58.950	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.55	75	181983	197.656	ug/l #	3
82) 4-Chlorotoluene	13.94	91	110361	7.166	ug/l #	44
83) tert-Butylbenzene	14.19	119	26441	1.514	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	482634	31.445	ug/l	94
85) sec-Butylbenzene	14.37	105	236906	12.771	ug/l	97
86) p-Isopropyltoluene	14.49	119	211512	11.925	ug/l	98
89) n-Butylbenzene	14.77	91	222565	13.749	ug/l #	1

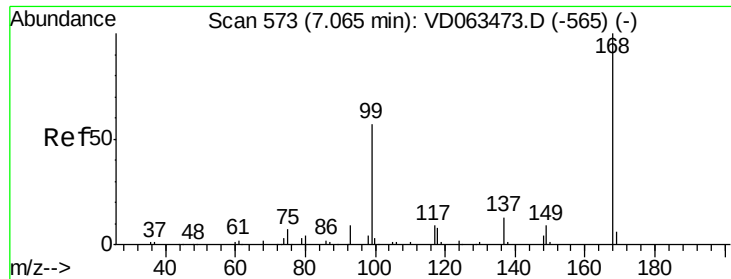
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082219\
Data File : VD063743.D
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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.98	117	24794	5.562	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	15.38	75	3911	6.591	ug/l #	1
95) Naphthalene	16.12	128	176794	19.910	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

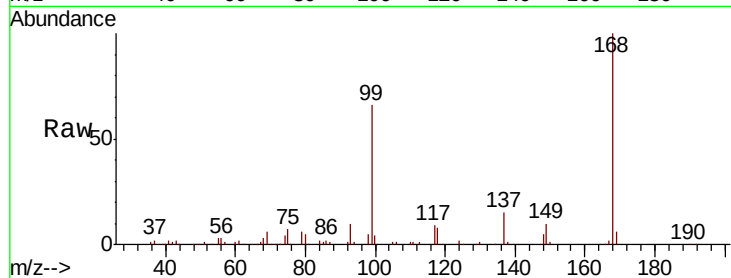
S-WALL

Tgt Ion:168 Resp: 622497

Ion Ratio Lower Upper

168 100

99 66.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

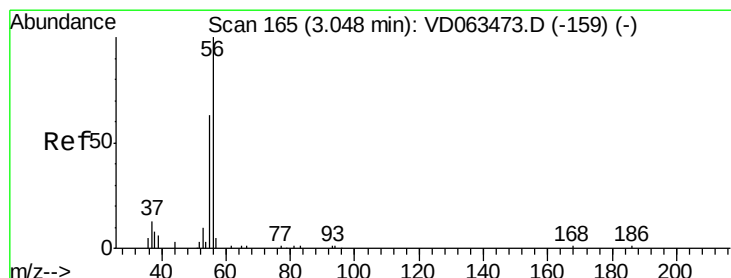
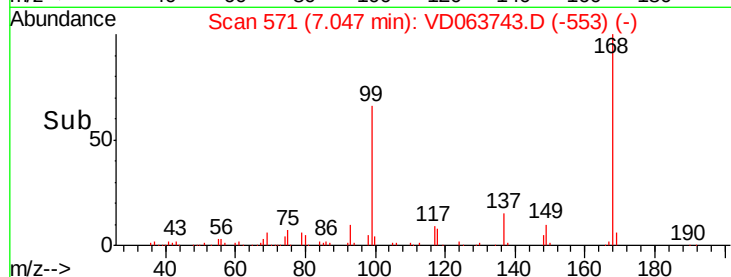
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 4.395 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD063743.D

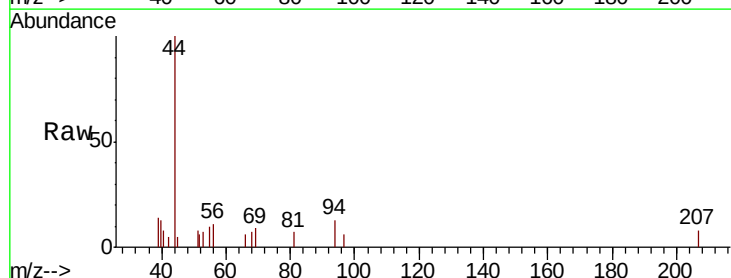
Acq: 22 Aug 2019 19:42

Tgt Ion: 56 Resp: 1253

Ion Ratio Lower Upper

56 100

55 87.4 51.3 76.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2000

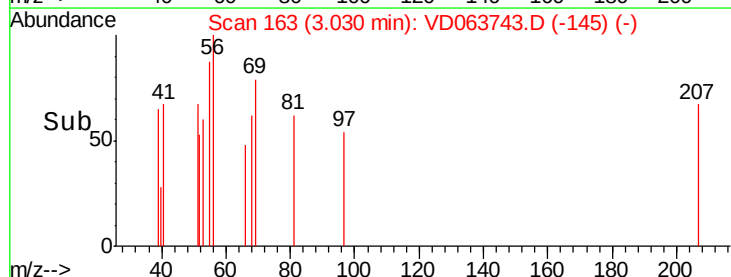
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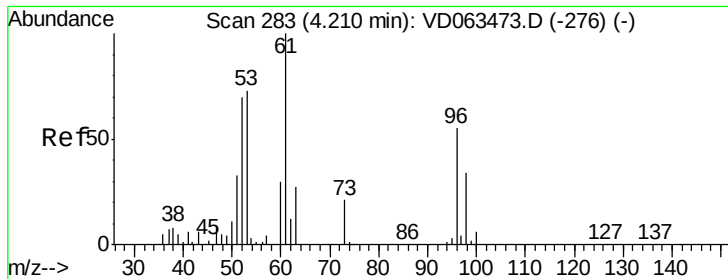
1000

500

0

Time-->





#15

Acrylonitrile

Concen: 5.026 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.02 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

S-WALL

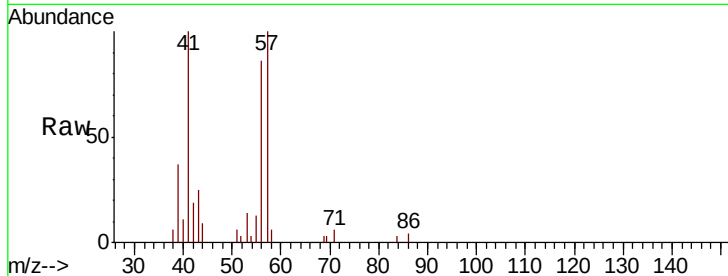
Tgt Ion: 53 Resp: 3856

Ion Ratio Lower Upper

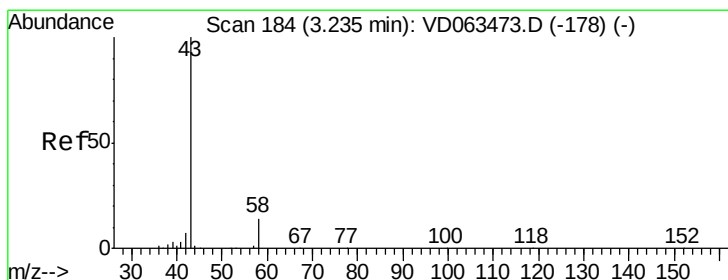
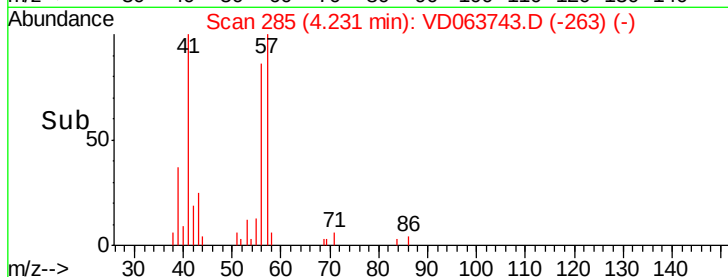
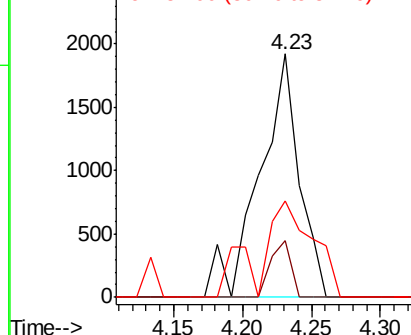
53 100

52 23.1 77.4 116.0#

51 39.9 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: 31.062 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063743.D

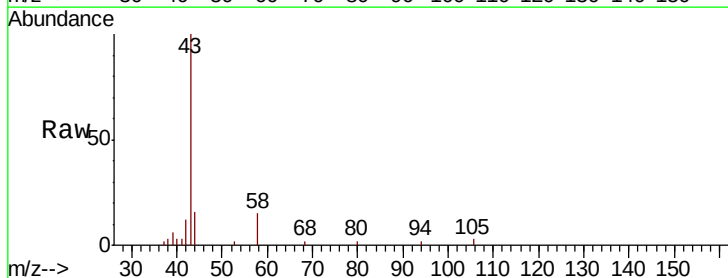
Acq: 22 Aug 2019 19:42

Tgt Ion: 43 Resp: 42015

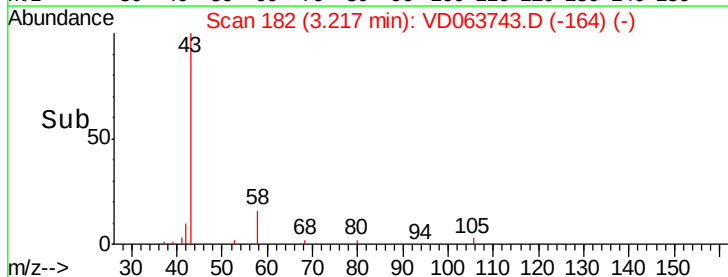
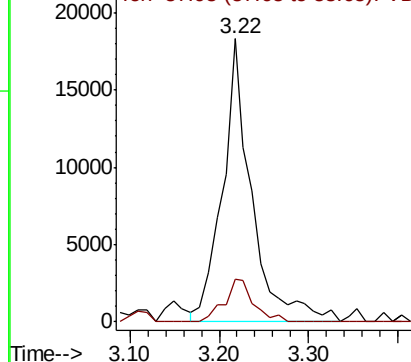
Ion Ratio Lower Upper

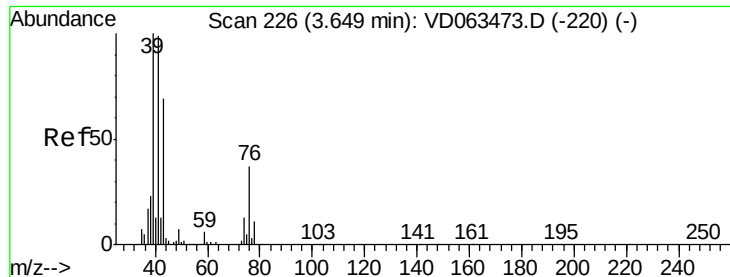
43 100

58 15.2 11.4 17.2



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

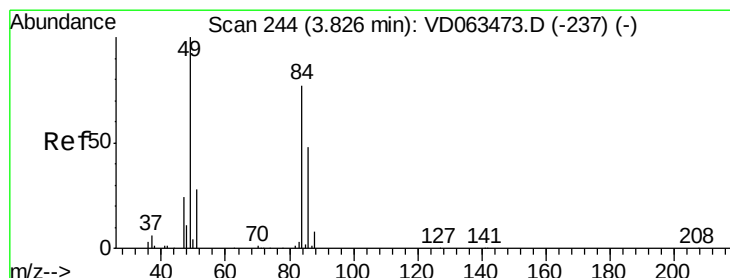
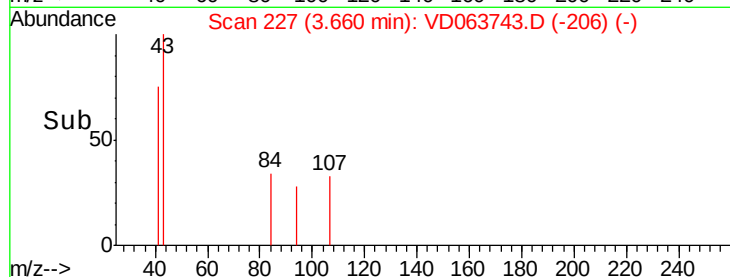
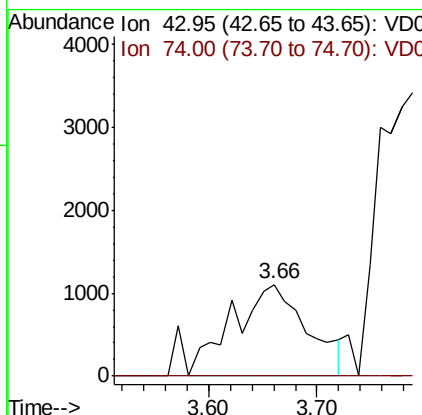
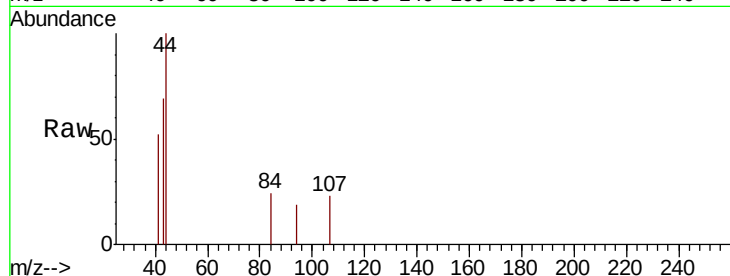




#18
Methyl Acetate
Concen: 2.073 ug/l
RT: 3.66 min Scan# 227
Delta R.T. 0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

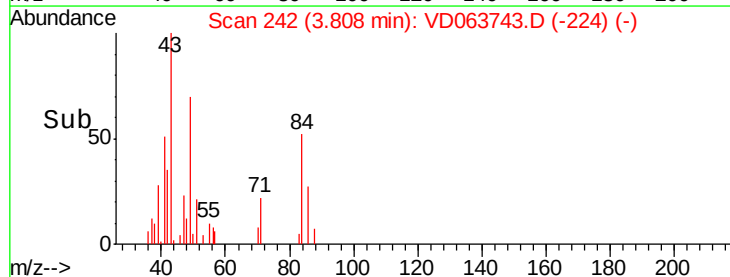
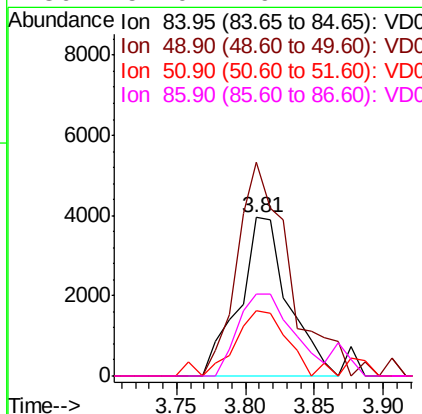
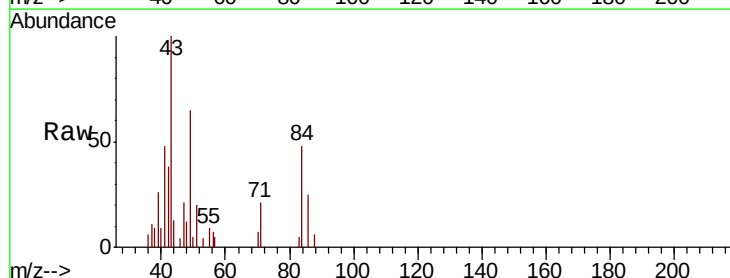
Instrument :
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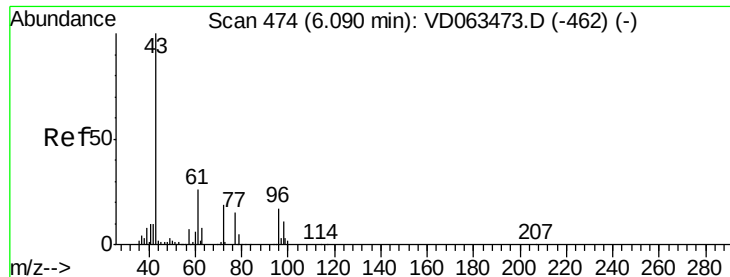
Tgt Ion: 43 Resp: 5312
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#20
Methylene Chloride
Concen: 1.671 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Tgt Ion: 84 Resp: 9771
Ion Ratio Lower Upper
84 100
49 134.8 103.4 155.2
51 41.0 28.5 42.7
86 52.0 49.4 74.2

