

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062585.D
 Acq On : 3 Jun 2019 15:02
 Operator : VA/AP
 Sample : K3146-01
 Misc : 1.01g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 05:51:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	345217	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	493857	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	254163	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	82041	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	212691	52.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	6.93	113	215356	47.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	10.41	98	276239	28.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	56.04%	
62) 4-Bromofluorobenzene	13.55	95	93004	20.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	41.84%	

Target Compounds

					Qvalue
3) Chloromethane	1.77	50	2508	Below Cal	100
5) Bromomethane	2.15	94	1151	1.159 ug/l #	12
11) Tert butyl alcohol	4.07	59	584	3.383 ug/l #	80
13) Acrolein	3.09	56	558	7.418 ug/l #	69
16) Acetone	3.23	43	5508	6.926 ug/l #	60
20) Methylene Chloride	3.82	84	33728	11.456 ug/l	93
25) 2-Butanone	6.17	43	1711	2.284 ug/l #	62
31) Cyclohexane	7.04	56	8686	2.310 ug/l #	45
36) 1,1-Dichloropropene	7.05	75	26978	5.488 ug/l #	51
38) Carbon Tetrachloride	7.05	117	36289	4.958 ug/l #	15
51) 4-Methyl-2-Pentanone	10.30	43	2349	1.305 ug/l #	42
52) Toluene	10.51	92	21990	3.342 ug/l	95
56) Ethyl methacrylate	10.91	69	3844	1.669 ug/l #	71
59) 2-Hexanone	11.49	43	18006	14.264 ug/l #	40
67) Ethyl Benzene	12.53	91	125959	13.885 ug/l	98
68) m/p-Xylenes	12.67	106	180818	57.619 ug/l	100
69) o-Xylene	13.05	106	127022	42.431 ug/l	89
70) Styrene	13.05	104	8491	1.670 ug/l #	1
73) Isopropylbenzene	13.40	105	102390	18.931 ug/l	99
74) N-amyl acetate	13.34	43	256888	186.275 ug/l #	57
75) 1,1,2,2-Tetrachloroethane	13.72	83	81505	95.018 ug/l #	59
76) 1,2,3-Trichloropropane	13.71	75	1425	1.448 ug/l #	1
78) n-propylbenzene	13.78	91	496882	79.702 ug/l	96
79) 2-Chlorotoluene	13.85	91	274382	75.904 ug/l #	42
80) 1,3,5-Trimethylbenzene	13.94	105	1159156	250.809 ug/l	98
81) trans-1,4-Dichloro-2-buten	13.55	75	45142	160.061 ug/l #	63
82) 4-Chlorotoluene	13.94	91	147662	34.121 ug/l #	43
83) tert-Butylbenzene	14.24	119	575559	111.607 ug/l #	67
84) 1,2,4-Trimethylbenzene	14.24	105	5128798	1089.049 ug/l	95
85) sec-Butylbenzene	14.37	105	398582	72.960 ug/l	98
86) p-Isopropyltoluene	14.50	119	402394	78.839 ug/l	98
89) n-Butylbenzene	14.80	91	958503	210.372 ug/l	95
90) Hexachloroethane	15.01	117	200458	148.038 ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	15.38	75	25259	142.011 ug/l #	17

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

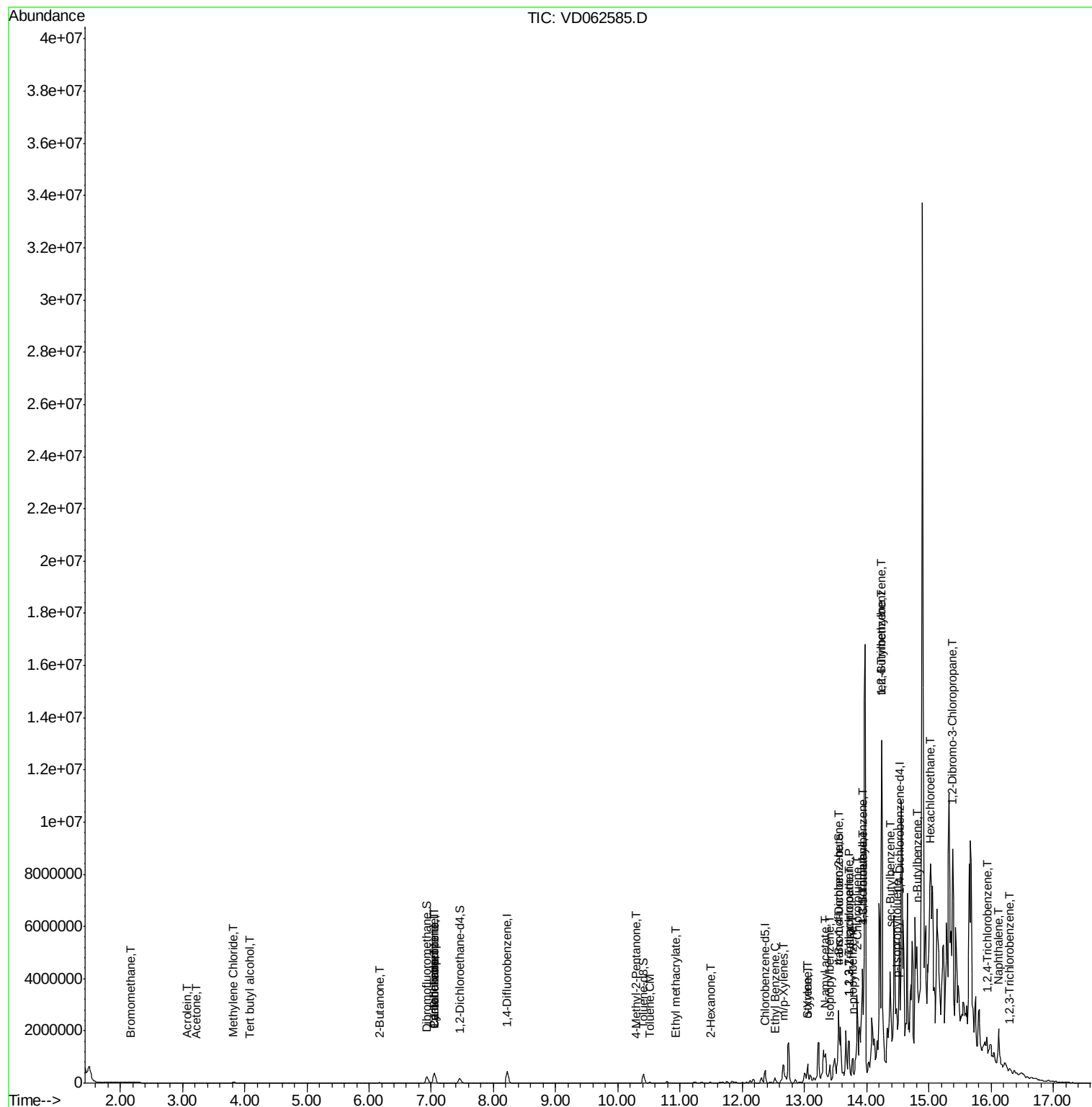
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	1837	1.062	ug/l #	1
95) Naphthalene	16.12	128	812528	345.049	ug/l	99
96) 1,2,3-Trichlorobenzene	16.30	180	4078	3.157	ug/l #	7

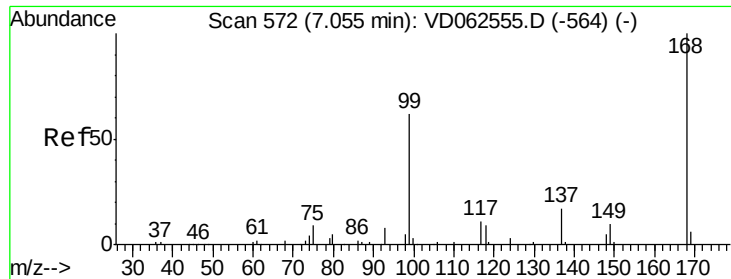
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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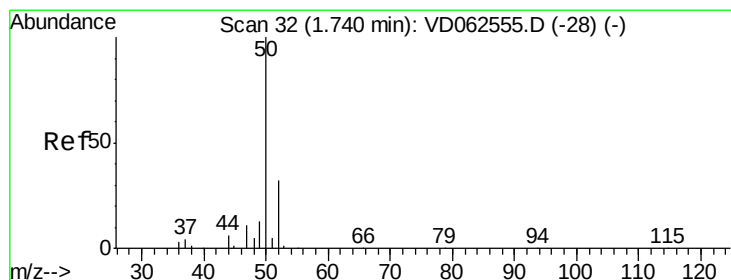
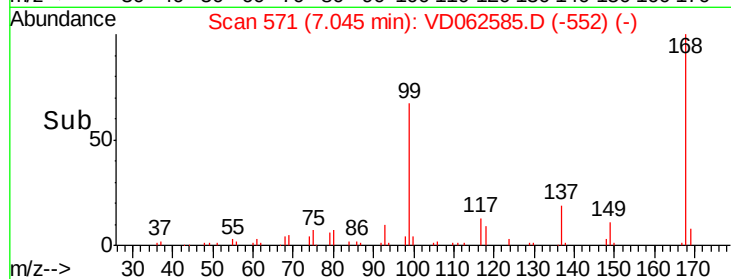
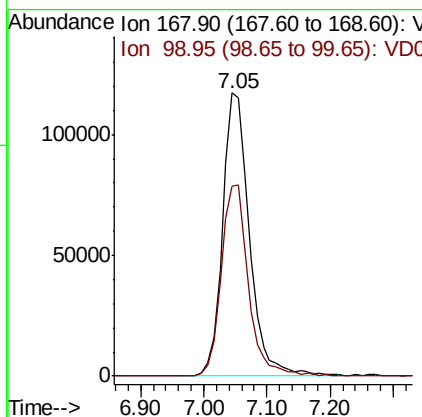
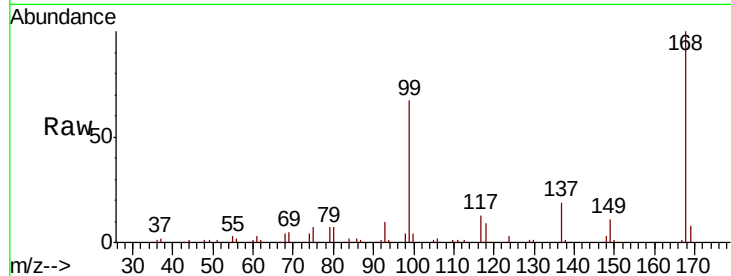




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

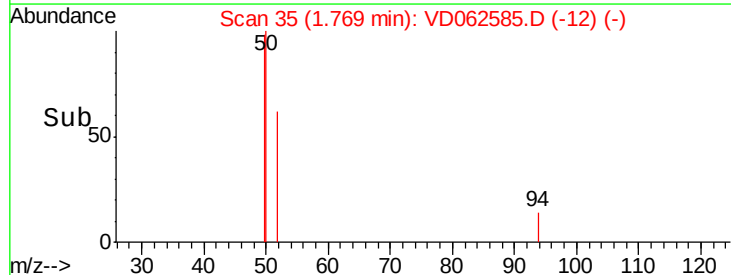
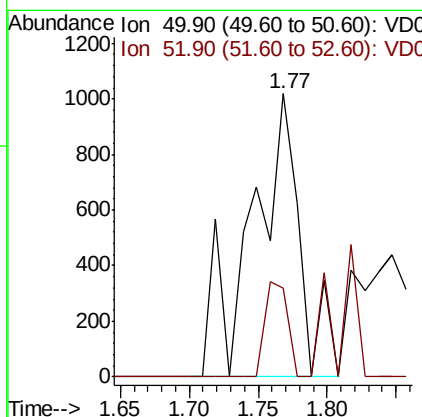
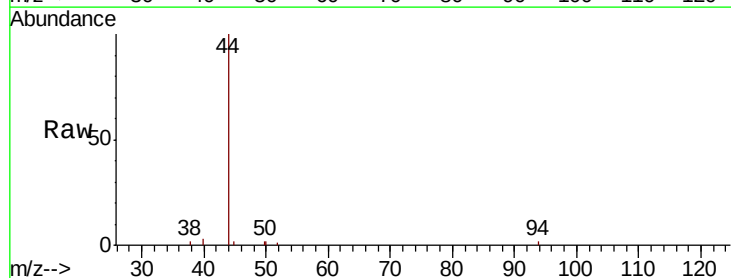
Instrument :
MSVOA_D
ClientSampleId :

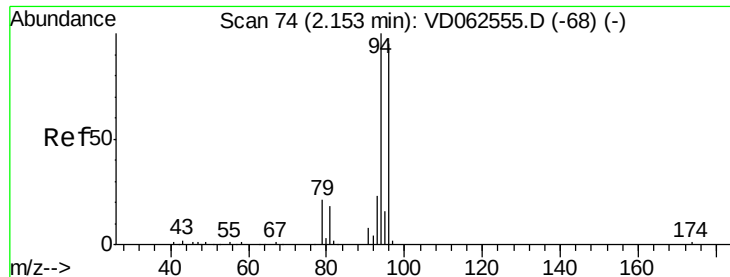
Tot Ion:168 Resp: 345217
Ion Ratio Lower Upper
168 100
99 67.0 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 1.77 min Scan# 35
Delta R.T. 0.03 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion: 50 Resp: 2508
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2





#5

Bromomethane

Concen: 1.159 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.00 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Instrument :

MSVOA_D

ClientSampled :

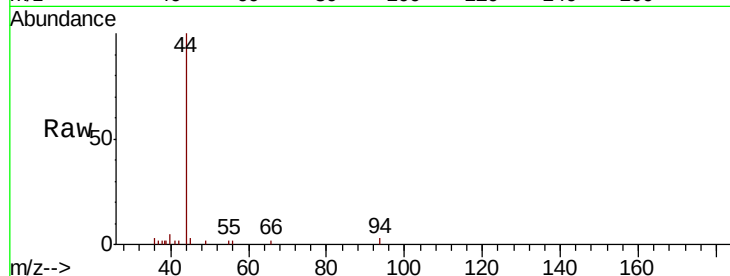
Tot Ion: 94 Resp: 1151

Ion Ratio Lower Upper

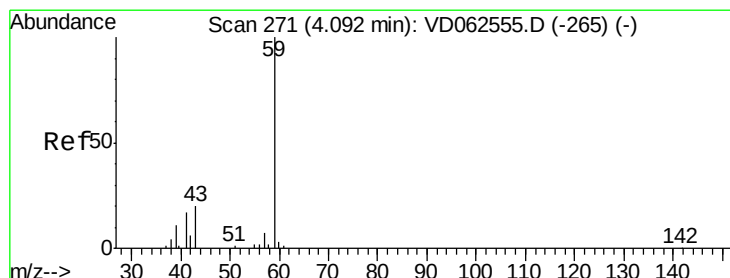
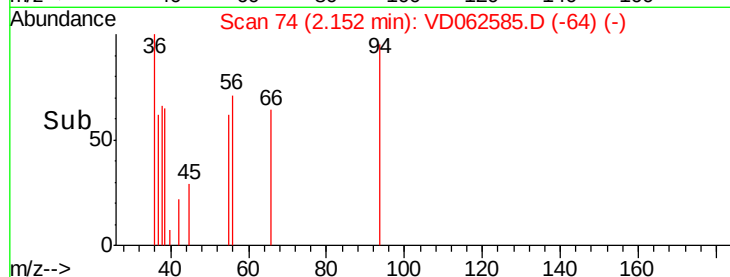
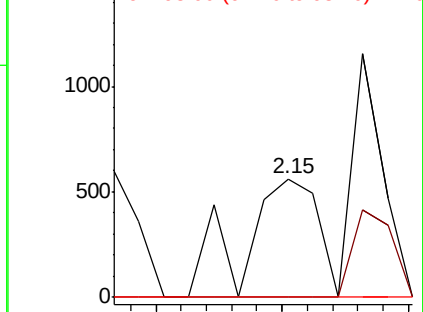
94 100

