

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062679.D
 Acq On : 12 Jun 2019 17:30
 Operator : VA/AP
 Sample : K3274-05RE
 Misc : 4.36g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13 0.5-1.0 060719RE

Quant Time: Jun 13 07:25:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	342912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	495679	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	287449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	122518	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	292493	59.11	ug/l	0.00
Spiked Amount			Recovery	=	118.22%	
35) Dibromofluoromethane	6.91	113	315464	60.35	ug/l	0.00
Spiked Amount			Recovery	=	120.70%	
50) Toluene-d8	10.39	98	415306	37.77	ug/l	-0.02
Spiked Amount			Recovery	=	75.54%	
62) 4-Bromofluorobenzene	13.55	95	160377	31.26	ug/l	0.00
Spiked Amount			Recovery	=	62.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	2224	Below Cal	#	42
5) Bromomethane	2.19	94	2460	1.393	ug/l #	1
10) Methyl Iodide	3.30	142	196	4.038	ug/l #	24
11) Tert butyl alcohol	4.07	59	2628	12.921	ug/l #	61
13) Acrolein	2.93	56	229	3.500	ug/l #	12
16) Acetone	3.21	43	291596	321.817	ug/l	97
20) Methylene Chloride	3.81	84	13038	3.397	ug/l #	80
25) 2-Butanone	6.05	43	43672	49.404	ug/l	99
29) Tetrahydrofuran	6.46	42	500	1.256	ug/l #	57
31) Cyclohexane	7.02	56	8515	2.181	ug/l #	27
36) 1,1-Dichloropropene	7.04	75	26320	4.639	ug/l #	59
37) Ethyl Acetate	6.05	43	43672	18.822	ug/l #	74
38) Carbon Tetrachloride	7.03	117	36606	4.082	ug/l #	17
56) Ethyl methacrylate	11.09	69	4186	5.193	ug/l #	1
59) 2-Hexanone	11.48	43	44809	28.760	ug/l #	39
67) Ethyl Benzene	12.52	91	317966	28.205	ug/l	100
68) m/p-Xylenes	12.66	106	625062	157.717	ug/l	100
69) o-Xylene	13.04	106	504033	138.478	ug/l	93
70) Styrene	13.04	104	26644	4.103	ug/l #	1
73) Isopropylbenzene	13.40	105	850111	98.442	ug/l	97
74) N-amyl acetate	13.22	43	381945	163.654	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	13.71	83	106331	71.961	ug/l #	60
76) 1,2,3-Trichloropropane	13.77	75	13665	8.226	ug/l #	1
78) n-propylbenzene	13.77	91	1693258	160.186	ug/l	100
79) 2-Chlorotoluene	13.85	91	1218157	196.818	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.93	105	2112245	276.758	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.40	75	10547	23.636	ug/l #	1
82) 4-Chlorotoluene	13.93	91	219990	29.722	ug/l #	45
83) tert-Butylbenzene	14.24	119	901838	107.134	ug/l #	60
84) 1,2,4-Trimethylbenzene	14.24	105	8172380	1081.481	ug/l	92
85) sec-Butylbenzene	14.37	105	2695743	305.398	ug/l	99
86) p-Isopropyltoluene	14.49	119	1755426	204.257	ug/l	97
89) n-Butylbenzene	14.78	91	2794594	361.451	ug/l #	1
90) Hexachloroethane	15.01	117	877889	386.933	ug/l #	8

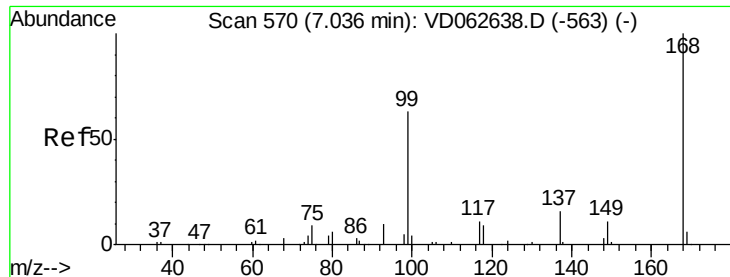
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061219\
Data File : VD062679.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	15.37	75	32545	103.113	ug/l #	20
93) 1,2,4-Trichlorobenzene	15.95	180	1616	4.044	ug/l #	1
95) Naphthalene	16.12	128	1279355	271.379	ug/l	97
96) 1,2,3-Trichlorobenzene	16.23	180	2635	1.231	ug/l #	1

(#) = 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. 0.00 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

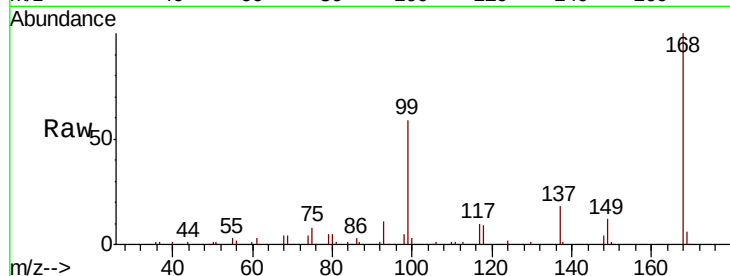
SB-13 0.5-1.0 060719RE

Tot Ion:168 Resp: 342912

Ion Ratio Lower Upper

168 100

99 58.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

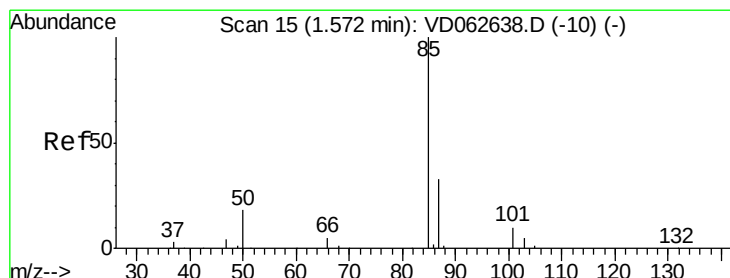
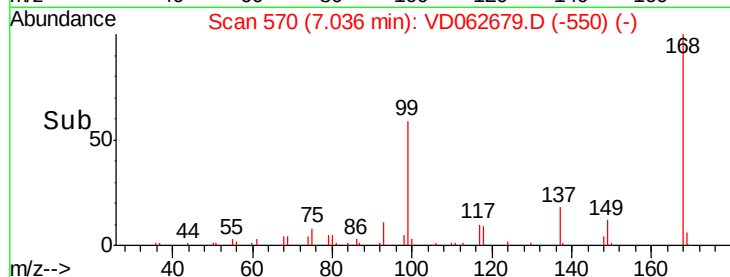
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.57 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062679.D

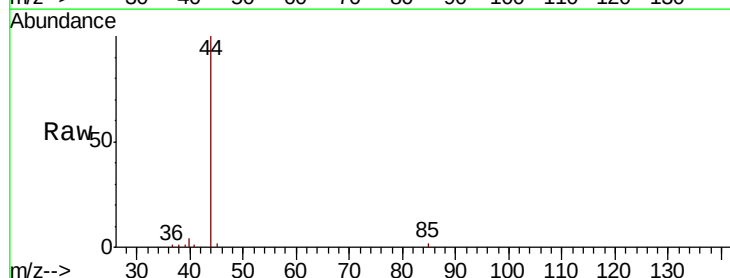
Acq: 12 Jun 2019 17:30

Tgt Ion: 85 Resp: 2224

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.7#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

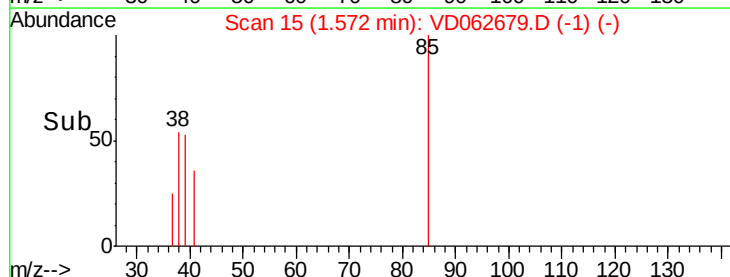
1000

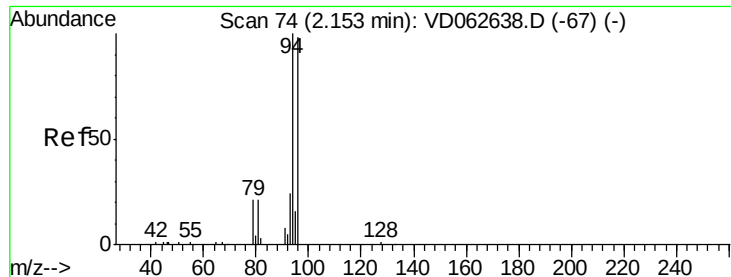
500

0

Time-->

1.55 1.60





#5

Bromomethane

Concen: 1.393 ug/l

RT: 2.19 min Scan# 78

Delta R.T. 0.04 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

SB-13 0.5-1.0 060719RE

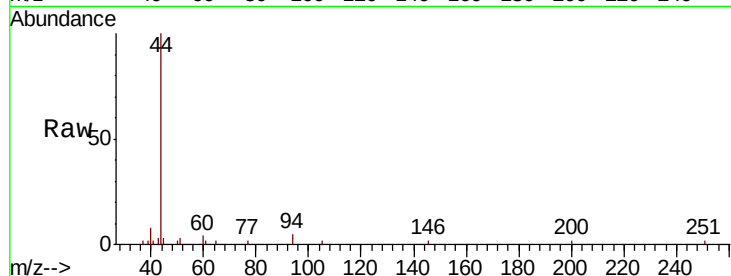
Tot Ion: 94 Resp: 2460

Ion Ratio Lower Upper

94 100

96 0.0 78.1 117.1#

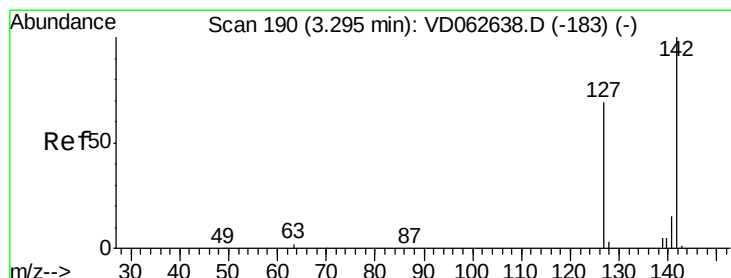
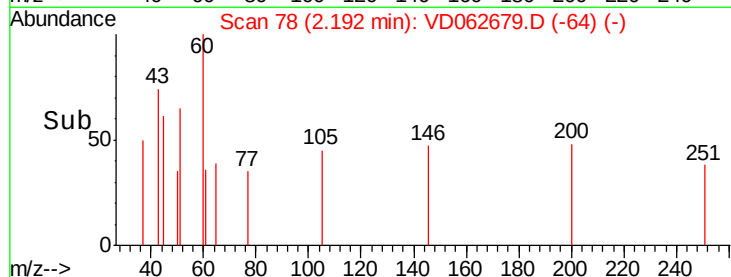
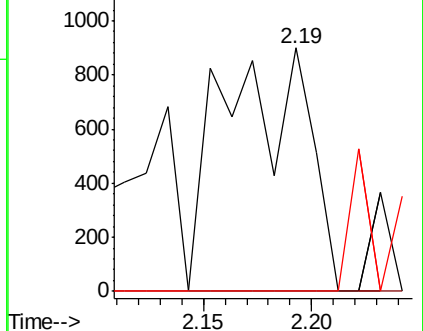
93 100.0 19.6 29.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#10

Methyl Iodide

Concen: 4.038 ug/l

RT: 3.30 min Scan# 190

Delta R.T. 0.00 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

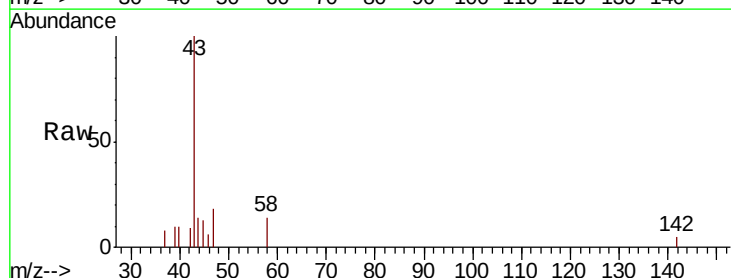
Tgt Ion: 142 Resp: 196

Ion Ratio Lower Upper

142 100

127 0.0 55.2 82.8#

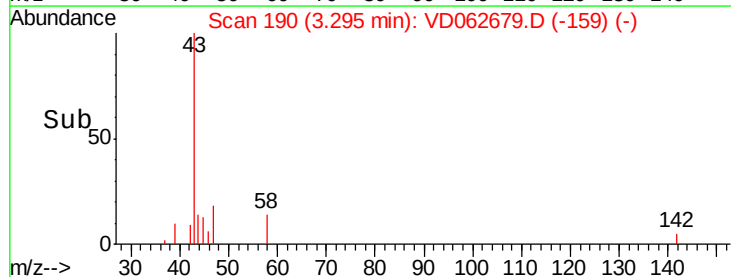
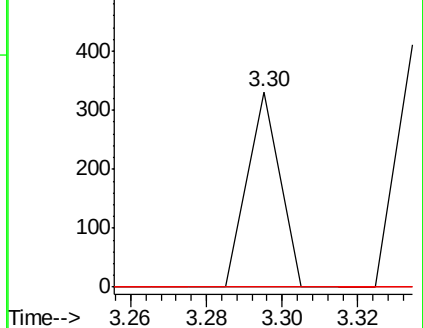
141 0.0 12.1 18.1#

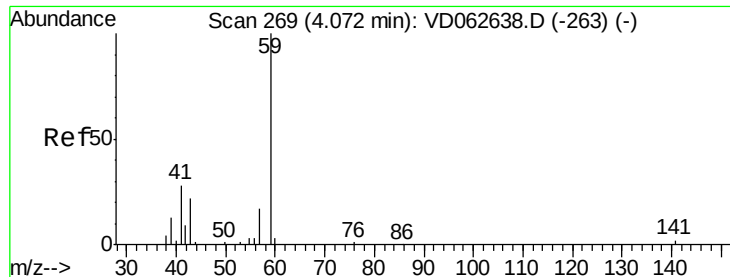


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

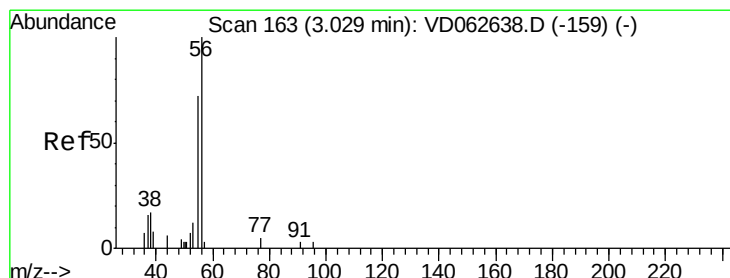
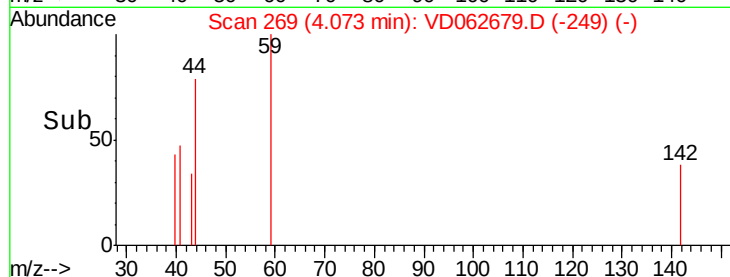
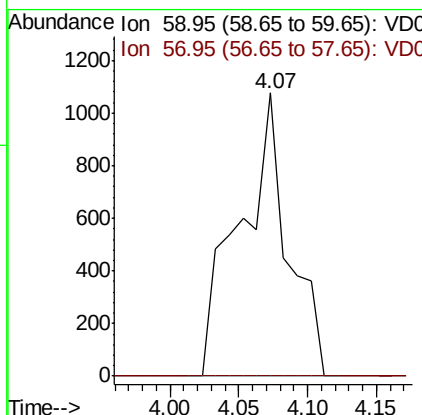
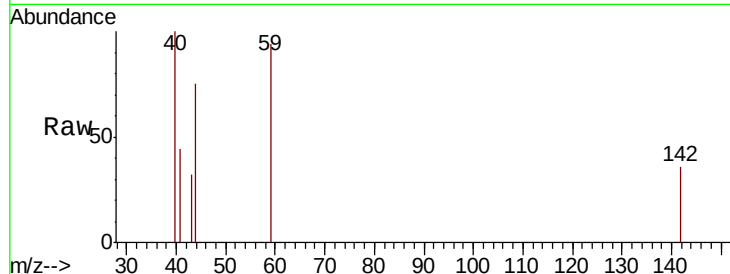




