

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063507.D
 Acq On : 13 Aug 2019 1:57
 Operator : JC/SY
 Sample : K4223-12RE
 Misc : 4.44g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6RE

Quant Time: Aug 13 09:12:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	27249	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	46986	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	40247	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	22531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	30527	104.81	ug/l	-0.01
Spiked Amount			Recovery	=	209.62%	
35) Dibromofluoromethane	6.92	113	8123	20.53	ug/l	-0.01
Spiked Amount			Recovery	=	41.06%	
50) Toluene-d8	10.41	98	27468	31.57	ug/l	-0.01
Spiked Amount			Recovery	=	63.14%	
62) 4-Bromofluorobenzene	13.56	95	18848	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	

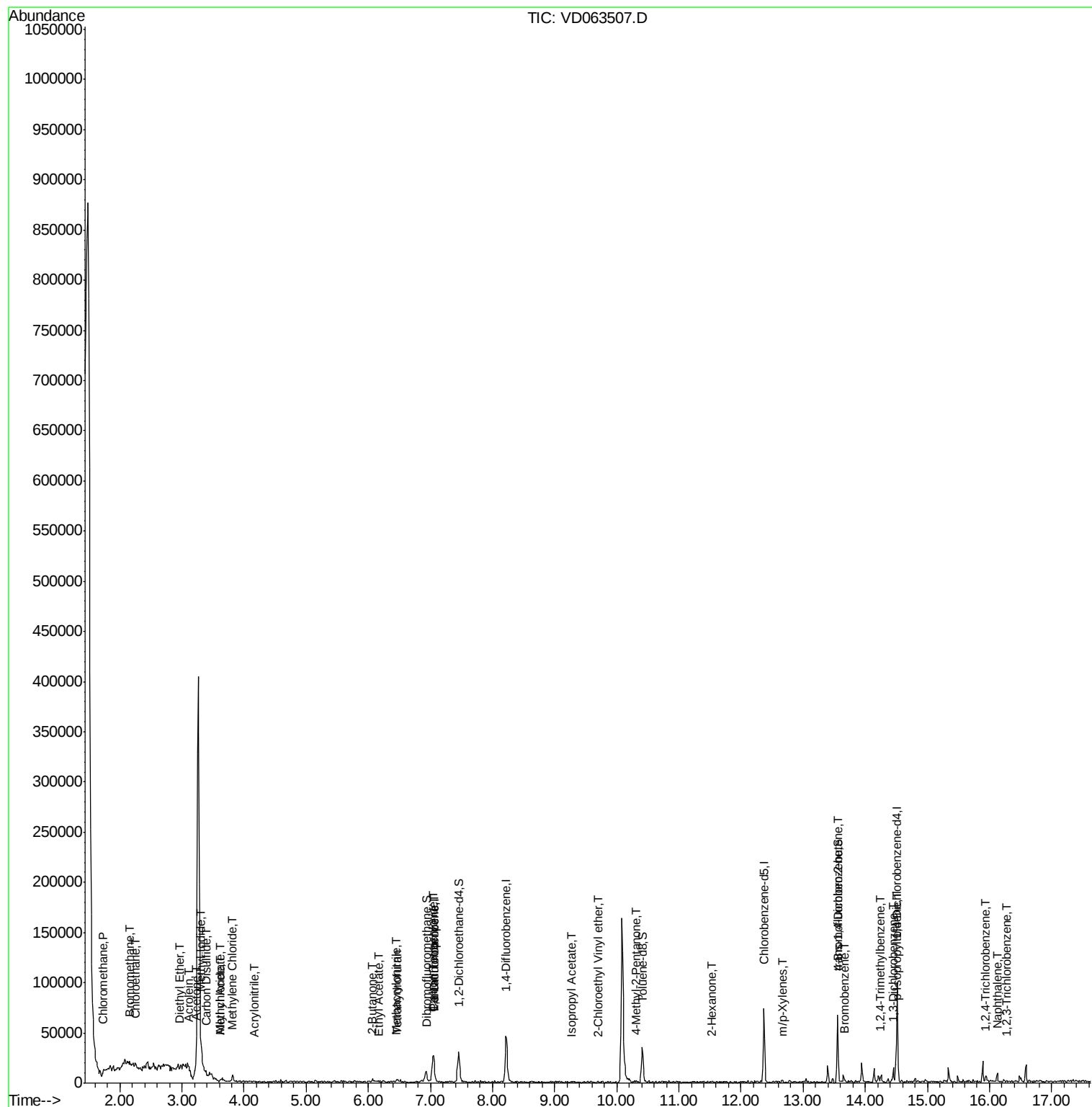
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	682	2.648	ug/l #	39
5) Bromomethane	2.15	94	1021	8.463	ug/l #	11
6) Chloroethane	2.25	64	423	3.618	ug/l #	42
8) Diethyl Ether	2.96	74	419	5.917	ug/l	86
10) Methyl Iodide	3.31	142	2712	6.472	ug/l #	73
13) Acrolein	3.11	56	286	22.915	ug/l	98
14) Allyl chloride	3.61	41	479	1.447	ug/l #	8
15) Acrylonitrile	4.18	53	181	5.389	ug/l #	11
16) Acetone	3.21	43	22640	382.370	ug/l	98
17) Carbon Disulfide	3.39	76	1046	1.505	ug/l #	75
18) Methyl Acetate	3.63	43	5136	45.795	ug/l #	57
20) Methylene Chloride	3.81	84	1632	6.374	ug/l #	80
25) 2-Butanone	6.08	43	5956	101.851	ug/l #	58
29) Tetrahydrofuran	6.47	42	1725	63.305	ug/l #	56
36) 1,1-Dichloropropene	7.05	75	1702	4.098	ug/l #	42
37) Ethyl Acetate	6.17	43	631	3.625	ug/l #	73
38) Carbon Tetrachloride	7.03	117	2365	3.778	ug/l #	13
41) Methacrylonitrile	6.45	41	893	4.075	ug/l #	84
43) Isopropyl Acetate	9.28	43	324	1.390	ug/l #	48
51) 4-Methyl-2-Pentanone	10.31	43	679	4.257	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.71	63	191	1.676	ug/l #	49
59) 2-Hexanone	11.53	43	477	4.110	ug/l #	30
68) m/p-Xylenes	12.67	106	666	1.445	ug/l	93
77) Bromobenzene	13.67	156	903	2.306	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.55	75	8342	120.029	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.24	105	1822	1.573	ug/l	73
86) p-Isopropyltoluene	14.49	119	9015	6.733	ug/l	93
87) 1,3-Dichlorobenzene	14.46	146	1539	2.172	ug/l #	23
93) 1,2,4-Trichlorobenzene	15.94	180	1025	2.318	ug/l #	62
95) Naphthalene	16.13	128	4587	6.843	ug/l #	82
96) 1,2,3-Trichlorobenzene	16.28	180	378	1.058	ug/l #	62

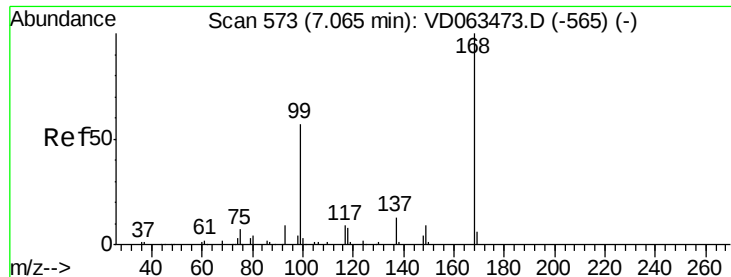
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleID :

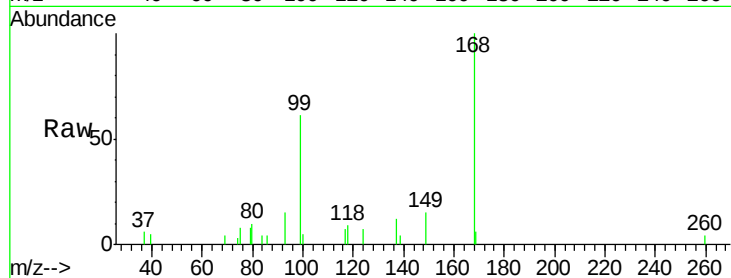
SP-6RE

Tot Ion:168 Resp: 27249

Ion Ratio Lower Upper

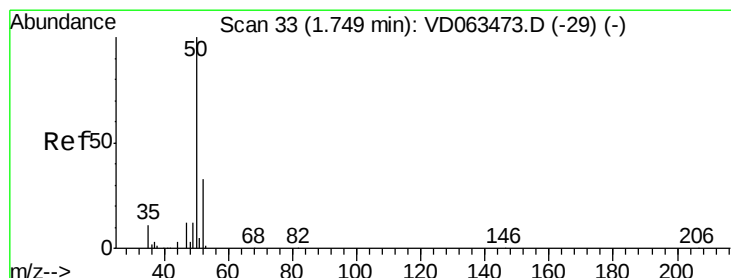
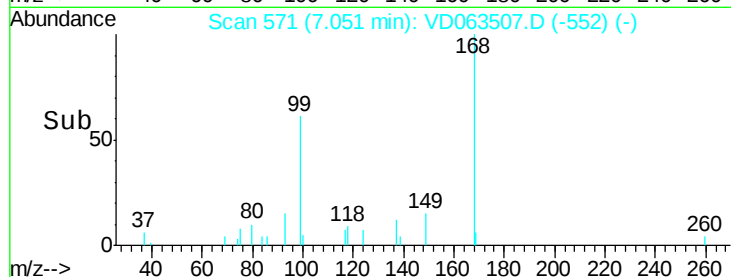
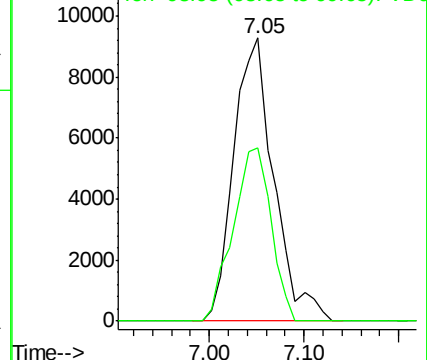
168 100