96 0.0 76.2 114.4#

93 0.0 18.4 27.6#



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



#11

Tert butyl alcohol

Concen: 3.383 ug/l

RT: 4.07 min Scan# 269

Delta R.T. -0.02 min

Lab File: VD062585.D

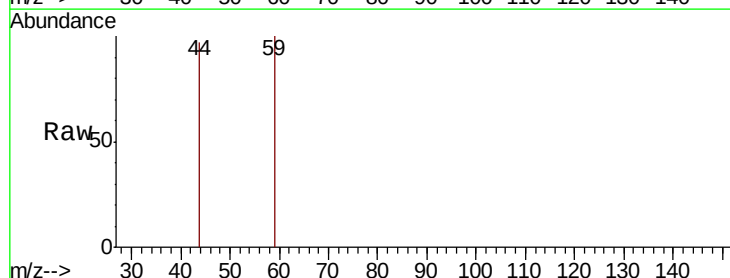
Acq: 3 Jun 2019 15:02

Tgt Ion: 59 Resp: 584

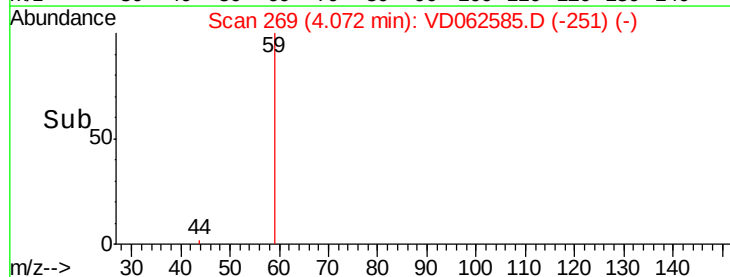
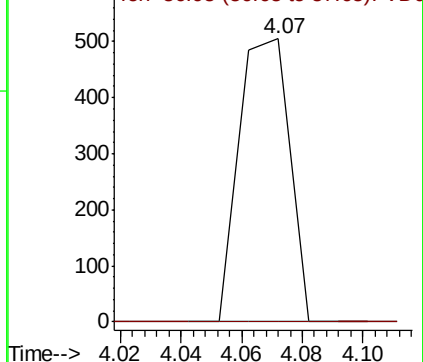
Ion Ratio Lower Upper

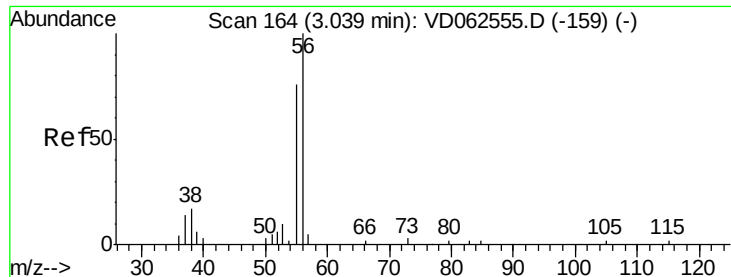
59 100

57 0.0 5.4 8.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 7.418 ug/l

RT: 3.09 min Scan# 169

Delta R.T. 0.05 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

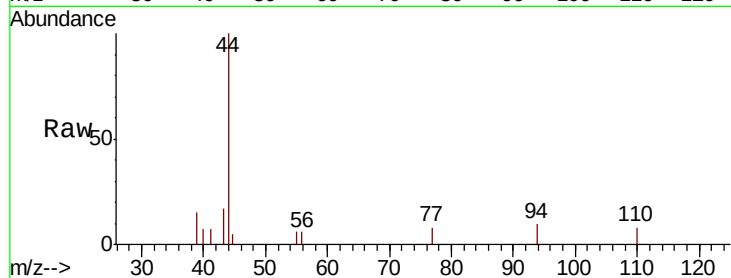
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 558

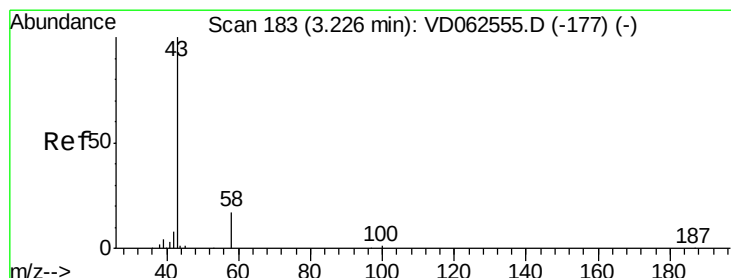
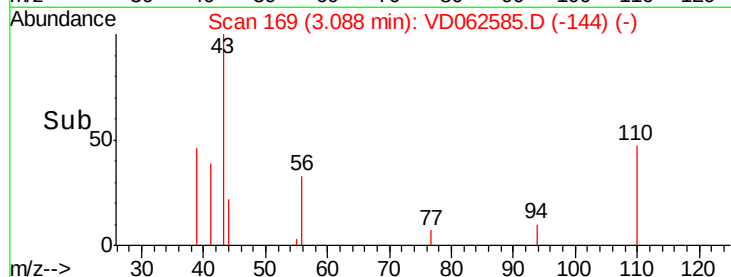
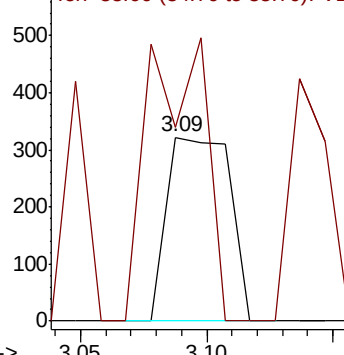
Ion Ratio Lower Upper

56 100

55 105.6 62.6 93.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 6.926 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062585.D

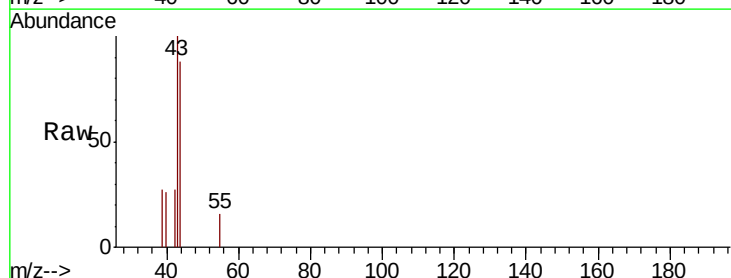
Acq: 3 Jun 2019 15:02

Tgt Ion: 43 Resp: 5508

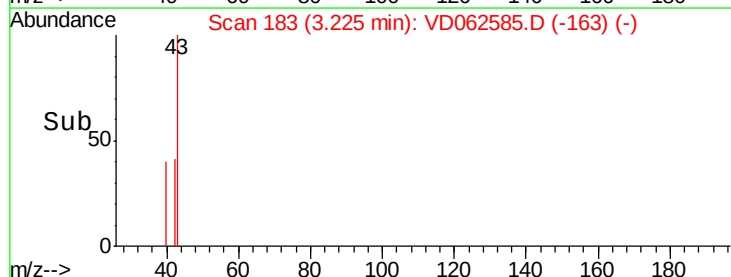
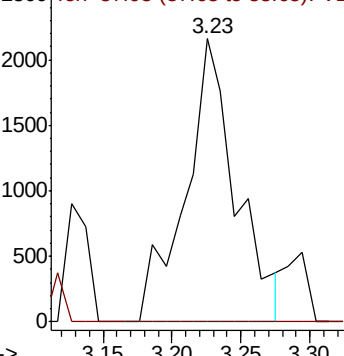
Ion Ratio Lower Upper

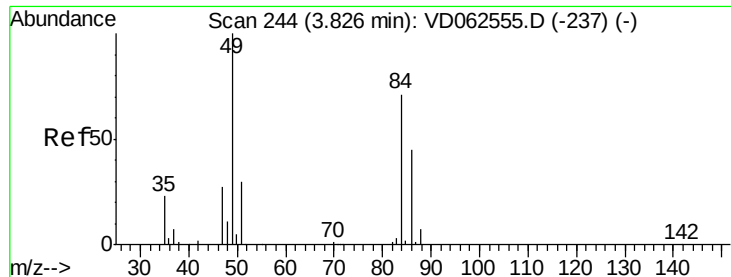
43 100

58 0.0 13.8 20.8#



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

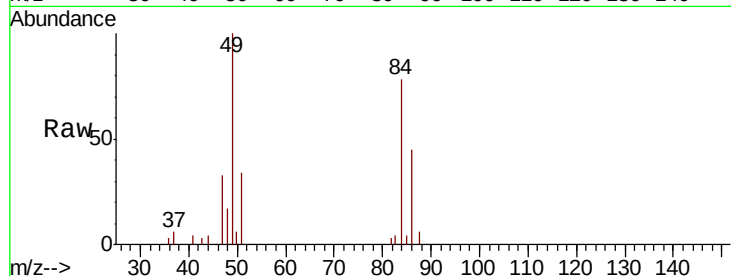




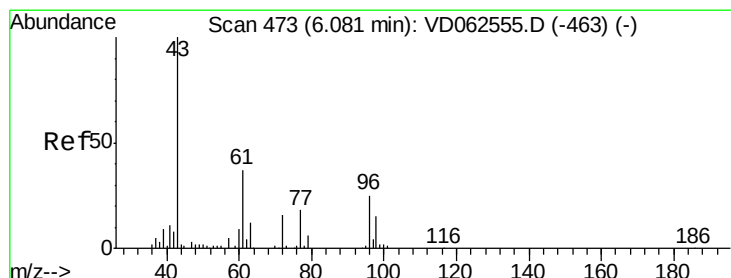
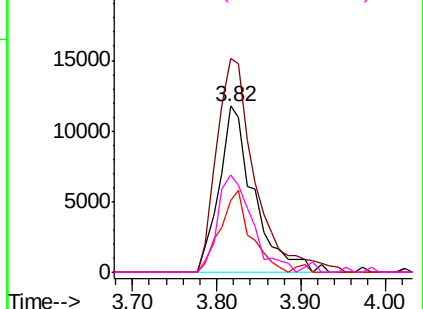
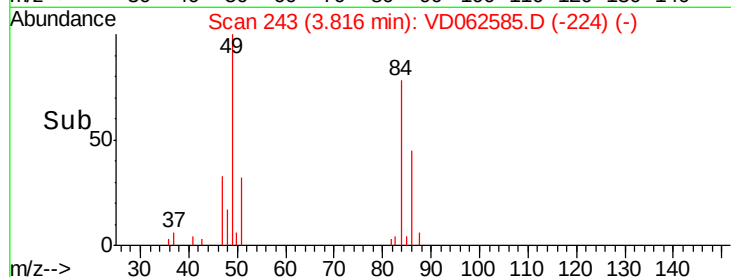
#20
Methvlene Chloride
Concen: 11.456 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 33728
Ion Ratio Lower Upper
84 100
49 128.7 112.3 168.5
51 43.4 33.6 50.4
86 58.4 50.4 75.6

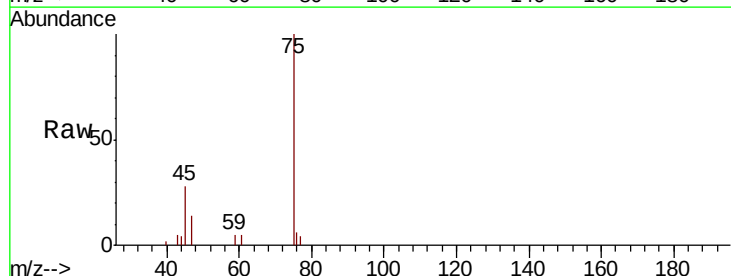


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

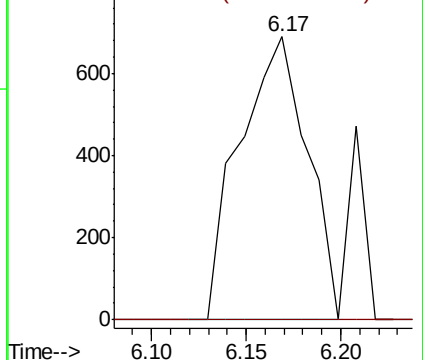
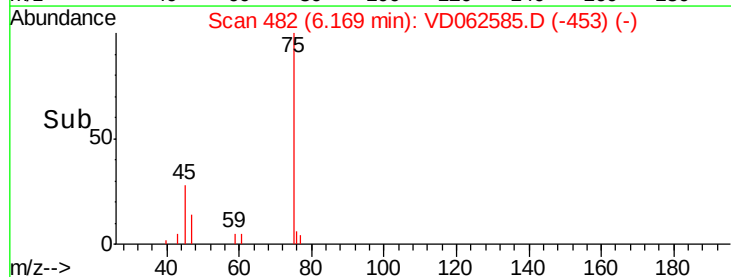


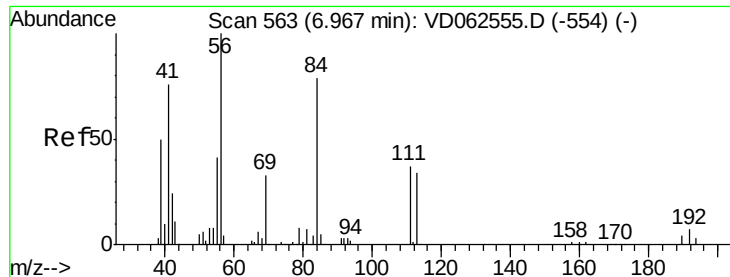
#25
2-Butanone
Concen: 2.284 ug/l
RT: 6.17 min Scan# 482
Delta R.T. 0.09 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion: 43 Resp: 1711
Ion Ratio Lower Upper
43 100
72 0.0 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

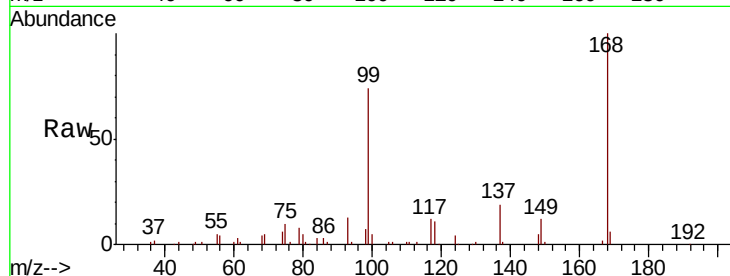




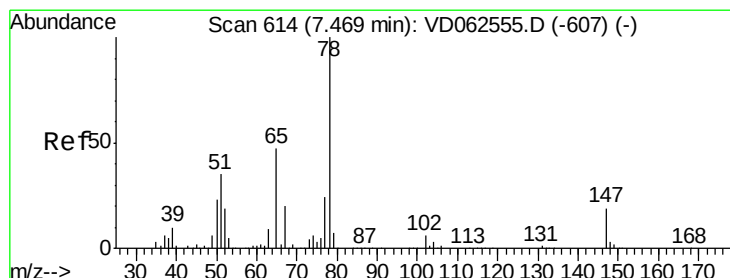
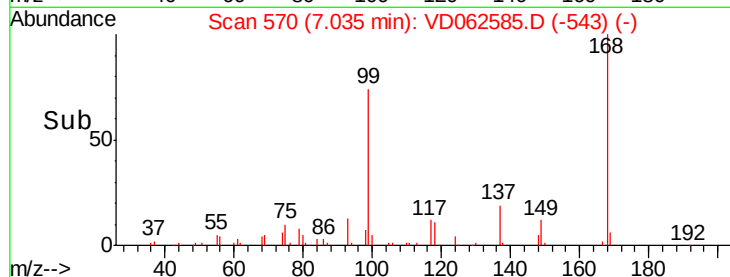
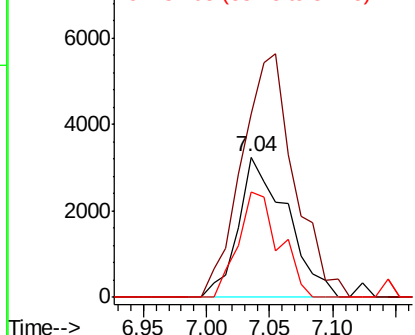
#31
Cyclohexane
Concen: 2.310 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 8686
Ion Ratio Lower Upper
56 100
69 131.2 26.2 39.2#
84 75.2 65.2 97.8