#11
Tert butyl alcohol
Concen: 12.921 ug/l
RT: 4.07 min Scan# 269
Delta R.T. 0.00 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

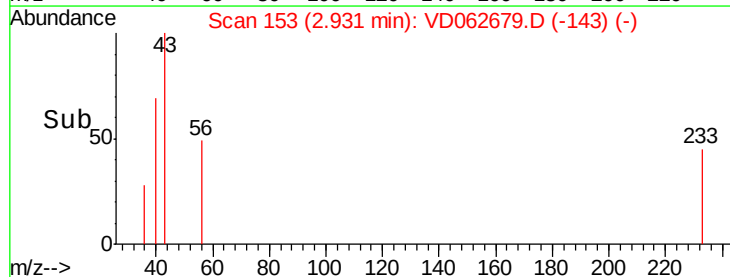
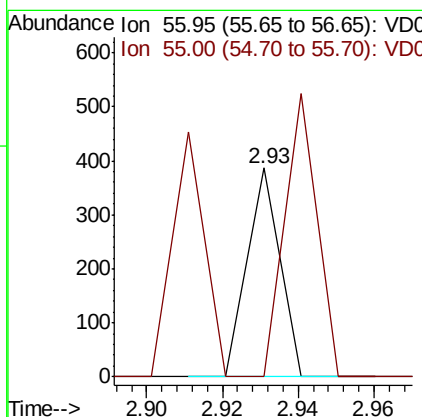
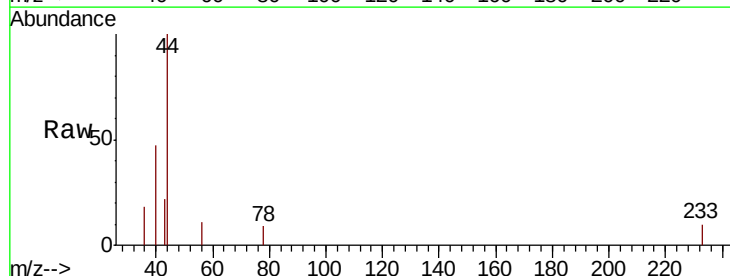
Instrument :
MSVOA_D
ClientSampleId :
SB-13 0.5-1.0 060719RE

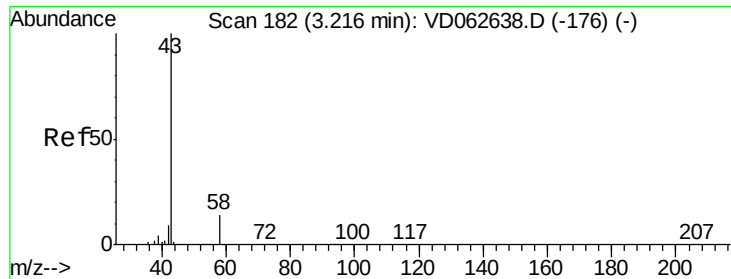
Tot Ion: 59 Resp: 2628
Ion Ratio Lower Upper
59 100
57 0.0 13.7 20.5#



#13
Acrolein
Concen: 3.500 ug/l
RT: 2.93 min Scan# 153
Delta R.T. -0.10 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Tgt Ion: 56 Resp: 229
Ion Ratio Lower Upper
56 100
55 0.0 59.4 89.0#





#16

Acetone

Concen: 321.817 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

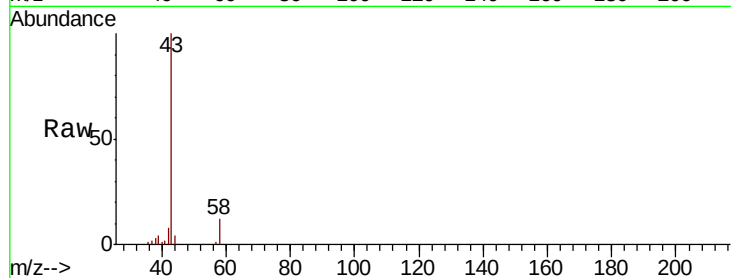
SB-13 0.5-1.0 060719RE

Tot Ion: 43 Resp: 291596

Ion Ratio Lower Upper

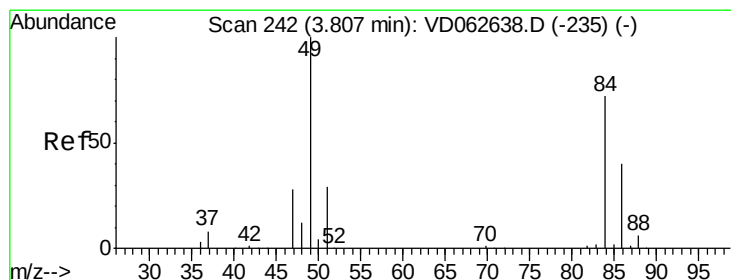
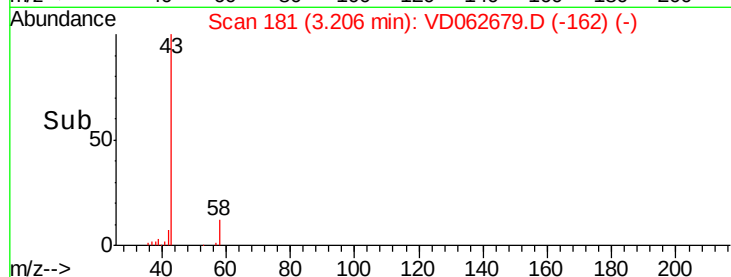
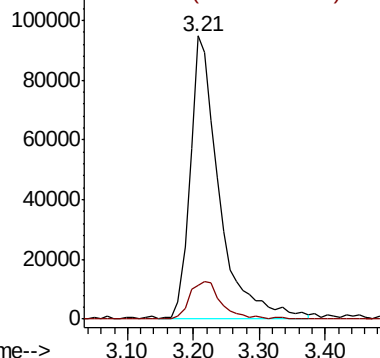
43 100

58 12.2 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 3.397 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Tgt Ion: 84 Resp: 13038

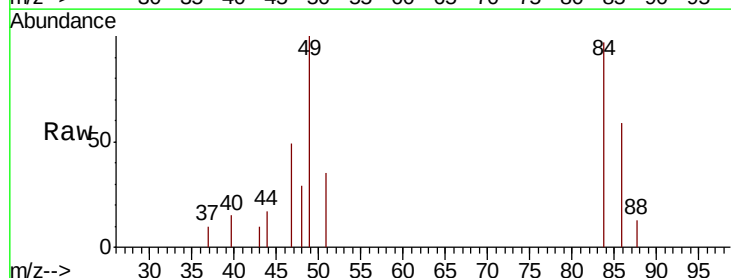
Ion Ratio Lower Upper

84 100

49 103.2 111.2 166.8#

51 36.3 31.9 47.9

86 60.8 44.7 67.1

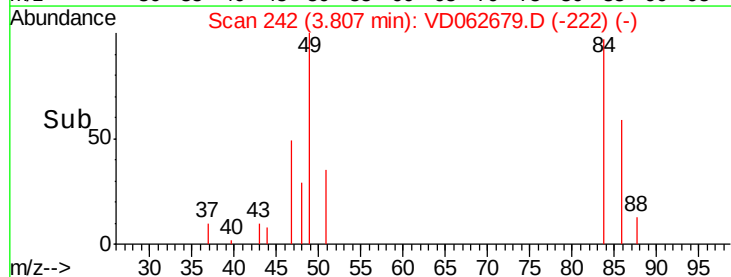
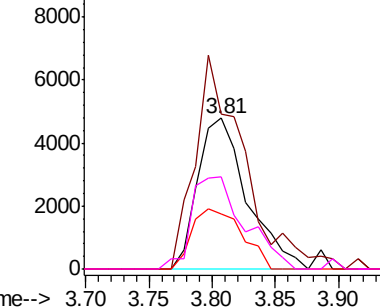


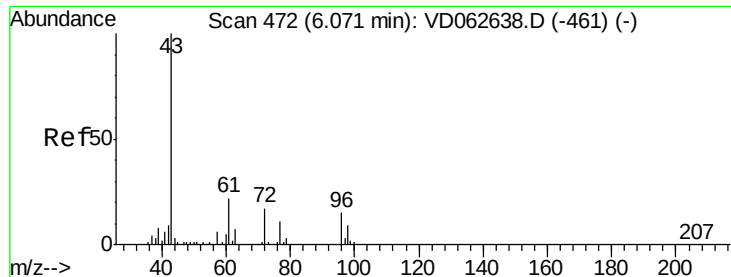
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 49.404 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.02 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

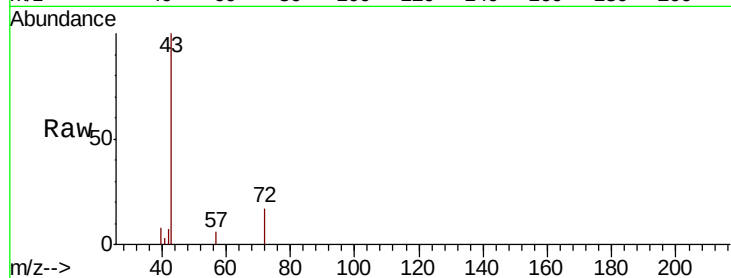
SB-13 0.5-1.0_060719RE

Tot Ion: 43 Resp: 43672

Ion Ratio Lower Upper

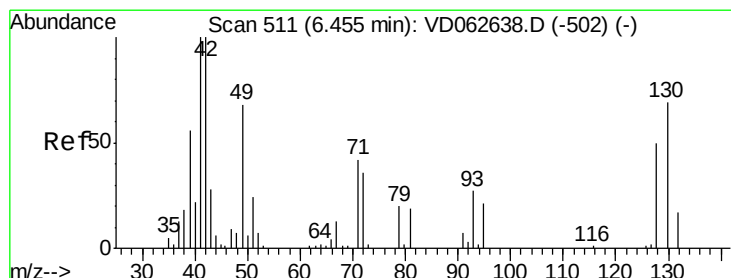
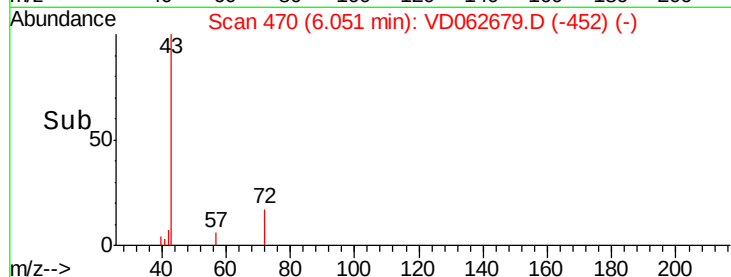
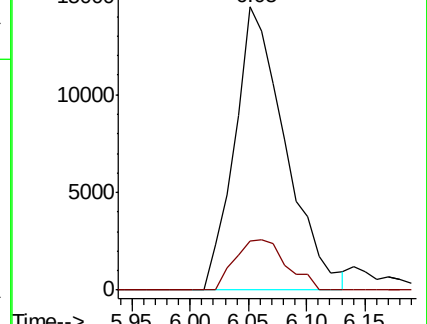
43 100

72 17.2 13.5 20.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 1.256 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.01 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

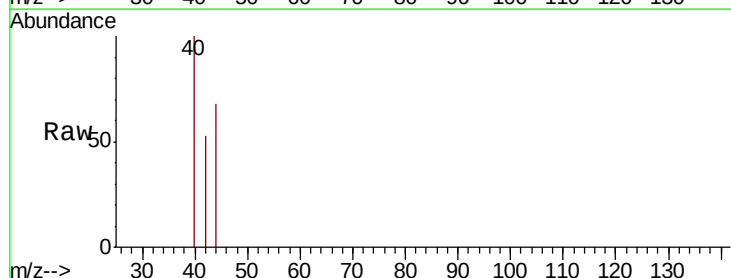
Tgt Ion: 42 Resp: 500

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

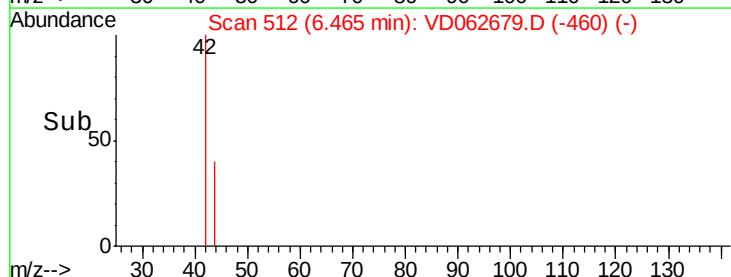
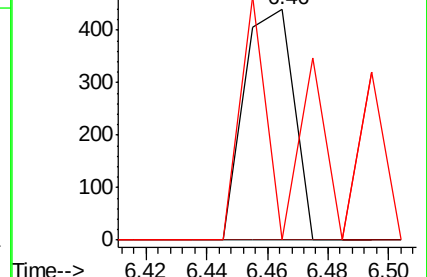
71 54.8 34.2 51.4#

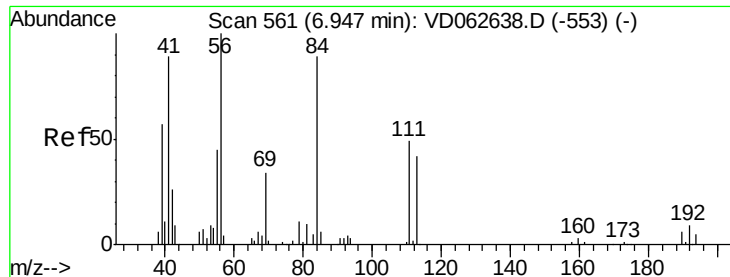


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

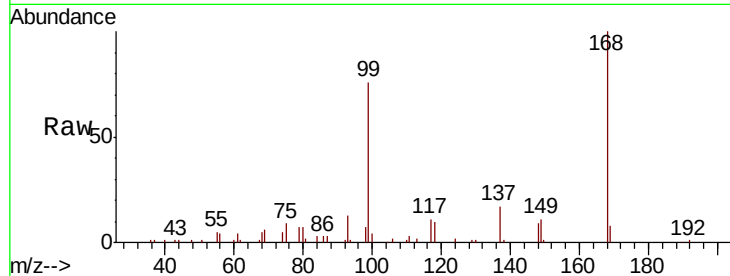




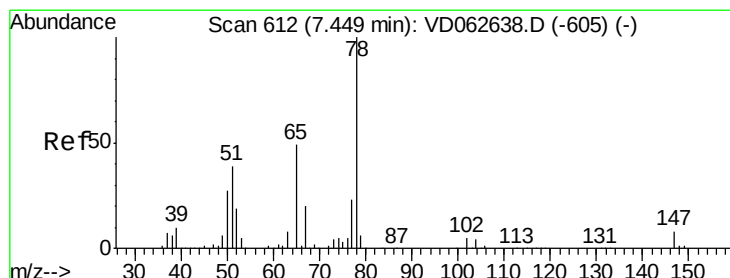
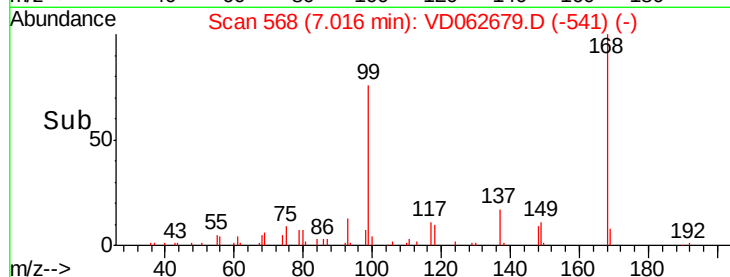
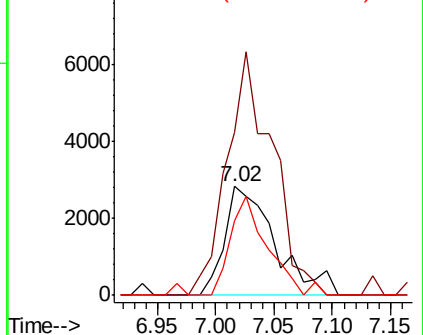
#31
Cyclohexane
Concen: 2.181 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.07 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Instrument :
MSVOA_D
ClientSampleId :
SB-13 0.5-1.0 060719RE