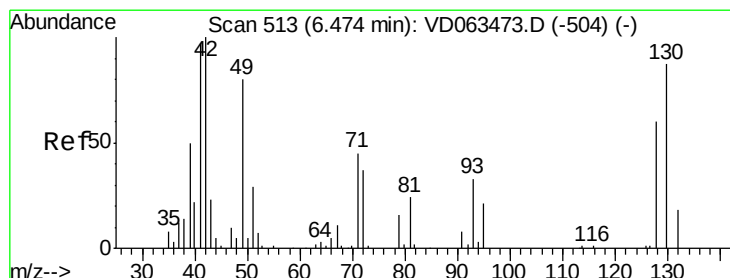
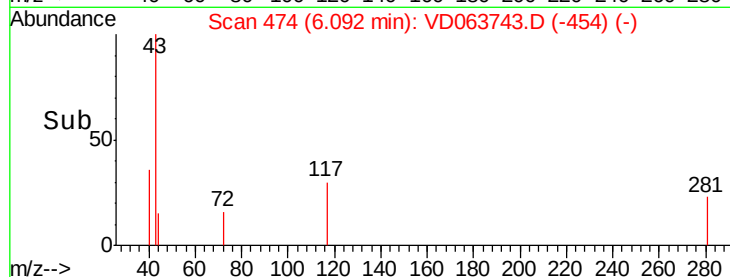
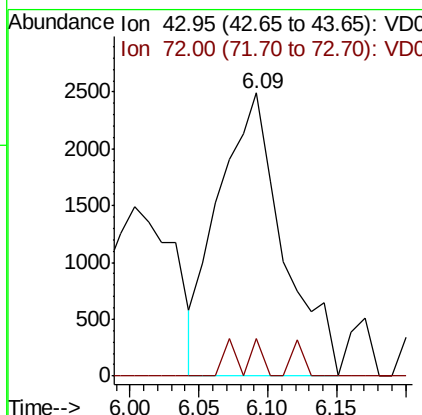
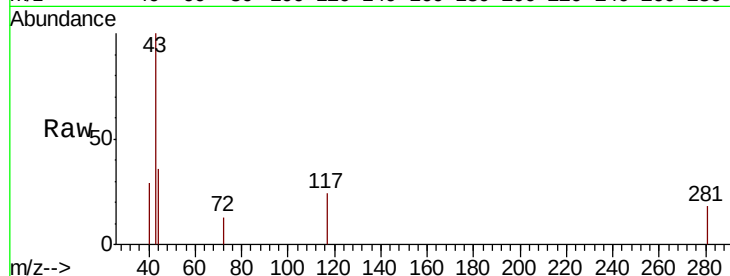




#25
2-Butanone
Concen: 6.079 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

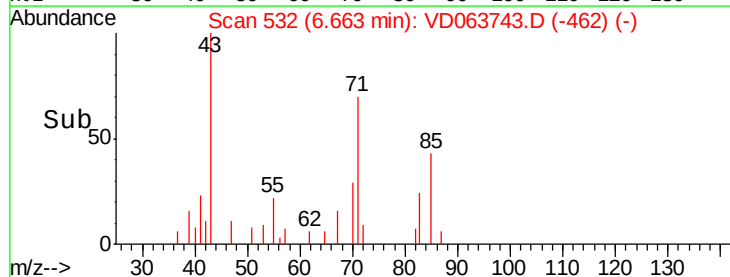
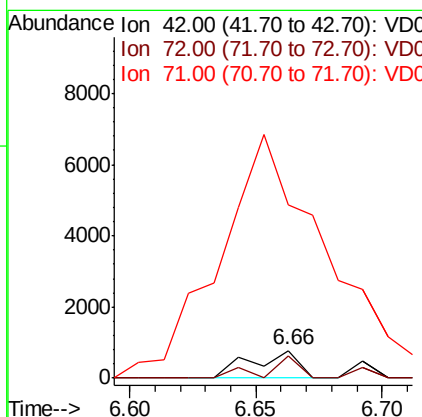
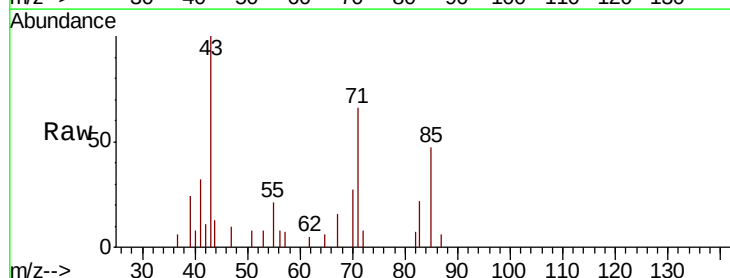
Instrument :
MSVOA_D
ClientSampleId :
S-WALL

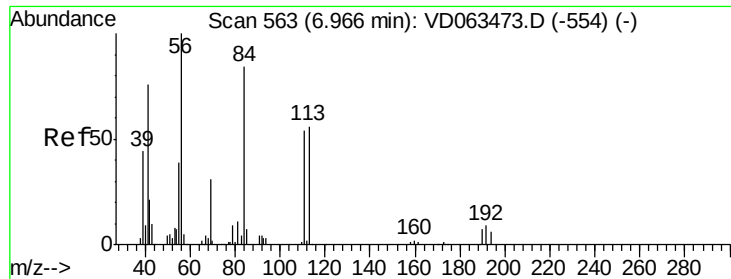
Tgt Ion: 43 Resp: 8121
Ion Ratio Lower Upper
43 100
72 13.1 15.1 22.7#



#29
Tetrahydrofuran
Concen: 1.621 ug/l
RT: 6.66 min Scan# 532
Delta R.T. 0.19 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Tgt Ion: 42 Resp: 1009
Ion Ratio Lower Upper
42 100
72 54.0 31.5 47.3#
71 2018.3 33.8 50.8#

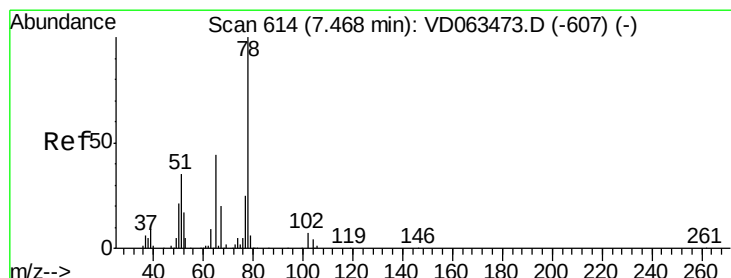
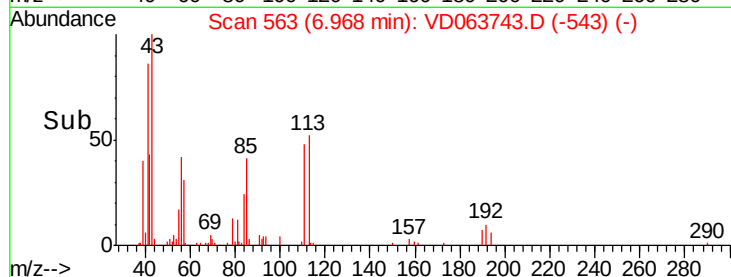
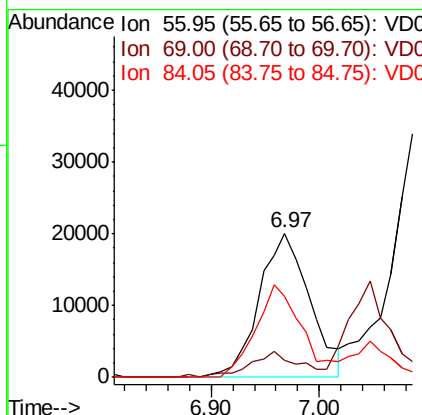
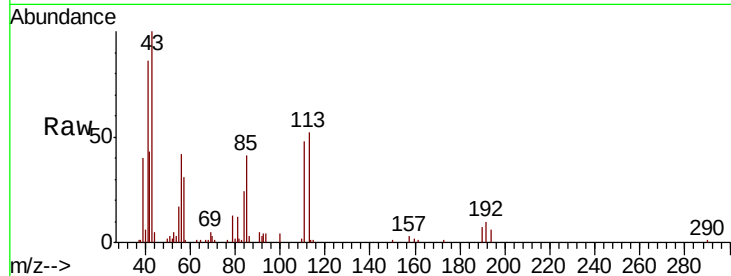




#31
Cyclohexane
Concen: 10.832 ug/l
RT: 6.97 min Scan# 563
Delta R.T. 0.00 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

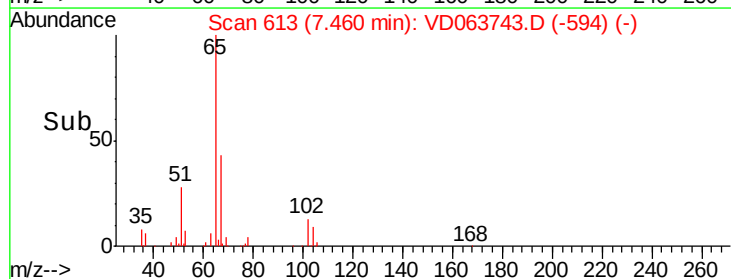
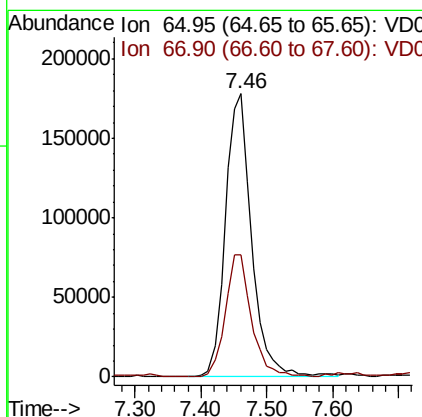
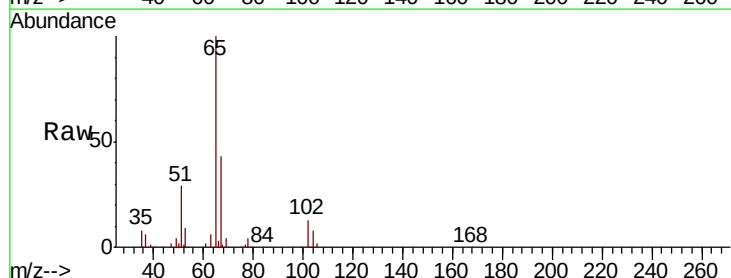
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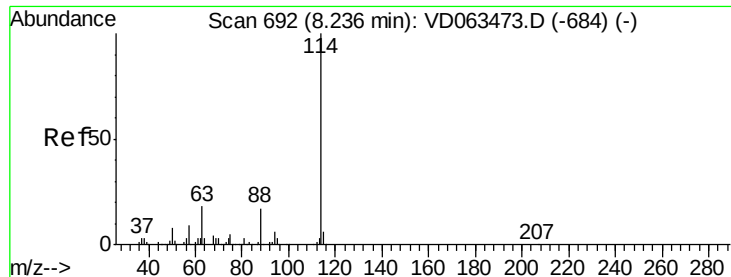
Tgt Ion: 56 Resp: 65080
Ion Ratio Lower Upper
56 100
69 12.3 25.0 37.6#
84 56.0 69.7 104.5#



#33
1,2-Dichloroethane-d4
Concen: 74.633 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Tgt Ion: 65 Resp: 496612
Ion Ratio Lower Upper
65 100
67 43.3 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

S-WALL

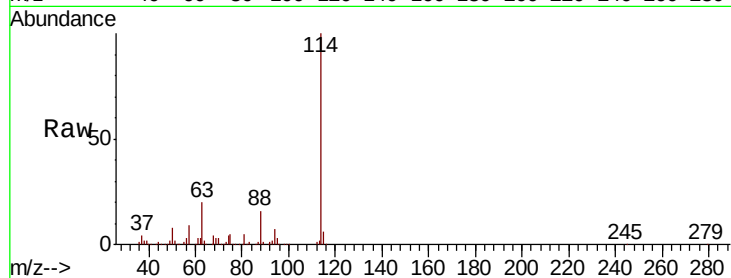
Tgt Ion:114 Resp: 1038521

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.2

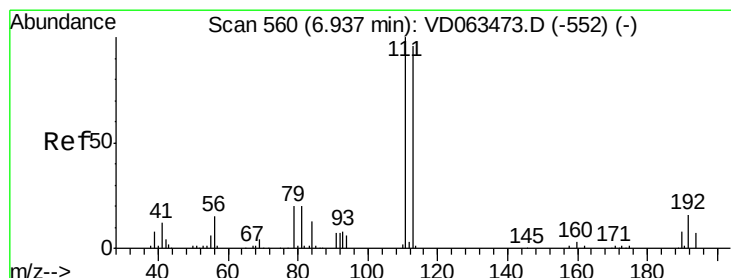
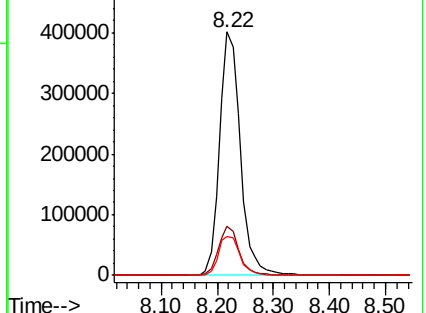
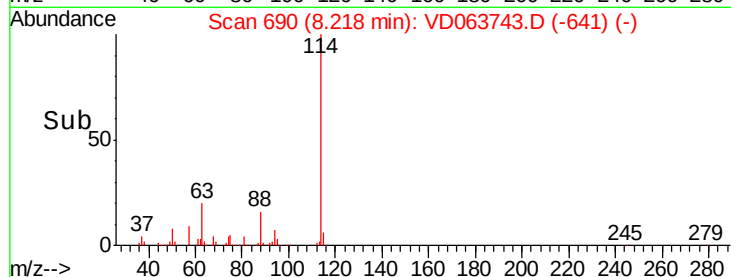
88 16.1 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 66.102 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