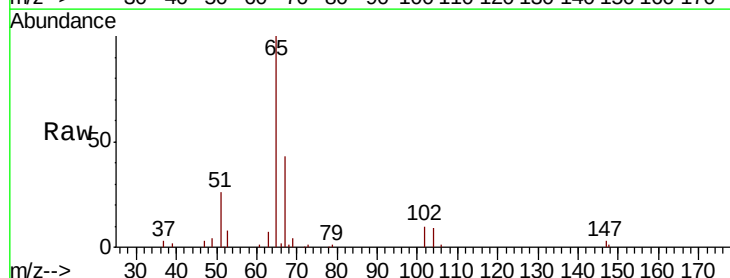


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

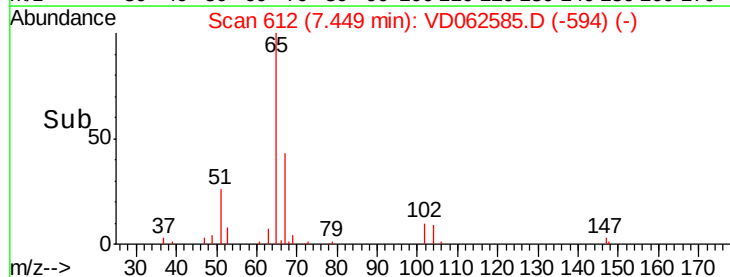
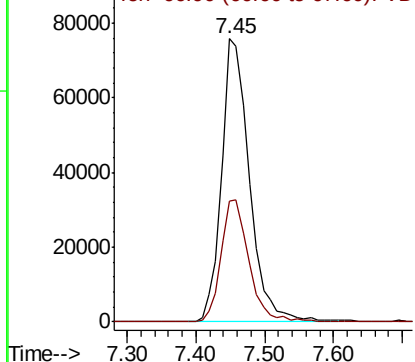


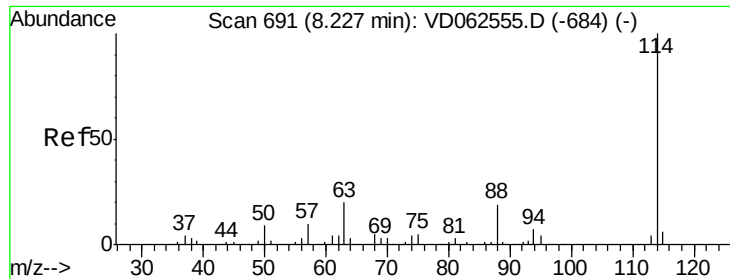
#33
1,2-Dichloroethane-d4
Concen: 52.545 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion: 65 Resp: 212691
Ion Ratio Lower Upper
65 100
67 42.8 0.0 83.6



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

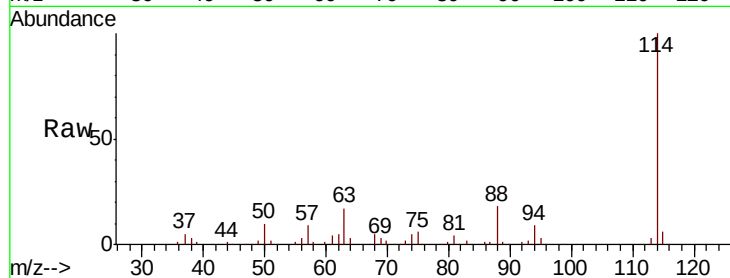




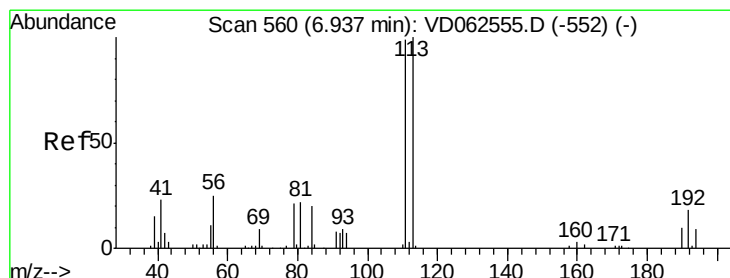
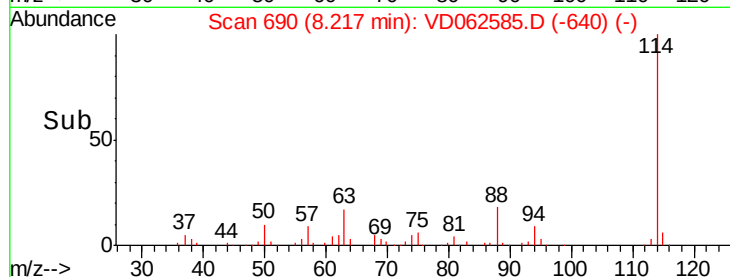
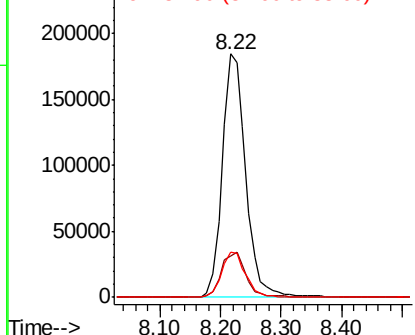
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 493857
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 40.6
 88 18.5 0.0 37.6

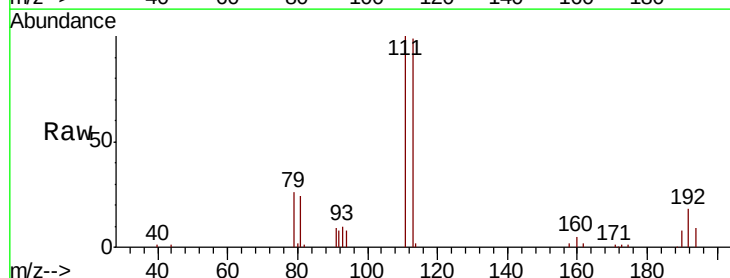


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

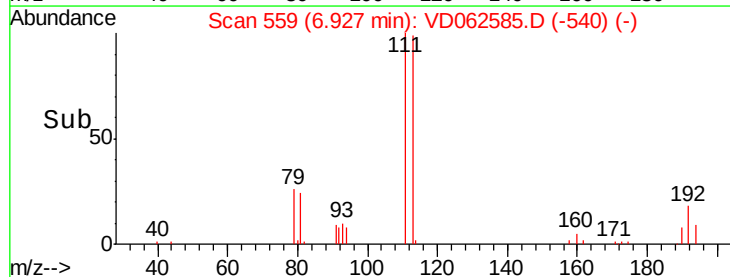
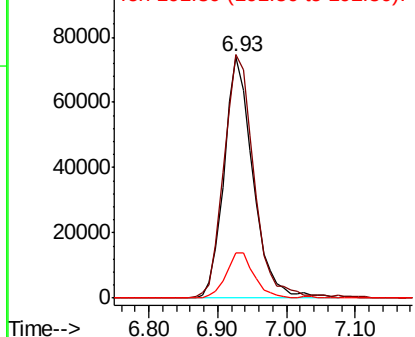


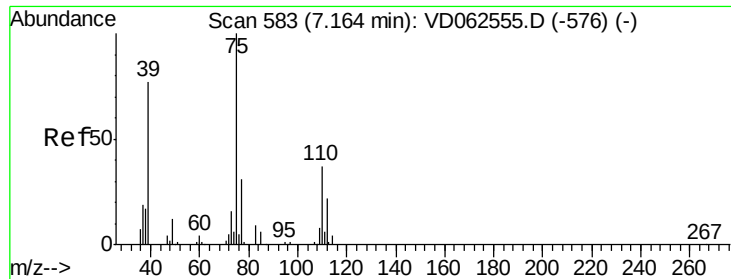
#35
 Dibromofluoromethane
 Concen: 47.853 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Tgt Ion:113 Resp: 215356
 Ion Ratio Lower Upper
 113 100
 111 100.9 78.8 118.2
 192 18.6 14.6 22.0



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

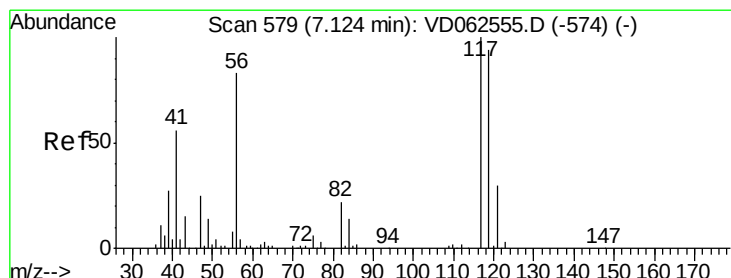
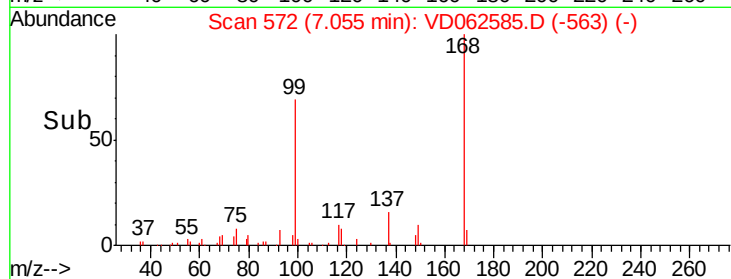
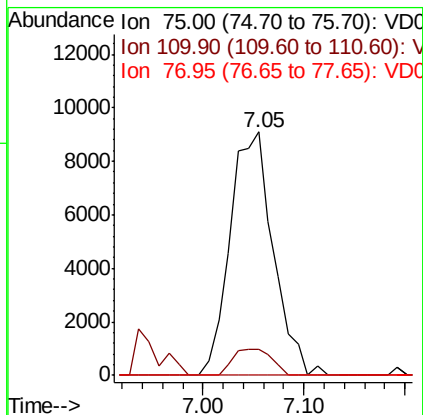
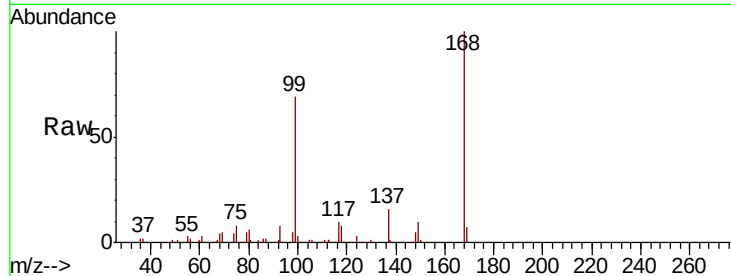




#36
 1,1-Dichloropropene
 Concen: 5.488 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.11 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

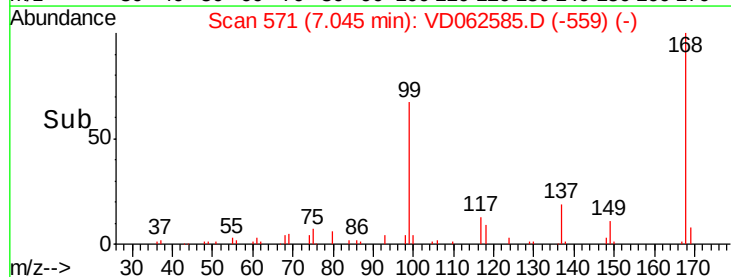
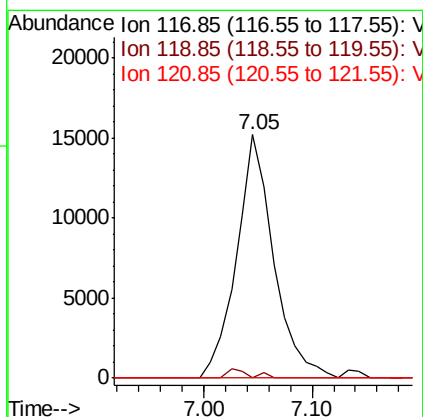
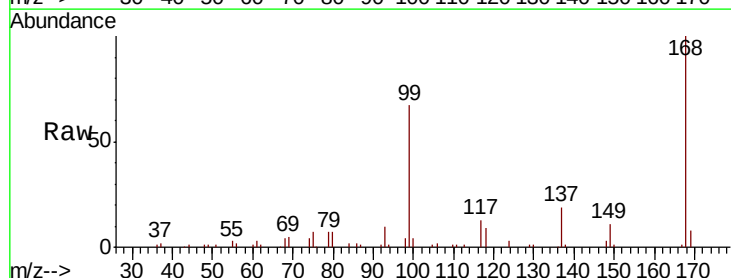
Instrument :
 MSVOA_D
 ClientSampleId :

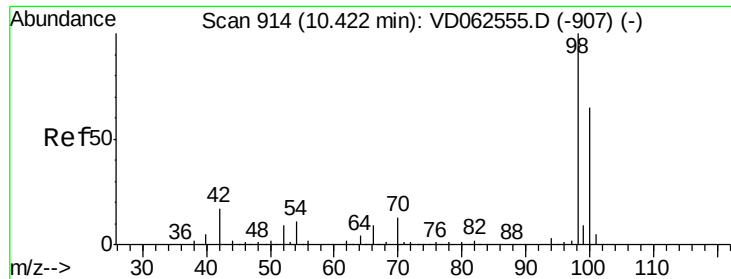
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.3	54.8#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.958 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	71.4	107.2#
121	0.0	22.5	33.7#

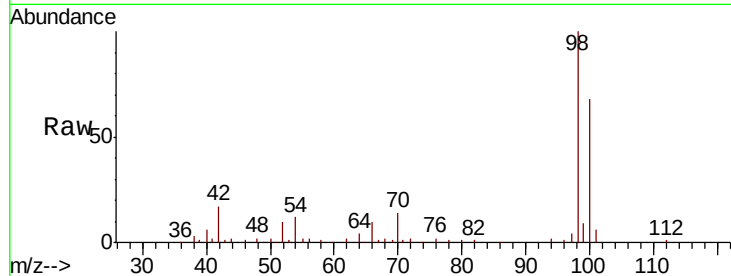




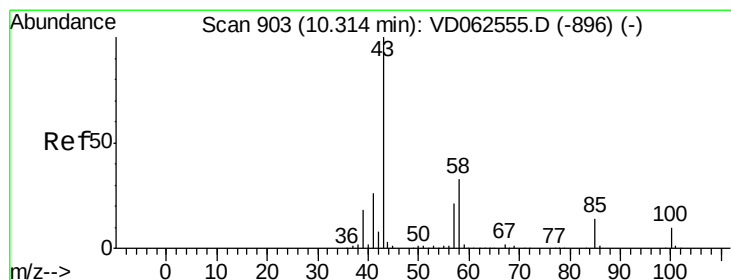
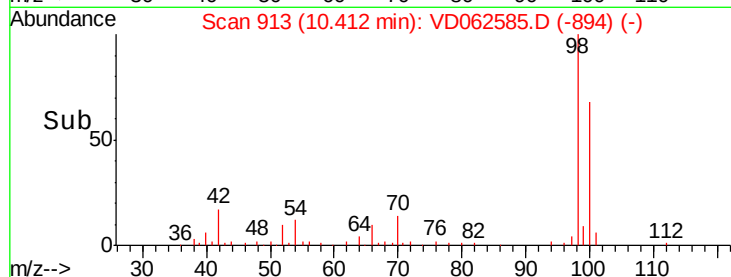
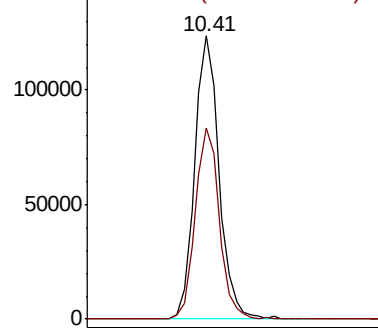
#50
Toluene-d8
Concen: 28.015 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 276239
Ion Ratio Lower Upper
98 100
100 67.5 52.3 78.5