Tot Ion: 56 Resp: 8515
Ion Ratio Lower Upper
56 100
69 149.6 26.8 40.2#
84 68.4 73.9 110.9#

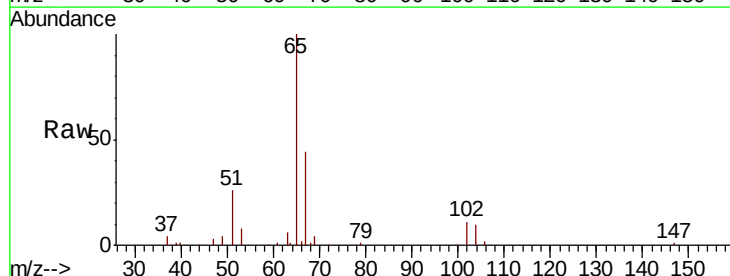


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

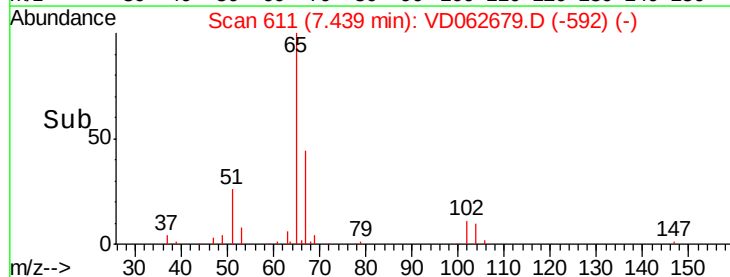
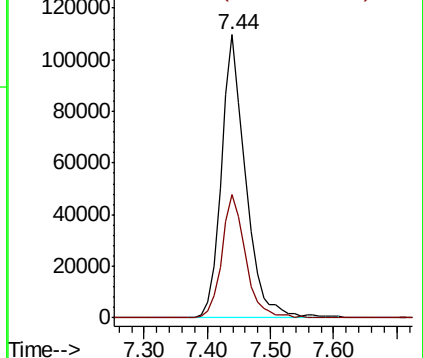


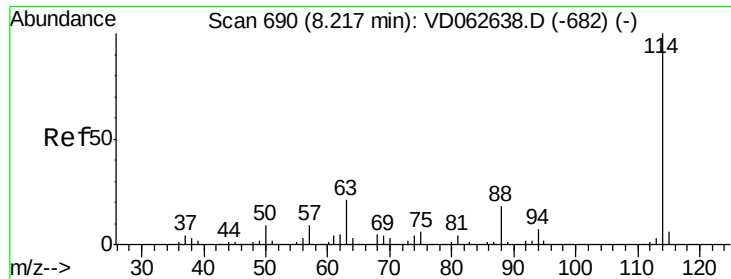
#33
1,2-Dichloroethane-d4
Concen: 59.111 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Tgt Ion: 65 Resp: 292493
Ion Ratio Lower Upper
65 100
67 43.7 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

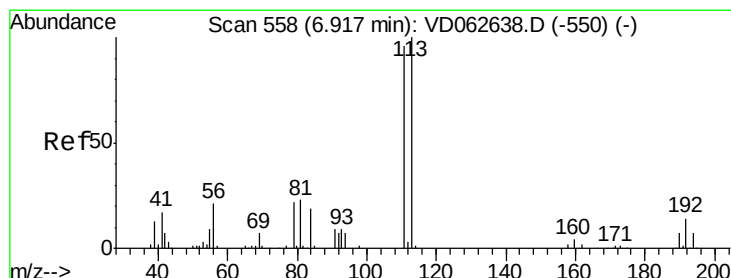
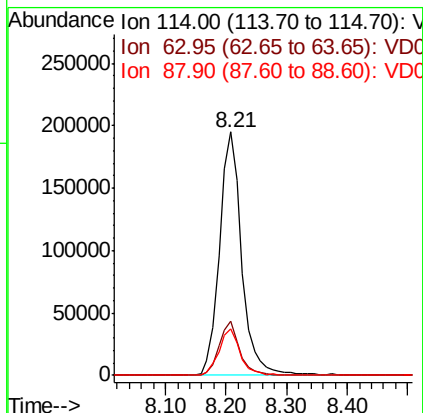
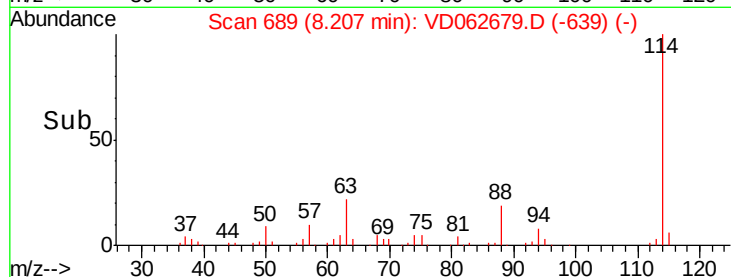
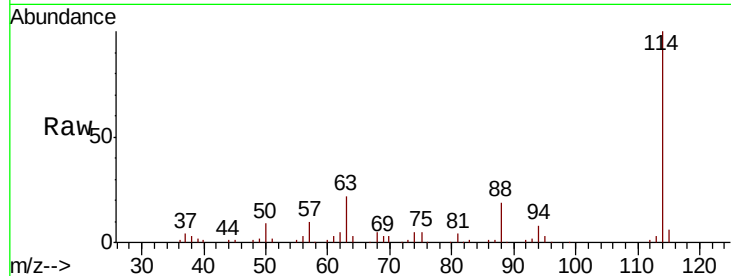




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

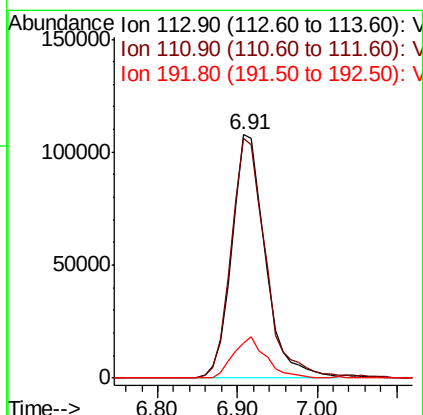
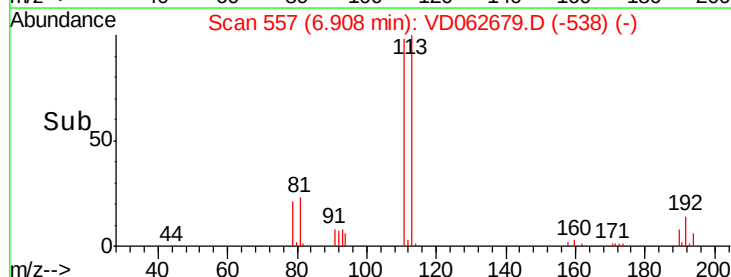
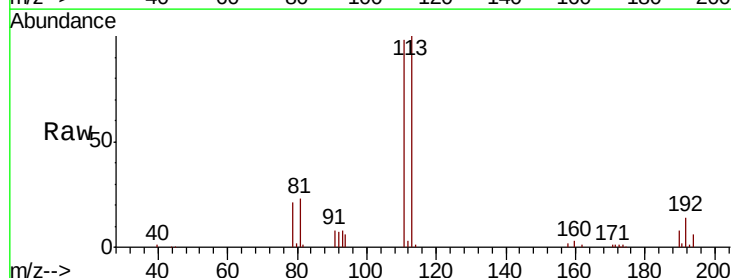
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13 0.5-1.0 060719RE

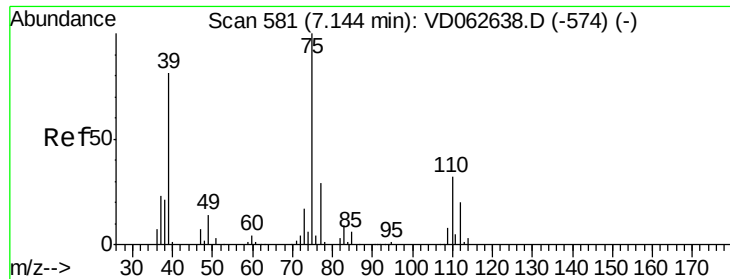
Tot Ion:114 Resp: 495679
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.4
 88 18.9 0.0 36.8



#35
 Dibromofluoromethane
 Concen: 60.346 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

Tgt Ion:113 Resp: 315464
 Ion Ratio Lower Upper
 113 100
 111 98.4 76.4 114.6
 192 14.3 11.4 17.0





#36

1,1-Dichloropropene

Concen: 4.639 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

SB-13 0.5-1.0 060719RE

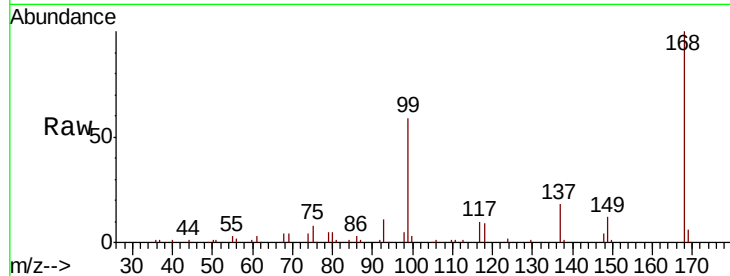
Tot Ion: 75 Resp: 26320

Ion Ratio Lower Upper

75 100

110 16.1 15.9 47.7

77 0.0 23.3 34.9#



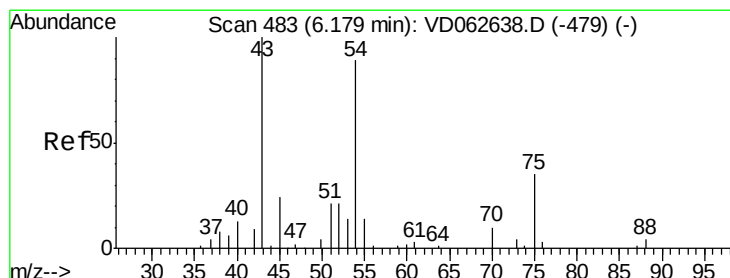
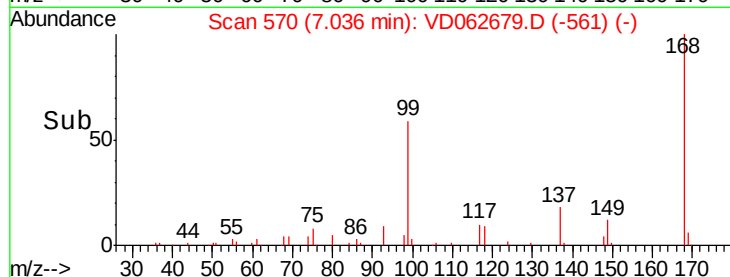
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC

7.04

Time-->



#37

Ethyl Acetate

Concen: 18.822 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.13 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

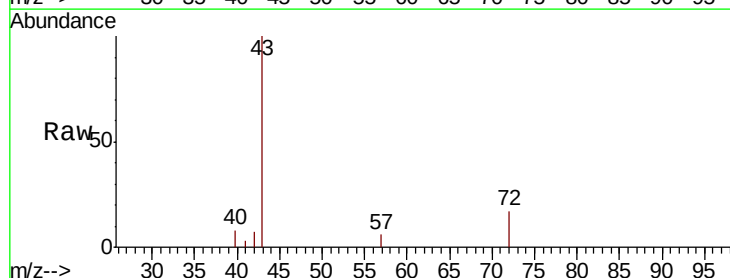
Tgt Ion: 43 Resp: 43672

Ion Ratio Lower Upper

43 100

61 0.0 8.7 13.1#

70 0.0 6.5 9.7#



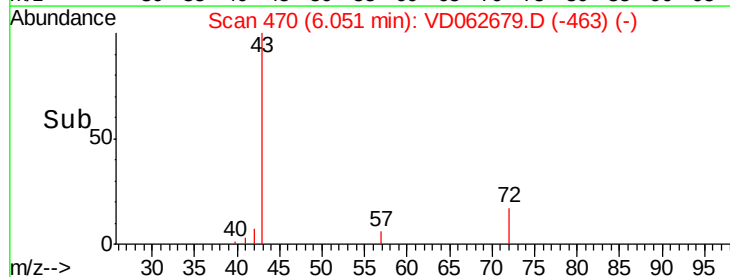
Abundance Ion 42.95 (42.65 to 43.65): VDC

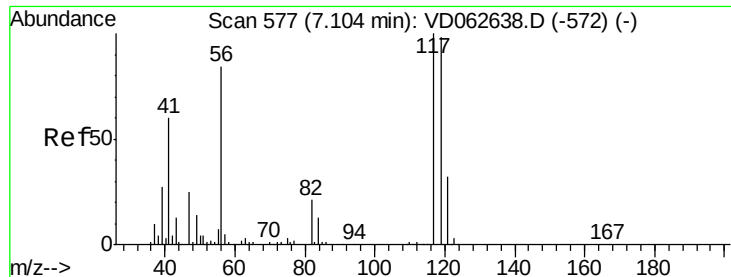
Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

6.05

Time-->

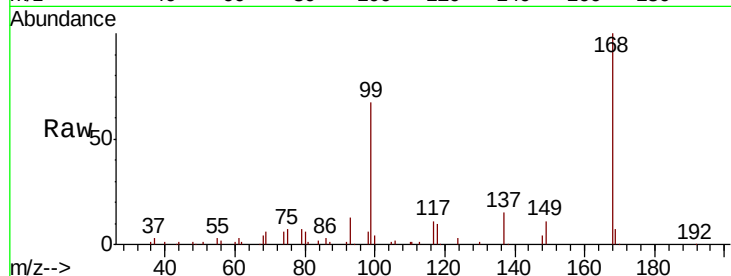




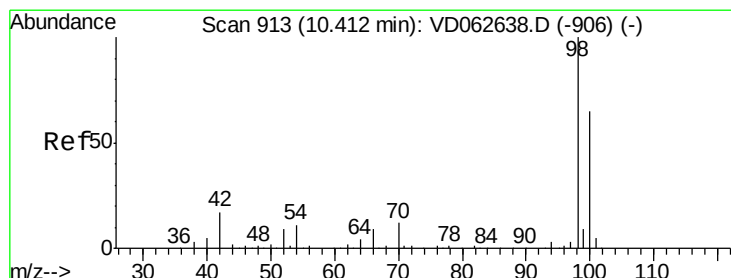
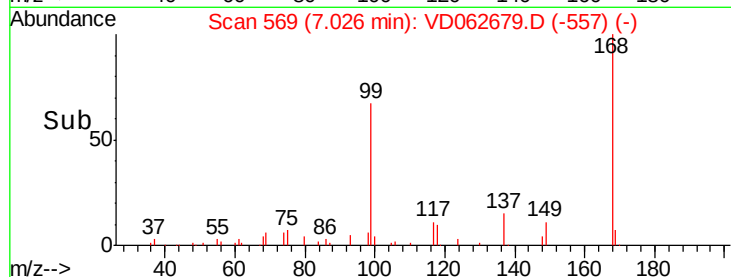
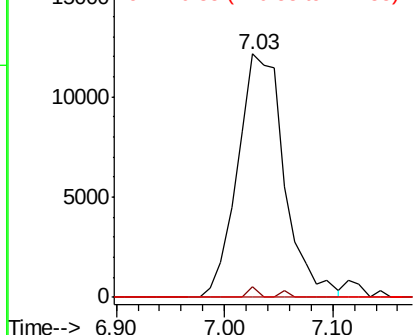
#38
Carbon Tetrachloride
Concen: 4.082 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.08 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Instrument :
MSVOA_D
ClientSampleId :
SB-13 0.5-1.0_060719RE