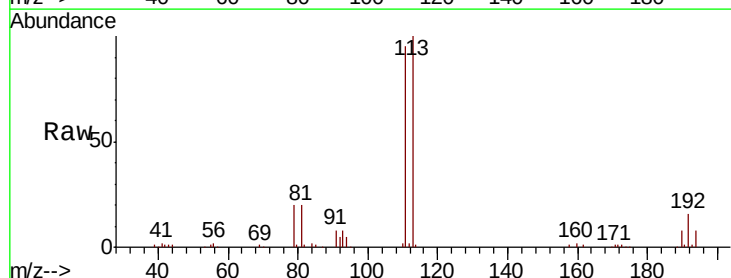
Tgt Ion:113 Resp: 578159

Ion Ratio Lower Upper

113 100

111 95.4 83.1 124.7

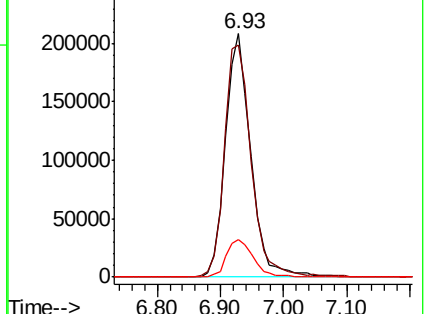
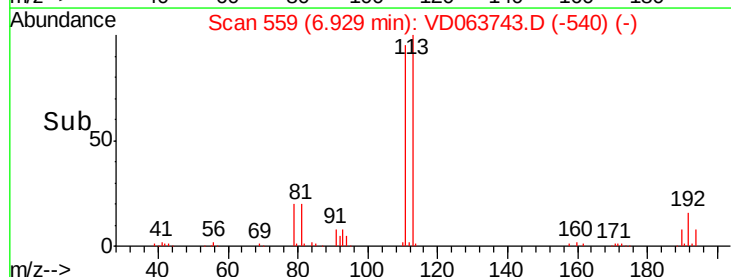
192 15.6 13.1 19.7

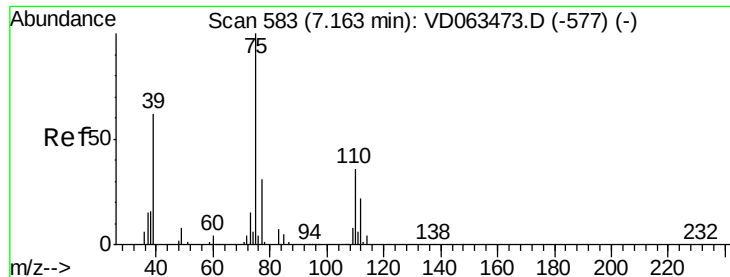


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

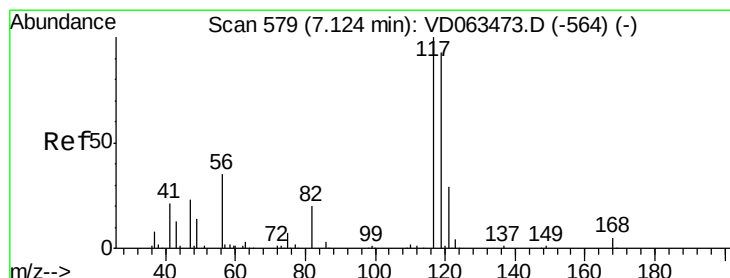
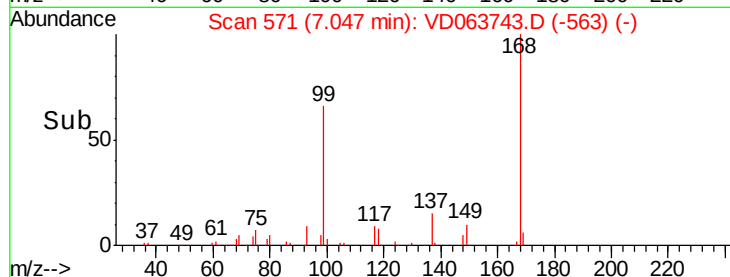
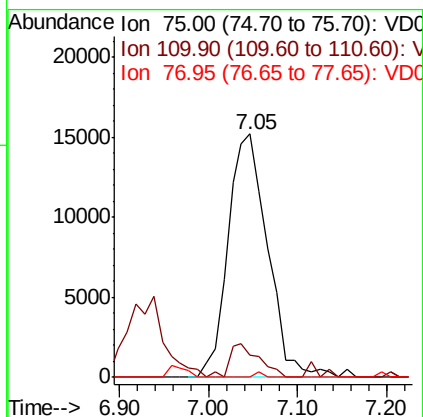
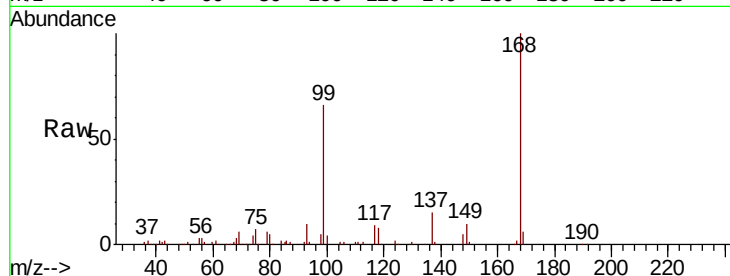




#36
 1,1-Dichloropropene
 Concen: 5.118 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.12 min
 Lab File: VD063743.D
 Acq: 22 Aug 2019 19:42

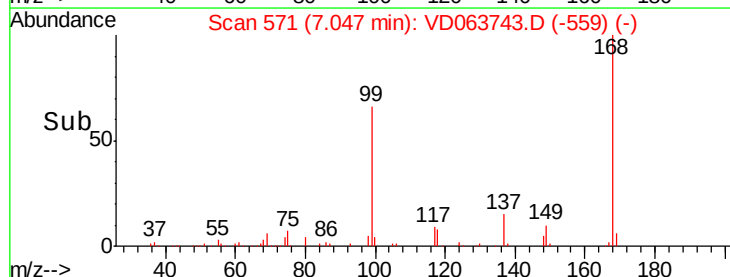
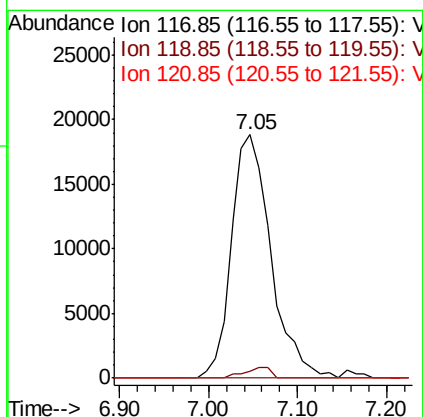
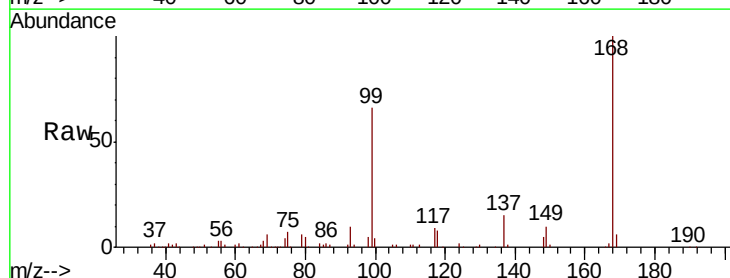
Instrument :
 MSVOA_D
 ClientSampleId :
 S-WALL

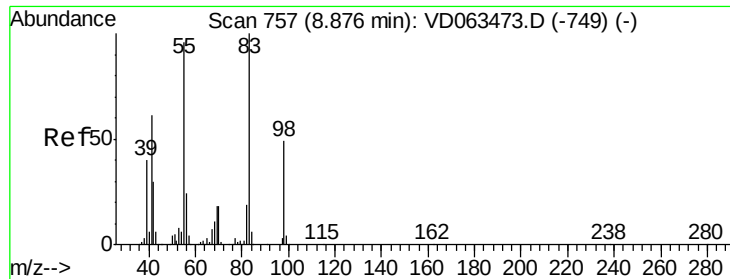
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.6	52.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 4.195 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD063743.D
 Acq: 22 Aug 2019 19:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	2.8	74.2	111.2#
121	0.0	23.1	34.7#

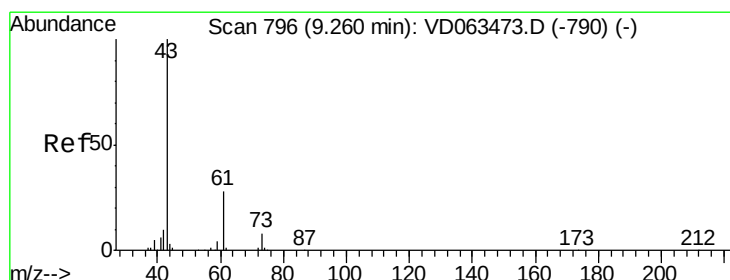
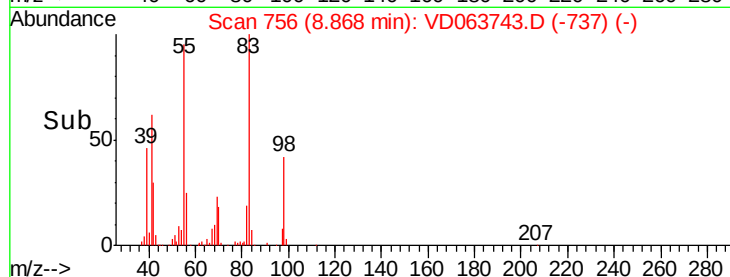
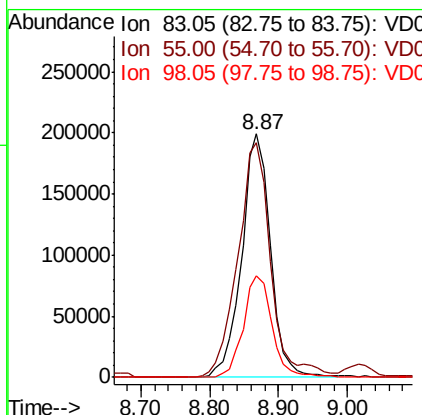
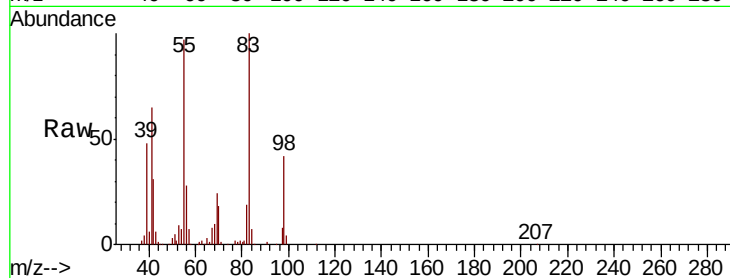




#39
Methylcyclohexane
Concen: 73.978 ug/l
RT: 8.87 min Scan# 756
Delta R.T. -0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

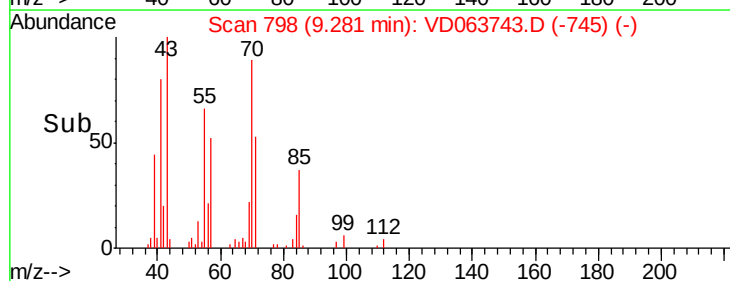
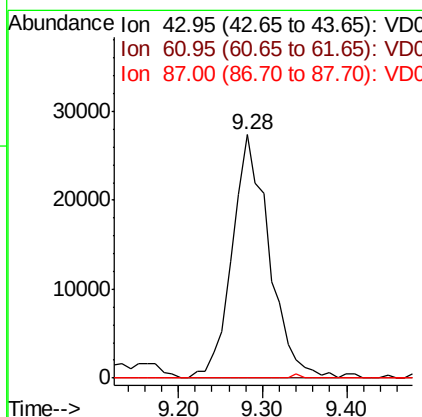
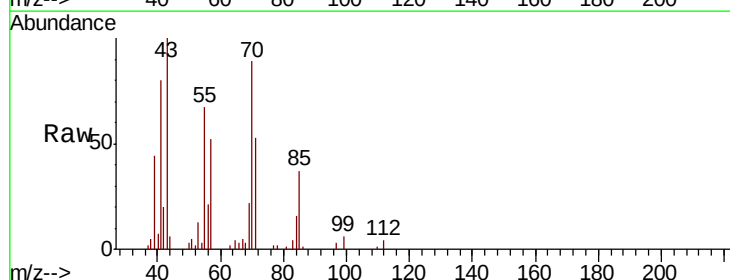
Instrument :
MSVOA_D
ClientSampleId :
S-WALL

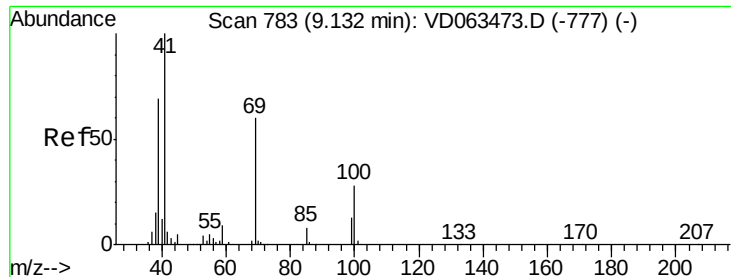
Tgt Ion: 83 Resp: 577524
Ion Ratio Lower Upper
83 100
55 96.5 76.6 114.8
98 41.9 39.4 59.0



#43
Isopropyl Acetate
Concen: 16.280 ug/l
RT: 9.28 min Scan# 798
Delta R.T. 0.02 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Tgt Ion: 43 Resp: 83879
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.2#
87 0.0 0.2 0.4#

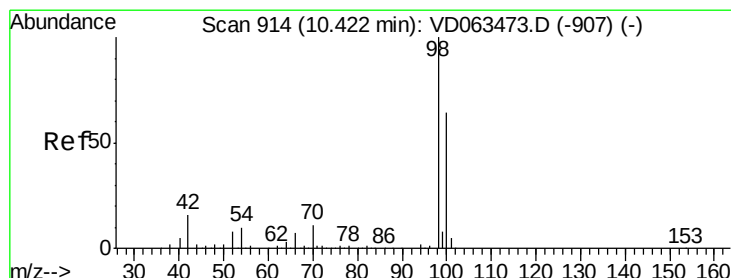
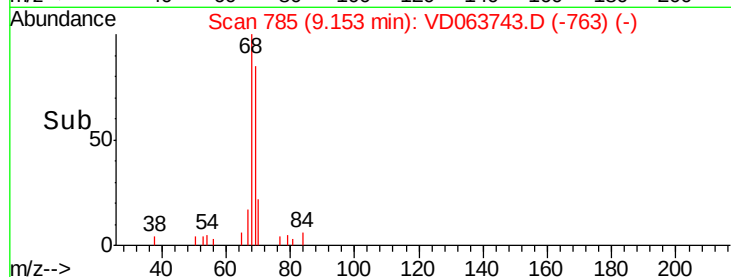
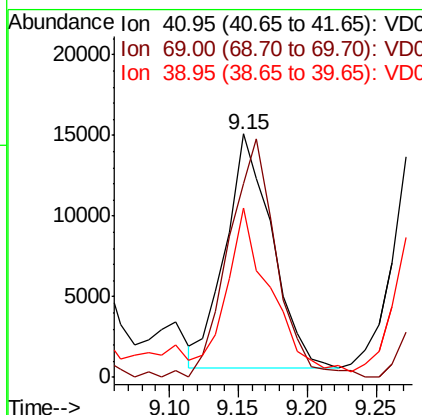
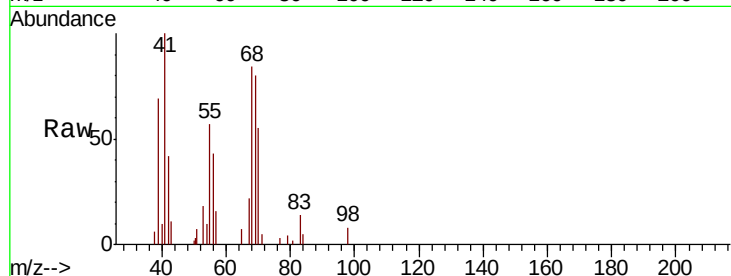