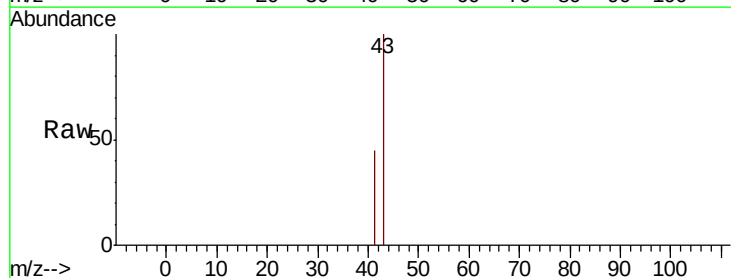


Abundance Ion 98.05 (97.75 to 98.75): VD062555.D (-907) (-)
Ion 100.05 (99.75 to 100.75): VD062555.D (-907) (-)

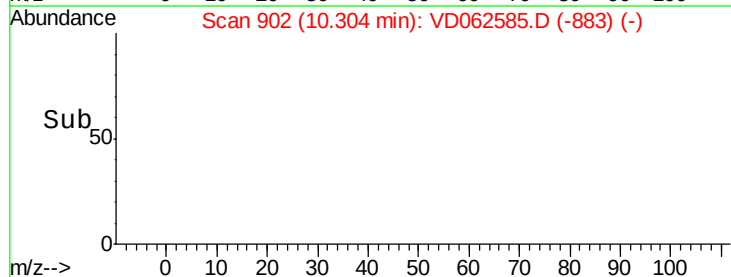
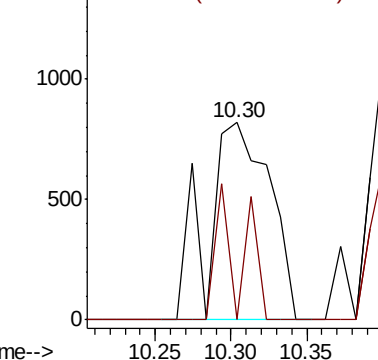


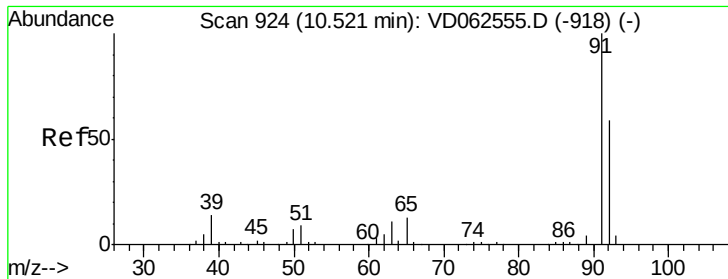
#51
4-Methyl-2-Pentanone
Concen: 1.305 ug/l
RT: 10.30 min Scan# 902
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion: 43 Resp: 2349
Ion Ratio Lower Upper
43 100
58 0.0 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VD062555.D (-896) (-)
Ion 57.95 (57.65 to 58.65): VD062555.D (-896) (-)





#52

Toluene

Concen: 3.342 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Instrument :

MSVOA_D

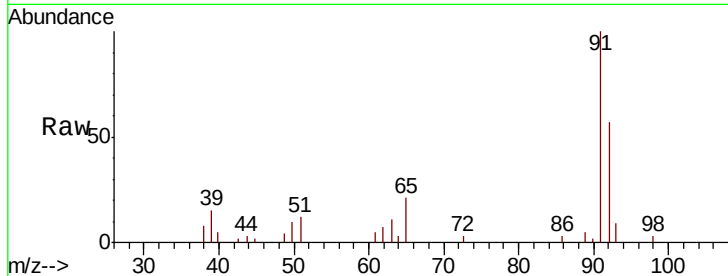
ClientSampleId :

Tot Ion: 92 Resp: 21990

Ion Ratio Lower Upper

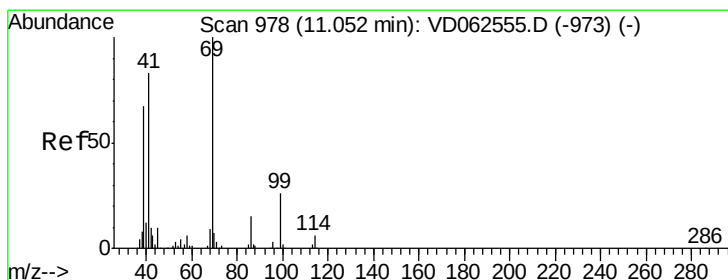
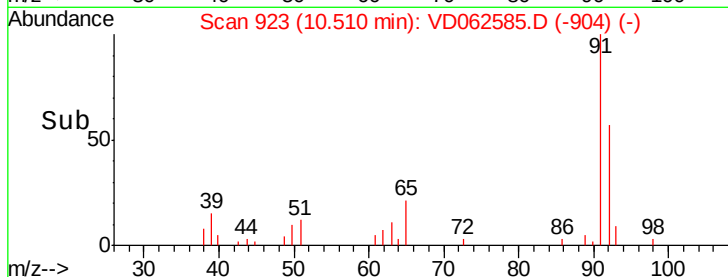
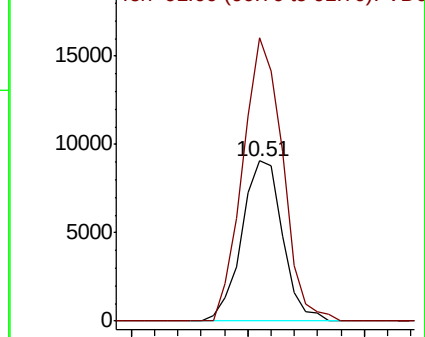
92 100

91 176.5 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#56

Ethyl methacrylate

Concen: 1.669 ug/l

RT: 10.91 min Scan# 964

Delta R.T. -0.14 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

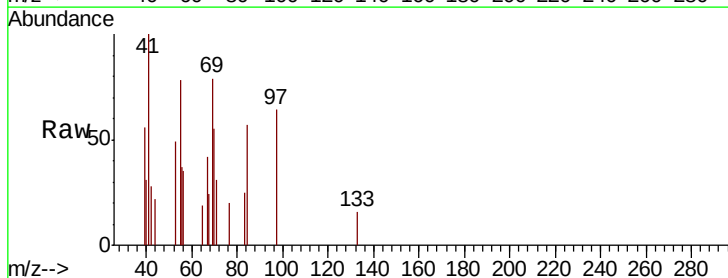
Tgt Ion: 69 Resp: 3844

Ion Ratio Lower Upper

69 100

41 127.2 66.1 99.1#

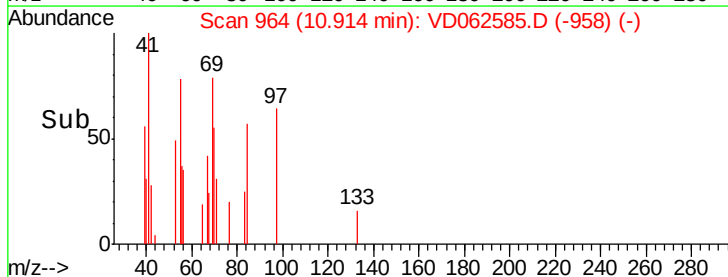
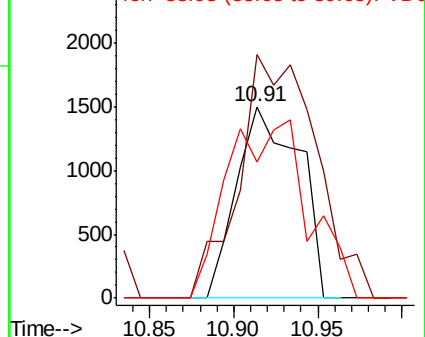
39 71.0 54.2 81.2

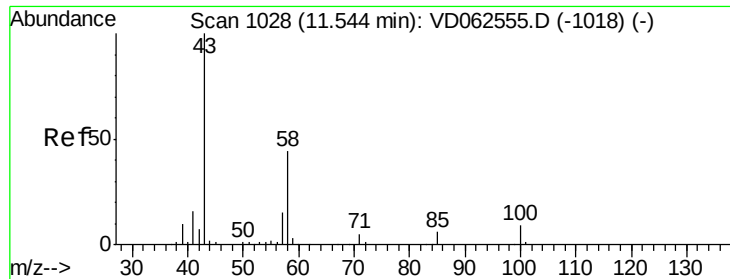


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

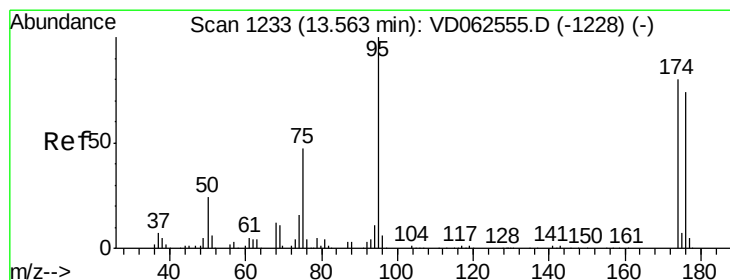
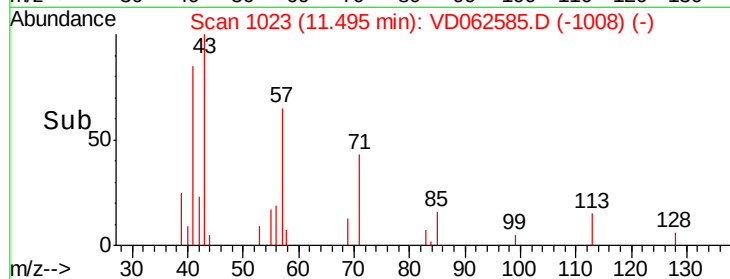
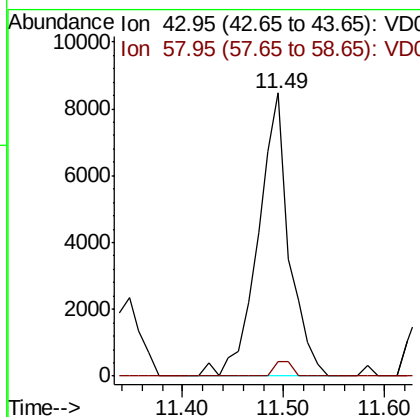
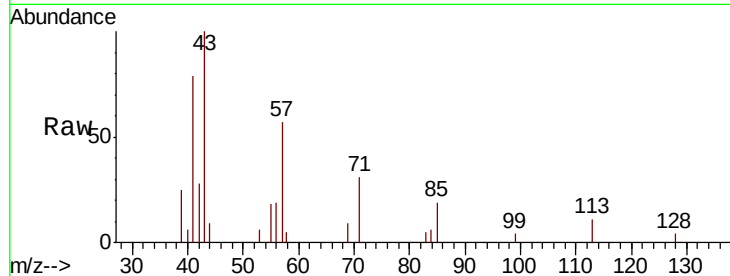




#59
2-Hexanone
Concen: 14.264 ug/l
RT: 11.49 min Scan# 1023
Delta R.T. -0.05 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

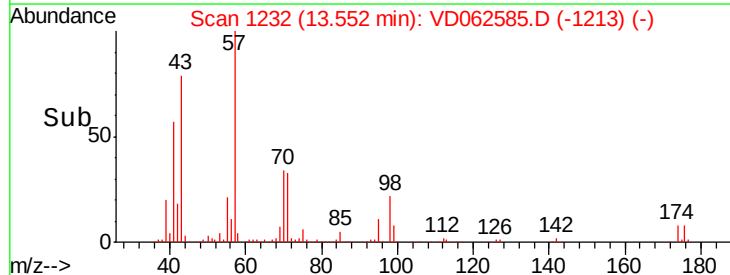
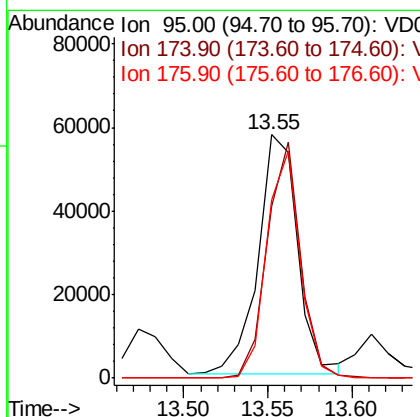
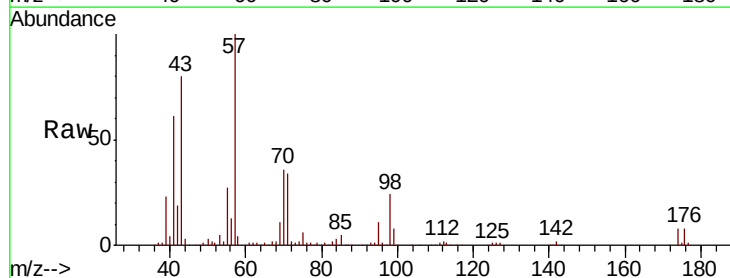
Instrument :
MSVOA_D
ClientSampleID :

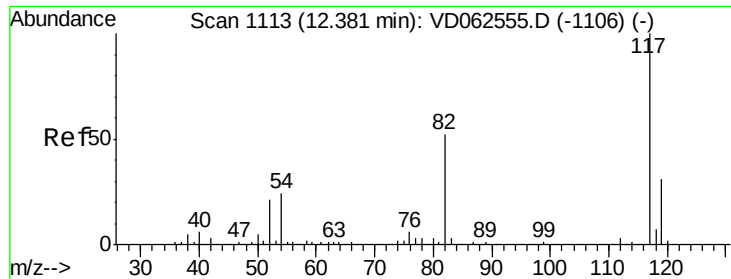
Tot Ion: 43 Resp: 18006
Ion Ratio Lower Upper
43 100
58 5.0 22.0 66.0#



#62
4-Bromofluorobenzene
Concen: 20.915 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion: 95 Resp: 93004
Ion Ratio Lower Upper
95 100
174 70.9 0.0 160.2
176 73.4 0.0 148.0

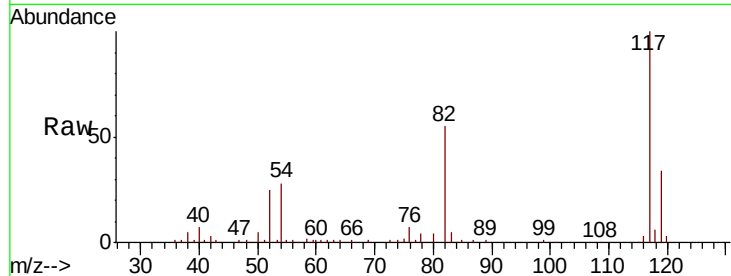




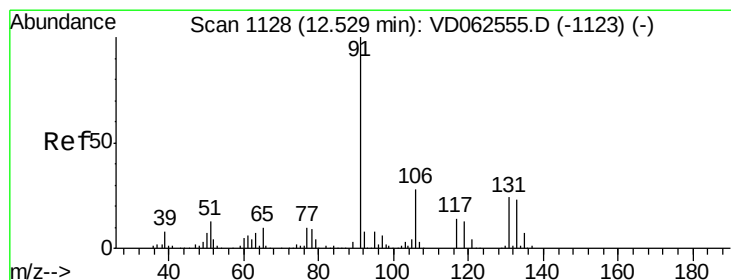
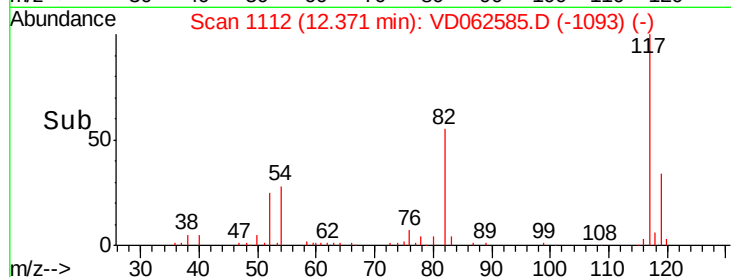
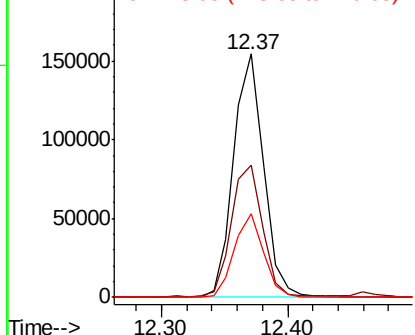
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 254163
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.2
119 34.3 24.9 37.3