Tot Ion:117 Resp: 36606
Ion Ratio Lower Upper
117 100
119 4.4 73.5 110.3#
121 0.0 24.2 36.4#

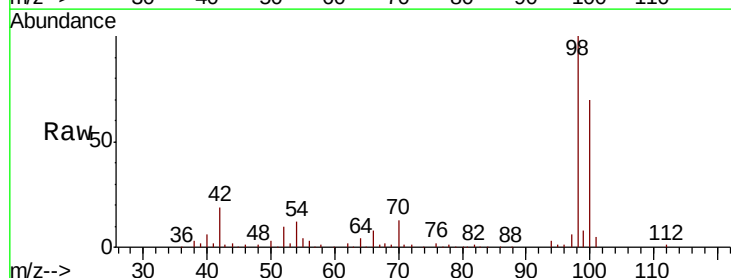


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

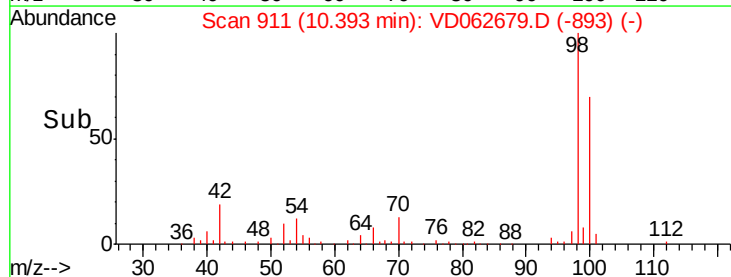
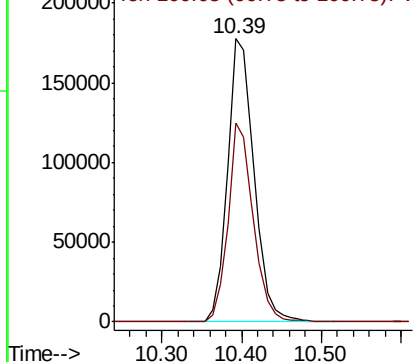


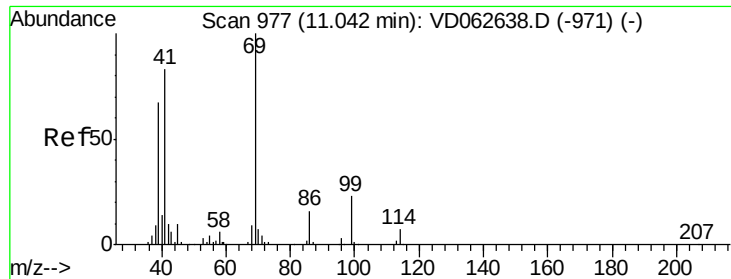
#50
Toluene-d8
Concen: 37.765 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Tgt Ion: 98 Resp: 415306
Ion Ratio Lower Upper
98 100
100 70.2 52.1 78.1



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





#56

Ethyl methacrylate

Concen: 5.193 ug/l

RT: 11.09 min Scan# 982

Delta R.T. 0.05 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

SB-13 0.5-1.0 060719RE

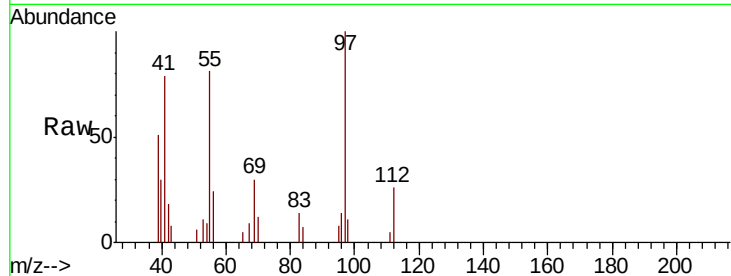
Tot Ion: 69 Resp: 4186

Ion Ratio Lower Upper

69 100

41 261.2 66.2 99.4#

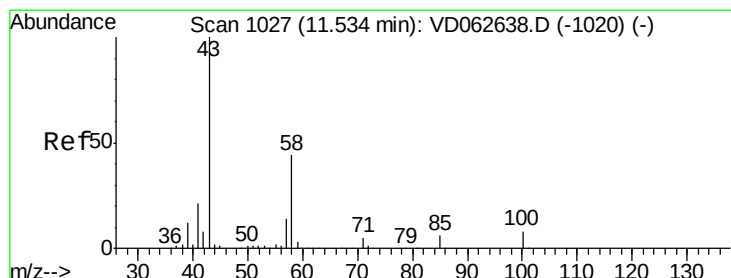
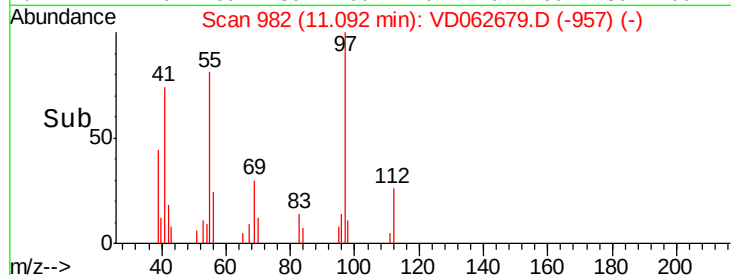
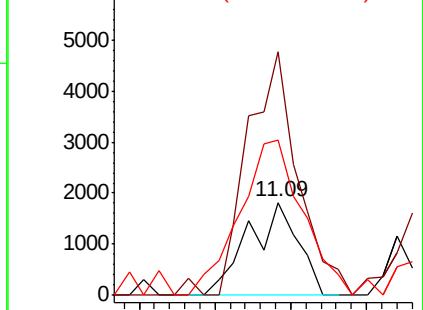
39 167.1 53.8 80.8#



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: 28.760 ug/l

RT: 11.48 min Scan# 1021

Delta R.T. -0.06 min

Lab File: VD062679.D

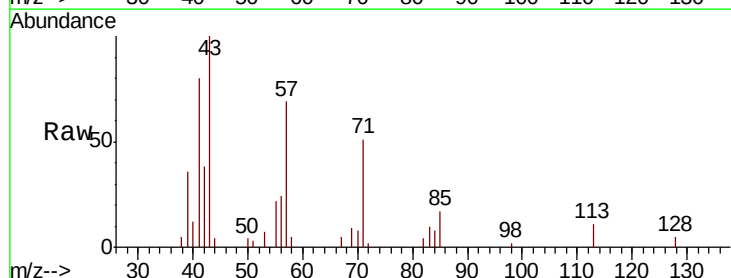
Acq: 12 Jun 2019 17:30

Tgt Ion: 43 Resp: 44809

Ion Ratio Lower Upper

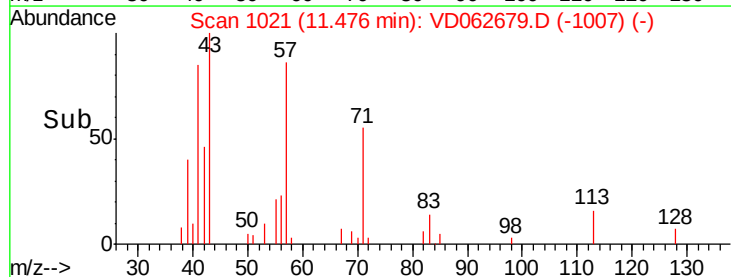
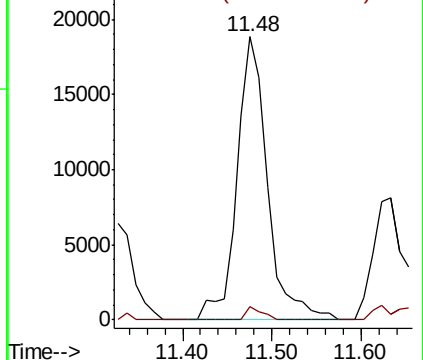
43 100

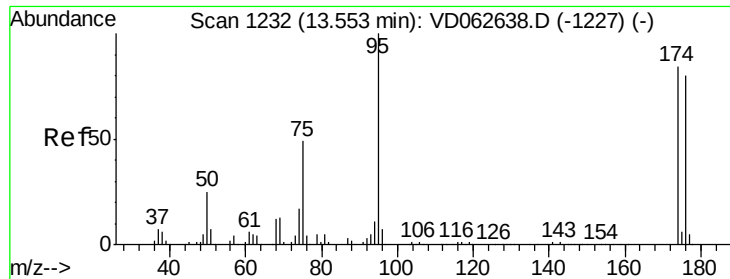
58 4.6 21.8 65.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

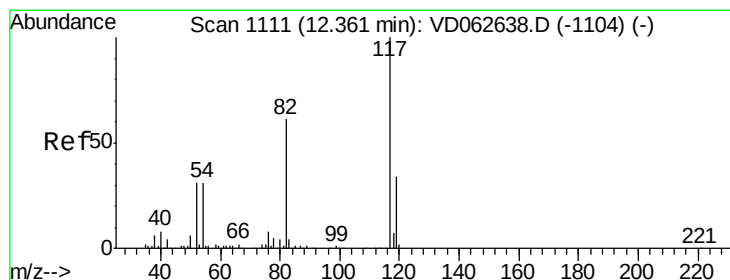
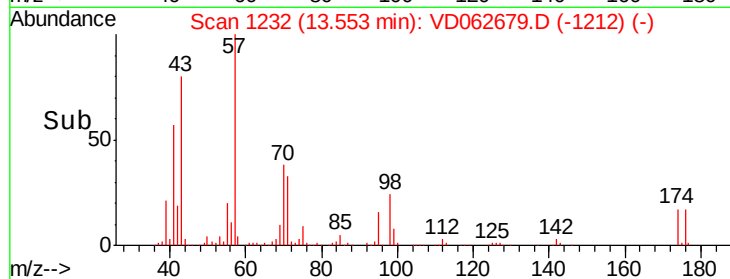
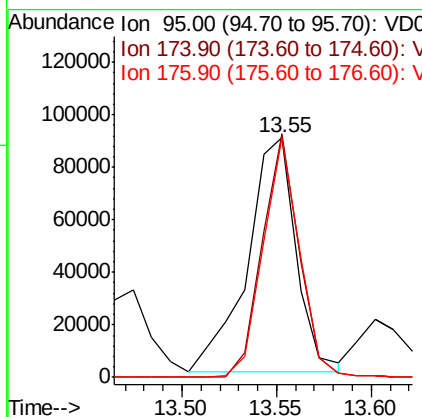
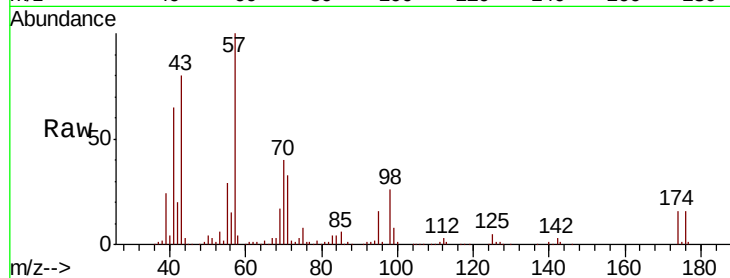




#62
4-Bromofluorobenzene
Concen: 31.260 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

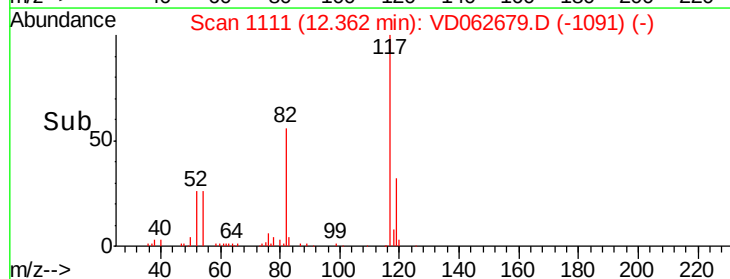
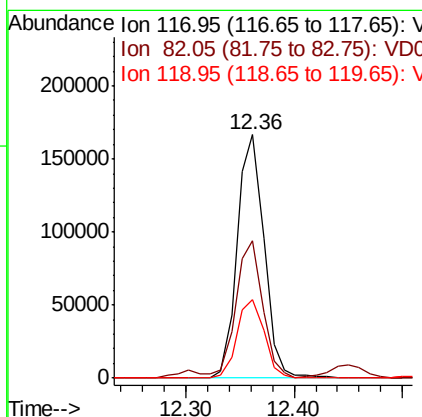
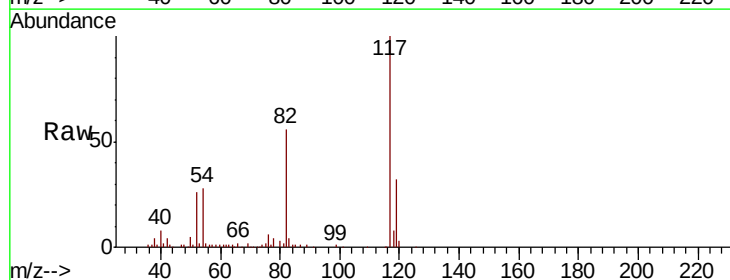
Instrument :
MSVOA_D
ClientSampleId :
SB-13 0.5-1.0_060719RE

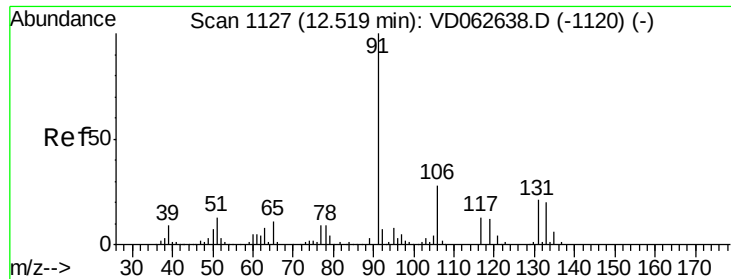
Tot Ion	95	Resp	160377
Ion Ratio	100		
Lower			
Upper			
174	101.6	0.0	167.0
176	99.9	0.0	159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Tgt Ion	117	Resp	287449
Ion Ratio	100		
Lower			
Upper			
82	56.3	48.7	73.1
119	32.0	27.0	40.6

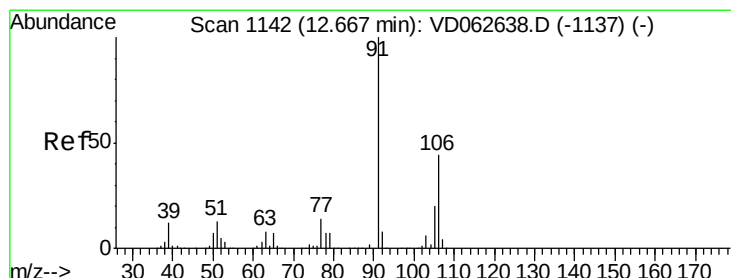
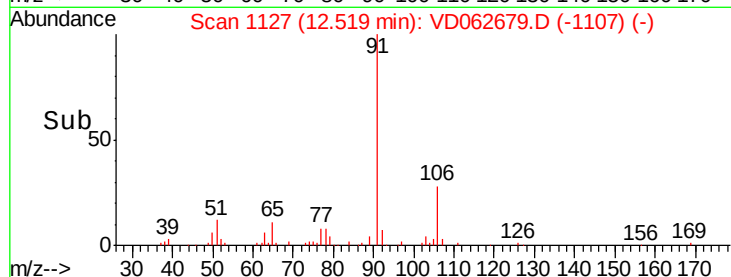
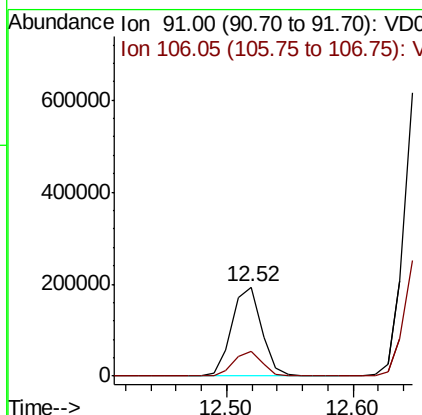
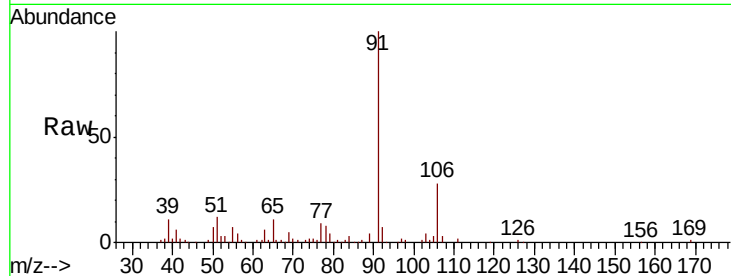