#48
Methyl methacrylate
Concen: 9.720 ug/l
RT: 9.15 min Scan# 785
Delta R.T. 0.02 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

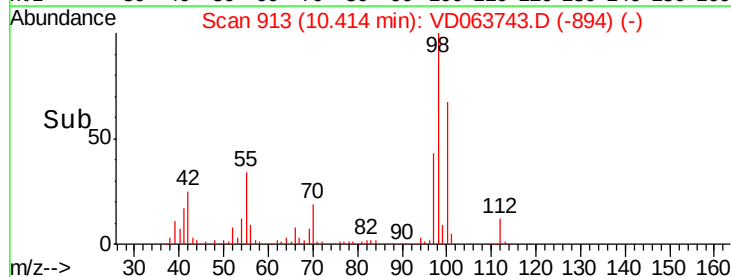
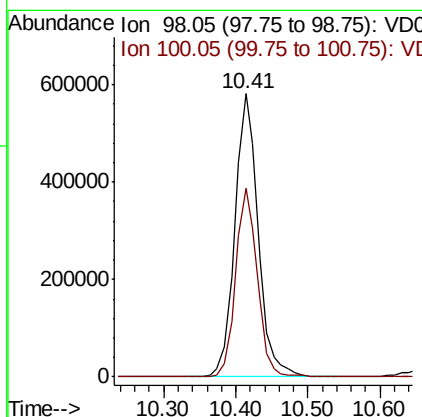
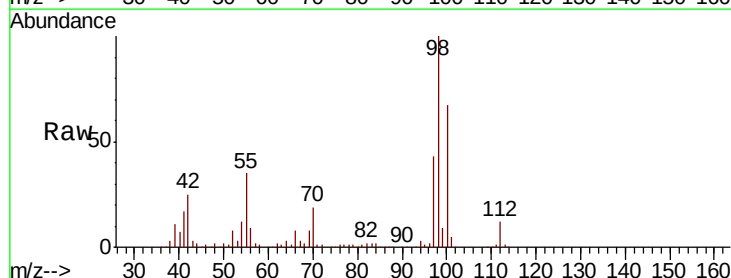
Instrument :
MSVOA_D
ClientSampleId :
S-WALL

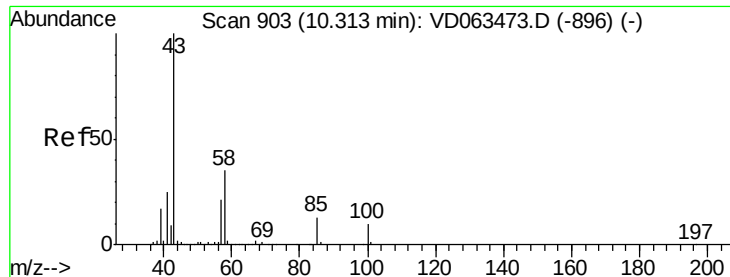
Tgt Ion: 41 Resp: 33965
Ion Ratio Lower Upper
41 100
69 79.8 47.6 71.4#
39 69.3 55.7 83.5



#50
Toluene-d8
Concen: 68.266 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Tgt Ion: 98 Resp: 1312728
Ion Ratio Lower Upper
98 100
100 66.6 51.7 77.5

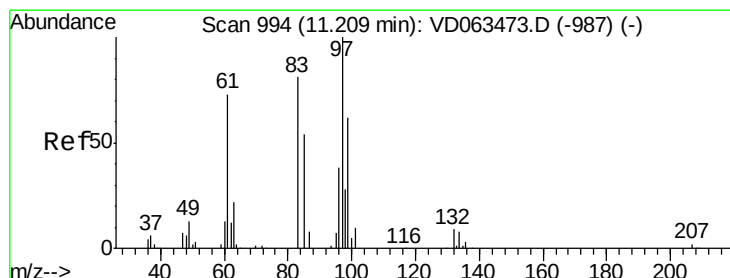
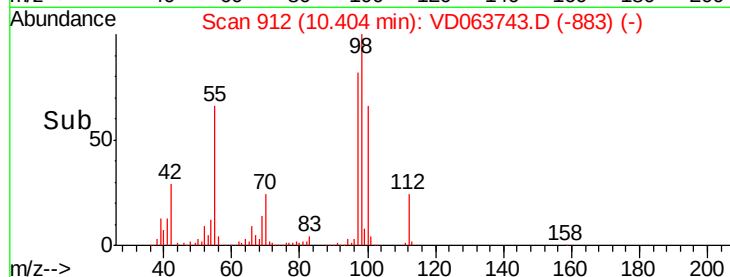
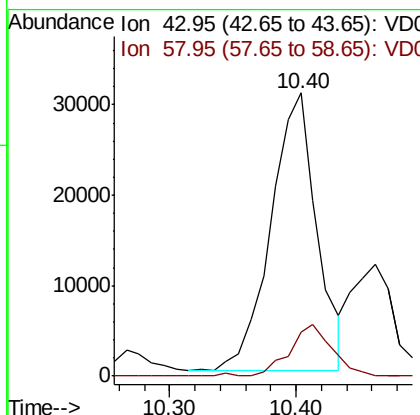
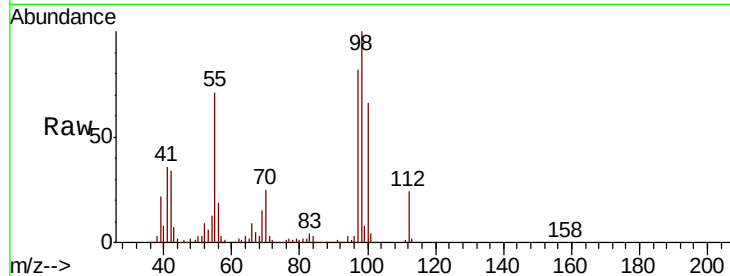




#51
 4-Methyl-2-Pentanone
 Concen: 22.115 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.09 min
 Lab File: VD063743.D
 Acq: 22 Aug 2019 19:42

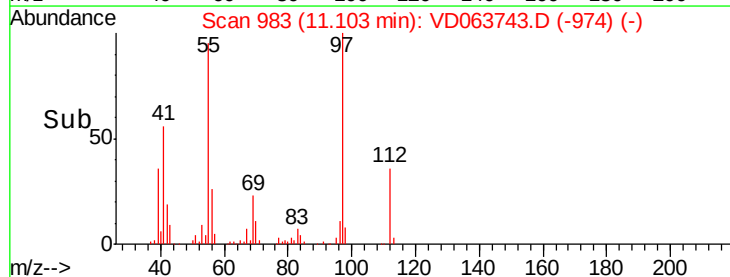
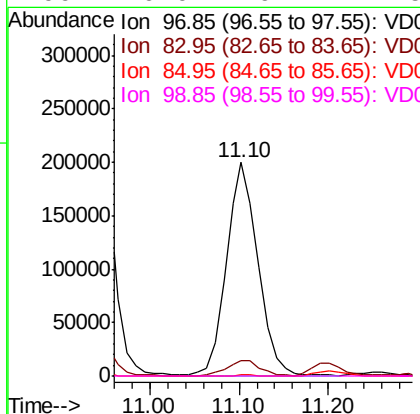
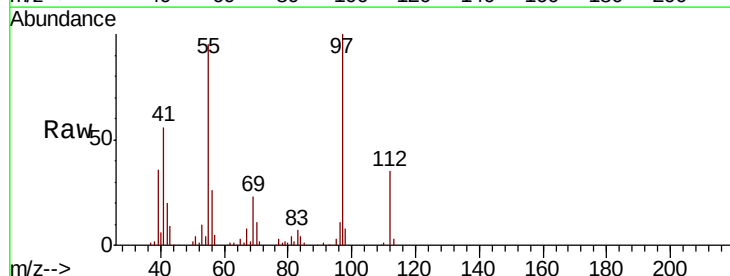
Instrument :
 MSVOA_D
 ClientSampleId :
 S-WALL

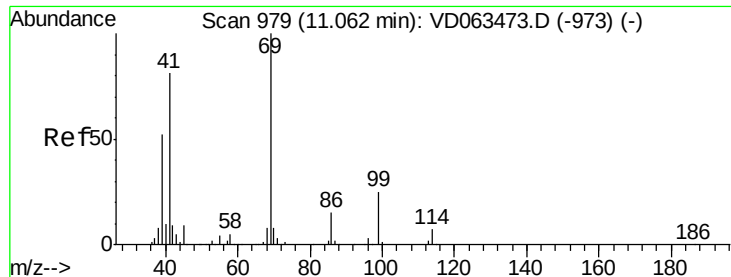
Tgt Ion: 43 Resp: 77970
 Ion Ratio Lower Upper
 43 100
 58 15.6 28.0 42.0#



#55
 1,1,2-Trichloroethane
 Concen: 111.109 ug/l
 RT: 11.10 min Scan# 983
 Delta R.T. -0.11 min
 Lab File: VD063743.D
 Acq: 22 Aug 2019 19:42

Tgt Ion: 97 Resp: 488406
 Ion Ratio Lower Upper
 97 100
 83 6.9 64.7 97.1#
 85 0.6 42.9 64.3#
 99 0.0 49.7 74.5#





#56

Ethyl methacrylate

Concen: 23.433 ug/l

RT: 11.10 min Scan# 983

Delta R.T. 0.04 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

S-WALL

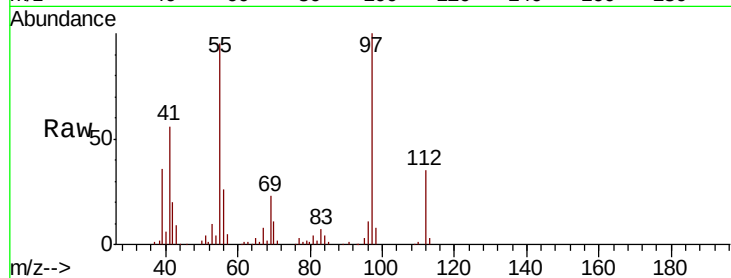
Tgt Ion: 69 Resp: 111801

Ion Ratio Lower Upper

69 100

41 249.5 64.8 97.2#

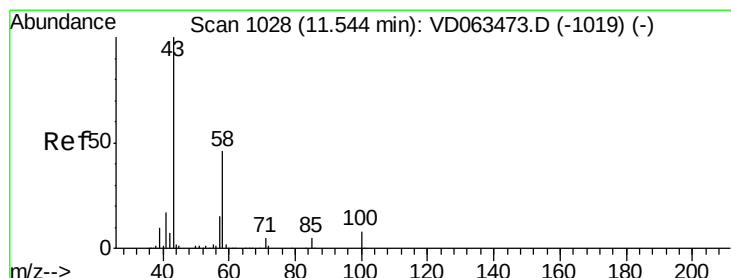
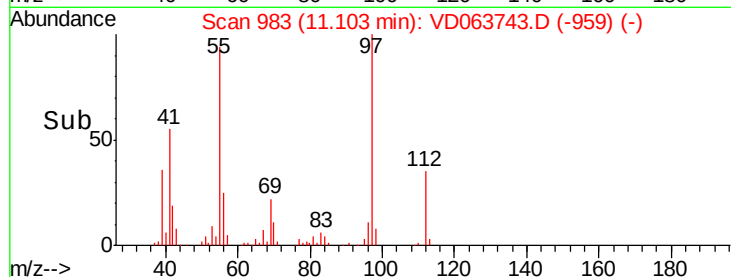
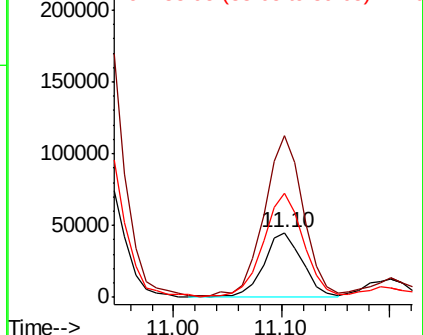
39 160.1 42.4 63.6#



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: 90.923 ug/l

RT: 11.49 min Scan# 1022

Delta R.T. -0.06 min

Lab File: VD063743.D

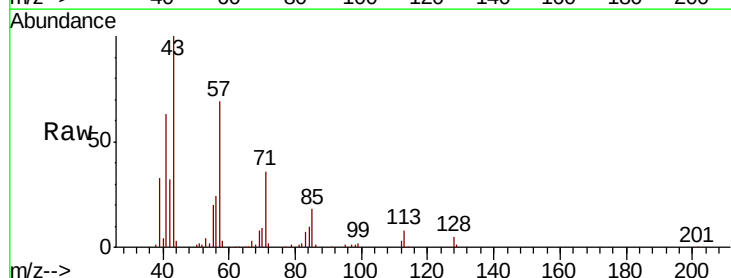
Acq: 22 Aug 2019 19:42

Tgt Ion: 43 Resp: 233249

Ion Ratio Lower Upper

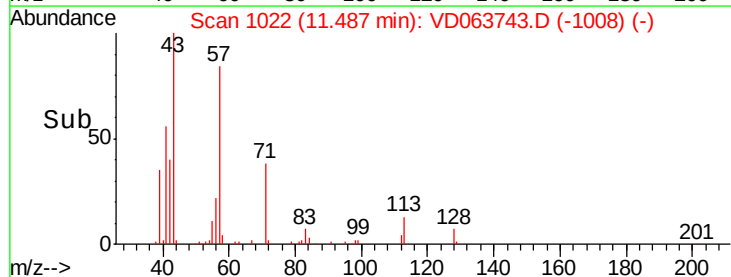
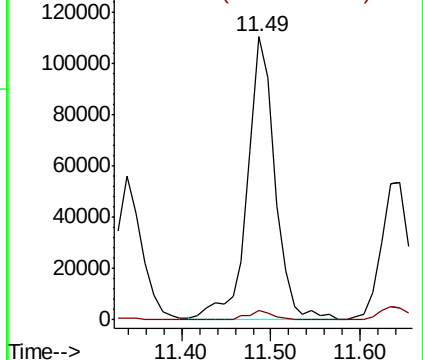
43 100