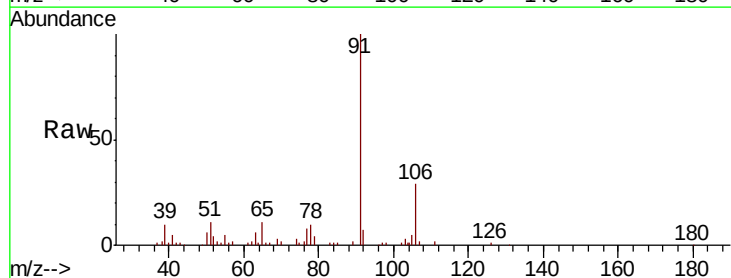


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

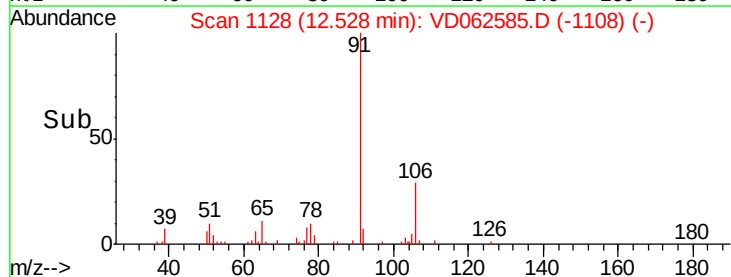
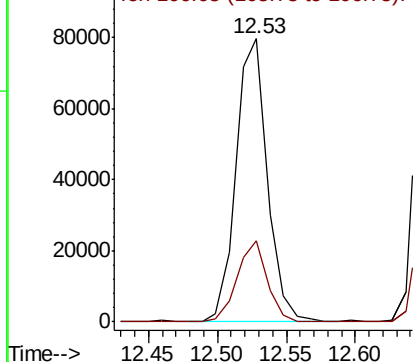


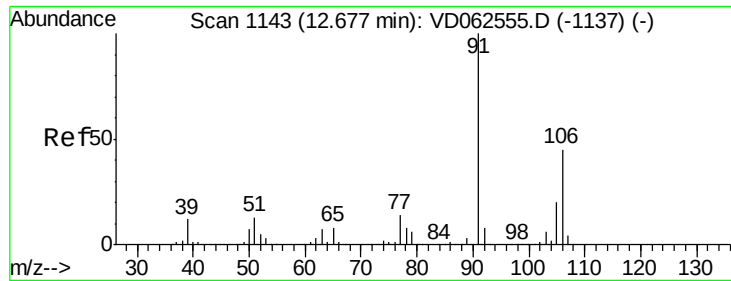
#67
Ethyl Benzene
Concen: 13.885 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion: 91 Resp: 125959
Ion Ratio Lower Upper
91 100
106 28.6 22.2 33.2



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

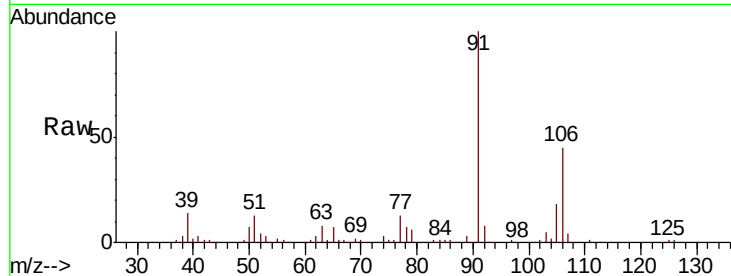




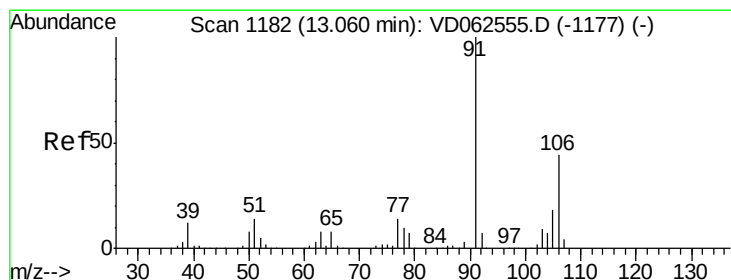
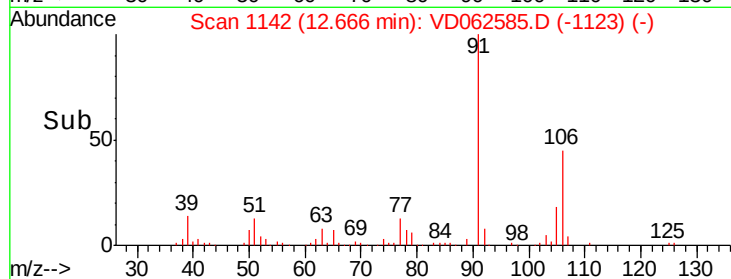
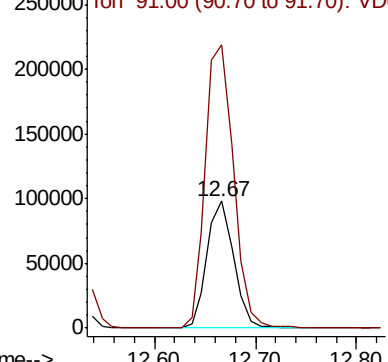
#68
m/p-Xylenes
Concen: 57.619 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 180818
Ion Ratio Lower Upper
106 100
91 223.0 178.9 268.3

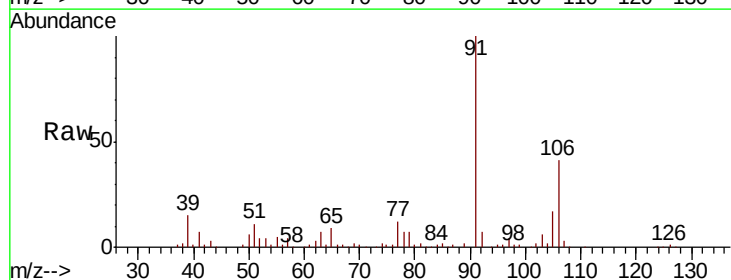


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

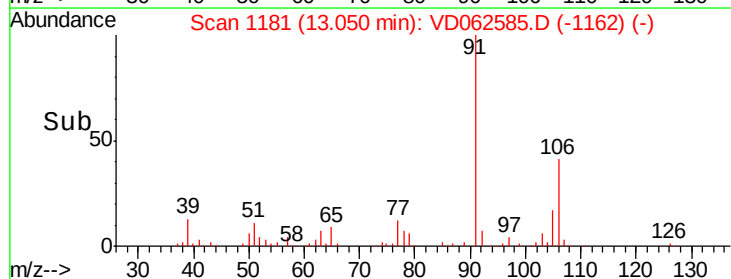
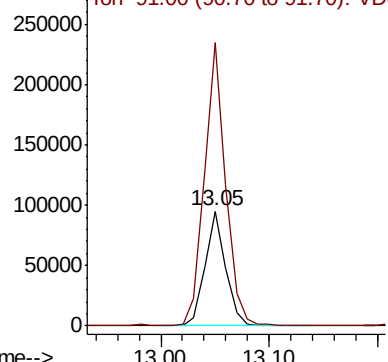


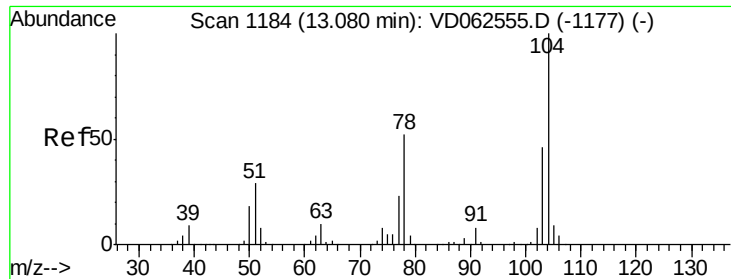
#69
o-Xylene
Concen: 42.431 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion:106 Resp: 127022
Ion Ratio Lower Upper
106 100
91 246.6 113.9 341.8



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

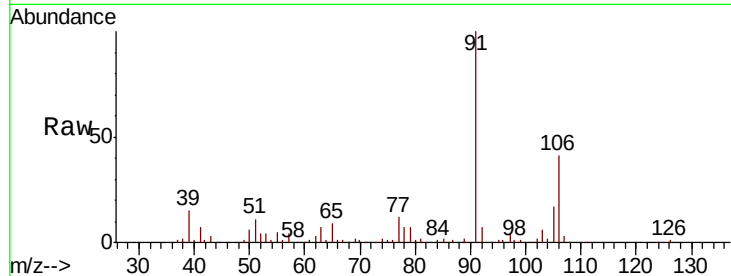




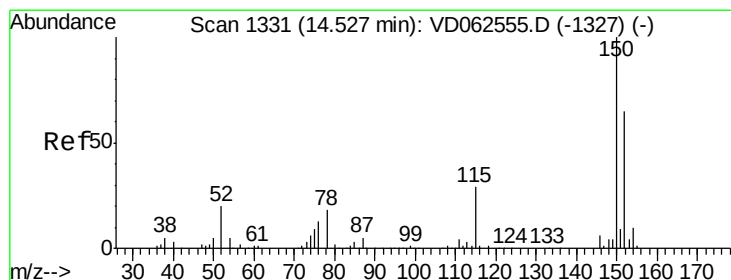
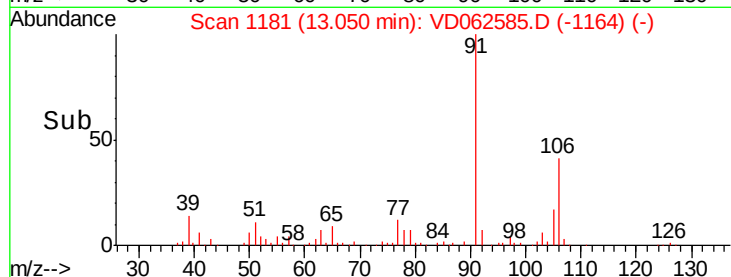
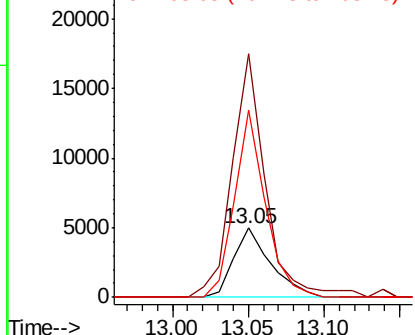
#70
Stvrene
Concen: 1.670 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.03 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:104 Resp: 8491
Ion Ratio Lower Upper
104 100
78 351.9 41.5 62.3#
103 271.3 36.6 55.0#

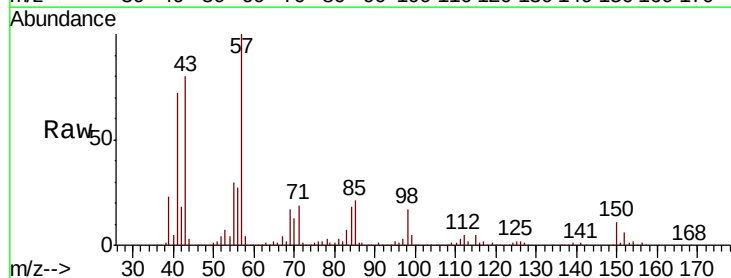


Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VD
Ion 103.05 (102.75 to 103.75): V

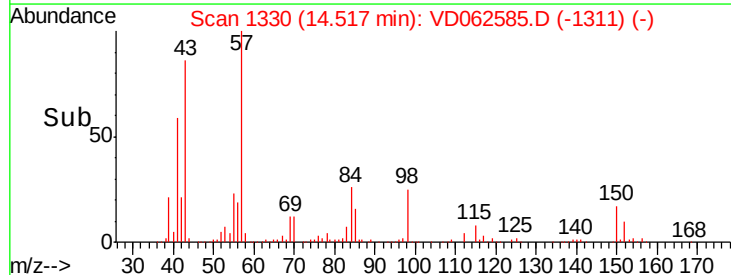
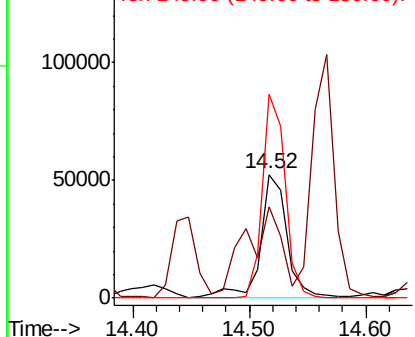


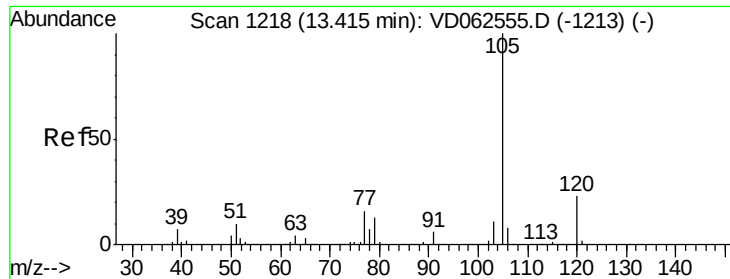
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion:152 Resp: 82041
Ion Ratio Lower Upper
152 100
115 73.8 28.4 85.3
150 165.2 0.0 310.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

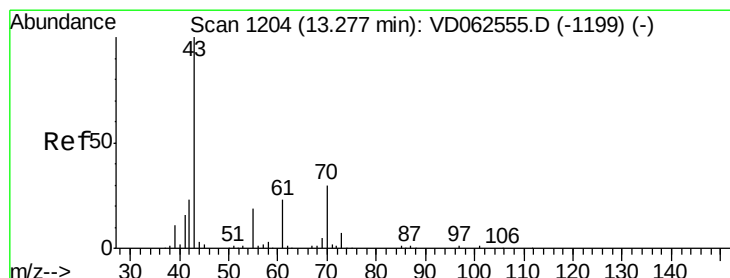
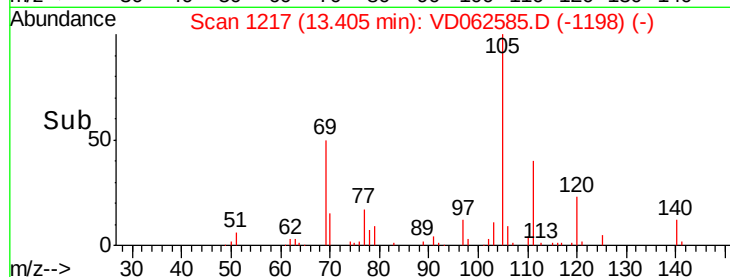
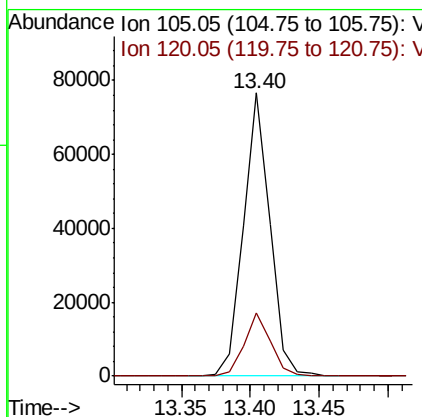
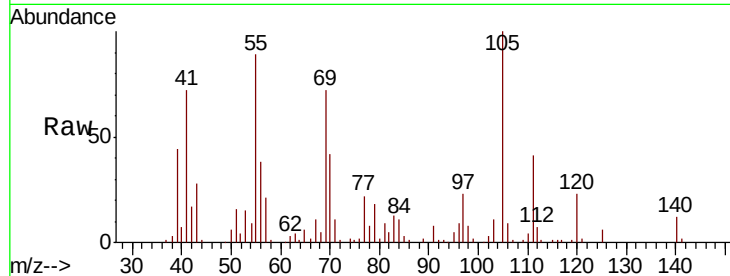




#73
Isopropylbenzene
Concen: 18.931 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. -0.01 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