#67
Ethyl Benzene
Concen: 28.205 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

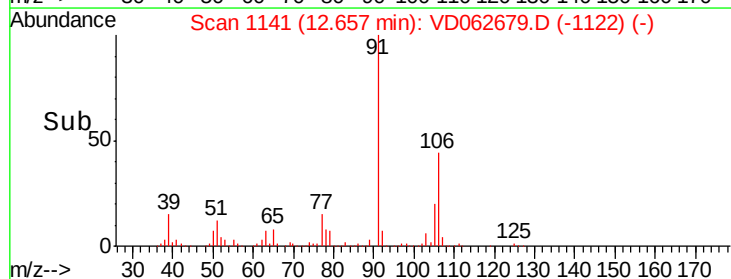
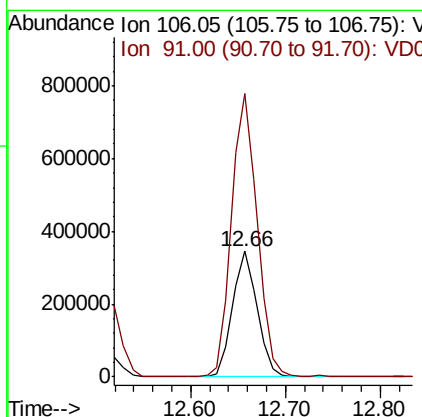
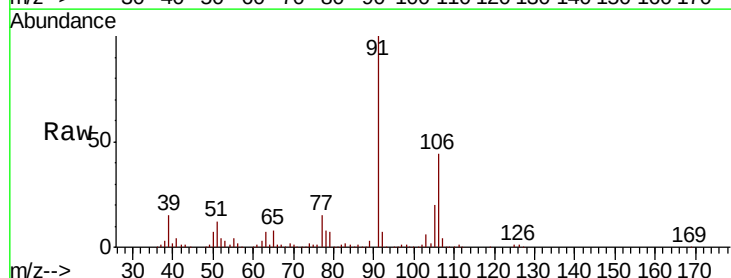
Instrument :
MSVOA_D
ClientSampleId :
SB-13 0.5-1.0 060719RE

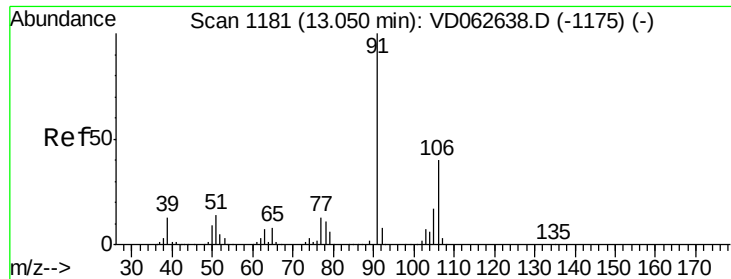
Tot Ion: 91 Resp: 317966
Ion Ratio Lower Upper
91 100
106 27.7 22.1 33.1



#68
m/p-Xylenes
Concen: 157.717 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Tgt Ion: 106 Resp: 625062
Ion Ratio Lower Upper
106 100
91 225.5 180.2 270.4

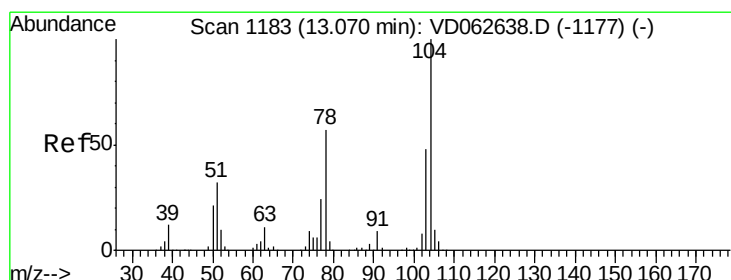
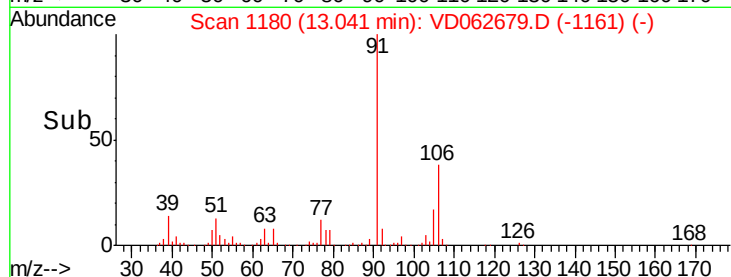
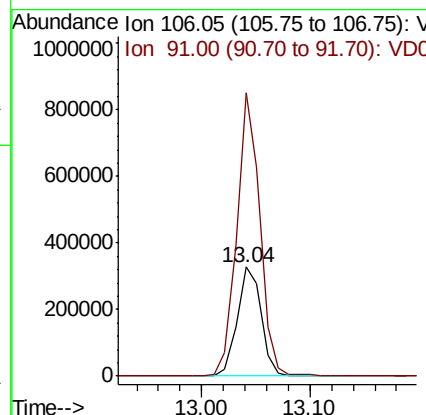
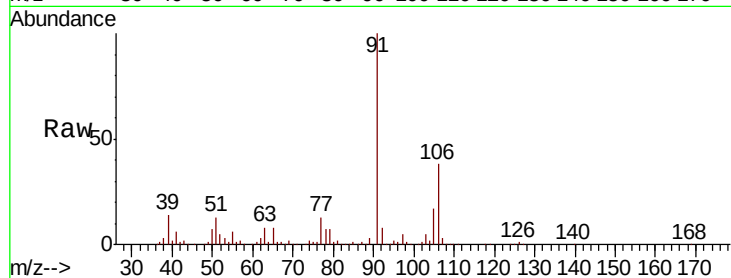




#69
o-Xylene
Concen: 138.478 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

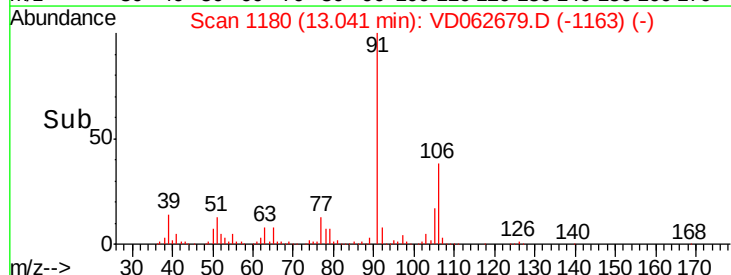
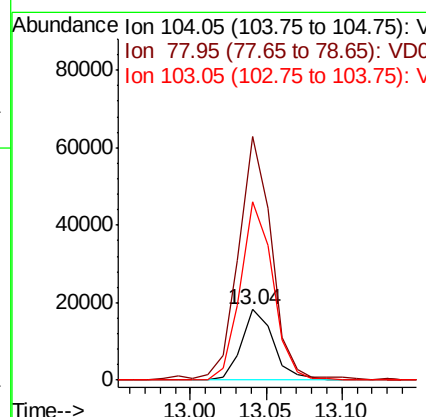
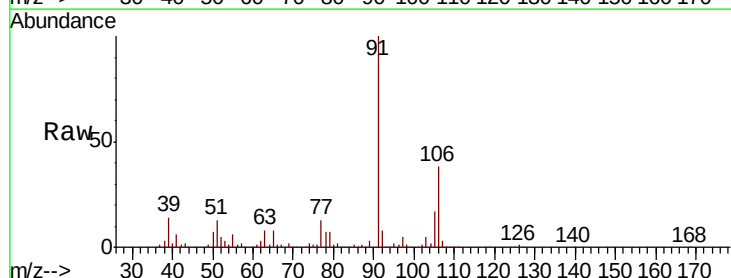
Instrument :
MSVOA_D
ClientSampleId :
SB-13 0.5-1.0 060719RE

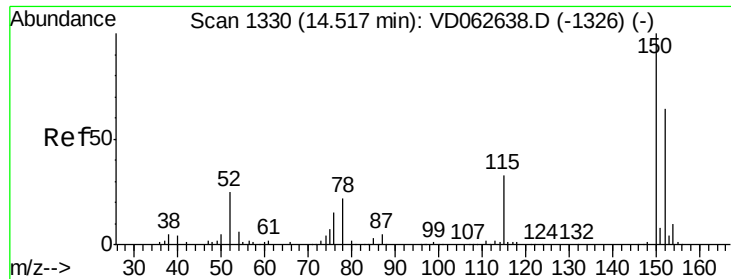
Tot Ion:106 Resp: 504033
Ion Ratio Lower Upper
106 100
91 260.3 124.1 372.1



#70
Styrene
Concen: 4.103 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.03 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Tgt Ion:104 Resp: 26644
Ion Ratio Lower Upper
104 100
78 346.8 45.9 68.9#
103 254.2 38.4 57.6#

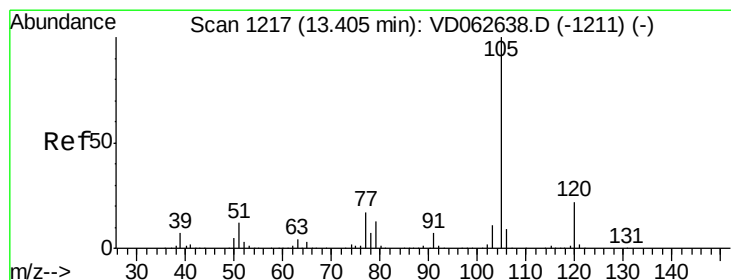
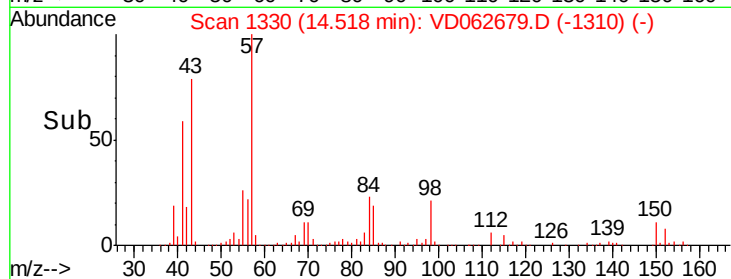
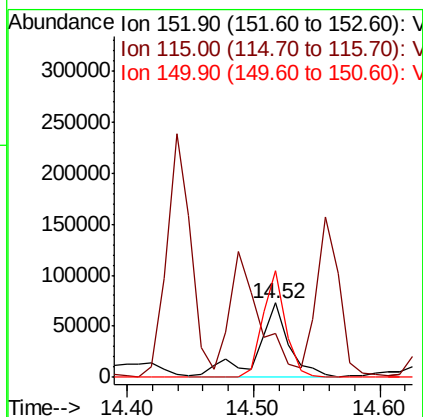
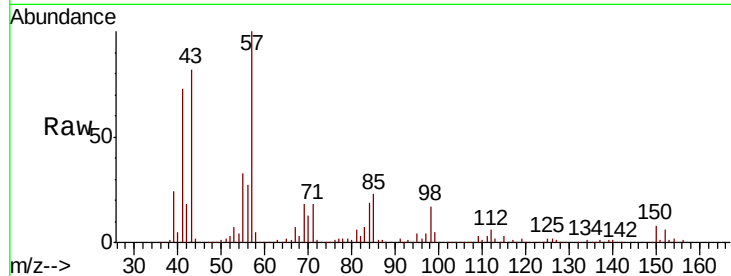




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

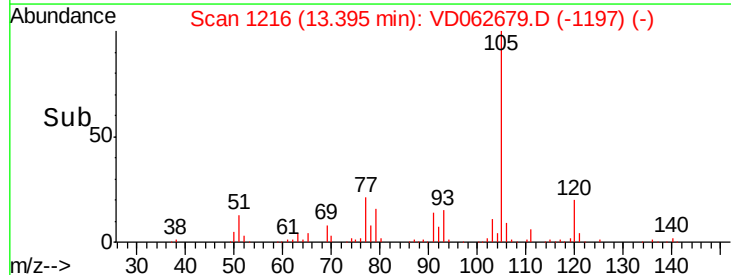
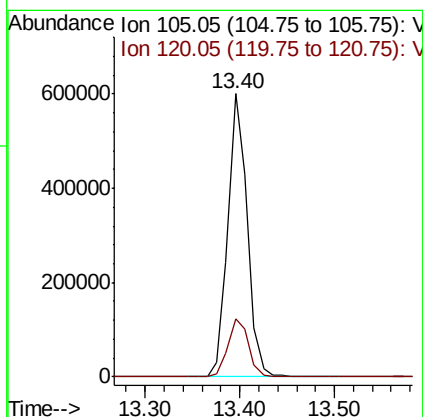
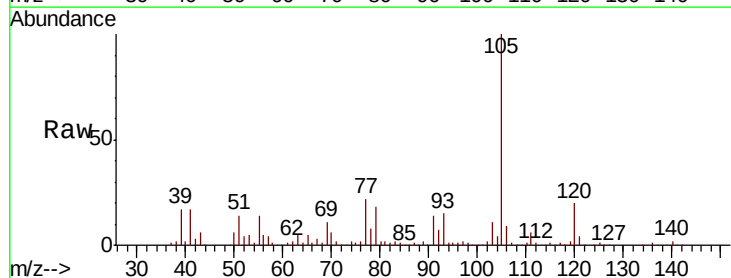
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13 0.5-1.0_060719RE

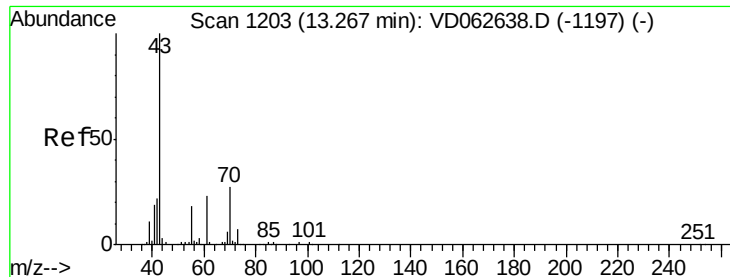
Tot Ion:152 Resp: 122518
 Ion Ratio Lower Upper
 152 100
 115 58.6 30.1 90.5
 150 142.4 0.0 314.0



#73
 Isopropylbenzene
 Concen: 98.442 ug/l
 RT: 13.40 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