99 61.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 2.648 ug/l

RT: 1.75 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD063507.D

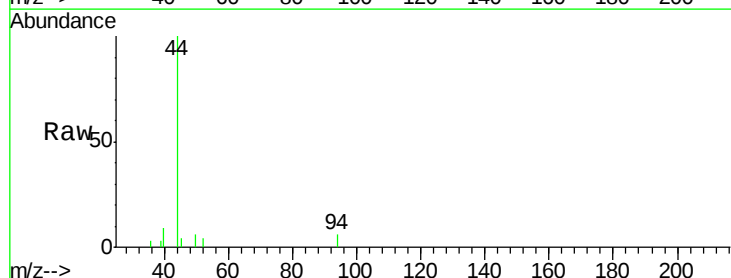
Acq: 13 Aug 2019 1:57

Tgt Ion: 50 Resp: 682

Ion Ratio Lower Upper

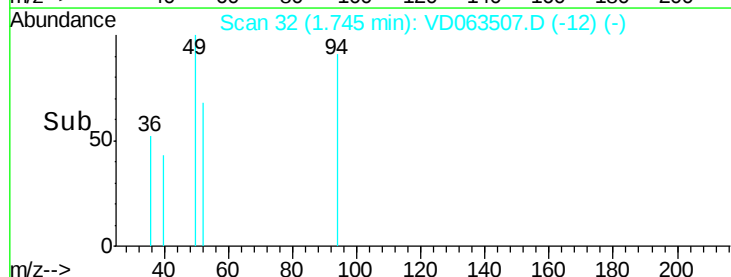
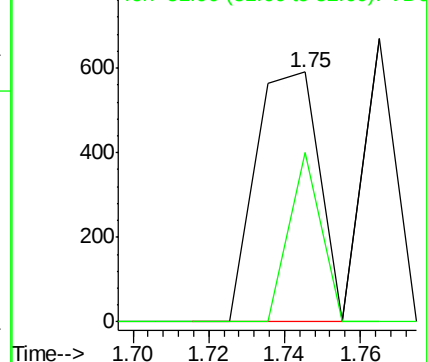
50 100

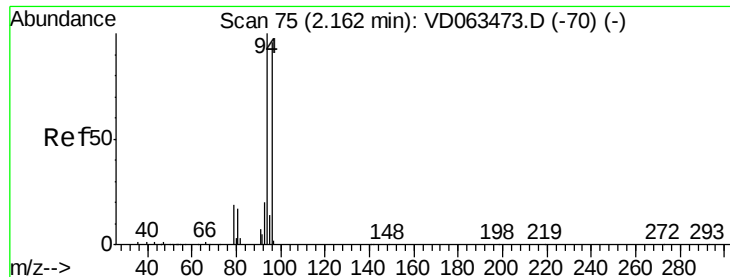
52 68.0 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 8.463 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

SP-6RE

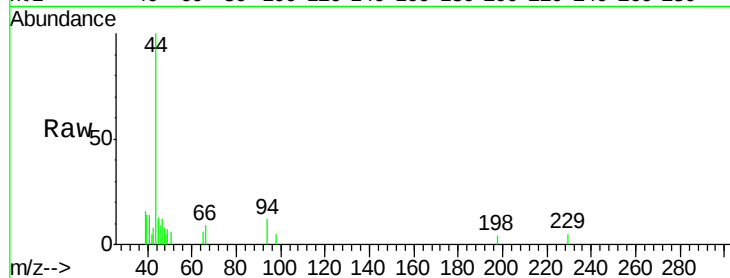
Tot Ion: 94 Resp: 1021

Ion Ratio Lower Upper

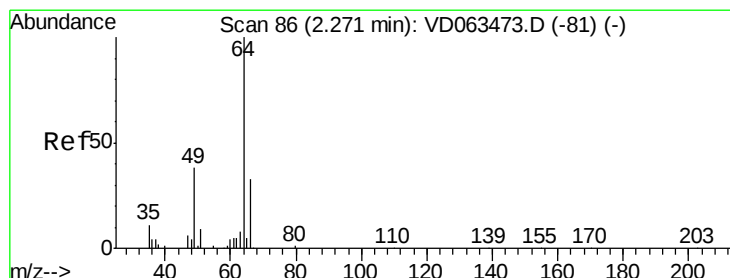
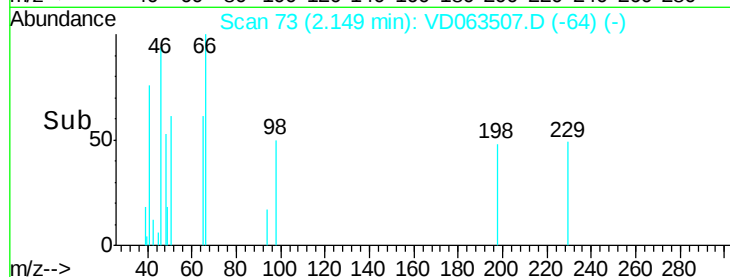
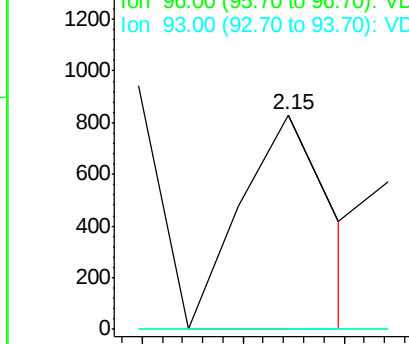
94 100

96 0.0 76.5 114.7#

93 0.0 15.8 23.8#



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



#6

Chloroethane

Concen: 3.618 ug/l

RT: 2.25 min Scan# 83

Delta R.T. -0.02 min

Lab File: VD063507.D

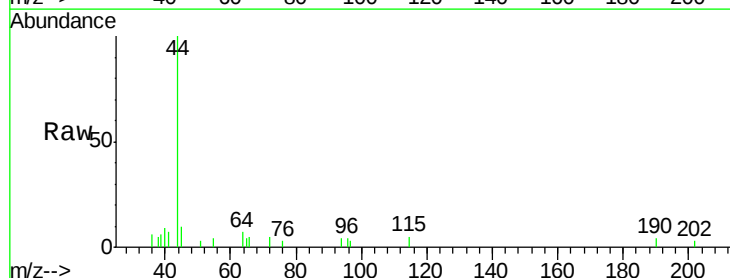
Acq: 13 Aug 2019 1:57

Tgt Ion: 64 Resp: 423

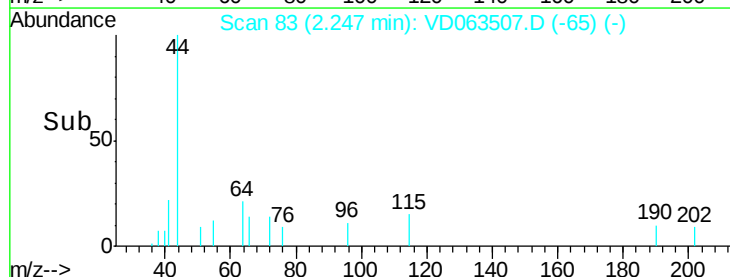
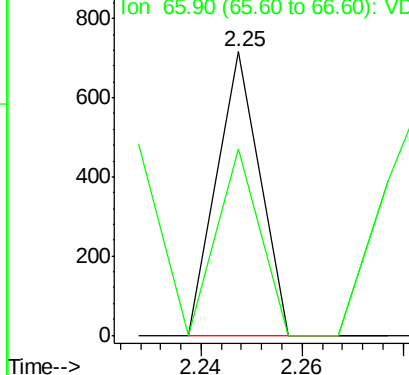
Ion Ratio Lower Upper