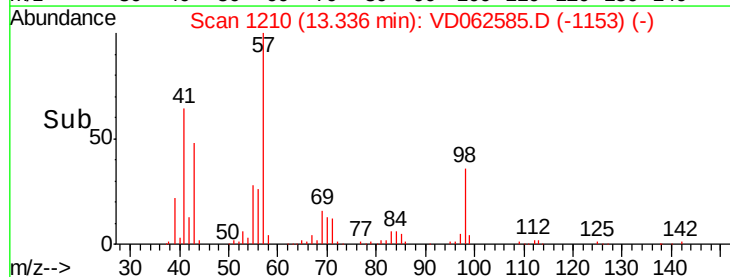
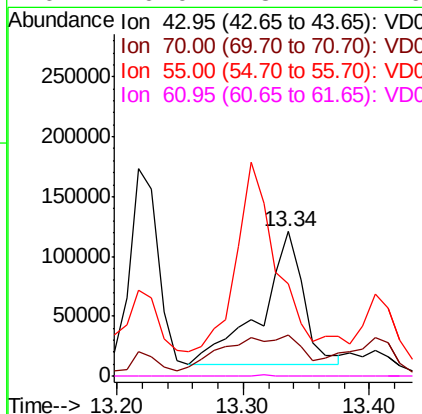
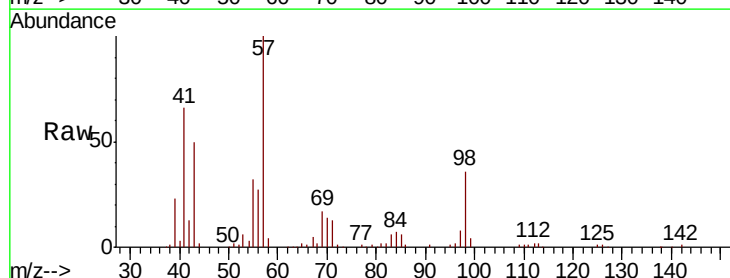
Instrument :
MSVOA_D
ClientSampled :

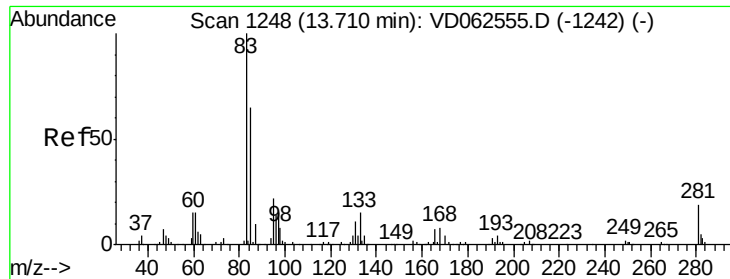
Tot Ion:105 Resp: 102390
Ion Ratio Lower Upper
105 100
120 22.5 11.6 34.8



#74
N-ethyl acetate
Concen: 186.275 ug/l
RT: 13.34 min Scan# 1210
Delta R.T. 0.06 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion: 43 Resp: 256888
Ion Ratio Lower Upper
43 100
70 28.3 23.7 35.5
55 63.8 15.0 22.4#
61 0.0 18.4 27.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 95.018 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Instrument :

MSVOA_D

ClientSampled :

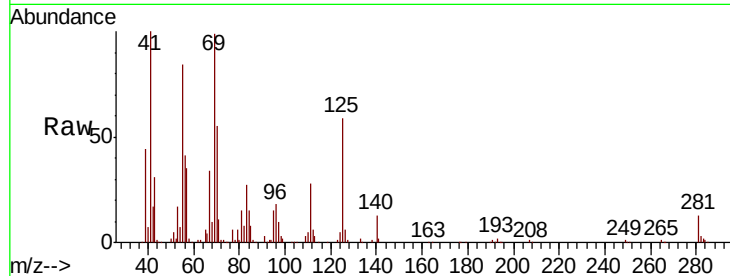
Tot Ion: 83 Resp: 81505

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

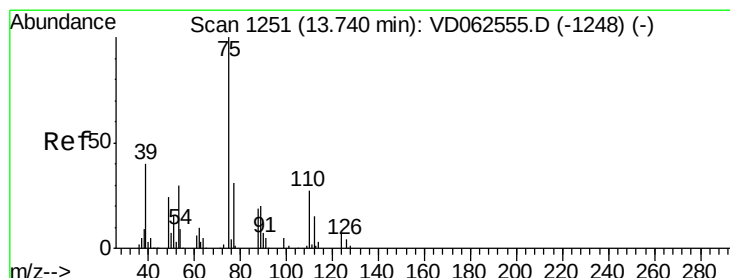
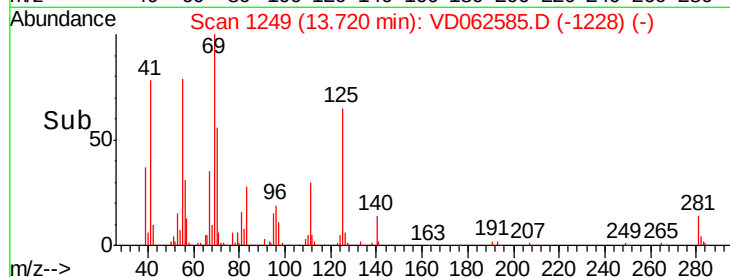
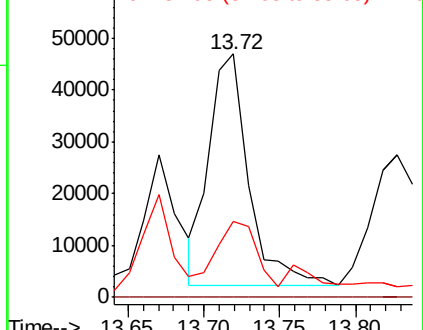
85 31.3 32.6 97.8#



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: 1.448 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. -0.03 min

Lab File: VD062585.D

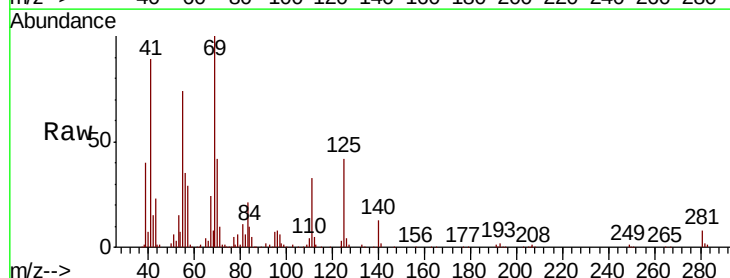
Acq: 3 Jun 2019 15:02

Tgt Ion: 75 Resp: 1425

Ion Ratio Lower Upper

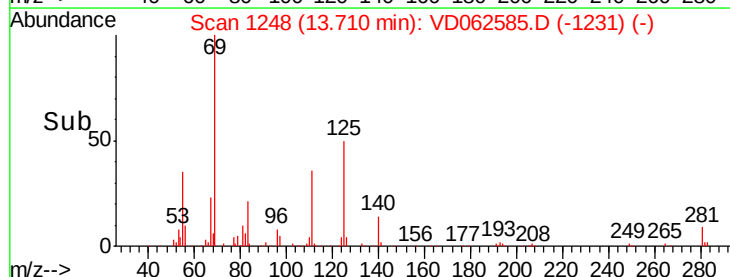
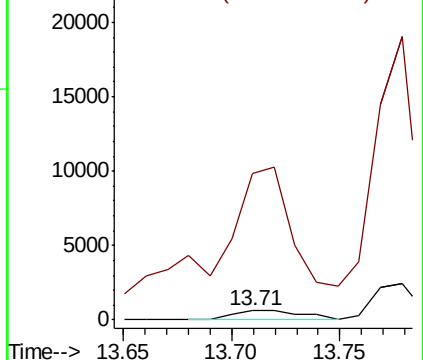
75 100

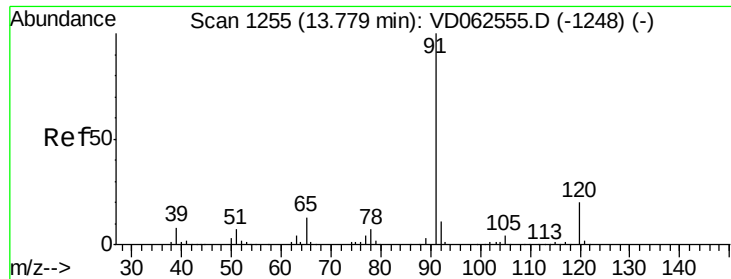
77 1606.5 16.5 49.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

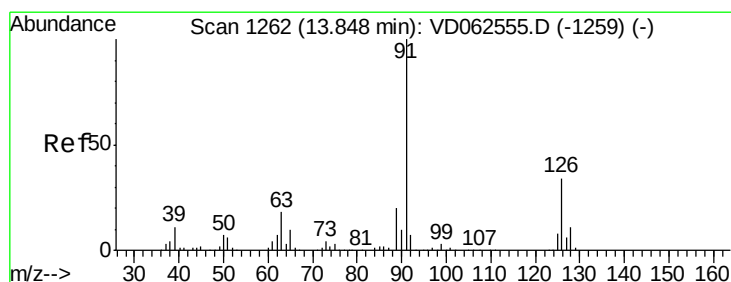
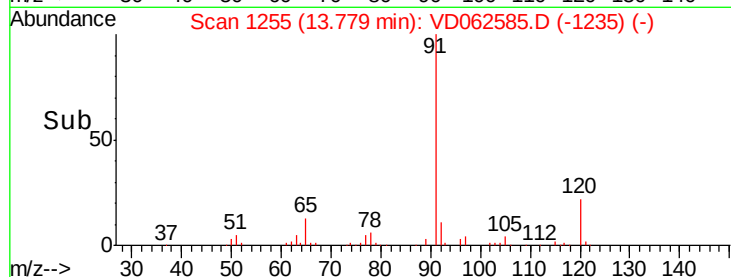
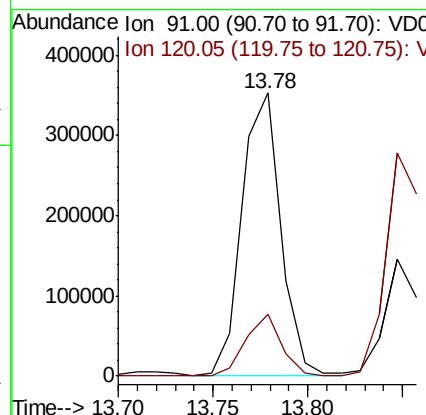
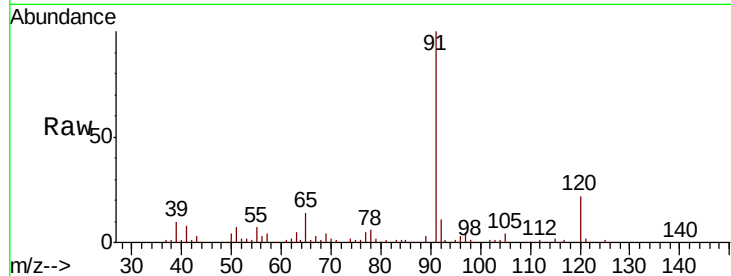




#78
n-propylbenzene
Concen: 79.702 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

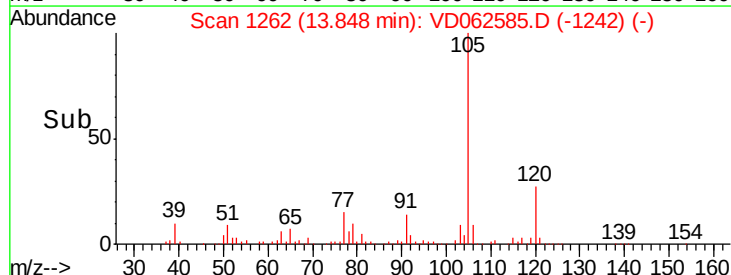
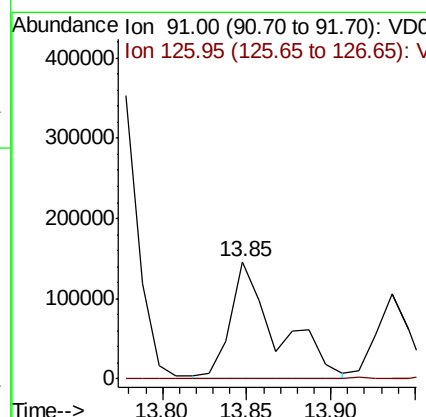
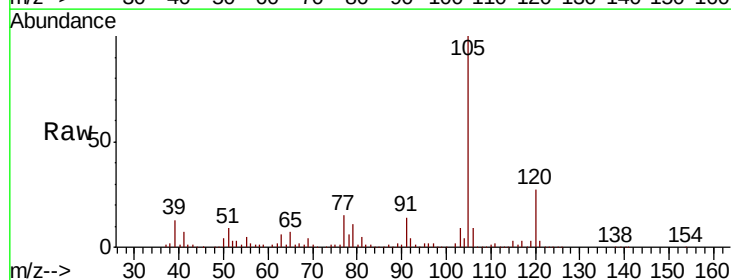
Instrument :
MSVOA_D
ClientSampled :

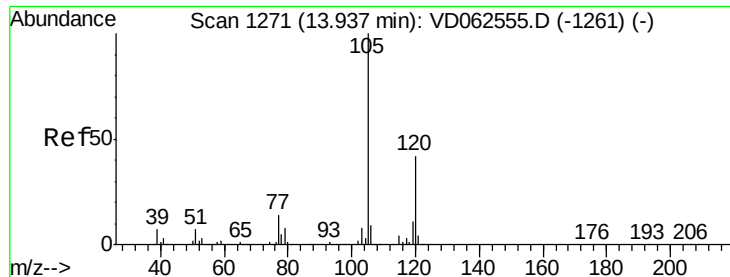
Tot Ion: 91 Resp: 496882
Ion Ratio Lower Upper
91 100
120 21.7 10.0 29.8



#79
2-Chlorotoluene
Concen: 75.904 ug/l
RT: 13.85 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion: 91 Resp: 274382
Ion Ratio Lower Upper
91 100
126 0.6 16.7 50.1#





#80

1,3,5-Trimethylbenzene

Concen: 250.809 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Instrument :

MSVOA_D

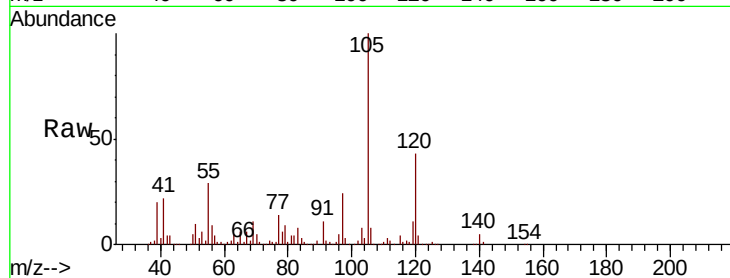
ClientSampled :

Tot Ion:105 Resp: 1159156

Ion Ratio Lower Upper

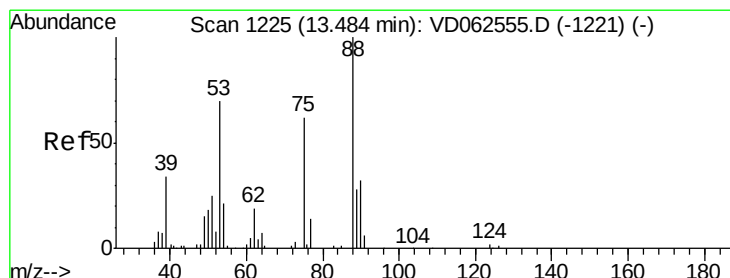
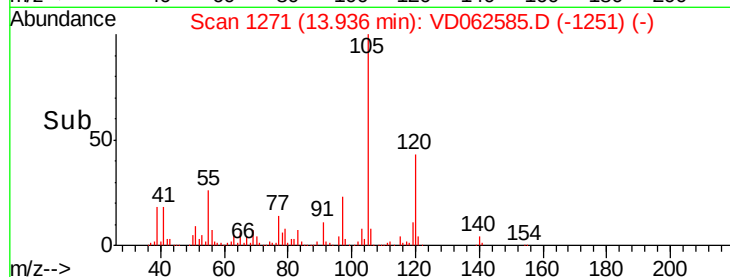
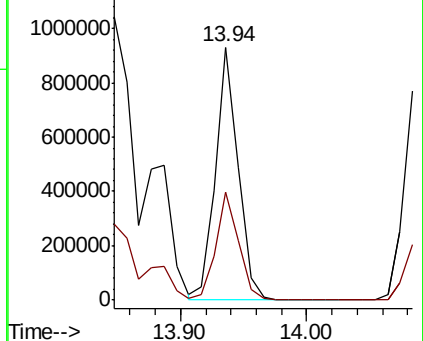
105 100