Tgt Ion:105 Resp: 850111
 Ion Ratio Lower Upper
 105 100
 120 20.5 10.9 32.7





#74

N-amvl acetate

Concen: 163.654 ug/l

RT: 13.22 min Scan# 1198

Delta R.T. -0.05 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

SB-13 0.5-1.0 060719RE

Tot Ion: 43 Resp: 381945

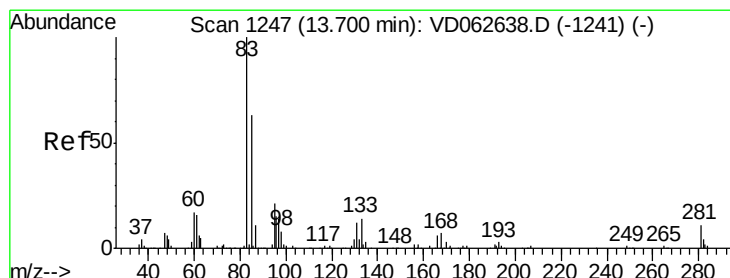
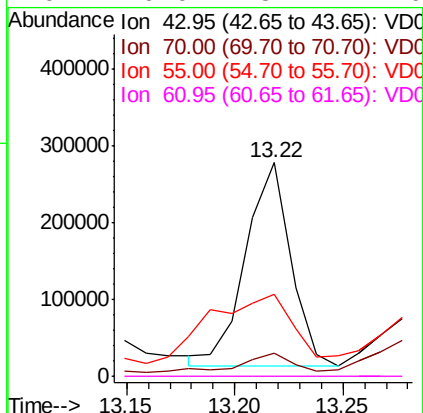
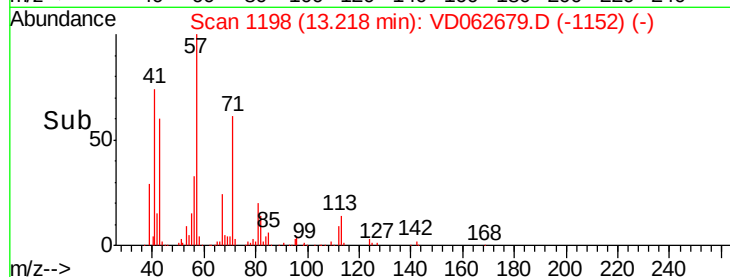
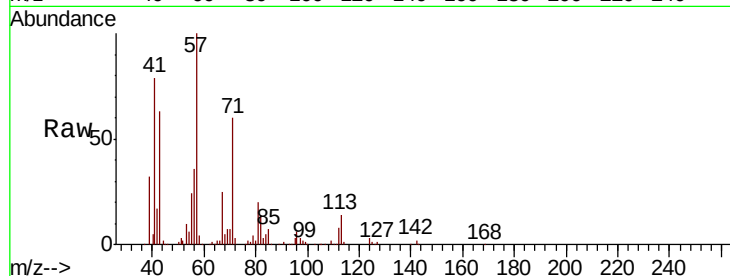
Ion Ratio Lower Upper

43 100

70 10.6 21.8 32.8#

55 38.6 14.6 21.8#

61 0.0 18.4 27.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 71.961 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

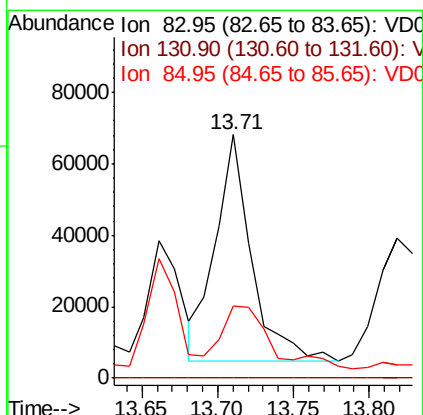
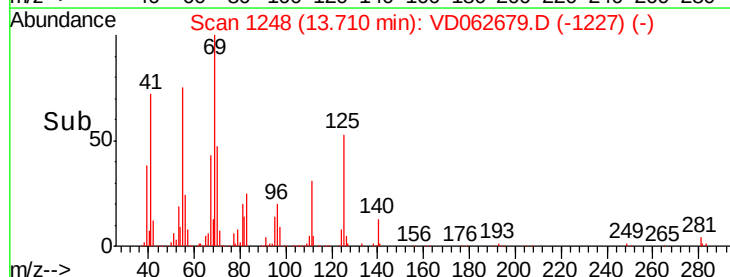
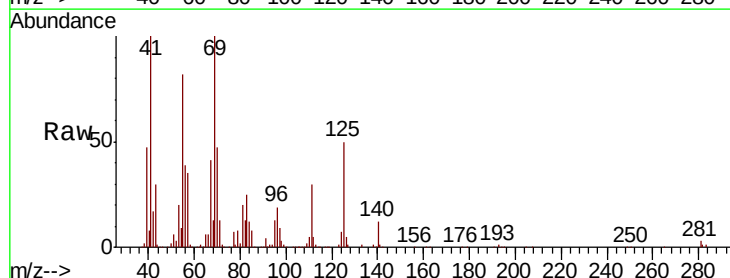
Tgt Ion: 83 Resp: 106331

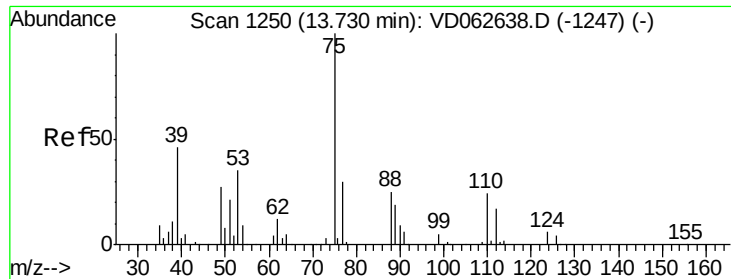
Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

85 29.8 31.3 93.9#

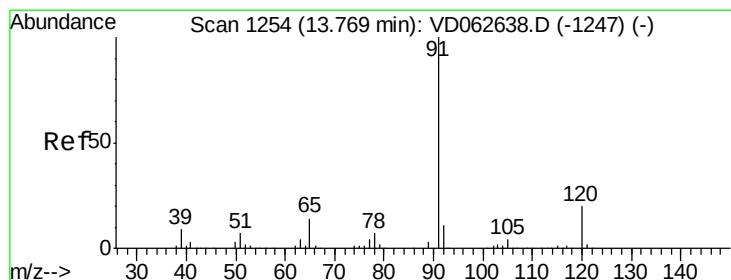
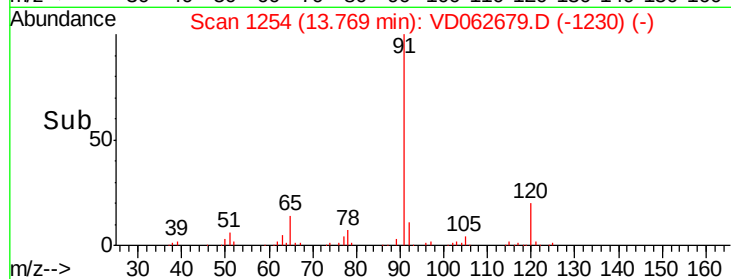
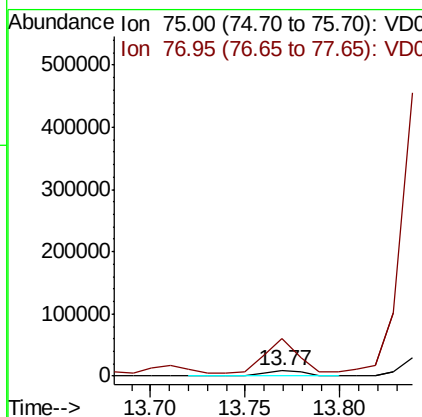
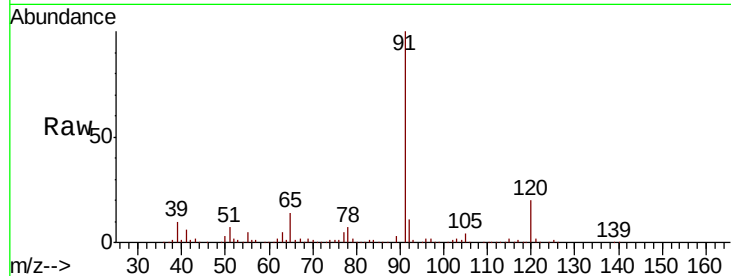




#76
 1,2,3-Trichloropropane
 Concen: 8.226 ug/l
 RT: 13.77 min Scan# 1254
 Delta R.T. 0.04 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

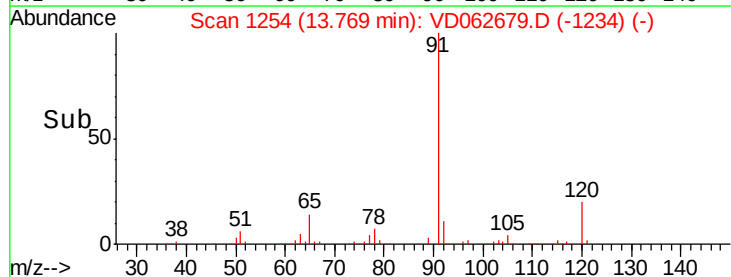
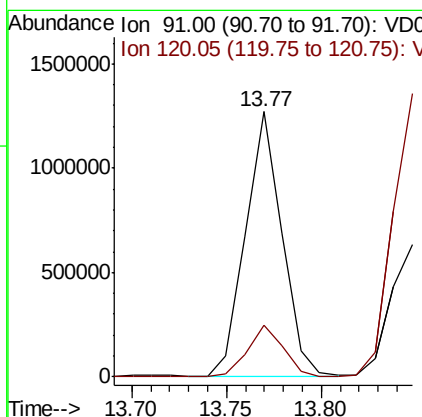
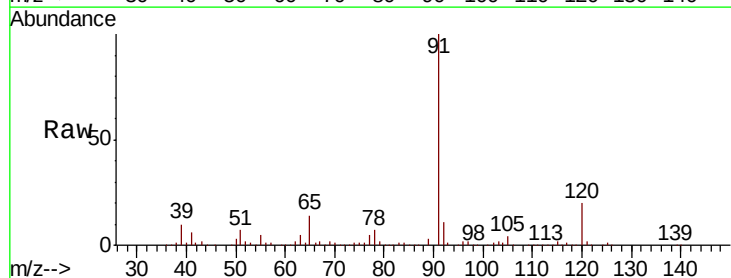
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13 0.5-1.0 060719RE

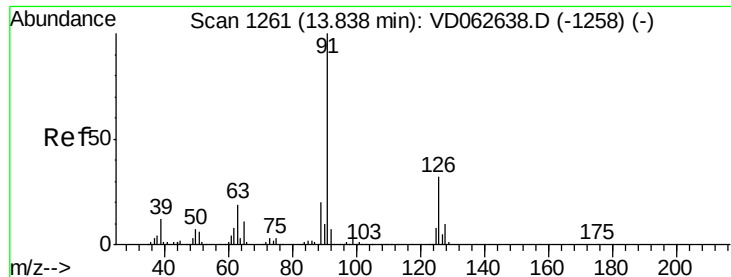
Tot Ion: 75 Resp: 13665
 Ion Ratio Lower Upper
 75 100
 77 705.0 16.2 48.6#



#78
 n-propylbenzene
 Concen: 160.186 ug/l
 RT: 13.77 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

Tgt Ion: 91 Resp: 1693258
 Ion Ratio Lower Upper
 91 100
 120 19.7 9.8 29.5

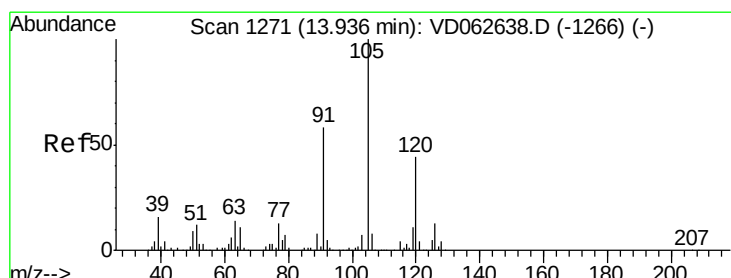
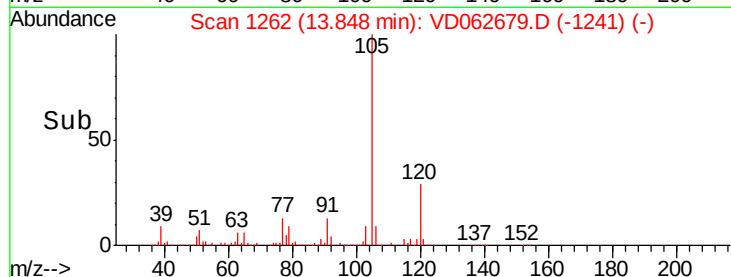
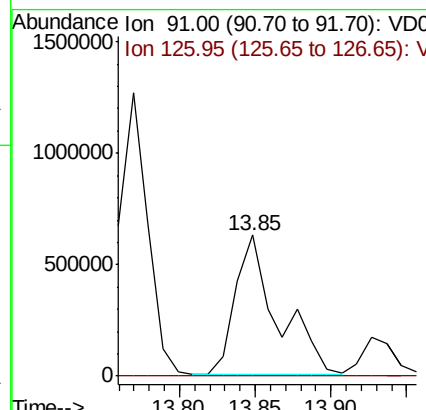
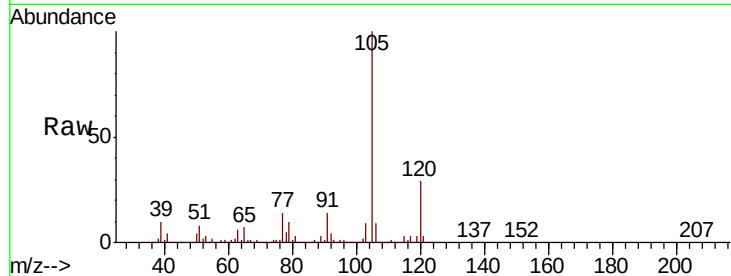




#79
 2-Chlorotoluene
 Concen: 196.818 ug/l
 RT: 13.85 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

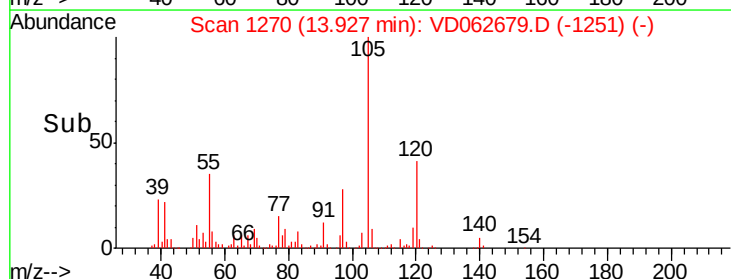
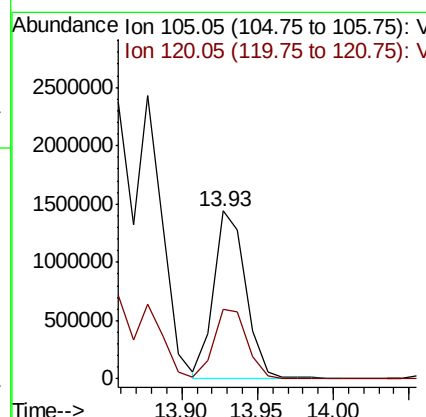
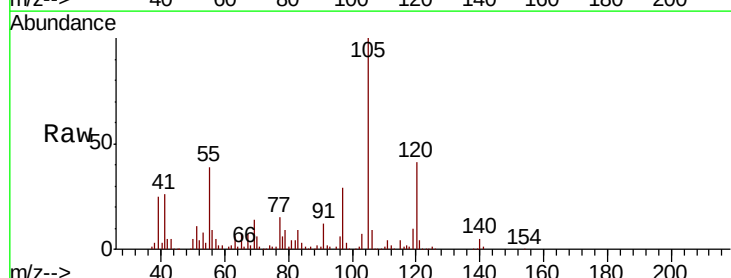
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13 0.5-1.0 060719RE

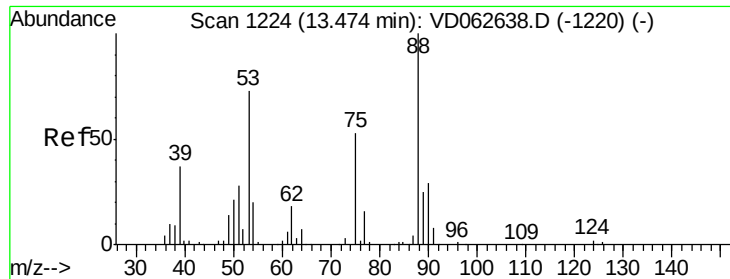
Tot Ion: 91 Resp: 1218157
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 276.758 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