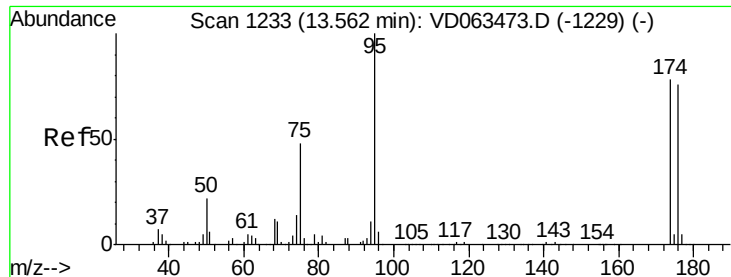
58 3.2 23.1 69.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

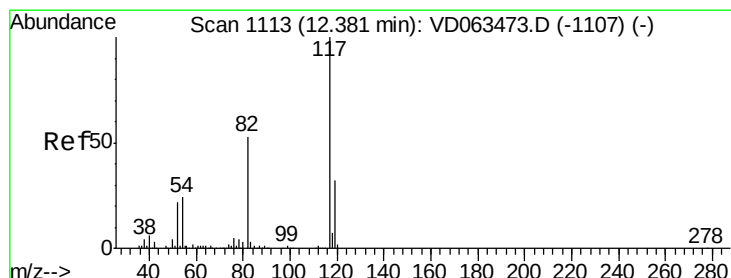
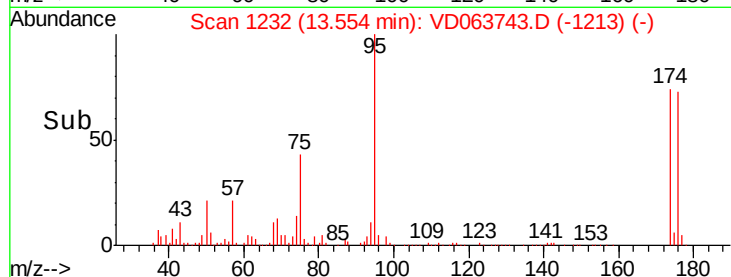
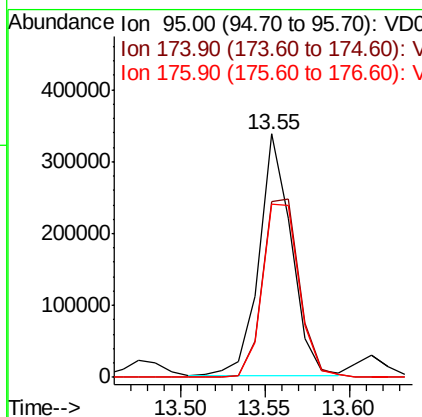
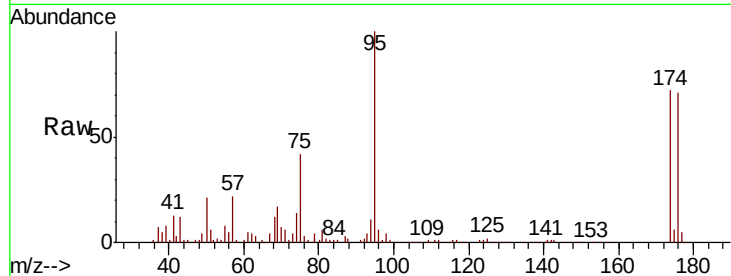




#62
4-Bromofluorobenzene
Concen: 51.396 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

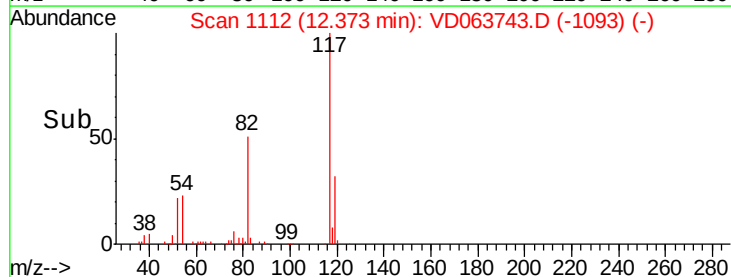
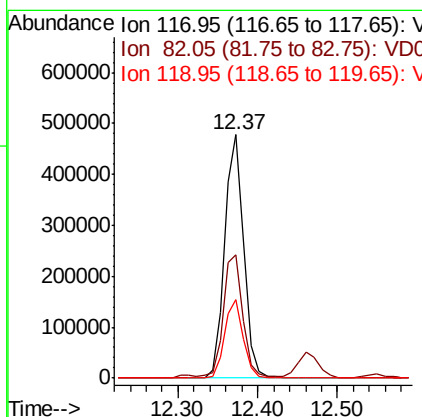
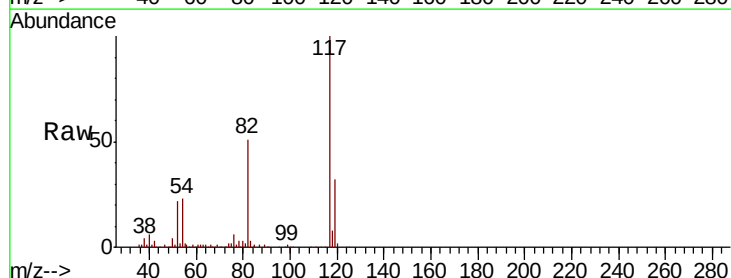
Instrument :
MSVOA_D
ClientSampled :
S-WALL

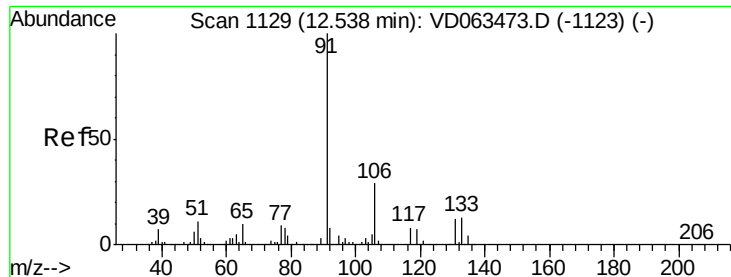
Tgt Ion: 95 Resp: 447949
Ion Ratio Lower Upper
95 100
174 72.4 0.0 155.4
176 71.2 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Tgt Ion: 117 Resp: 805402
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 32.4 25.4 38.0

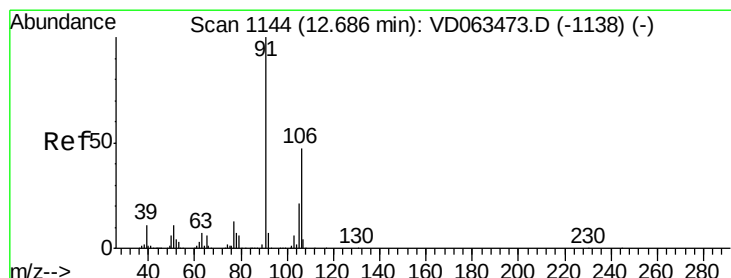
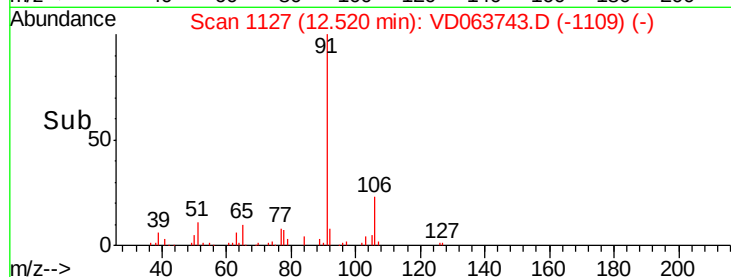
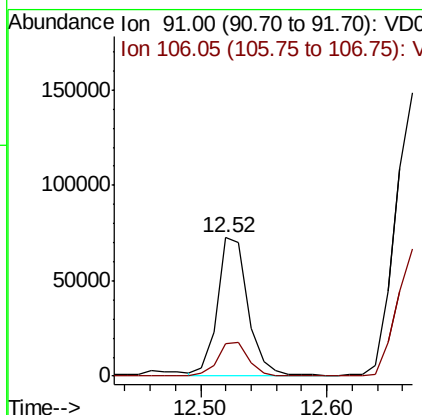
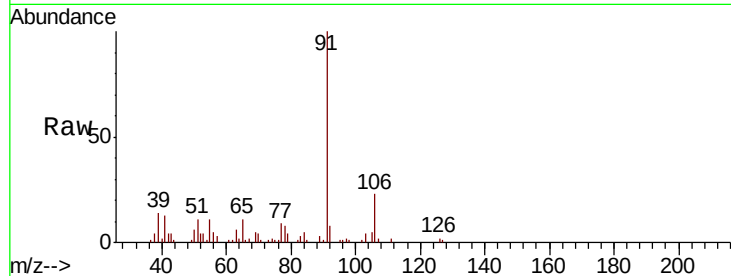




#67
Ethyl Benzene
Concen: 4.580 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.02 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

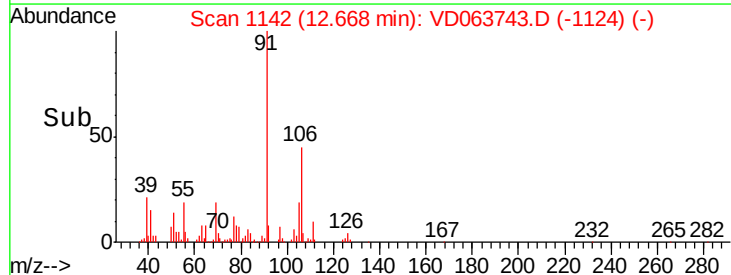
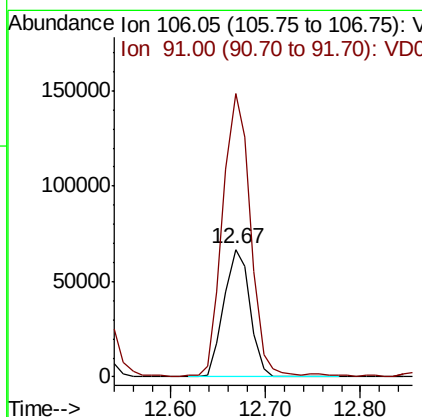
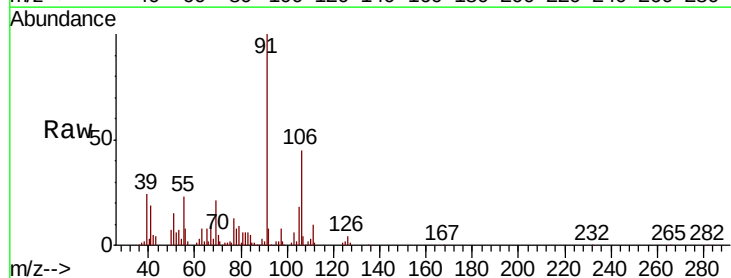
Instrument :
MSVOA_D
ClientSampleId :
S-WALL

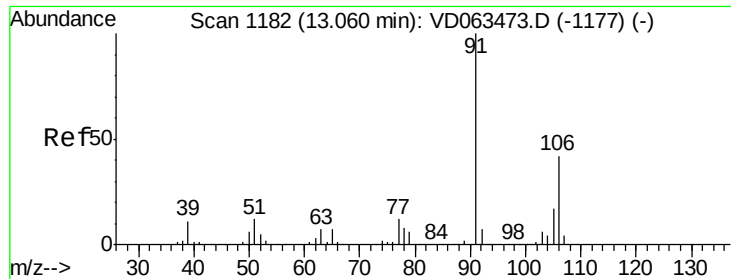
Tgt Ion: 91 Resp: 120208
Ion Ratio Lower Upper
91 100
106 23.3 23.1 34.7



#68
m/p-Xylenes
Concen: 13.917 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Tgt Ion: 106 Resp: 128333
Ion Ratio Lower Upper
106 100
91 222.1 171.8 257.8

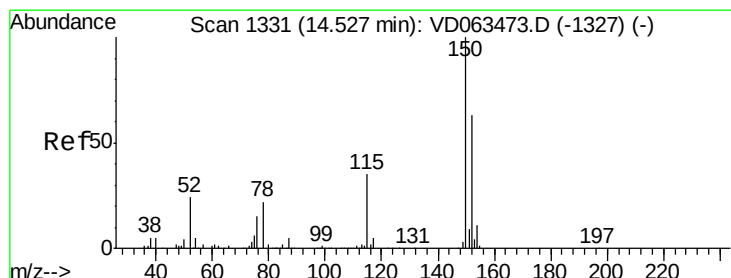
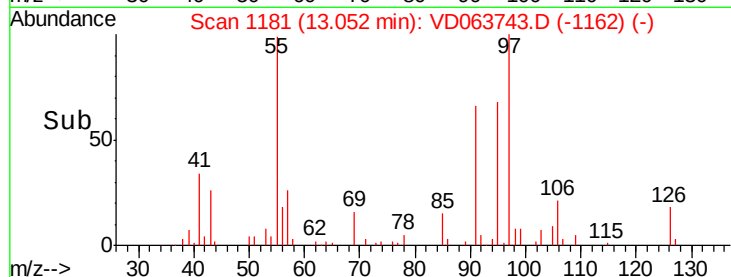
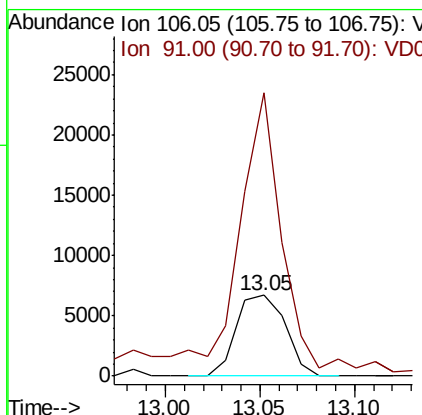
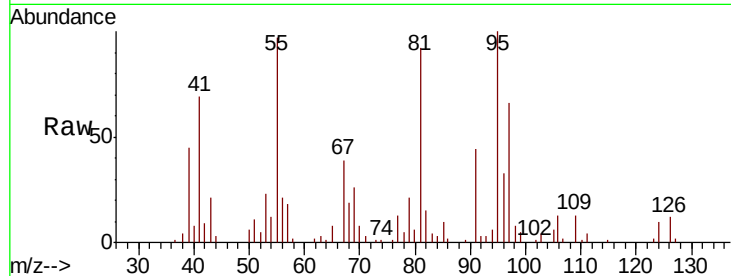




#69
o-Xylene
Concen: 1.361 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

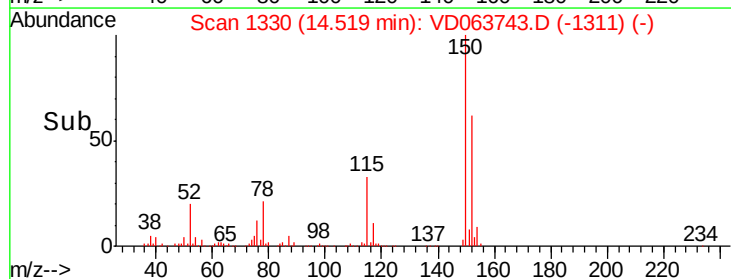
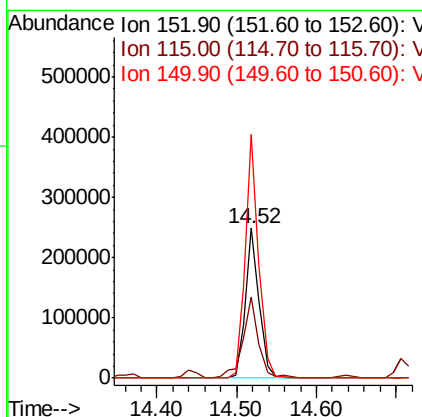
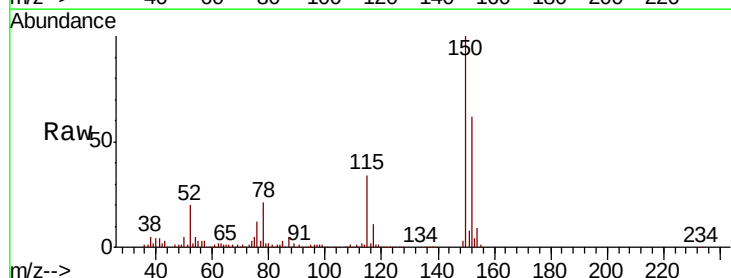
Instrument :
MSVOA_D
ClientSampled :
S-WALL