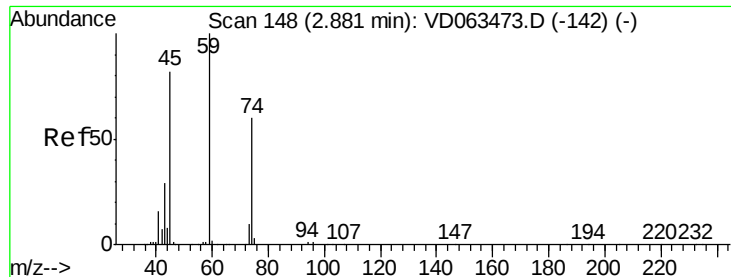
64 100

66 65.9 26.3 39.5#



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC





#8

Diethyl Ether

Concen: 5.917 ug/l

RT: 2.96 min Scan# 155

Delta R.T. 0.08 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

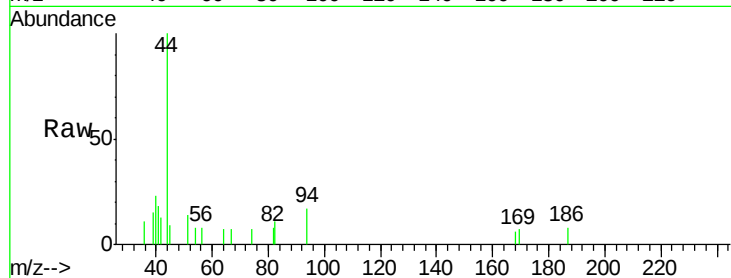
SP-6RE

Tot Ion: 74 Resp: 419

Ion Ratio Lower Upper

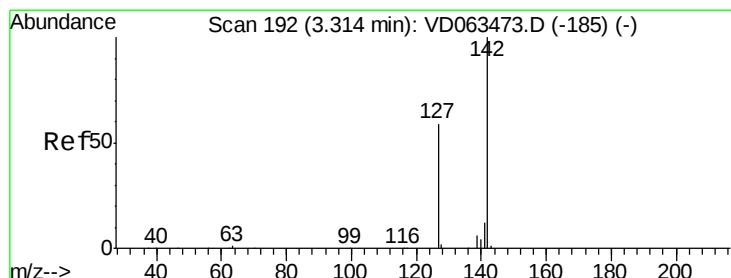
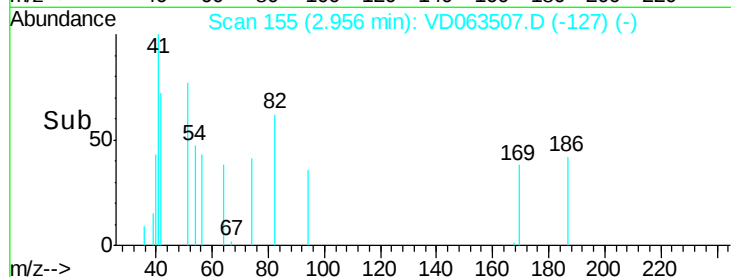
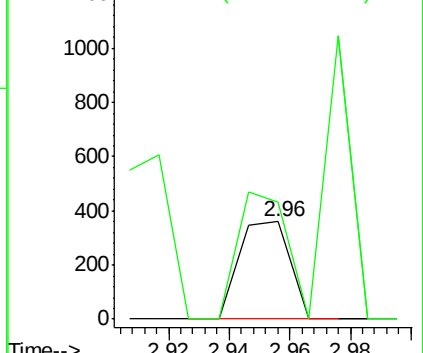
74 100

45 119.9 68.5 205.5



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#10

Methyl Iodide

Concen: 6.472 ug/l

RT: 3.31 min Scan# 191

Delta R.T. -0.00 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

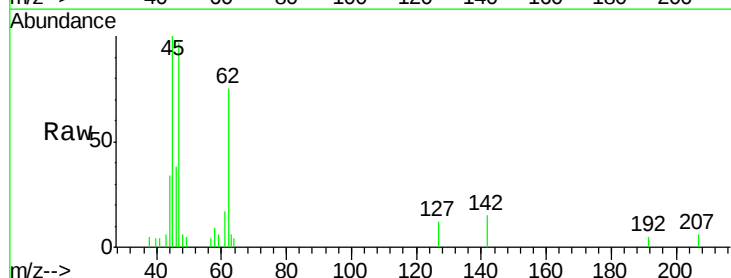
Tgt Ion: 142 Resp: 2712

Ion Ratio Lower Upper

142 100

127 79.0 47.2 70.8#

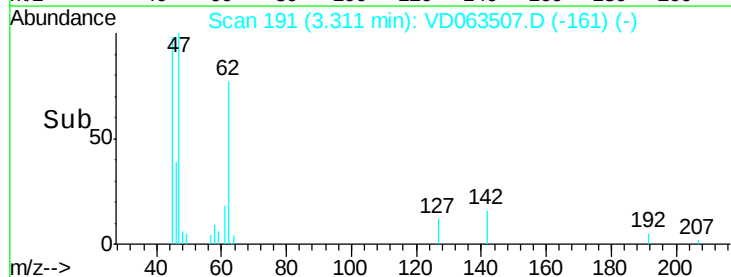
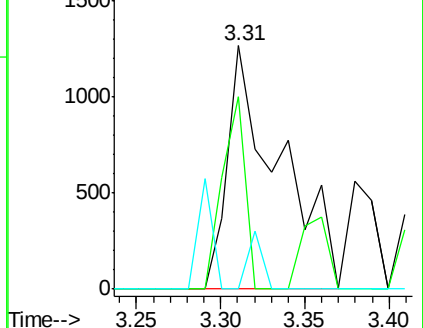
141 0.0 9.8 14.8#

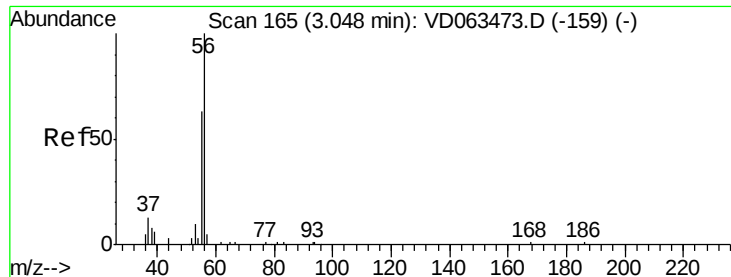


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#13

Acrolein

Concen: 22.915 ug/l

RT: 3.11 min Scan# 171

Delta R.T. 0.07 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

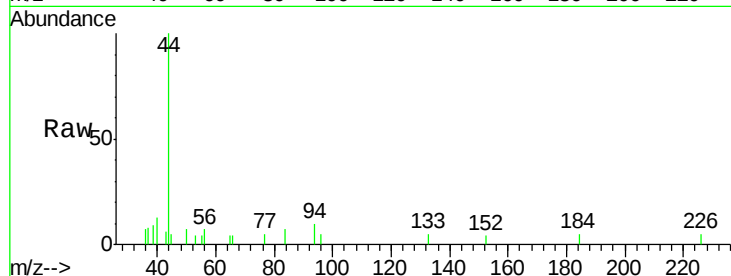
SP-6RE

Tot Ion: 56 Resp: 286

Ion Ratio Lower Upper

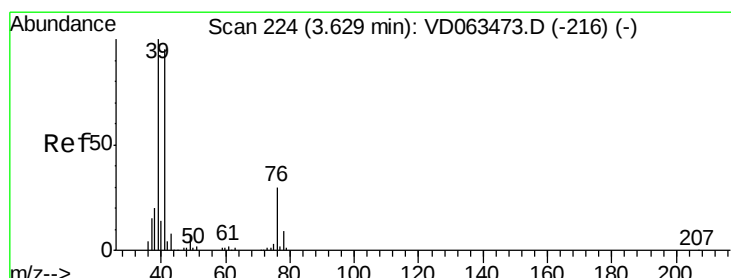
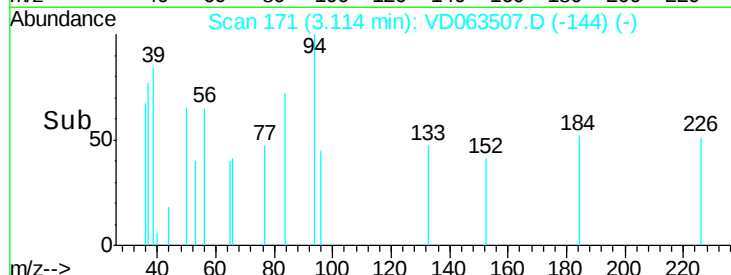
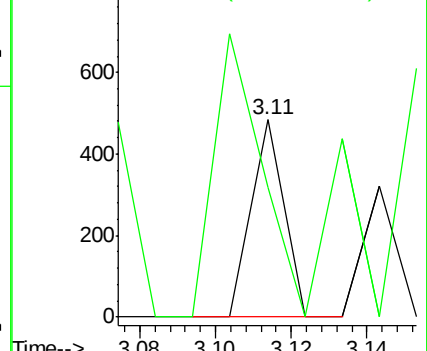
56 100