Tgt Ion: 105 Resp: 2112245
 Ion Ratio Lower Upper
 105 100
 120 41.3 22.1 66.5

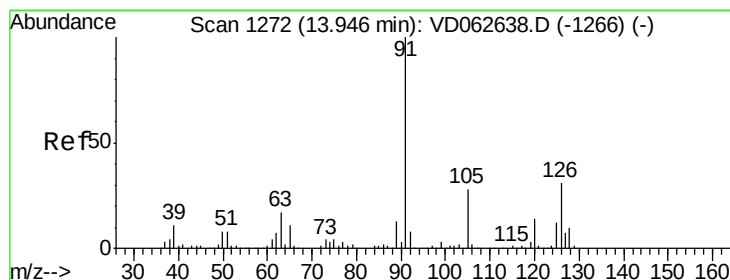
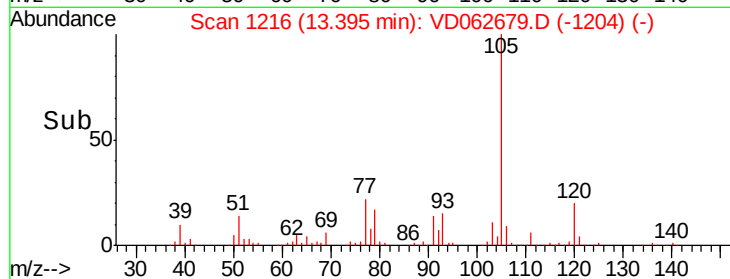
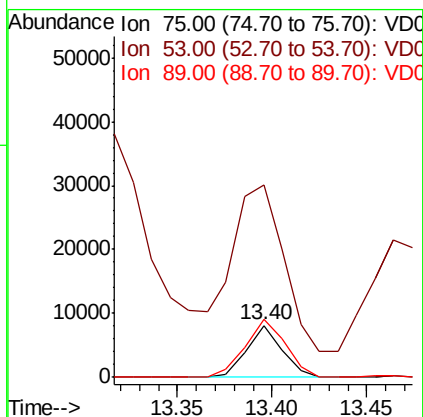
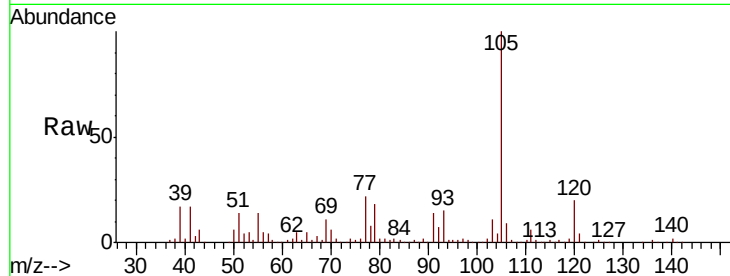




#81
trans-1,4-Dichloro-2-butene
Concen: 23.636 ug/l
RT: 13.40 min Scan# 1216
Delta R.T. -0.08 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

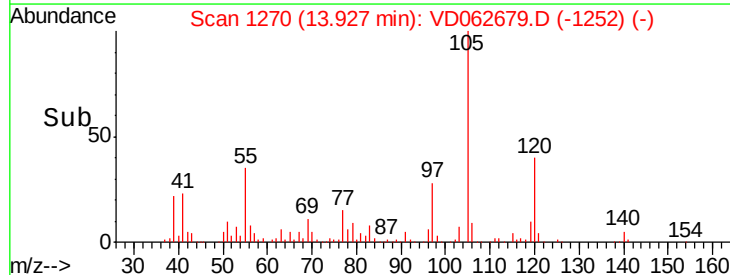
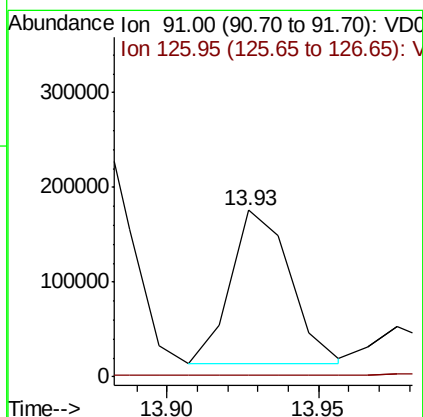
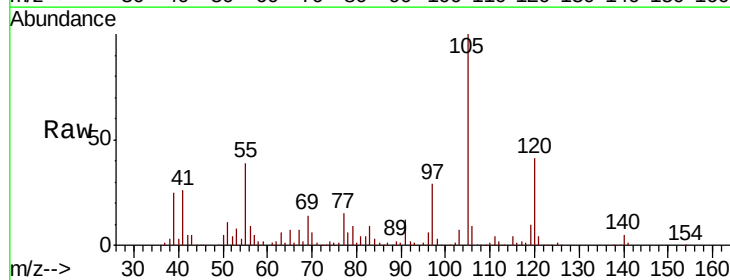
Instrument :
MSVOA_D
ClientSampleId :
SB-13 0.5-1.0 060719RE

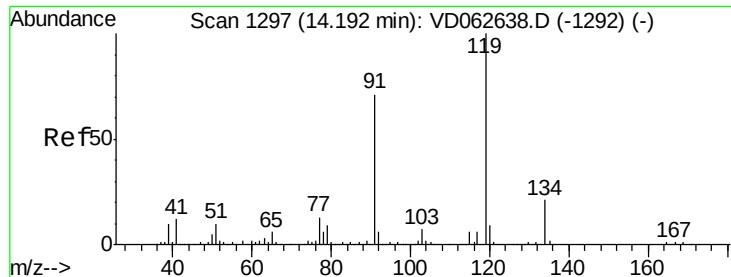
Tot Ion: 75 Resp: 10547
Ion Ratio Lower Upper
75 100
53 372.3 109.4 164.2#
89 111.6 37.0 55.6#



#82
4-Chlorotoluene
Concen: 29.722 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. -0.02 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Tgt Ion: 91 Resp: 219990
Ion Ratio Lower Upper
91 100
126 1.0 15.6 46.8#





#83

tert-Butylbenzene

Concen: 107.134 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.05 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

SB-13 0.5-1.0 060719RE

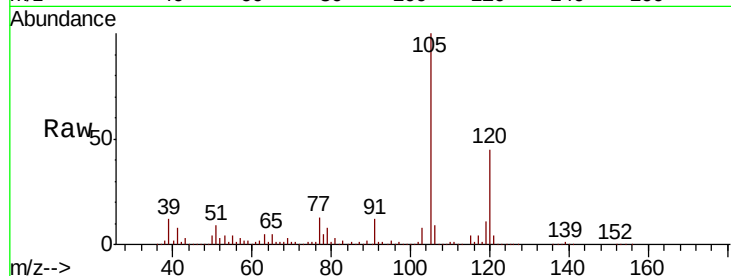
Tot Ion:119 Resp: 901838

Ion Ratio Lower Upper

119 100

91 102.0 35.4 106.1

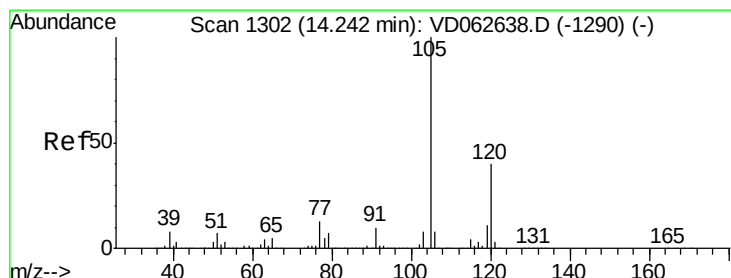
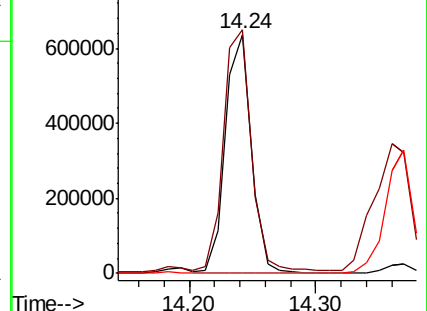
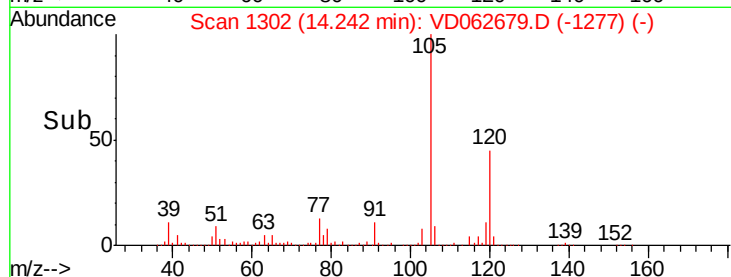
134 0.0 10.8 32.3#



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: 1081.481 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VD062679.D

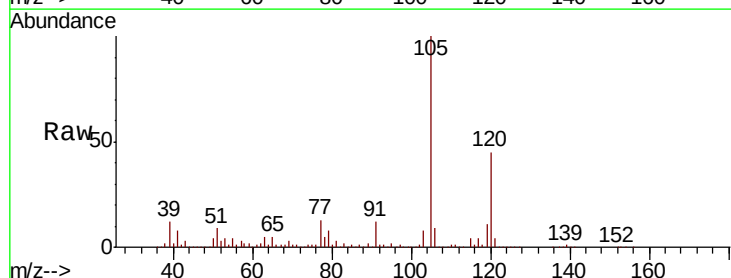
Acq: 12 Jun 2019 17:30

Tgt Ion:105 Resp: 8172380

Ion Ratio Lower Upper

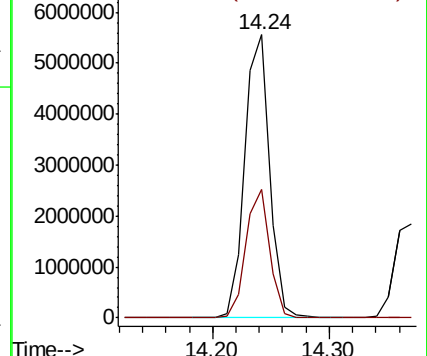
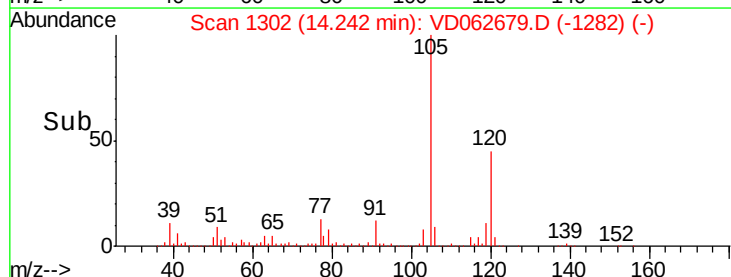
105 100

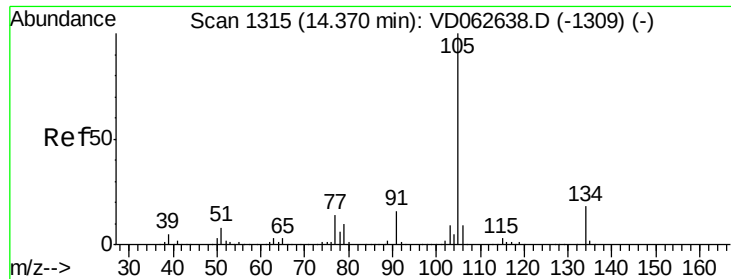
120 45.4 20.3 60.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

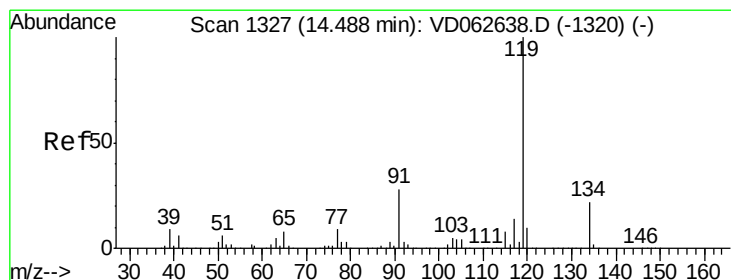
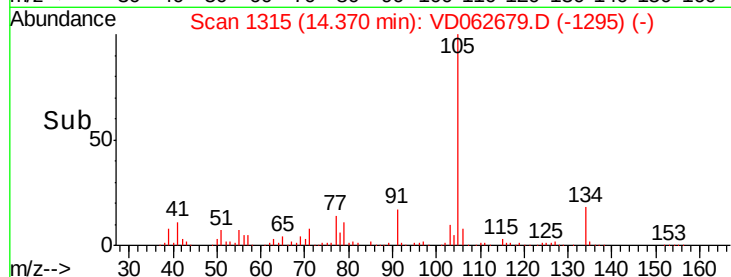
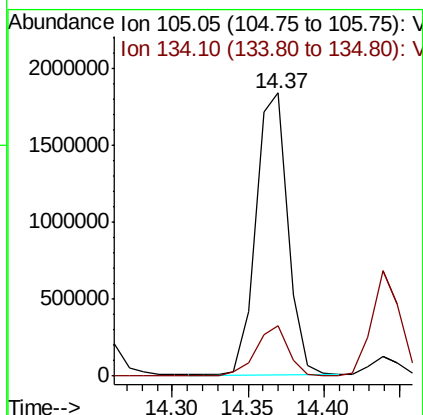
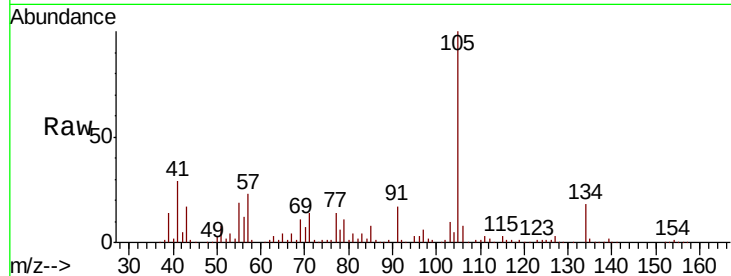




#85
 sec-Butylbenzene
 Concen: 305.398 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

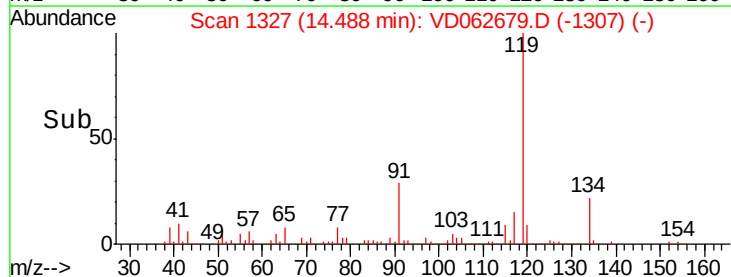
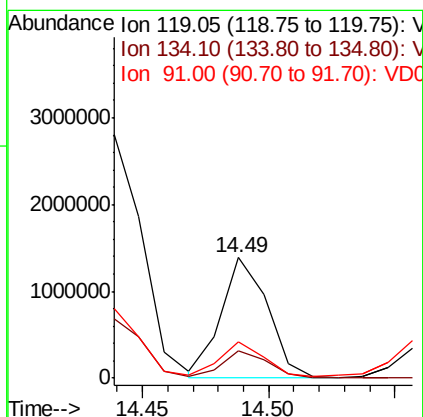
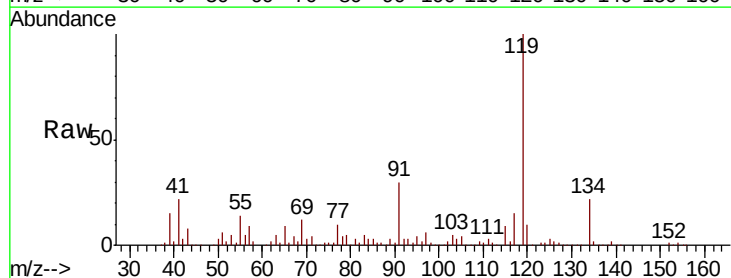
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13 0.5-1.0_060719RE