120 42.7 20.8 62.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#81

trans-1,4-Dichloro-2-butene

Concen: 160.061 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

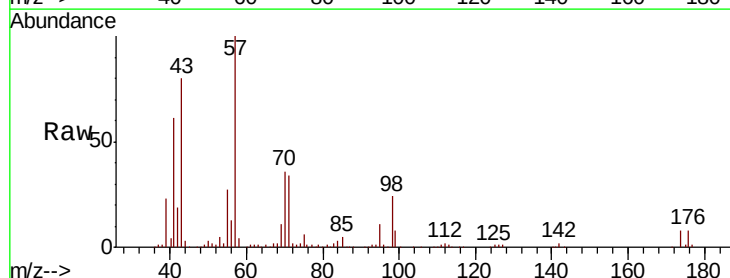
Tgt Ion: 75 Resp: 45142

Ion Ratio Lower Upper

75 100

53 88.4 91.0 136.4#

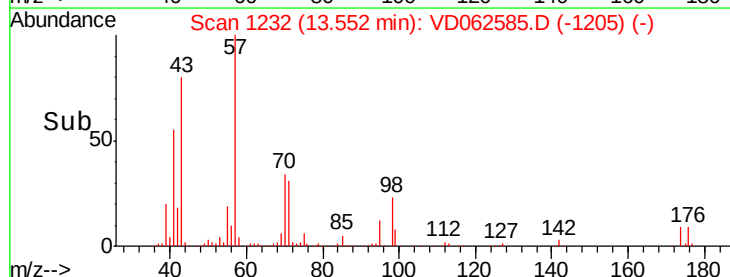
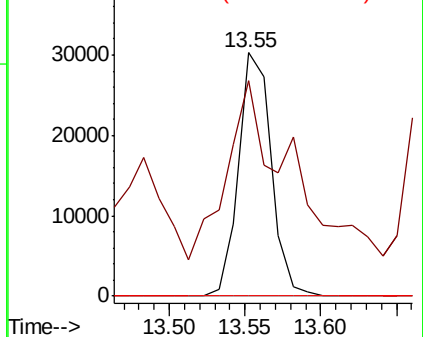
89 0.0 36.9 55.3#

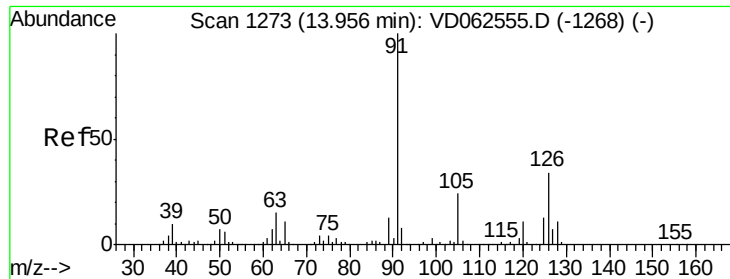


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

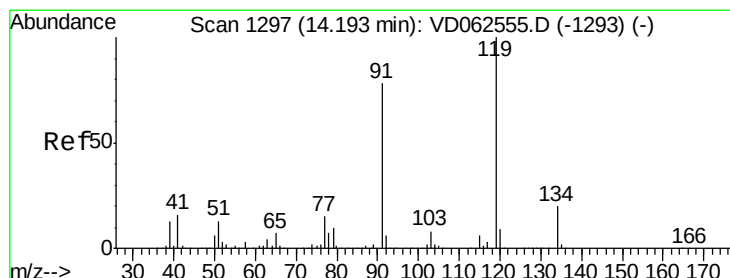
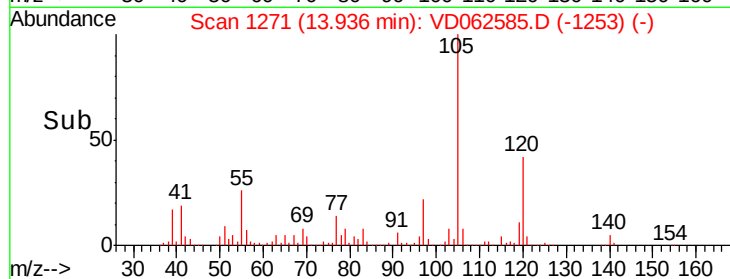
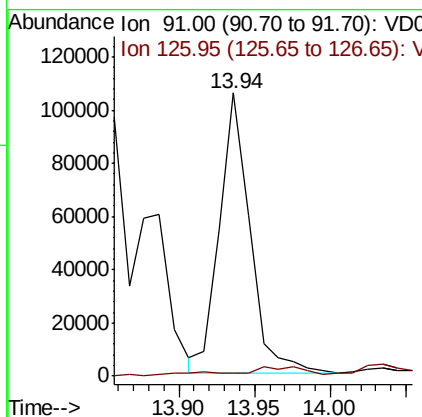
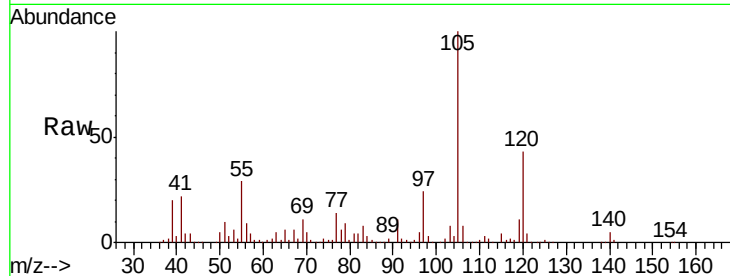




#82
4-Chlorotoluene
Concen: 34.121 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

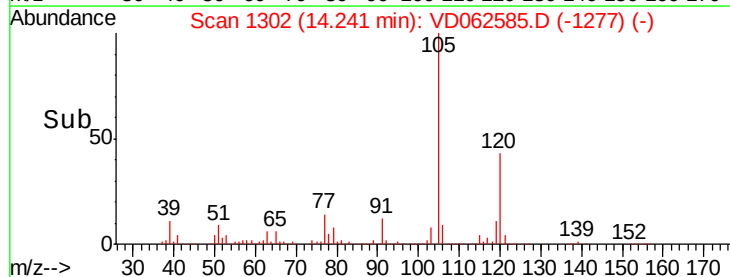
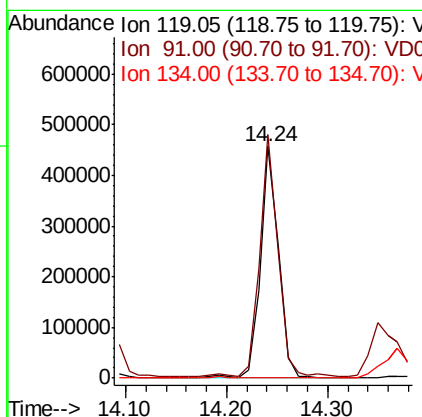
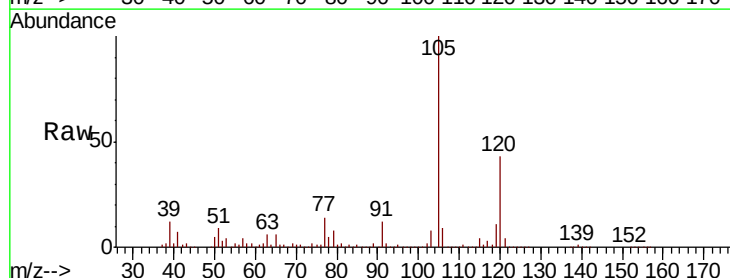
Instrument :
MSVOA_D
ClientSampled :

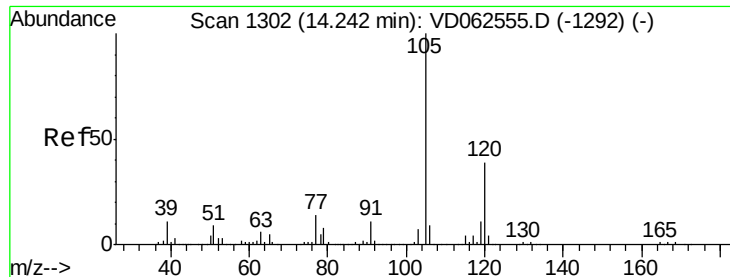
Tot Ion: 91 Resp: 147662
Ion Ratio Lower Upper
91 100
126 1.1 16.9 50.7#



#83
tert-Butylbenzene
Concen: 111.607 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.05 min
Lab File: VD062585.D
Acq: 3 Jun 2019 15:02

Tgt Ion: 119 Resp: 575559
Ion Ratio Lower Upper
119 100
91 105.1 39.1 117.5
134 0.0 10.1 30.3#

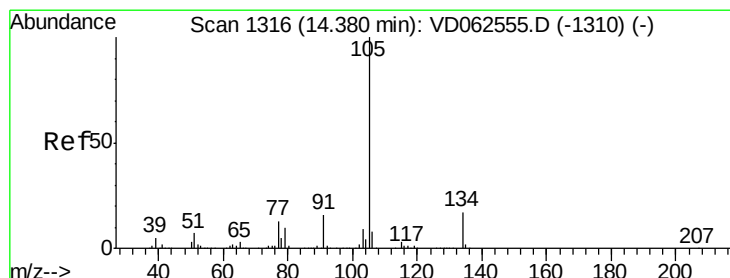
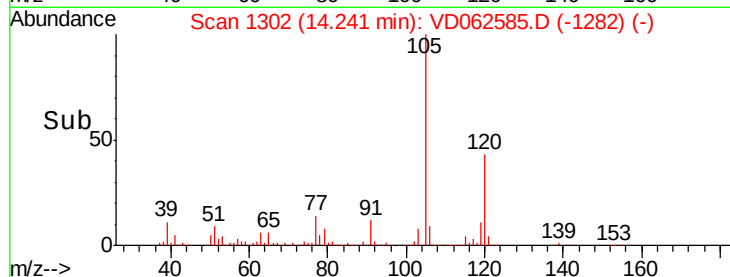
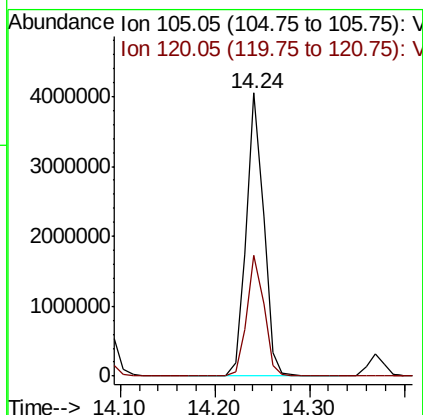
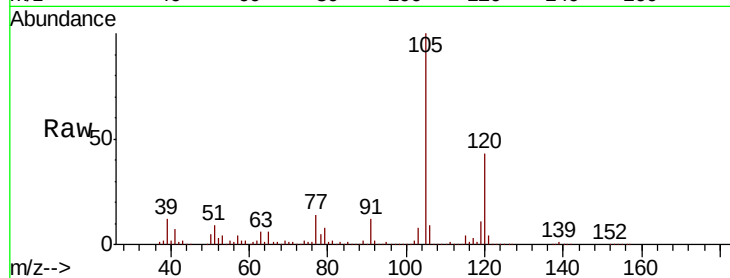




#84
 1,2,4-Trimethylbenzene
 Concen: 1089.049 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

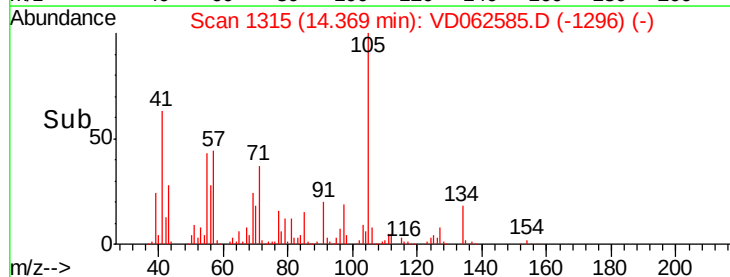
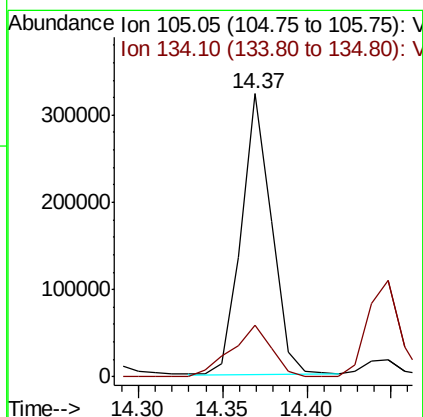
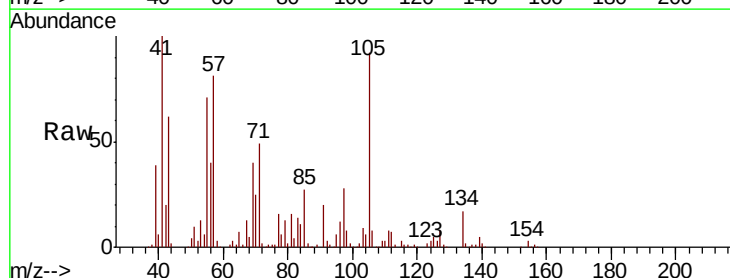
Instrument :
 MSVOA_D
 ClientSampleId :

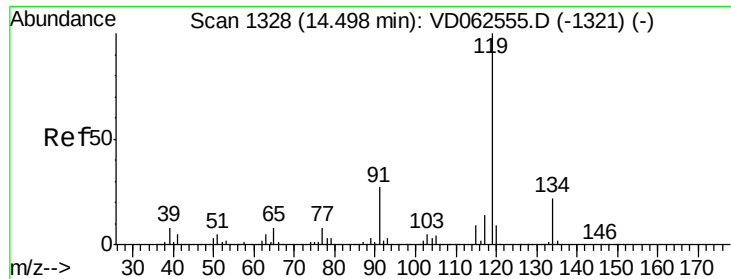
Tot Ion:105 Resp: 5128798
 Ion Ratio Lower Upper
 105 100
 120 42.5 19.6 58.8



#85
 sec-Butylbenzene
 Concen: 72.960 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Tgt Ion:105 Resp: 398582
 Ion Ratio Lower Upper
 105 100
 134 18.1 8.7 26.1

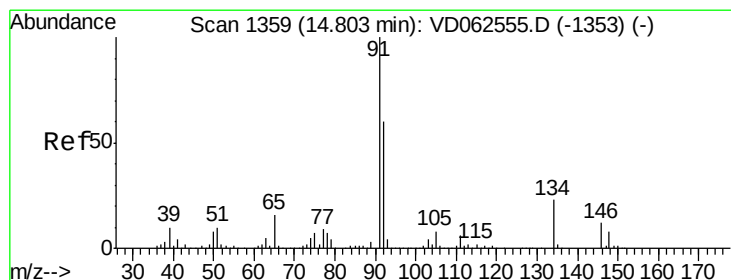
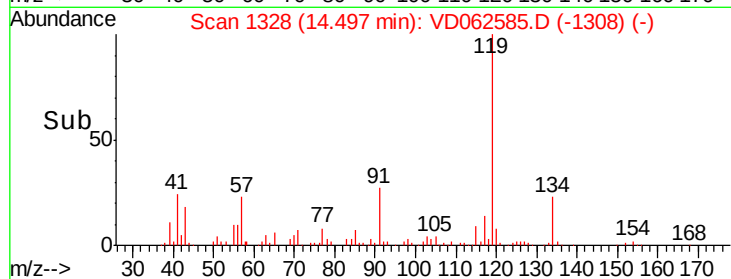
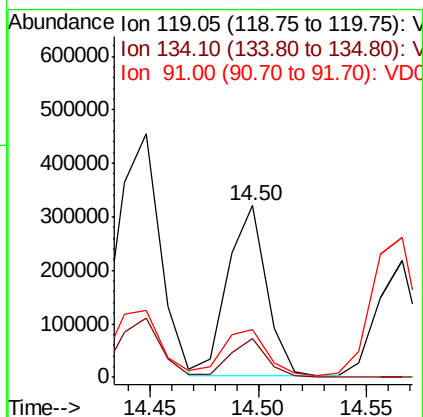
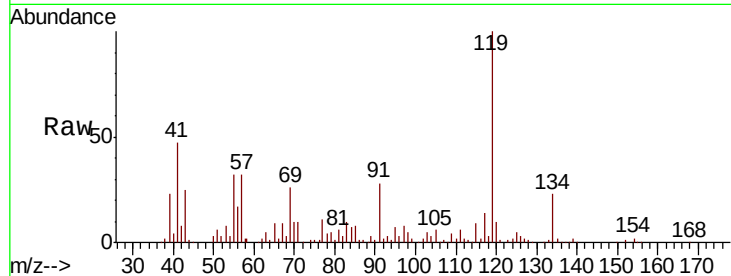