55 65.5 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 1.447 ug/l

RT: 3.61 min Scan# 221

Delta R.T. -0.02 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

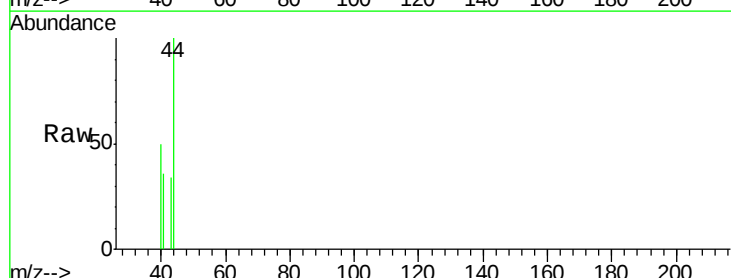
Tgt Ion: 41 Resp: 479

Ion Ratio Lower Upper

41 100

39 0.0 84.2 126.4#

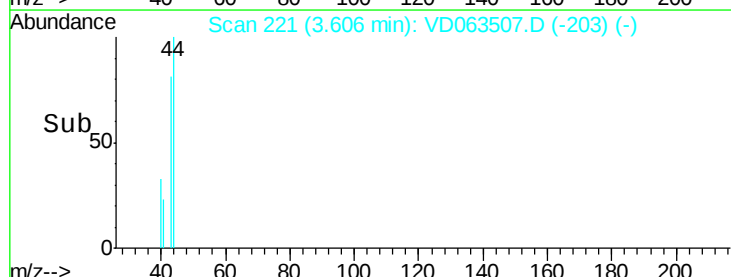
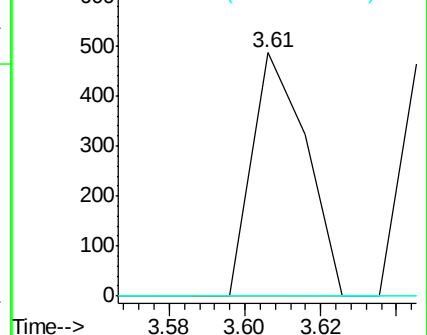
76 0.0 26.0 39.0#

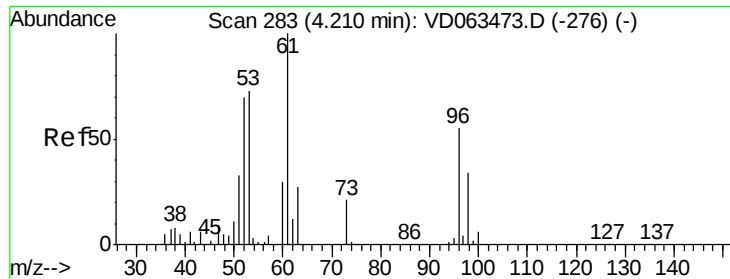


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 5.389 ug/l

RT: 4.18 min Scan# 279

Delta R.T. -0.03 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

SP-6RE

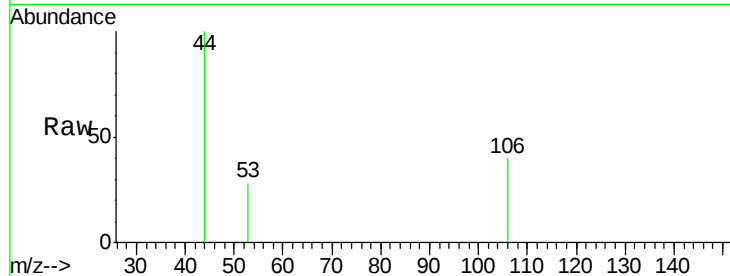
Tot Ion: 53 Resp: 181

Ion Ratio Lower Upper

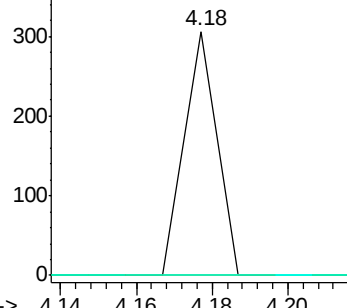
53 100

52 0.0 77.4 116.0#

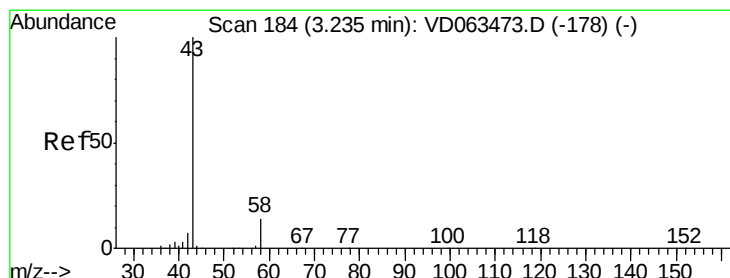
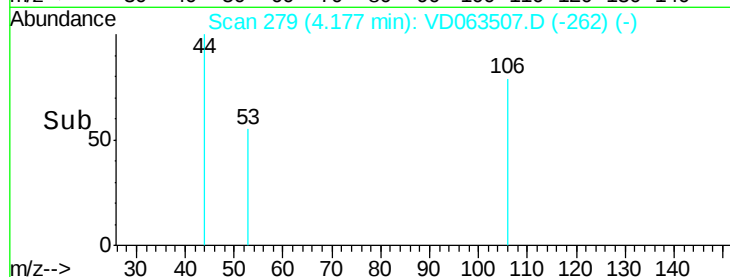
51 0.0 36.7 55.1#