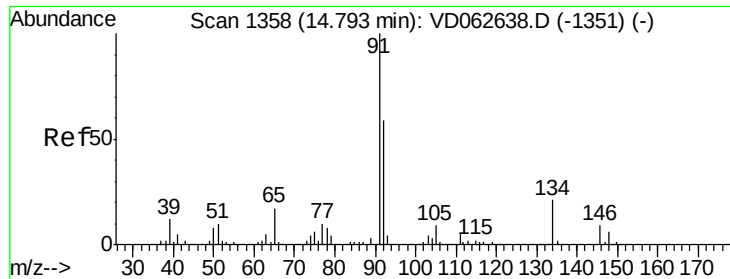
Tot Ion:105 Resp: 2695743
 Ion Ratio Lower Upper
 105 100
 134 17.9 8.8 26.2



#86
 p-Isopropyltoluene
 Concen: 204.257 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VD062679.D
 Acq: 12 Jun 2019 17:30

Tgt Ion:119 Resp: 1755426
 Ion Ratio Lower Upper
 119 100
 134 22.1 10.9 32.6
 91 29.8 13.9 41.6





#89

n-Butylbenzene

Concen: 361.451 ug/l

RT: 14.78 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

SB-13 0.5-1.0_060719RE

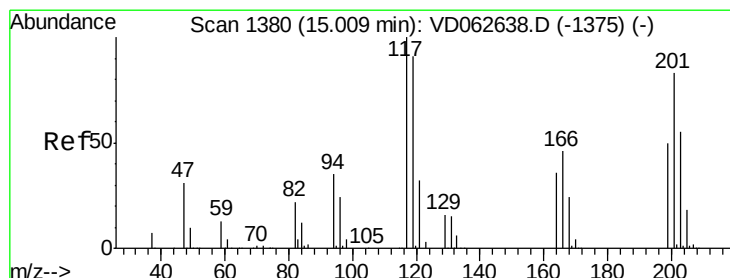
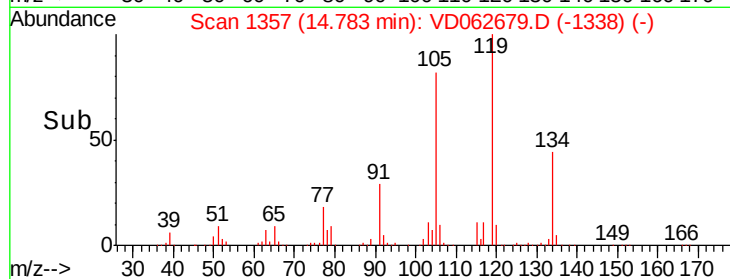
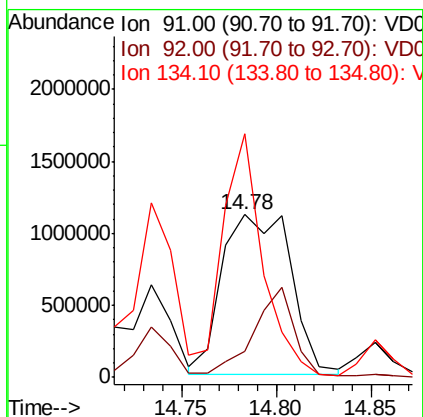
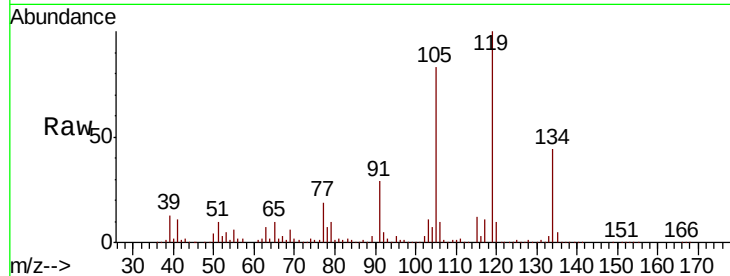
Tot Ion: 91 Resp: 2794594

Ion Ratio Lower Upper

91 100

92 15.7 29.4 88.3#

134 149.9 10.4 31.2#



#90

Hexachloroethane

Concen: 386.933 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VD062679.D

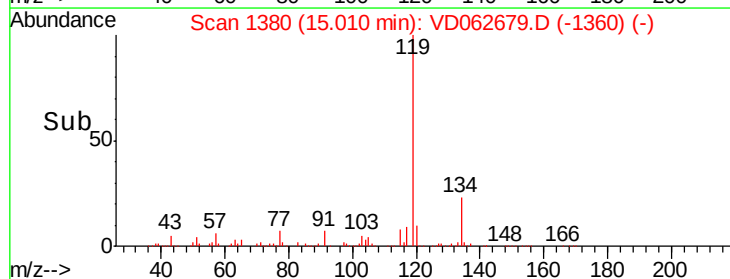
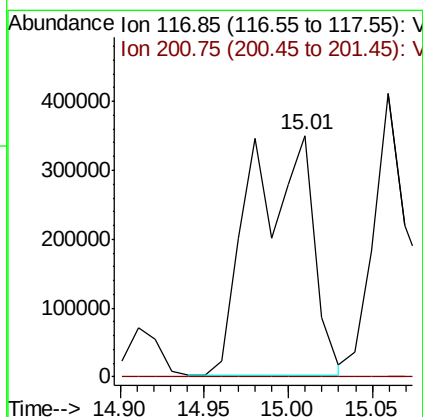
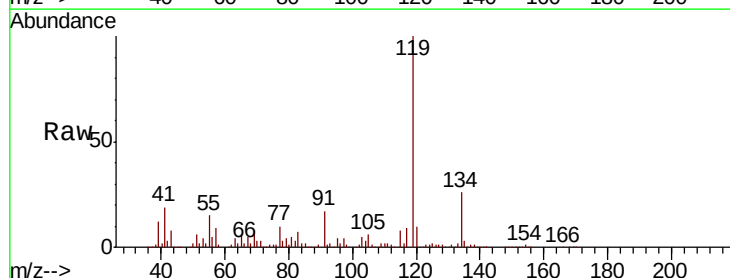
Acq: 12 Jun 2019 17:30

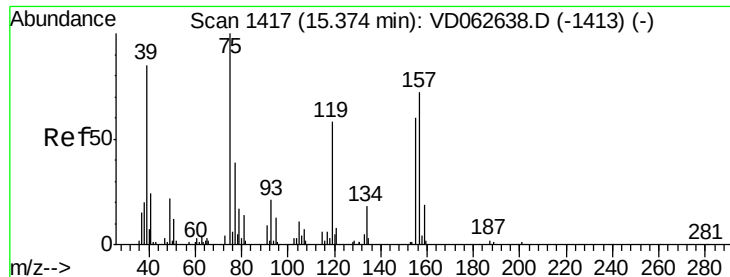
Tgt Ion: 117 Resp: 877889

Ion Ratio Lower Upper

117 100

201 0.0 41.5 124.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 103.113 ug/l

RT: 15.37 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

SB-13 0.5-1.0 060719RE

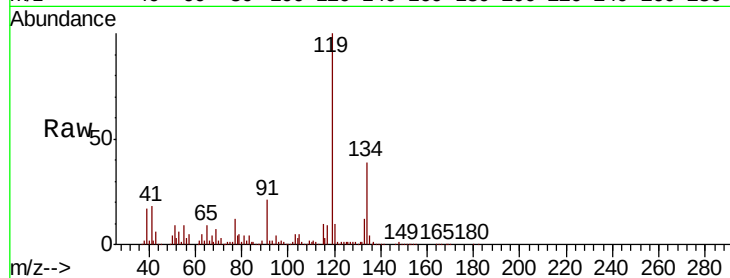
Tot Ion: 75 Resp: 32545

Ion Ratio Lower Upper

75 100

155 4.9 30.1 90.5#

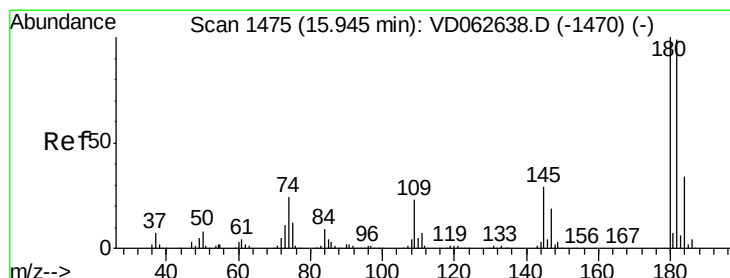
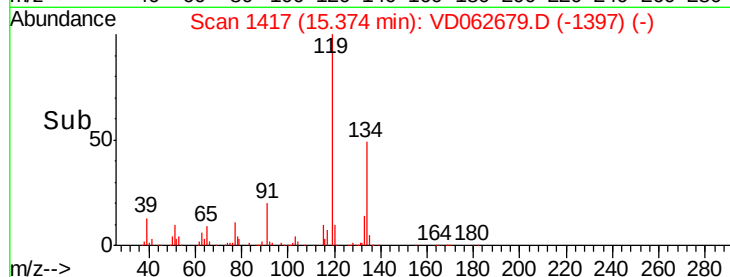
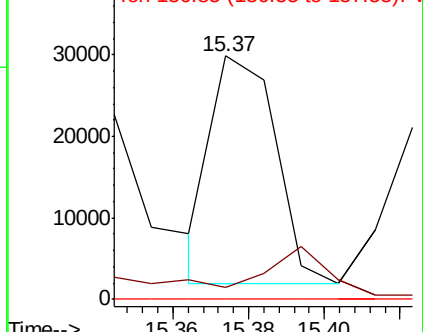
157 0.0 35.9 107.8#



Abundance Ion 75.00 (74.70 to 75.70): VD062679.D (-1397) (-)

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#93

1,2,4-Trichlorobenzene

Concen: 4.044 ug/l

RT: 15.95 min Scan# 1475

Delta R.T. 0.00 min

Lab File: VD062679.D

Acq: 12 Jun 2019 17:30

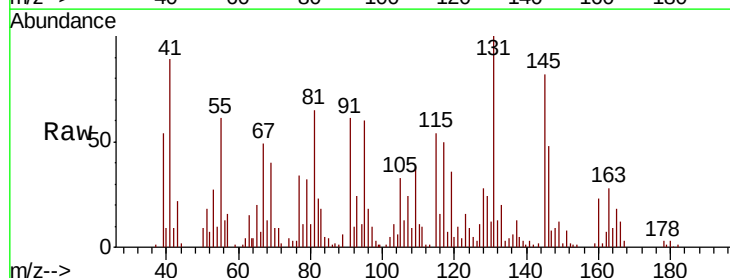
Tgt Ion: 180 Resp: 1616

Ion Ratio Lower Upper

180 100

182 50.6 49.4 148.2

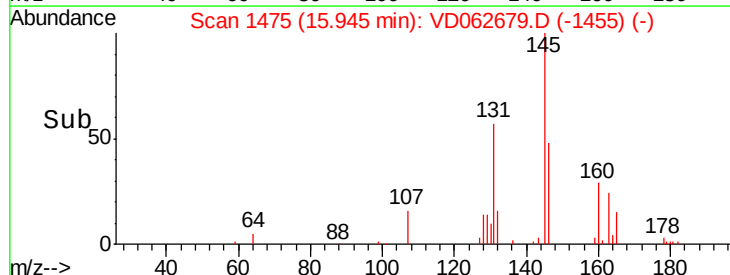
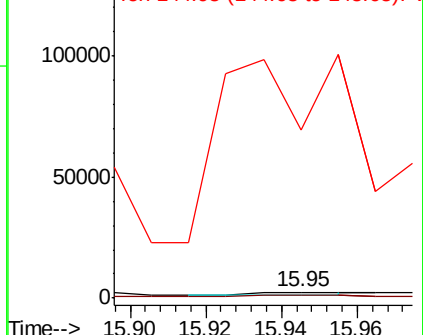
145 2796.0 14.5 43.6#

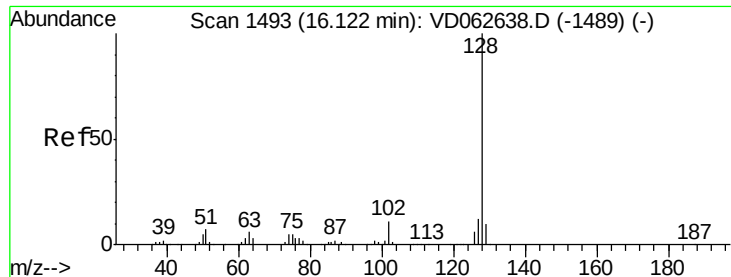


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

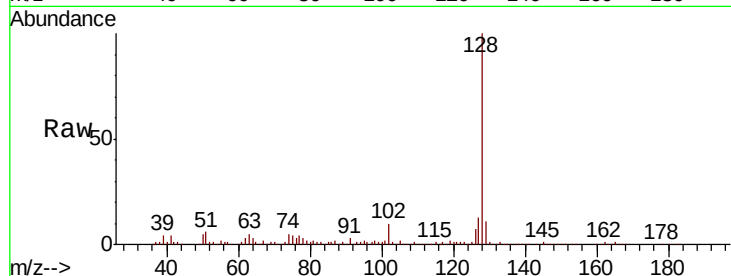




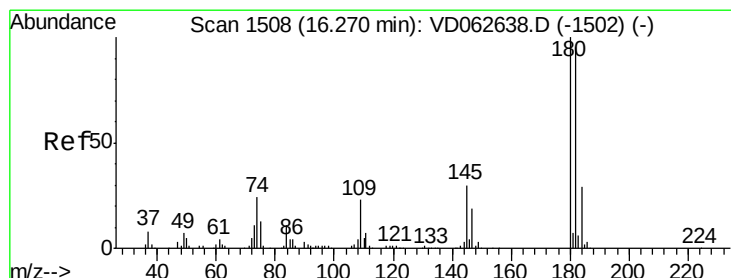
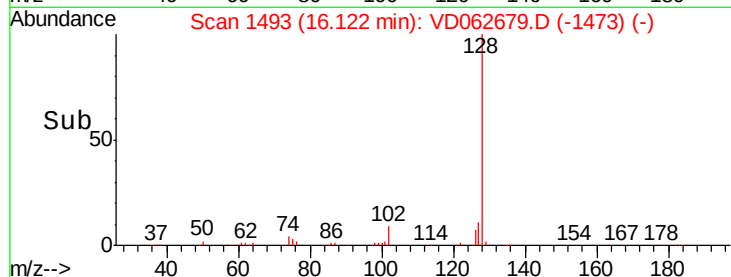
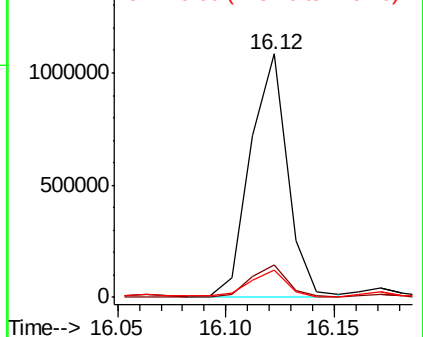
#95
Naphthalene
Concen: 271.379 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Instrument :
MSVOA_D
ClientSampleId :
SB-13 0.5-1.0 060719RE

Tot Ion:128 Resp: 1279355
Ion Ratio Lower Upper
128 100
127 13.3 9.7 14.5
129 11.1 8.1 12.1

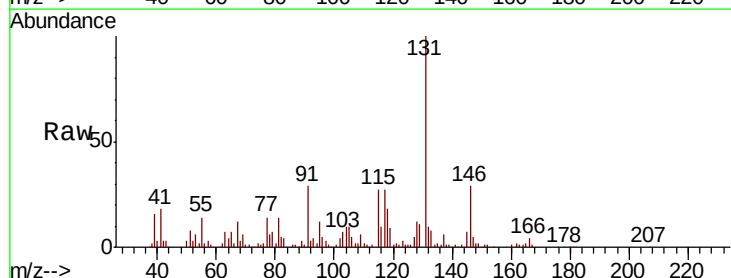


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.231 ug/l
RT: 16.23 min Scan# 1504
Delta R.T. -0.04 min
Lab File: VD062679.D
Acq: 12 Jun 2019 17:30

Tgt Ion:180 Resp: 2635
Ion Ratio Lower Upper
180 100
182 23.6 47.7 143.1#
145 929.9 15.0 45.0#



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