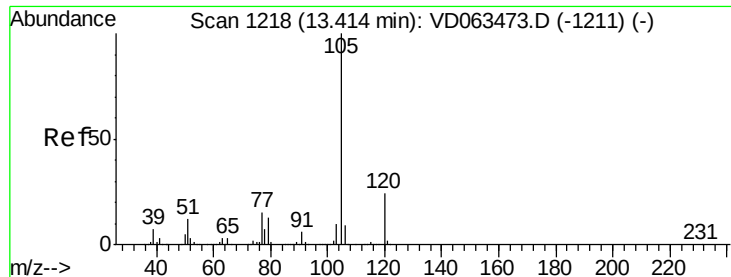
Tgt Ion:106 Resp: 12075
Ion Ratio Lower Upper
106 100
91 351.1 118.1 354.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Tgt Ion:152 Resp: 298482
Ion Ratio Lower Upper
152 100
115 54.5 30.9 92.7
150 162.6 0.0 318.6





#73

Isopropylbenzene

Concen: 5.421 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

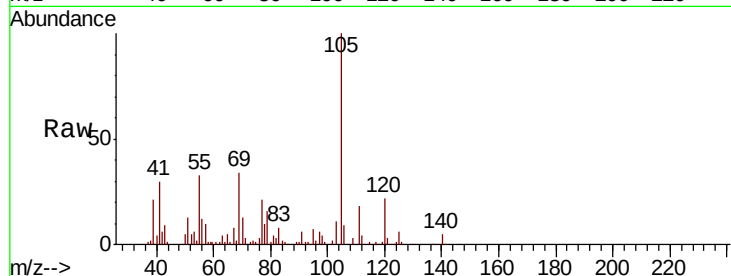
S-WALL

Tgt Ion: 105 Resp: 102927

Ion Ratio Lower Upper

105 100

120 22.0 11.9 35.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

80000

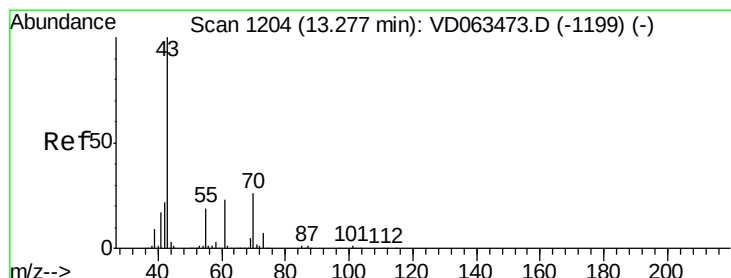
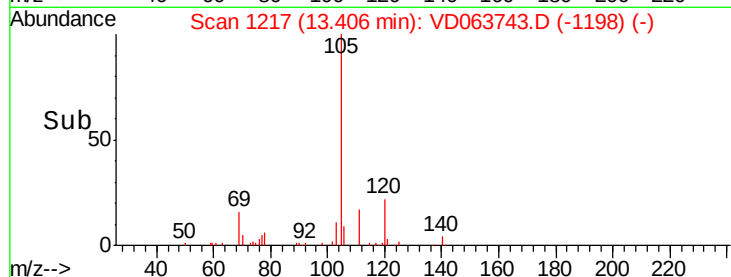
60000

40000

20000

0

Time--> 13.35 13.40 13.45 13.50



#74

N-ethyl acetate

Concen: 22.167 ug/l

RT: 13.22 min Scan# 1198

Delta R.T. -0.06 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Tgt Ion: 43 Resp: 105646

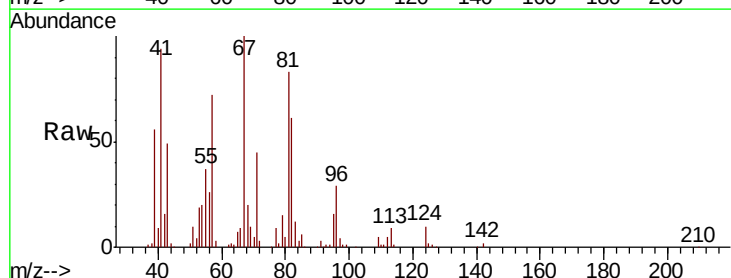
Ion Ratio Lower Upper

43 100

70 9.8 21.1 31.7#

55 76.9 15.4 23.0#

61 0.0 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

100000

80000

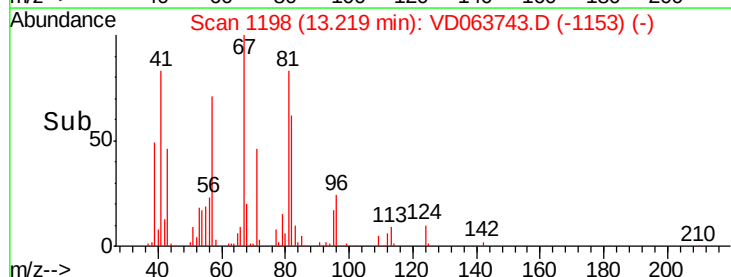
60000

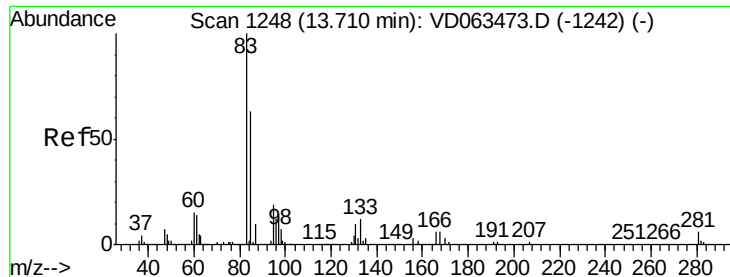
40000

20000

0

Time--> 13.15 13.20 13.25





#75

1,1,2,2-Tetrachloroethane

Concen: 2.375 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.15 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

S-WALL

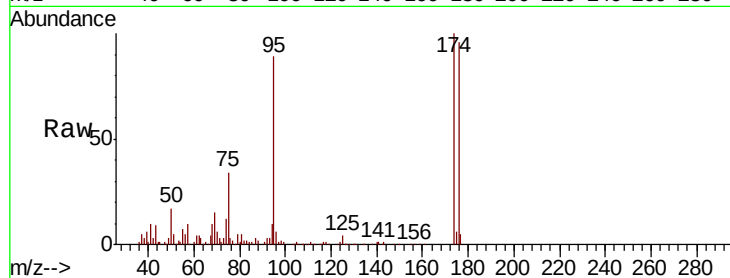
Tgt Ion: 83 Resp: 7483

Ion Ratio Lower Upper

83 100

131 15.4 5.3 15.8

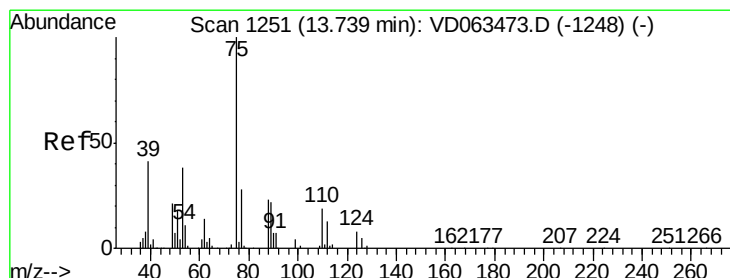
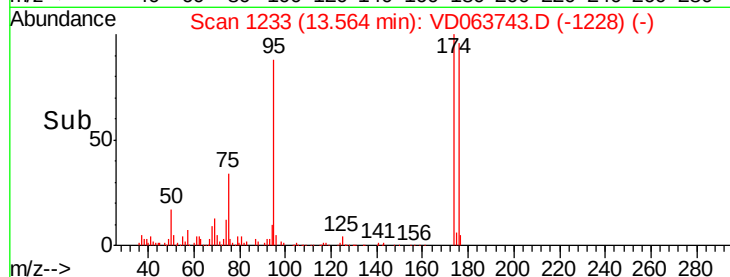
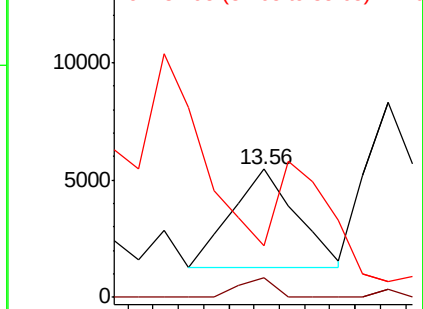
85 40.4 31.4 94.3



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



#76

1,2,3-Trichloropropane

Concen: 1.346 ug/l

RT: 13.88 min Scan# 1265

Delta R.T. 0.14 min

Lab File: VD063743.D

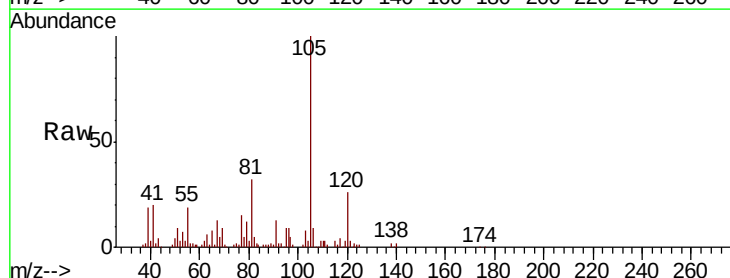
Acq: 22 Aug 2019 19:42

Tgt Ion: 75 Resp: 4612

Ion Ratio Lower Upper

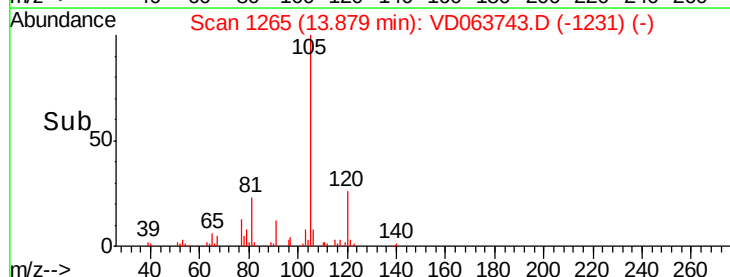
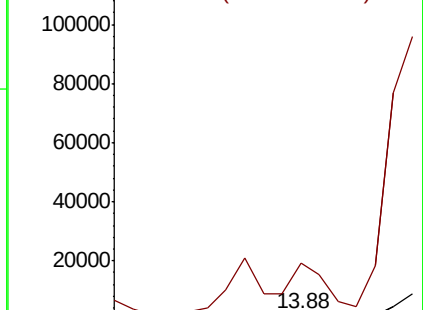
75 100

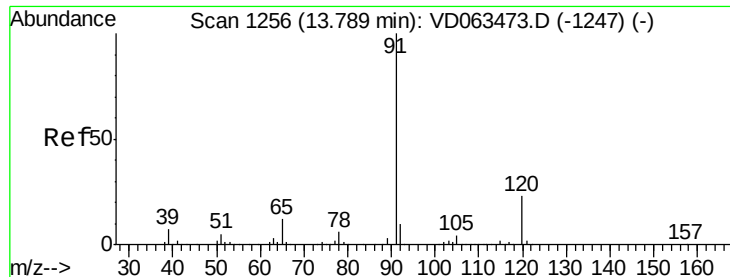
77 958.4 15.1 45.3#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#78

n-propylbenzene

Concen: 13.308 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

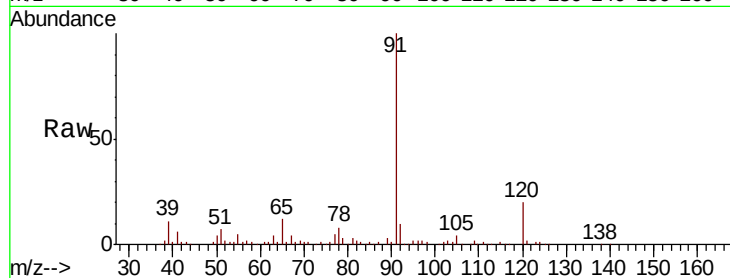
S-WALL

Tgt Ion: 91 Resp: 295624

Ion Ratio Lower Upper

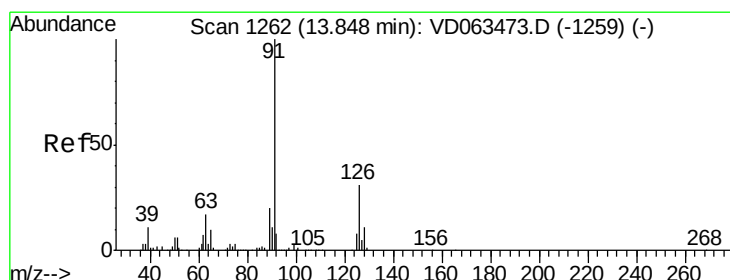
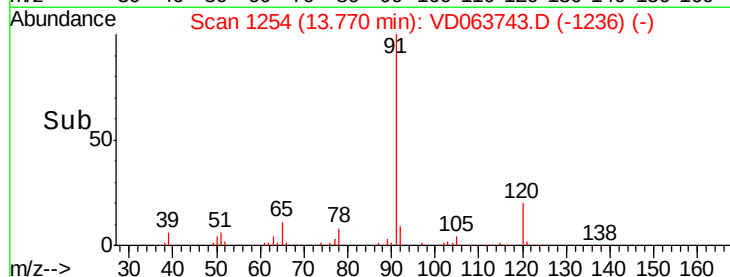
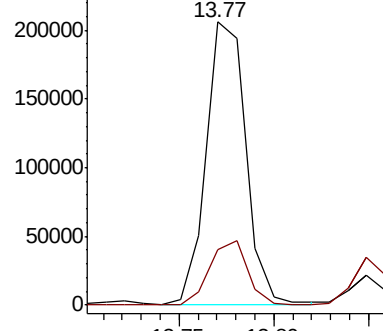
91 100

120 19.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 2.123 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VD063743.D