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



Time-->



#16

Acetone

Concen: 382.370 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063507.D

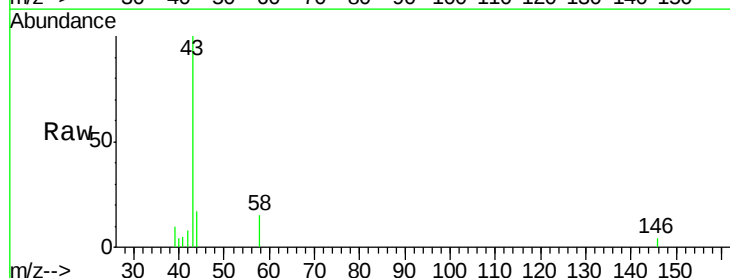
Acq: 13 Aug 2019 1:57

Tgt Ion: 43 Resp: 22640

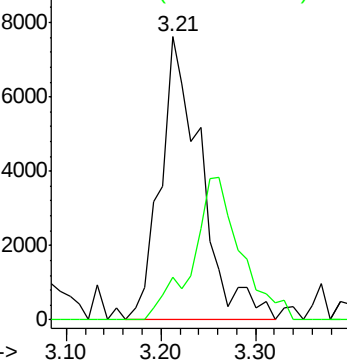
Ion Ratio Lower Upper

43 100

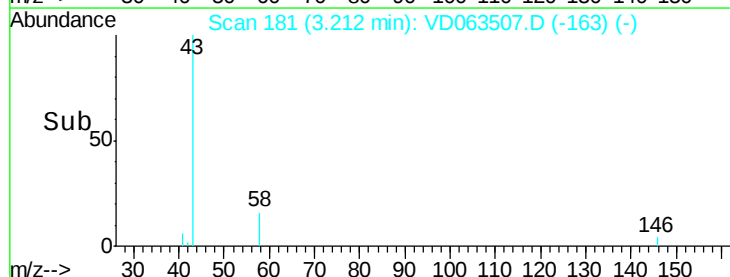
58 15.1 11.4 17.2

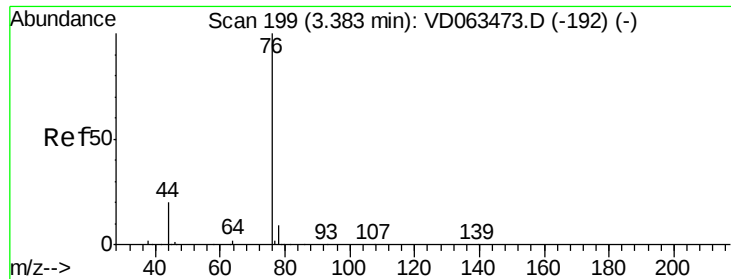


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



Time-->





#17

Carbon Disulfide

Concen: 1.505 ug/l

RT: 3.39 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

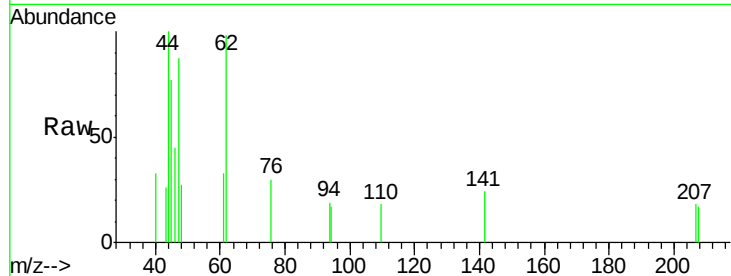
SP-6RE

Tot Ion: 76 Resp: 1046

Ion Ratio Lower Upper

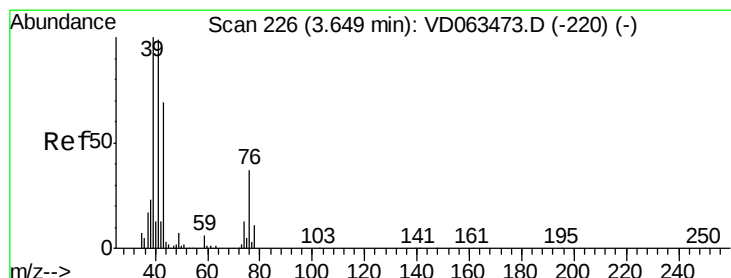
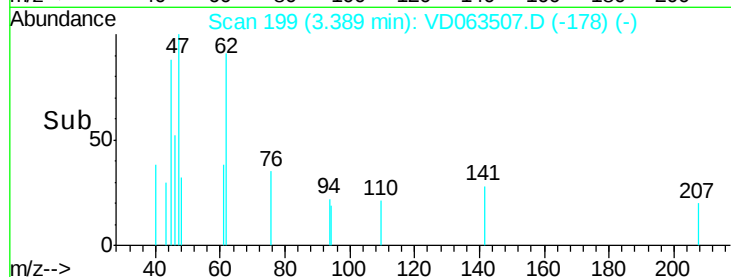
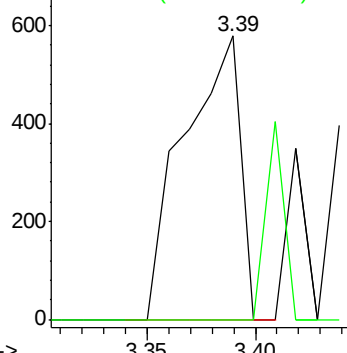
76 100

78 0.0 7.4 11.0#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 45.795 ug/l

RT: 3.63 min Scan# 223

Delta R.T. -0.02 min

Lab File: VD063507.D

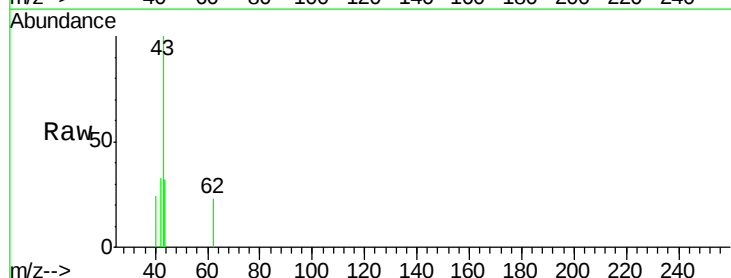
Acq: 13 Aug 2019 1:57

Tgt Ion: 43 Resp: 5136

Ion Ratio Lower Upper

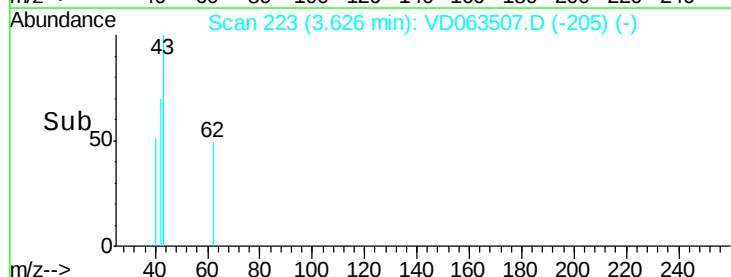
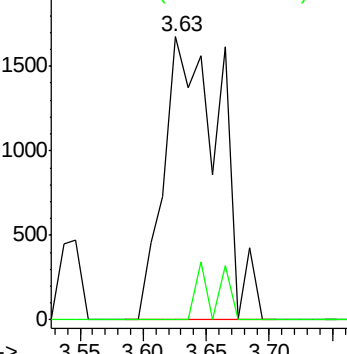
43 100

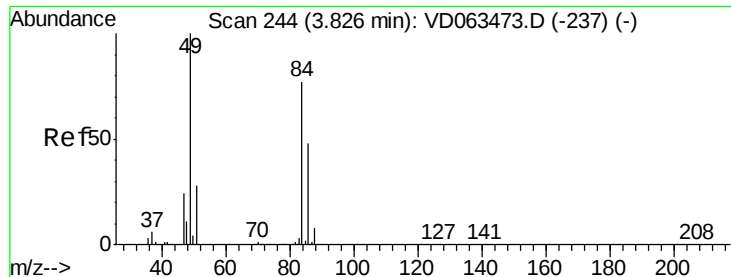
74 0.0 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#20

Methylene Chloride

Concen: 6.374 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

SP-6RE

Tot Ion: 84 Resp: 1632

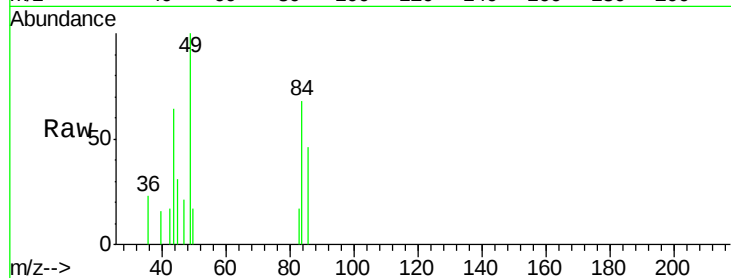
Ion Ratio Lower Upper

84 100

49 146.2 103.4 155.2

51 0.0 28.5 42.7#

86 66.6 49.4 74.2

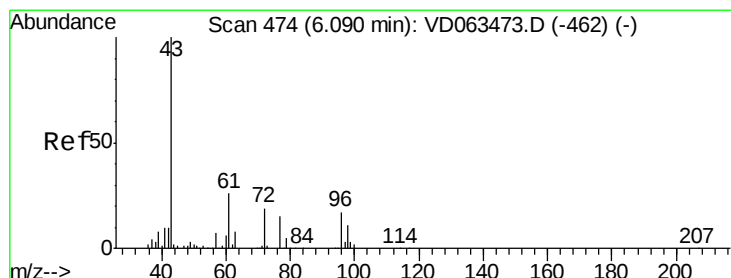
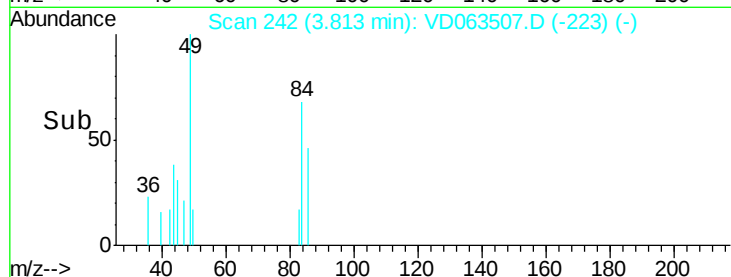
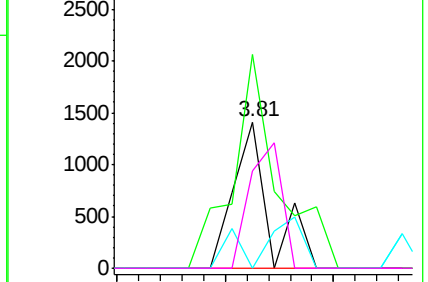


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 101.851 ug/l

RT: 6.08 min Scan# 472

Delta R.T. -0.01 min

Lab File: VD063507.D

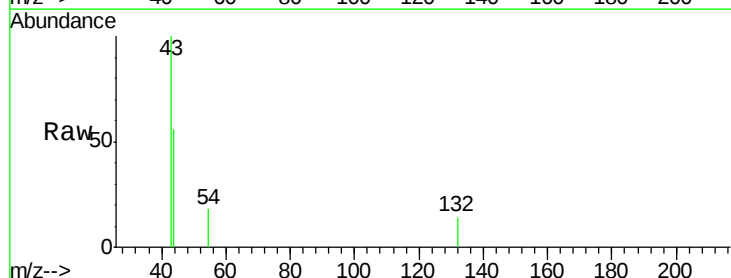
Acq: 13 Aug 2019 1:57

Tgt Ion: 43 Resp: 5956

Ion Ratio Lower Upper

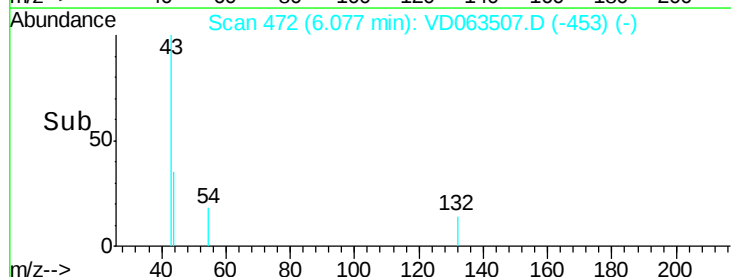
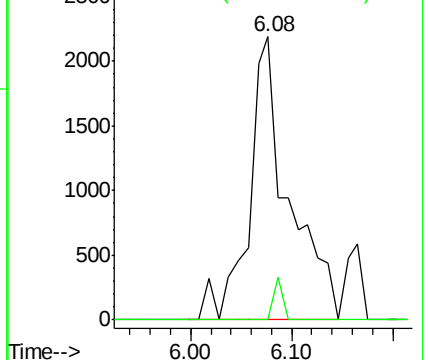
43 100