#86
 p-Isopropyltoluene
 Concen: 78.839 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

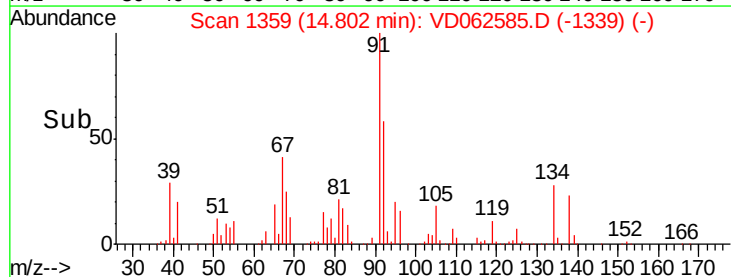
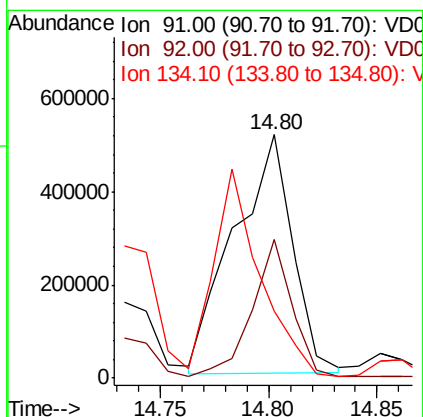
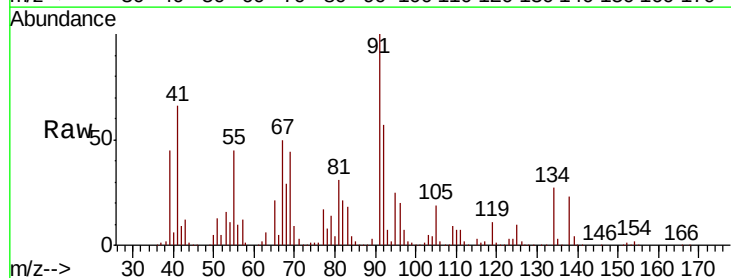
Instrument :
 MSVOA_D
 ClientSampled :

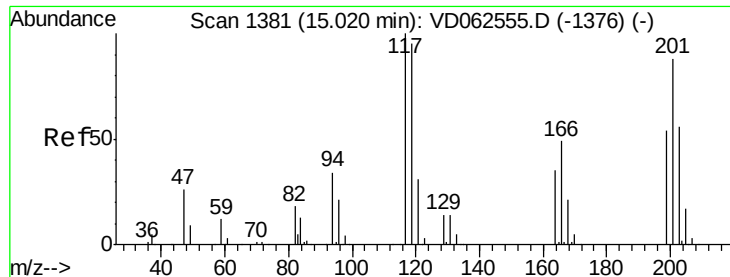
Tot Ion:119 Resp: 402394
 Ion Ratio Lower Upper
 119 100
 134 22.9 11.2 33.6
 91 28.1 13.6 40.7



#89
 n-Butylbenzene
 Concen: 210.372 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Tgt Ion: 91 Resp: 958503
 Ion Ratio Lower Upper
 91 100
 92 57.1 29.8 89.4
 134 27.3 11.3 33.8





#90

Hexachloroethane

Concen: 148.038 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

Instrument :

MSVOA_D

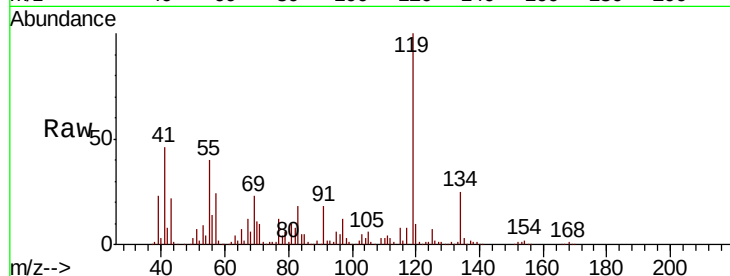
ClientSampleId :

Tot Ion:117 Resp: 200458

Ion Ratio Lower Upper

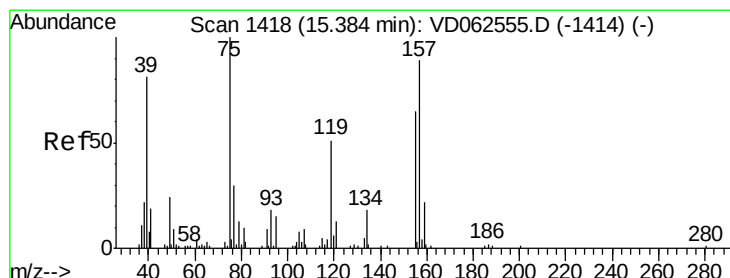
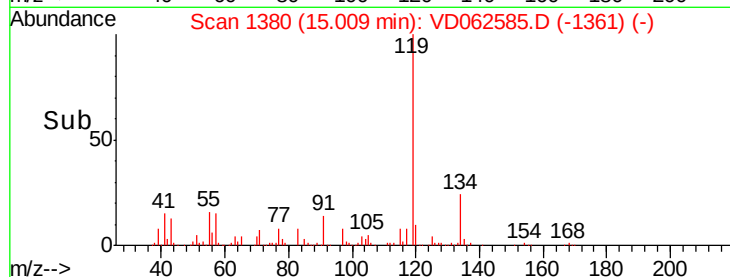
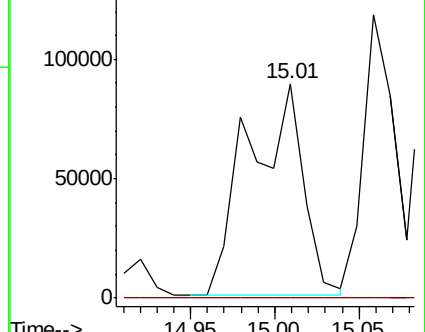
117 100

201 0.0 43.8 131.4#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 142.011 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VD062585.D

Acq: 3 Jun 2019 15:02

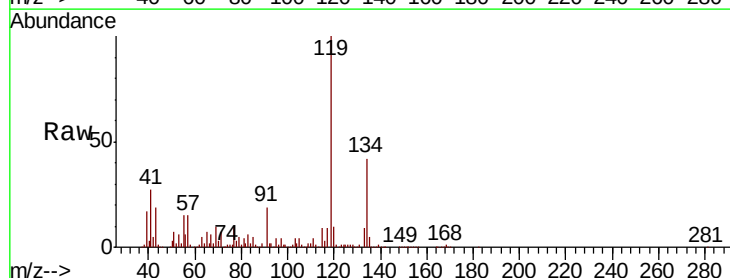
Tgt Ion: 75 Resp: 25259

Ion Ratio Lower Upper

75 100

155 12.2 32.6 97.8#

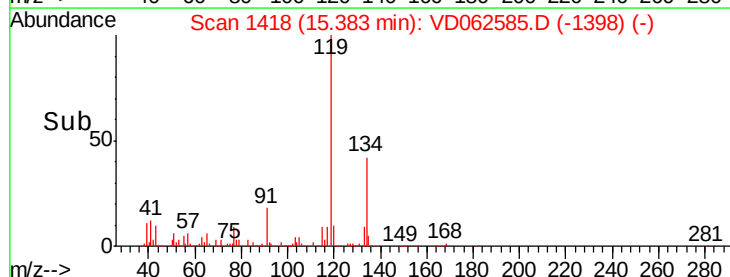
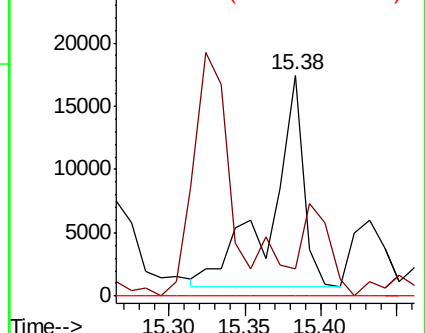
157 0.0 44.5 133.7#

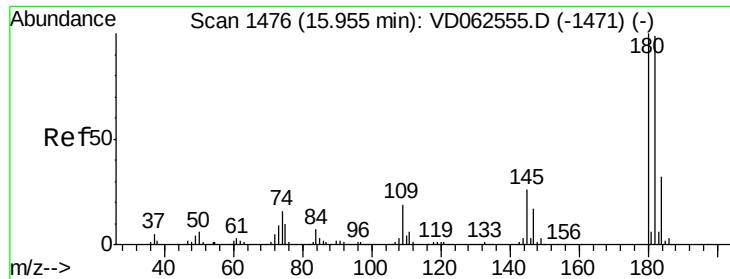


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

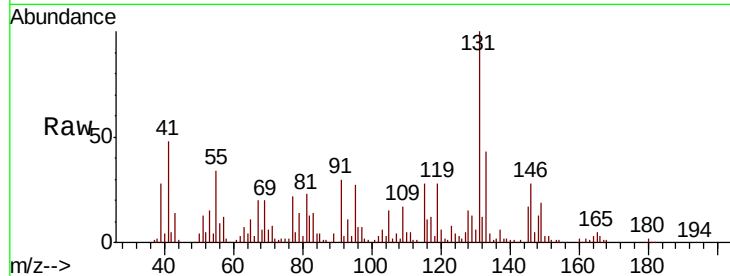




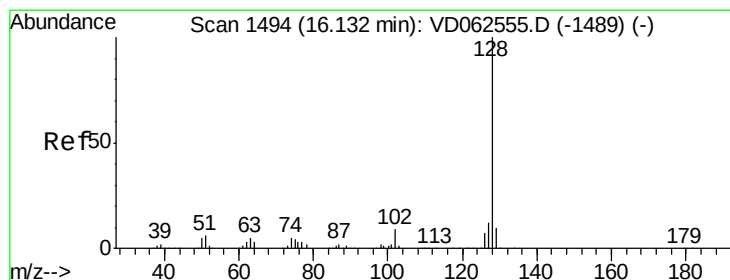
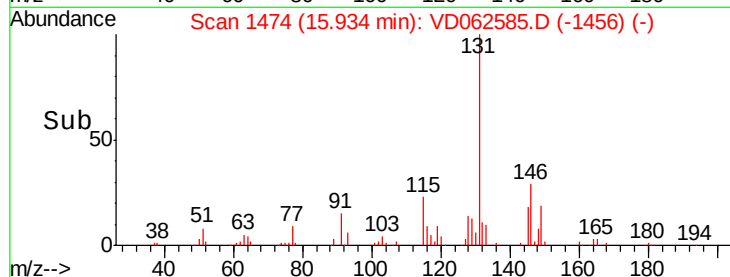
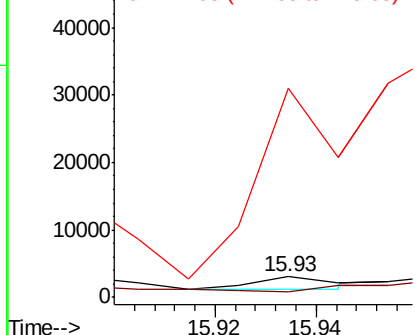
#93
 1,2,4-Trichlorobenzene
 Concen: 1.062 ug/l
 RT: 15.93 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 1837
 Ion Ratio Lower Upper
 180 100
 182 27.4 49.5 148.3#
 145 1026.6 13.1 39.3#

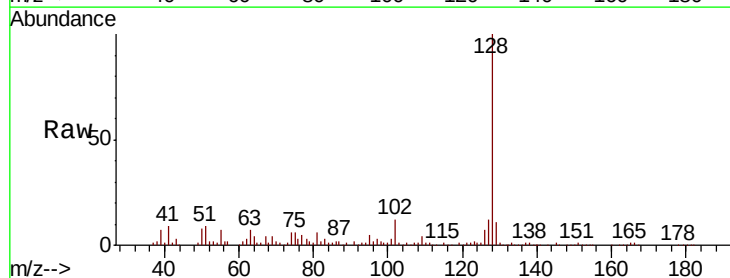


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

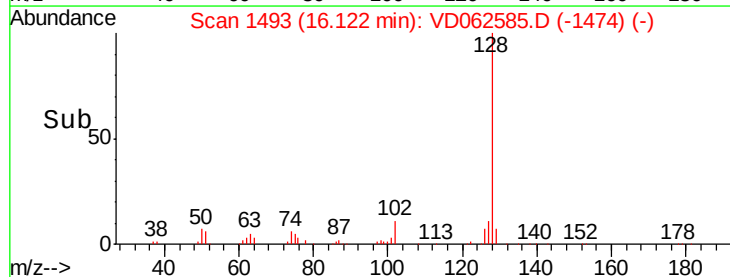
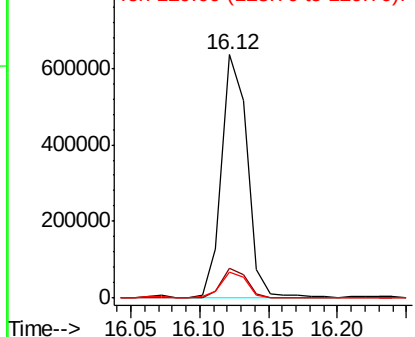


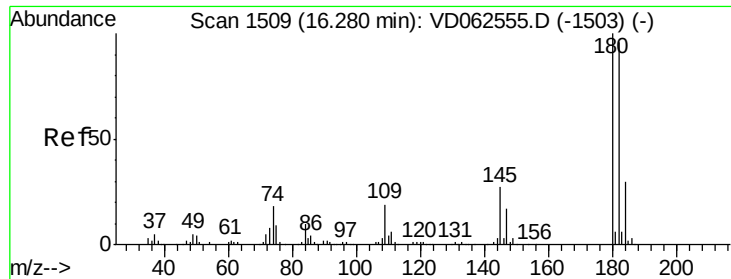
#95
 Naphthalene
 Concen: 345.049 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Tgt Ion:128 Resp: 812528
 Ion Ratio Lower Upper
 128 100
 127 12.2 9.7 14.5
 129 10.7 8.2 12.2



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

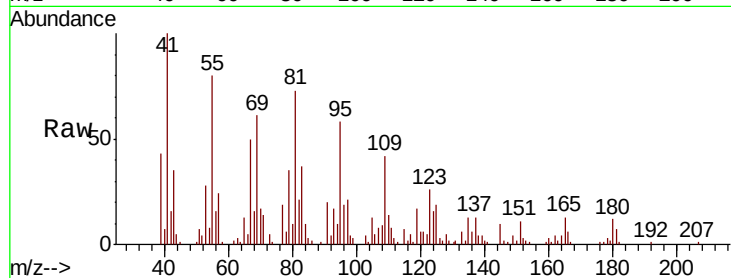




#96
 1,2,3-Trichlorobenzene
 Concen: 3.157 ug/l
 RT: 16.30 min Scan# 1511
 Delta R.T. 0.02 min
 Lab File: VD062585.D
 Acq: 3 Jun 2019 15:02

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 4078
 Ion Ratio Lower Upper
 180 100
 182 11.9 48.1 144.3#
 145 88.2 13.3 39.9#



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