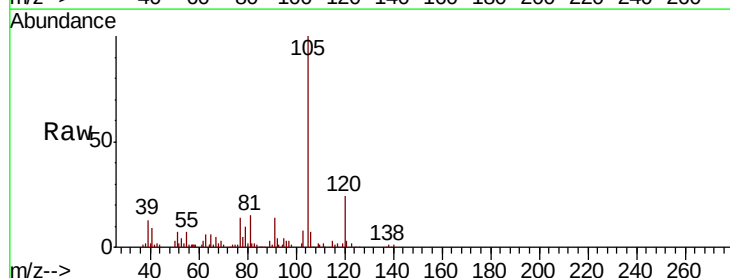
Acq: 22 Aug 2019 19:42

Tgt Ion: 91 Resp: 27189

Ion Ratio Lower Upper

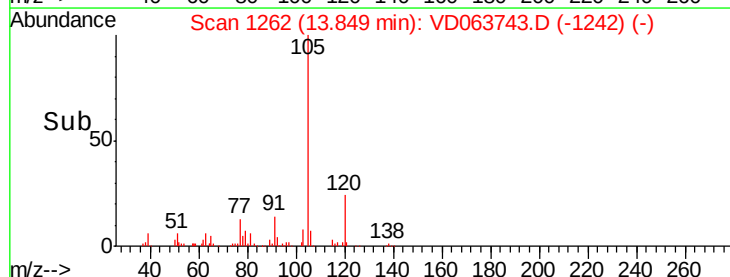
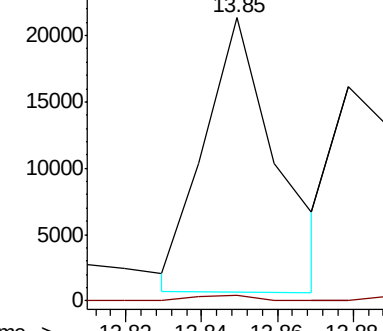
91 100

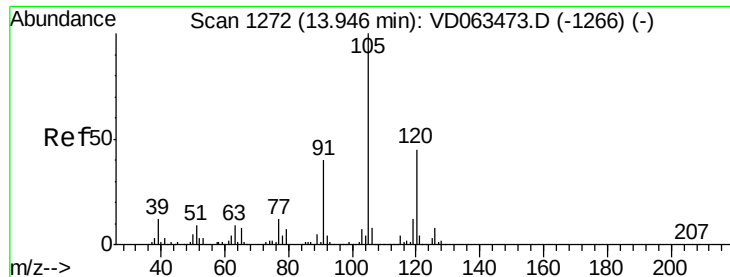
126 1.9 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

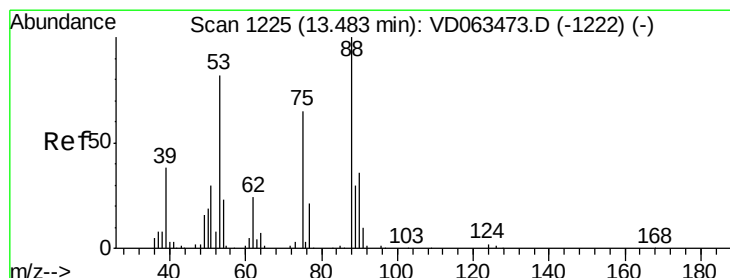
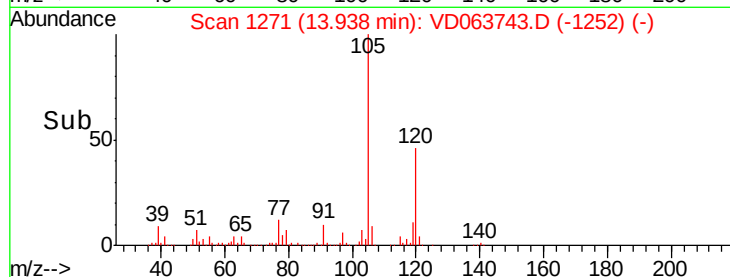
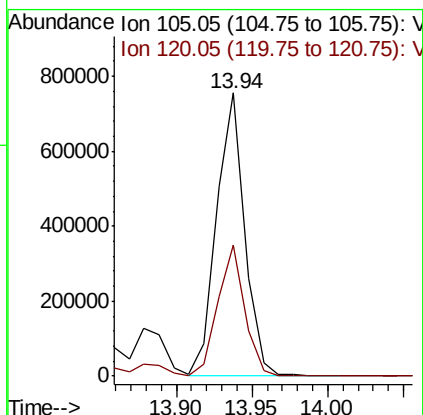
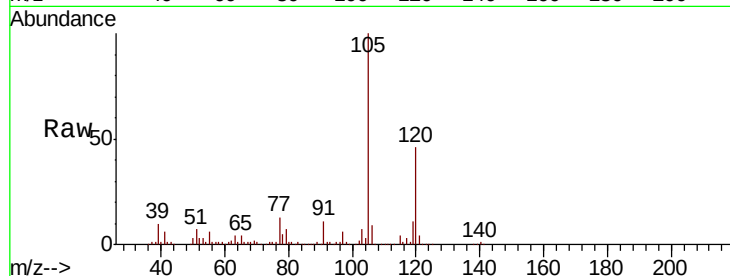




#80
 1,3,5-Trimethylbenzene
 Concen: 58.950 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: VD063743.D
 Acq: 22 Aug 2019 19:42

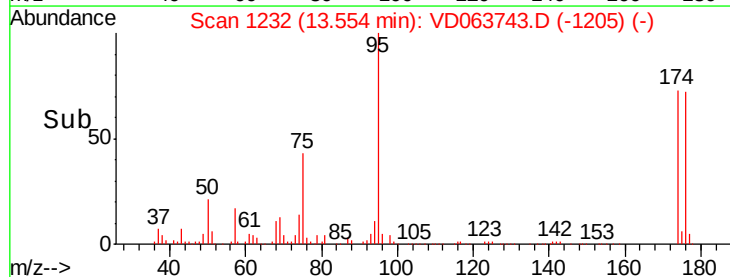
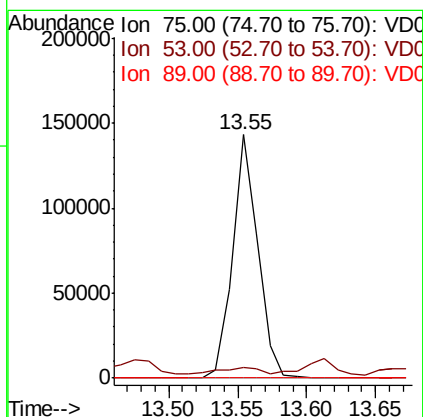
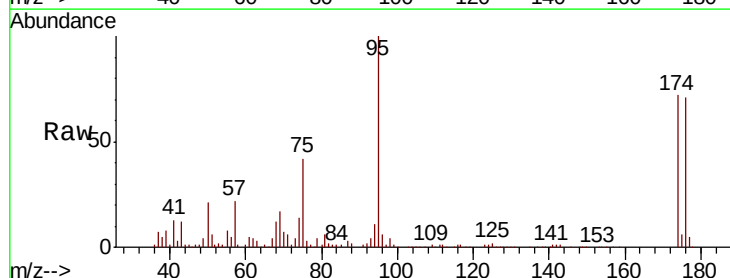
Instrument :
 MSVOA_D
 ClientSampleId :
 S-WALL

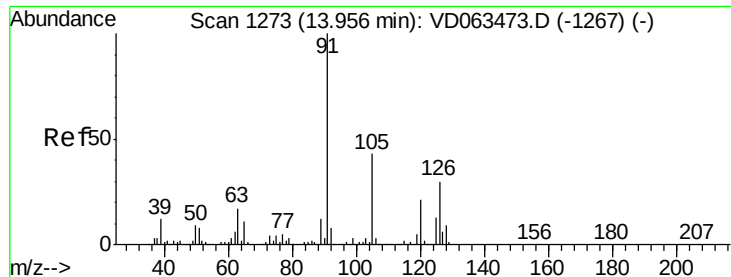
Tgt Ion: 105 Resp: 977868
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.8 68.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 197.656 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.07 min
 Lab File: VD063743.D
 Acq: 22 Aug 2019 19:42

Tgt Ion: 75 Resp: 181983
 Ion Ratio Lower Upper
 75 100
 53 4.2 101.0 151.4#
 89 0.0 37.0 55.6#





#82

4-Chlorotoluene

Concen: 7.166 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

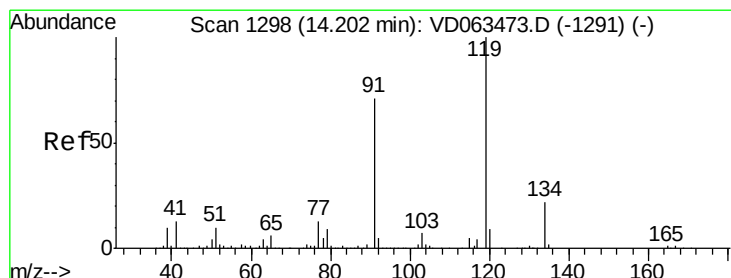
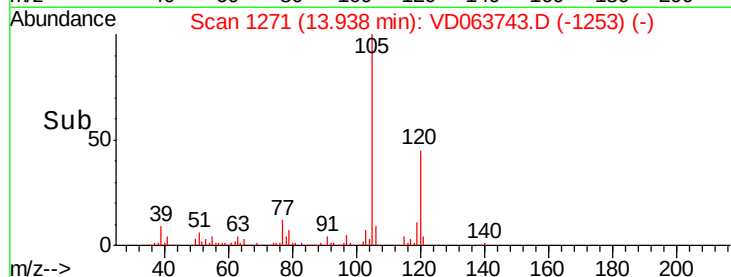
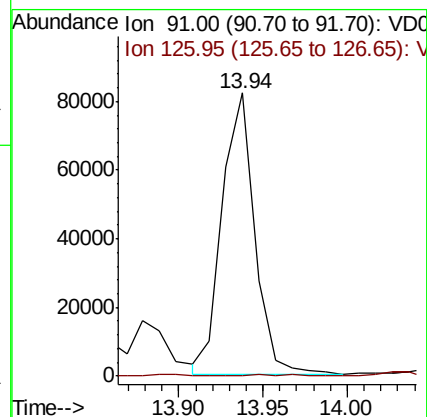
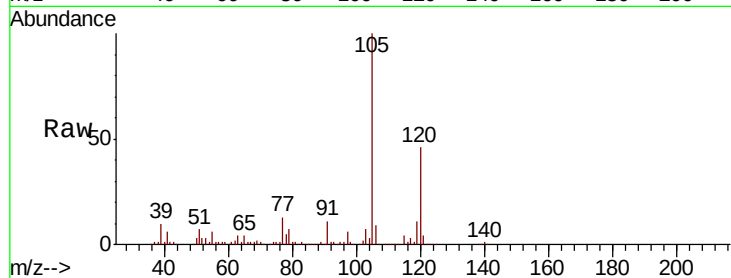
S-WALL

Tgt Ion: 91 Resp: 110361

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



#83

tert-Butylbenzene

Concen: 1.514 ug/l

RT: 14.19 min Scan# 1297

Delta R.T. -0.01 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

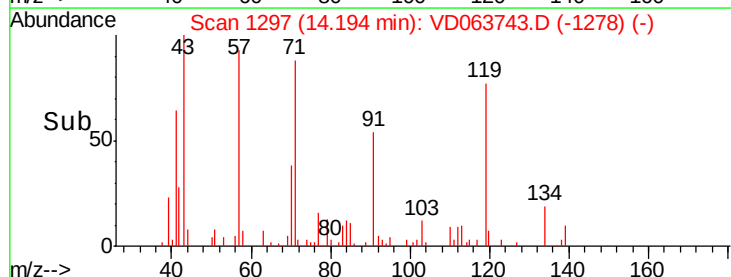
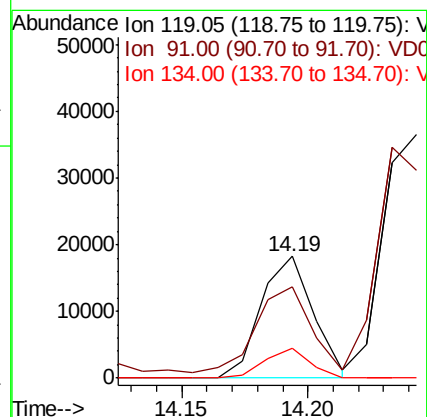
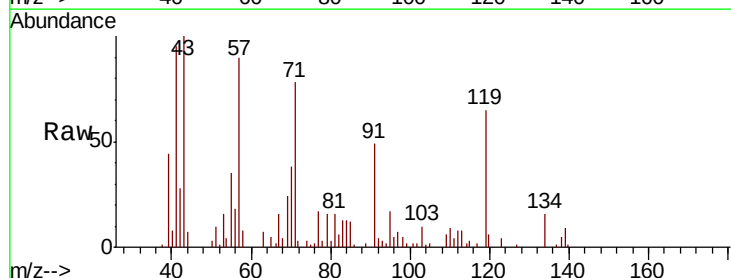
Tgt Ion: 119 Resp: 26441

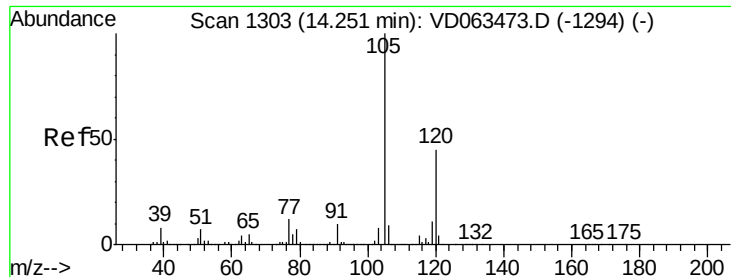
Ion Ratio Lower Upper

119 100

91 75.2 35.5 106.7

134 24.0 11.1 33.1





#84

1,2,4-Trimethylbenzene

Concen: 31.445 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. -0.01 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

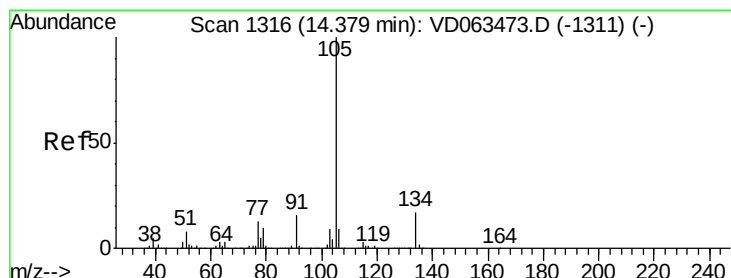
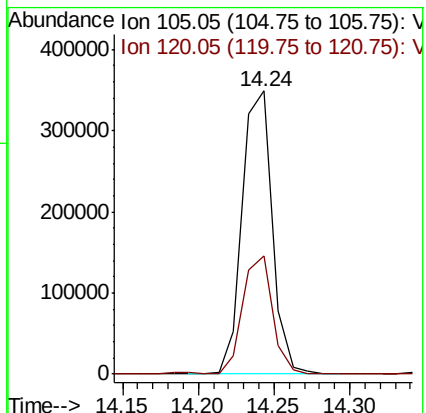
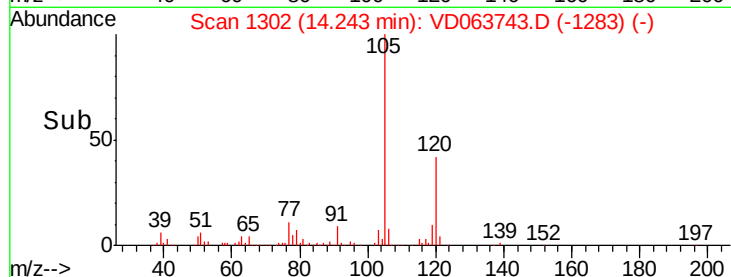
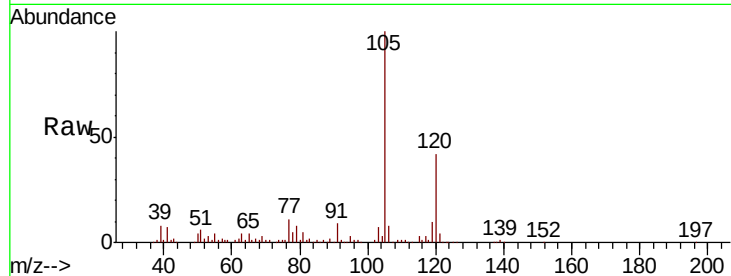
S-WALL