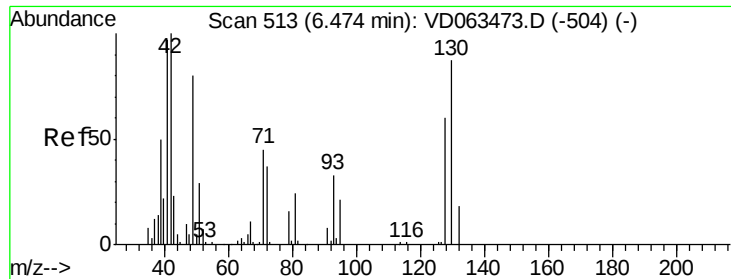
72 0.0 15.1 22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

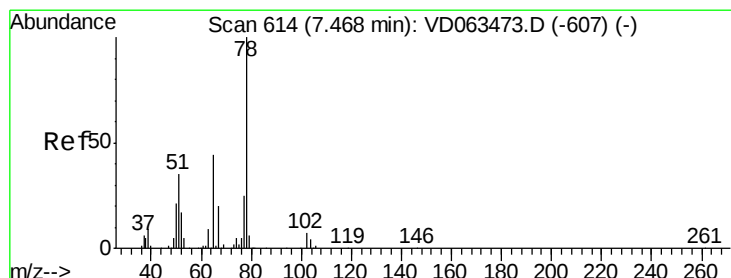
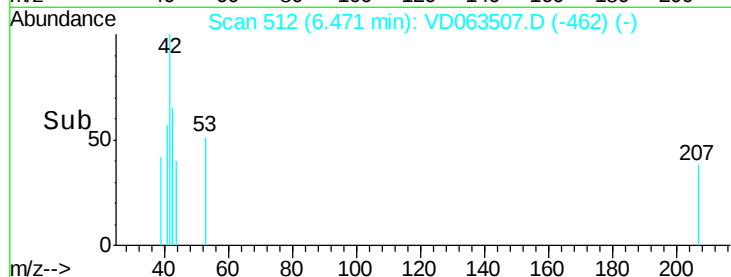
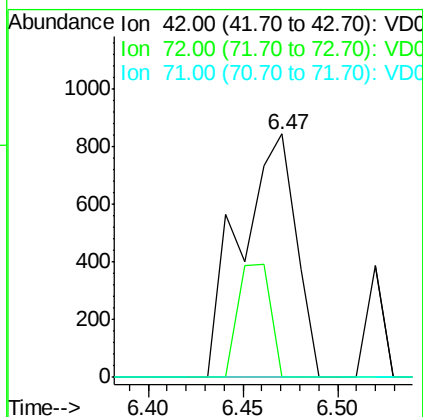
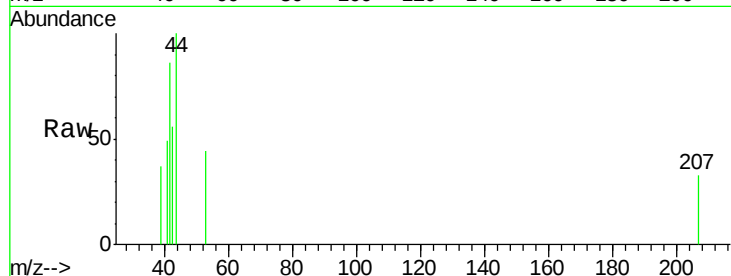




#29
Tetrahydrofuran
Concen: 63.305 ug/l
RT: 6.47 min Scan# 512
Delta R.T. -0.00 min
Lab File: VD063507.D
Acq: 13 Aug 2019 1:57

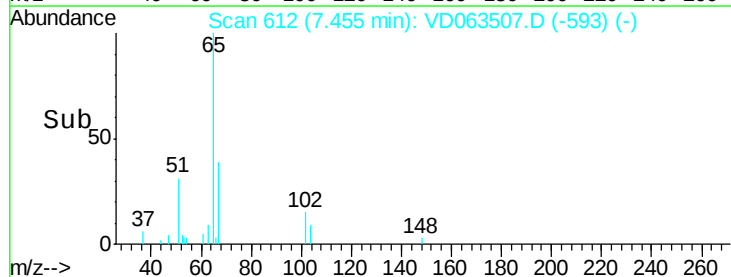
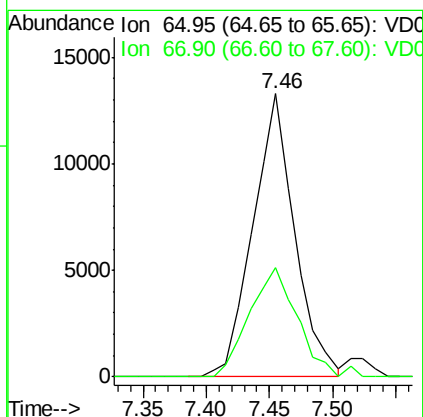
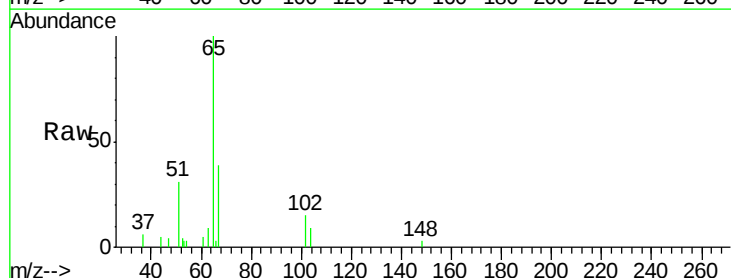
Instrument :
MSVOA_D
ClientSampled :
SP-6RE

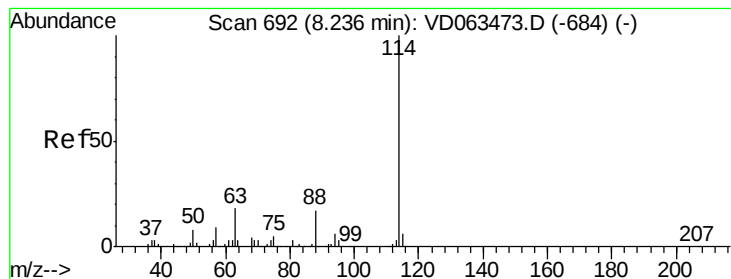
Tot Ion: 42 Resp: 1725
Ion Ratio Lower Upper
42 100
72 26.7 31.5 47.3#
71 0.0 33.8 50.8#



#33
1,2-Dichloroethane-d4
Concen: 104.806 ug/l
RT: 7.46 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063507.D
Acq: 13 Aug 2019 1:57

Tgt Ion: 65 Resp: 30527
Ion Ratio Lower Upper
65 100
67 38.8 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

SP-6RE

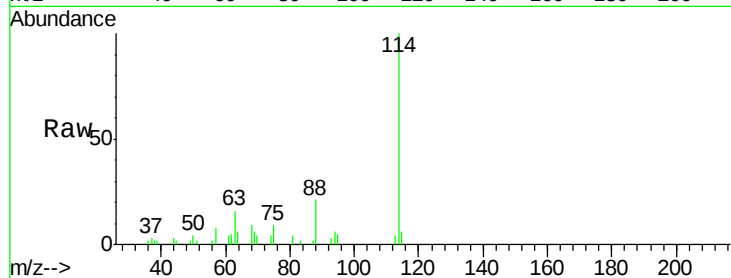
Tot Ion:114 Resp: 46986

Ion Ratio Lower Upper

114 100

63 16.0 0.0 36.2

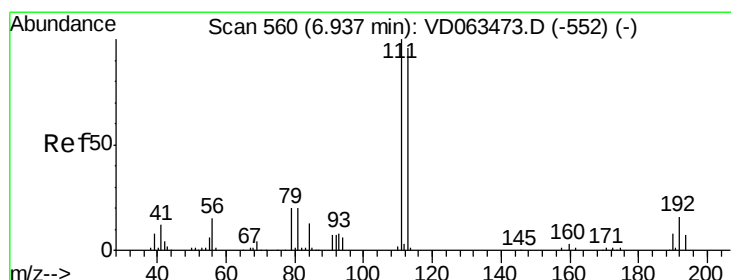
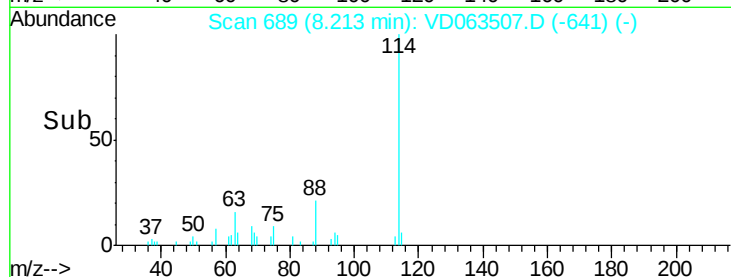
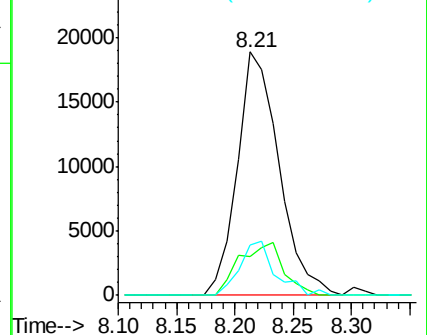
88 20.6 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 20.527 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

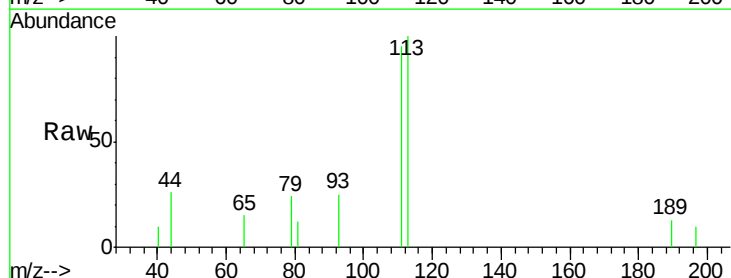
Tgt Ion:113 Resp: 8123

Ion Ratio Lower Upper

113 100

111 95.4 83.1 124.7

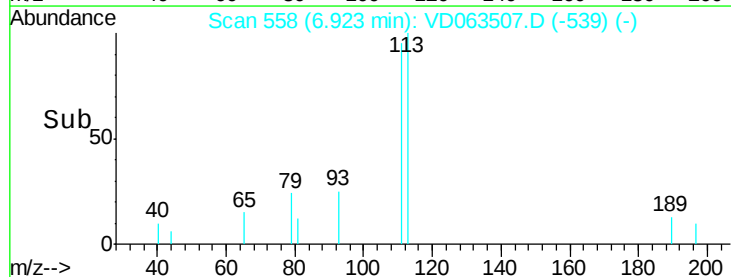
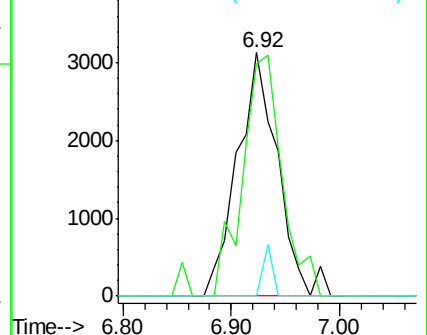
192 0.0 13.1 19.7#

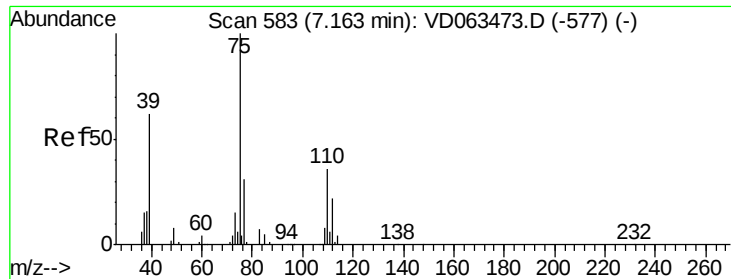


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 4.098 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.11 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

SP-6RE

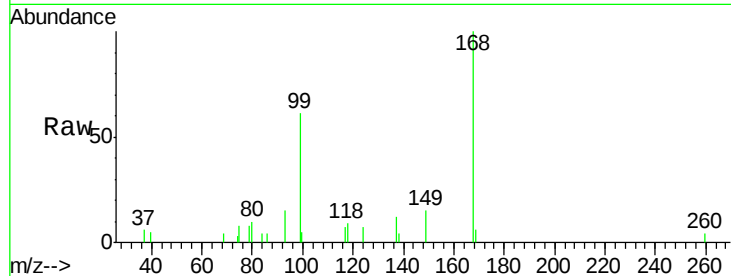
Tot Ion: 75 Resp: 1702

Ion Ratio Lower Upper

75 100

110 0.0 17.6 52.8#

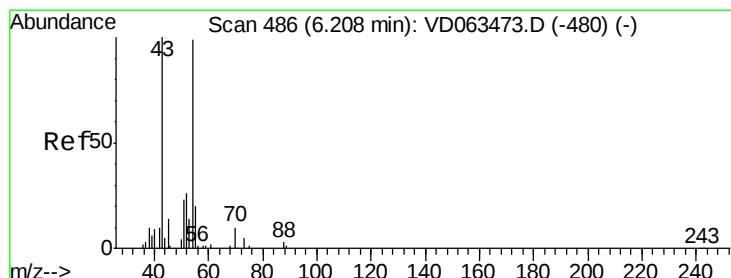
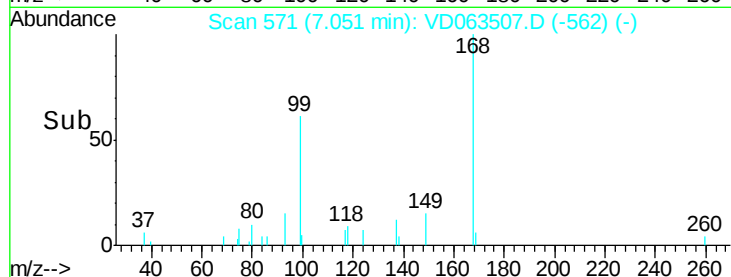
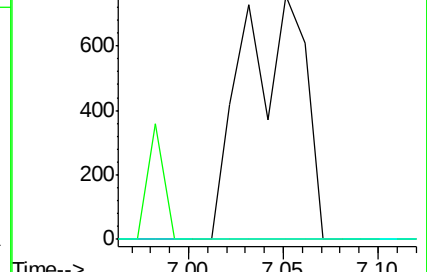
77 0.0 24.3 36.5#



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



#37

Ethyl Acetate

Concen: 3.625 ug/l

RT: 6.17 min Scan# 481

Delta R.T. -0.04 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

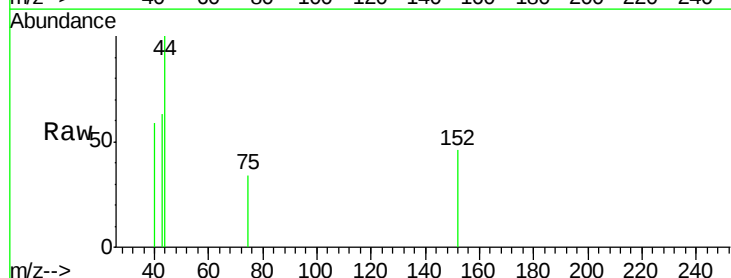
Tgt Ion: 43 Resp: 631

Ion Ratio Lower Upper

43 100

61 0.0 9.0 13.6#

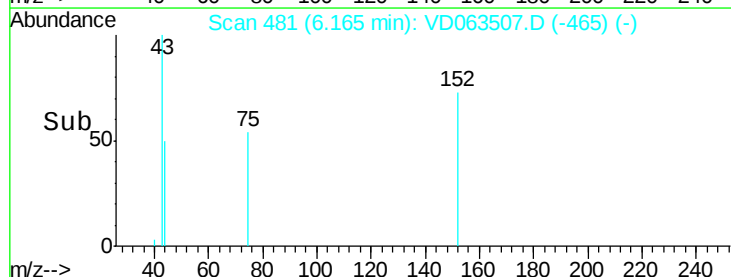
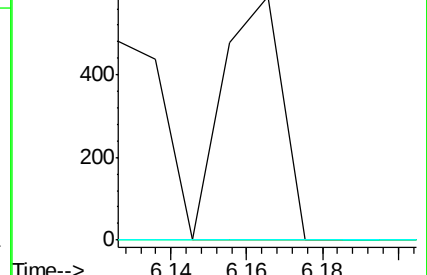
70 0.0 6.9 10.3#