Tgt Ion:105 Resp: 482634

Ion Ratio Lower Upper

105 100

120 41.8 22.7 68.1



#85

sec-Butylbenzene

Concen: 12.771 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD063743.D

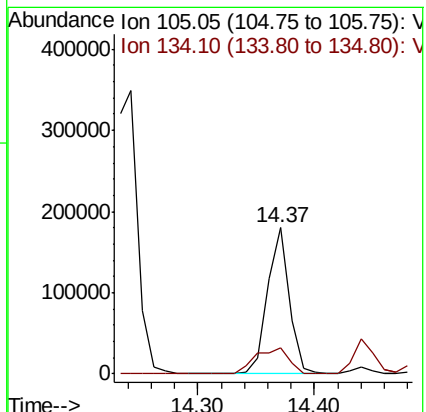
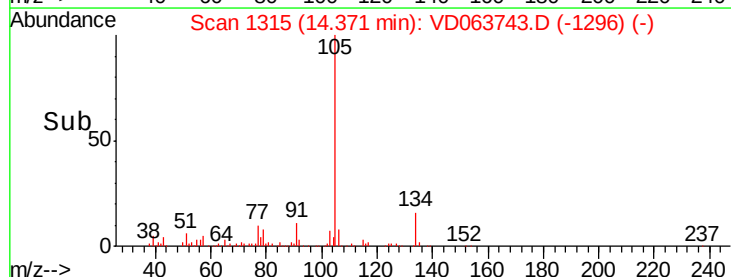
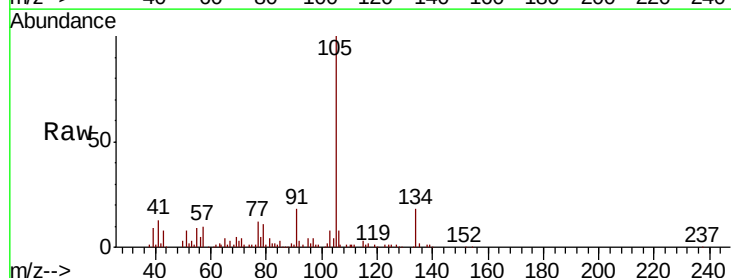
Acq: 22 Aug 2019 19:42

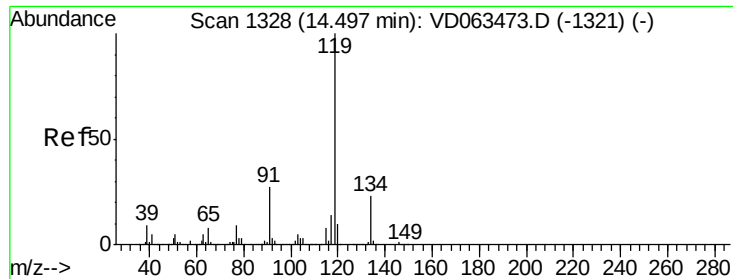
Tgt Ion:105 Resp: 236906

Ion Ratio Lower Upper

105 100

134 17.9 8.3 24.8

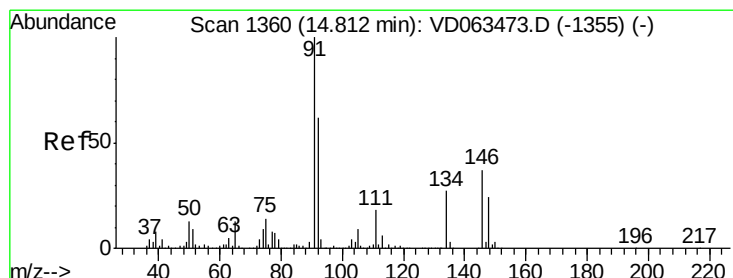
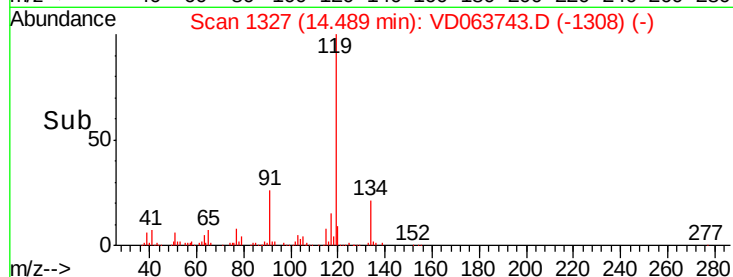
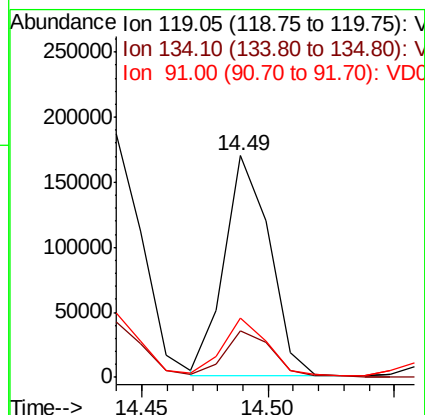
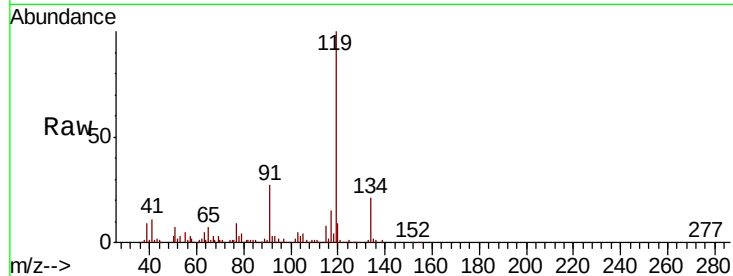




#86
p-Isopropyltoluene
Concen: 11.925 ug/l
RT: 14.49 min Scan# 1327
Delta R.T. -0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

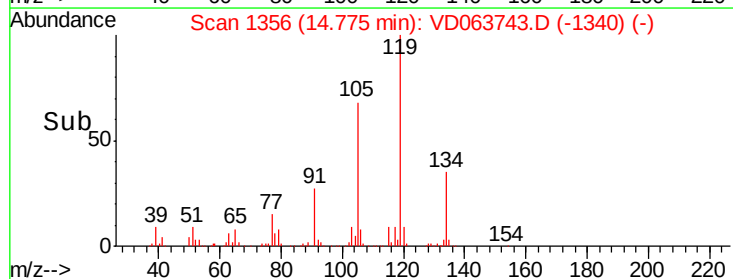
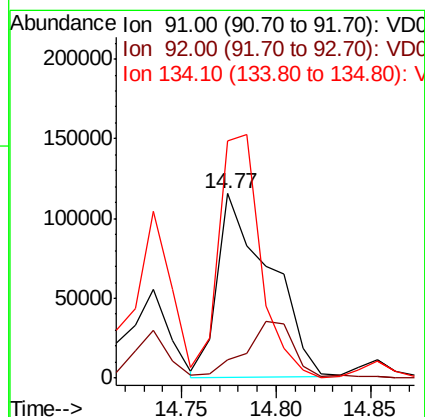
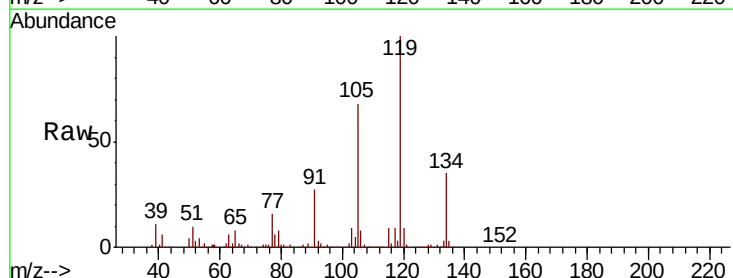
Instrument :
MSVOA_D
ClientSampleID :
S-WALL

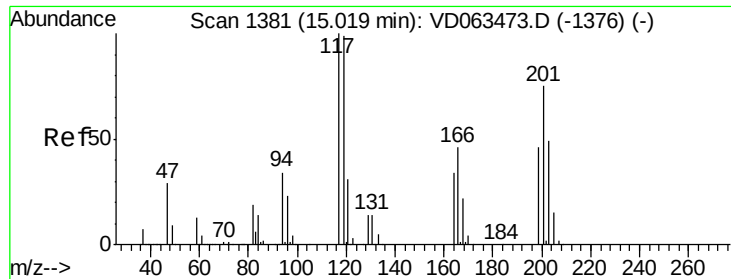
Tgt Ion	Resp	Lower	Upper
119	211512		
134	21.0	11.3	33.8
91	26.7	13.5	40.4



#89
n-Butylbenzene
Concen: 13.749 ug/l
RT: 14.77 min Scan# 1356
Delta R.T. -0.04 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Tgt Ion	Resp	Lower	Upper
91	222565		
92	9.7	30.8	92.3#
134	128.4	13.4	40.2#





#90

Hexachloroethane

Concen: 5.562 ug/l

RT: 14.98 min Scan# 1377

Delta R.T. -0.04 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

Instrument :

MSVOA_D

ClientSampleId :

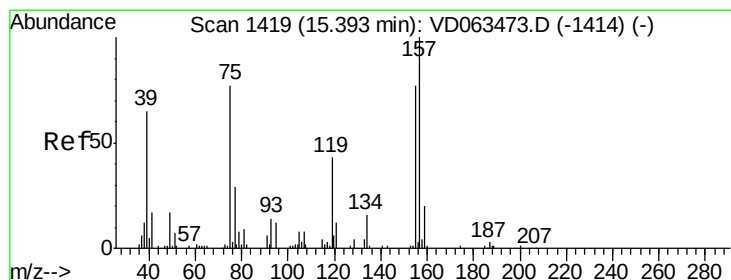
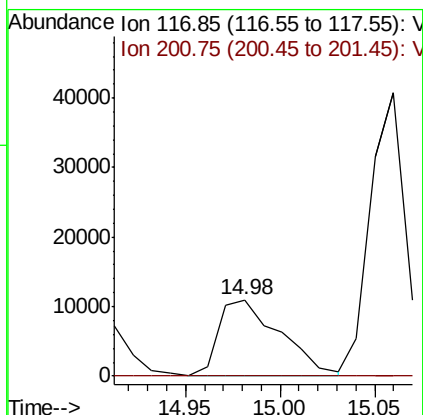
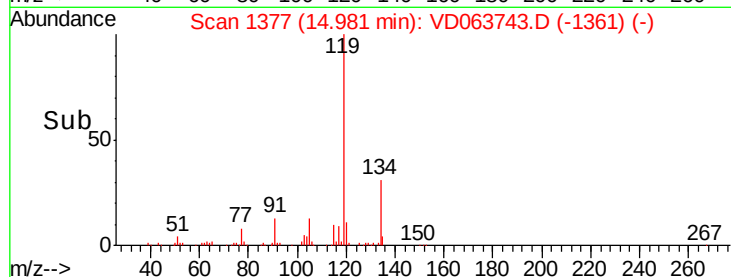
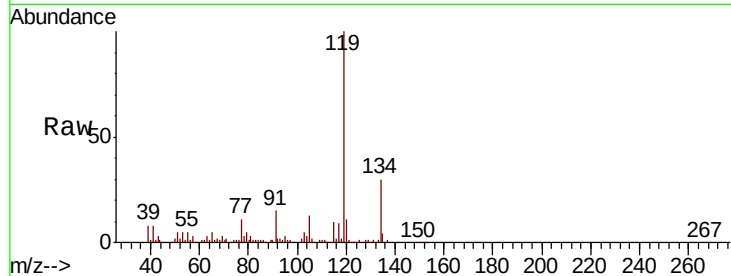
S-WALL

Tgt Ion:117 Resp: 24794

Ion Ratio Lower Upper

117 100

201 0.0 37.5 112.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.591 ug/l

RT: 15.38 min Scan# 1417

Delta R.T. -0.02 min

Lab File: VD063743.D

Acq: 22 Aug 2019 19:42

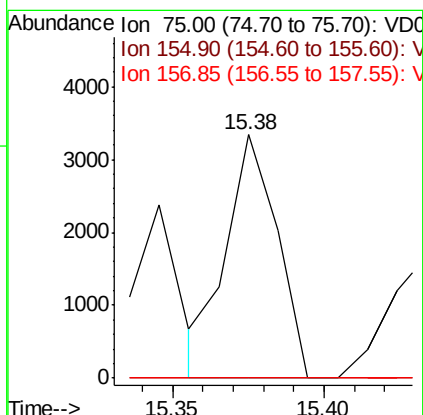
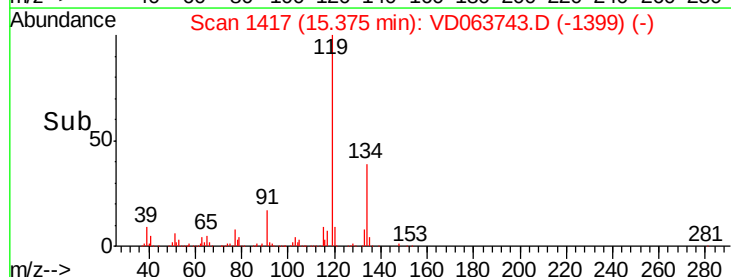
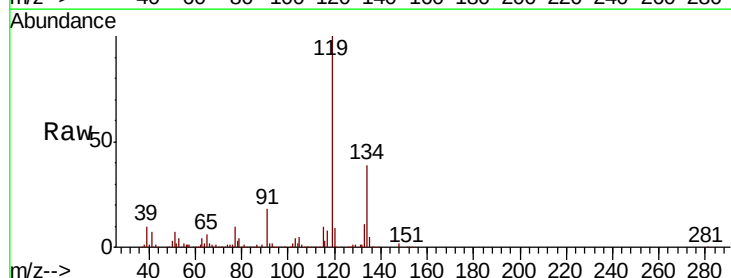
Tgt Ion: 75 Resp: 3911

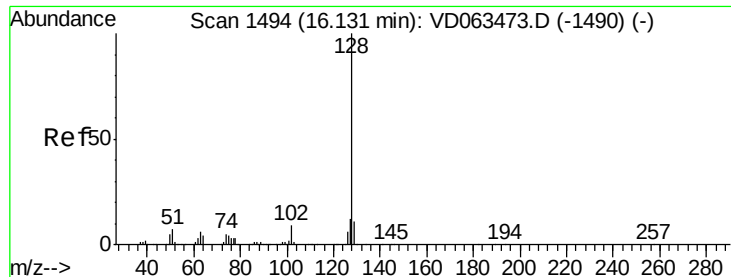
Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

157 0.0 65.0 195.1#





#95
Naphthalene
Concen: 19.910 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD063743.D
Acq: 22 Aug 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
S-WALL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.4	14.0
129	10.4	8.5	12.7