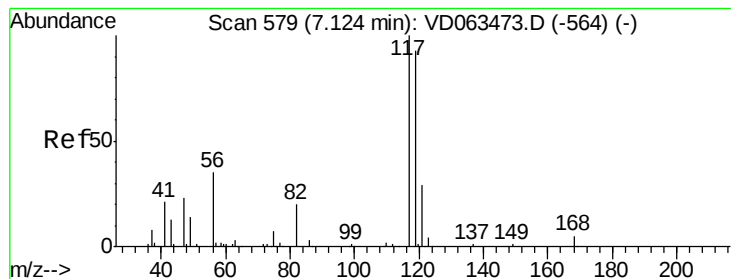


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 3.778 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

SP-6RE

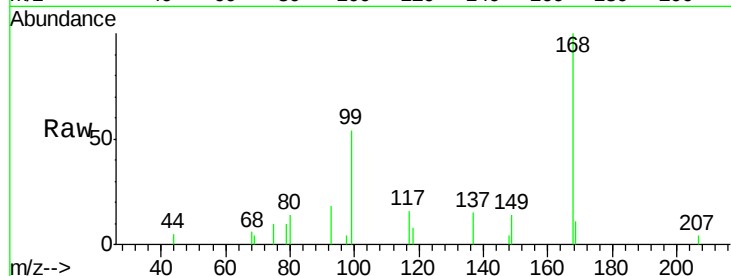
Tot Ion:117 Resp: 2365

Ion Ratio Lower Upper

117 100

119 0.0 74.2 111.2#

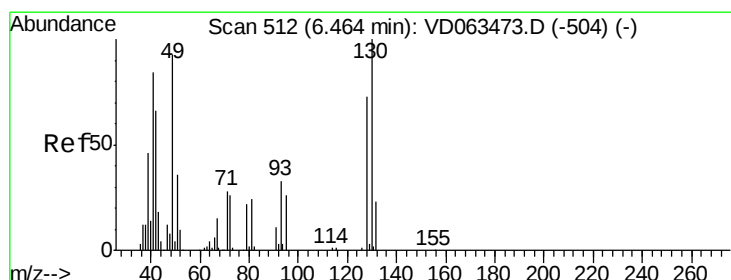
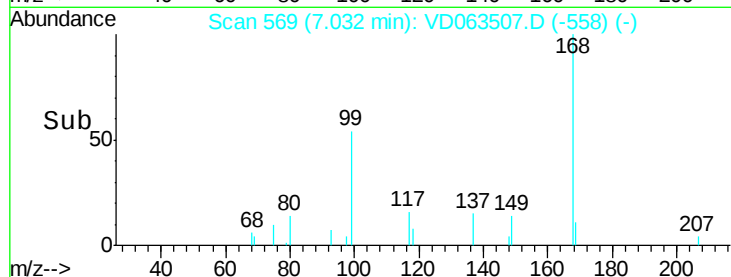
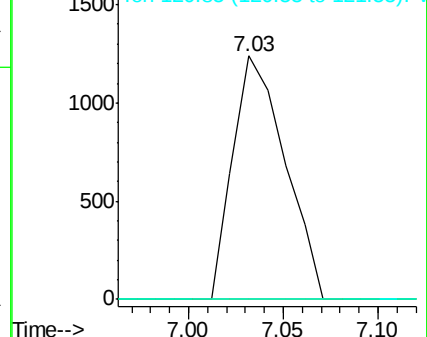
121 0.0 23.1 34.7#



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



#41

Methacrylonitrile

Concen: 4.075 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.01 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Tgt Ion: 41 Resp: 893

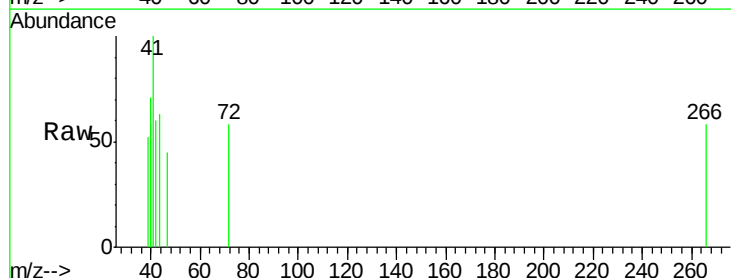
Ion Ratio Lower Upper

41 100

39 52.1 44.6 66.8

67 0.0 14.4 21.6#

52 0.0 9.3 13.9#

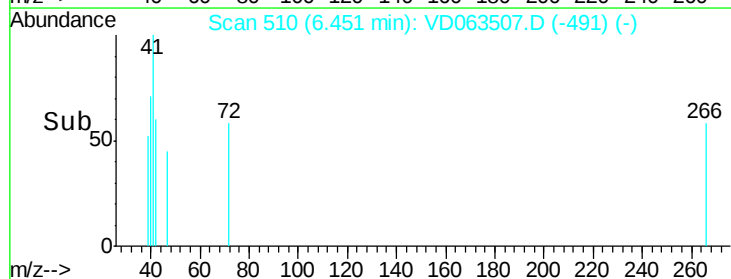
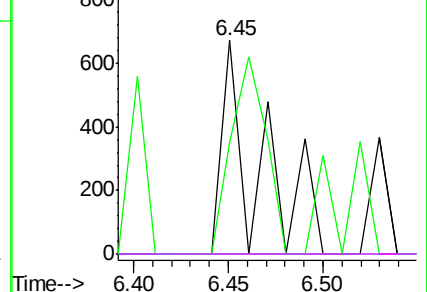


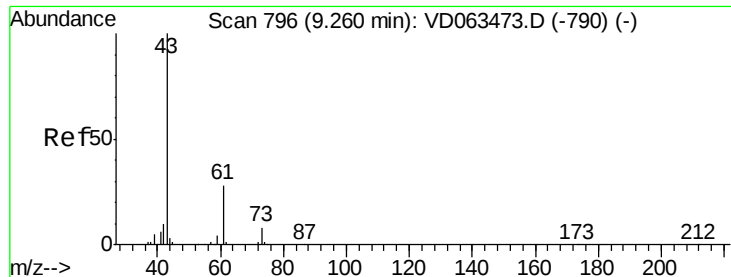
Abundance Ion 40.95 (40.65 to 41.65): V

Ion 38.95 (38.65 to 39.65): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.390 ug/l

RT: 9.28 min Scan# 797

Delta R.T. 0.02 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

SP-6RE

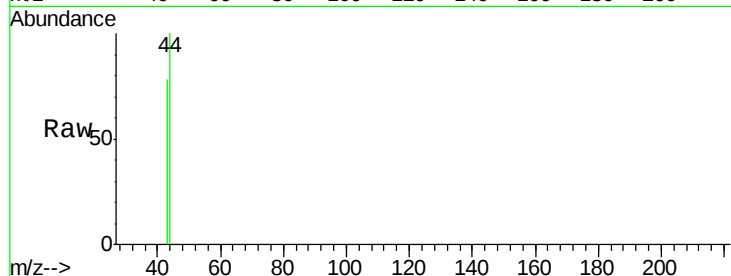
Tot Ion: 43 Resp: 324

Ion Ratio Lower Upper

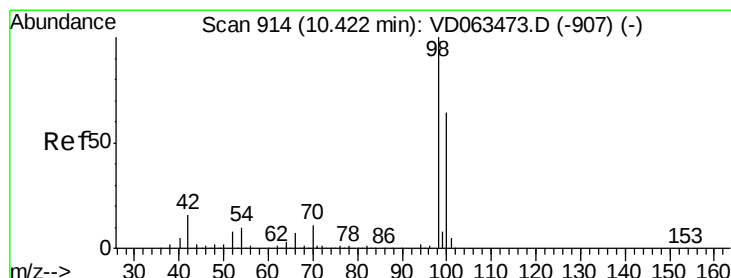
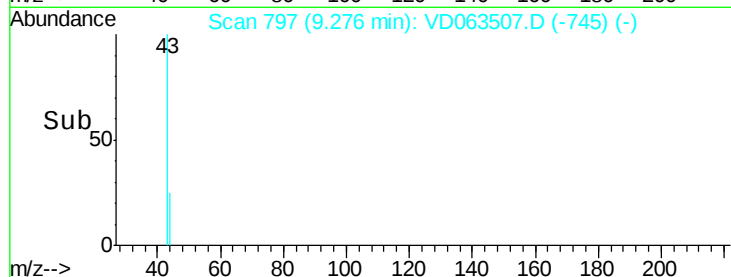
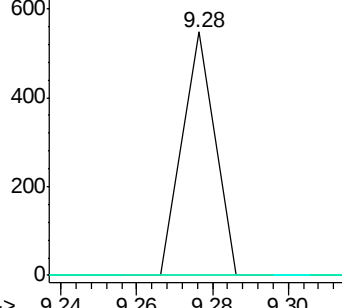
43 100

61 0.0 22.2 33.2#

87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: 31.572 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063507.D

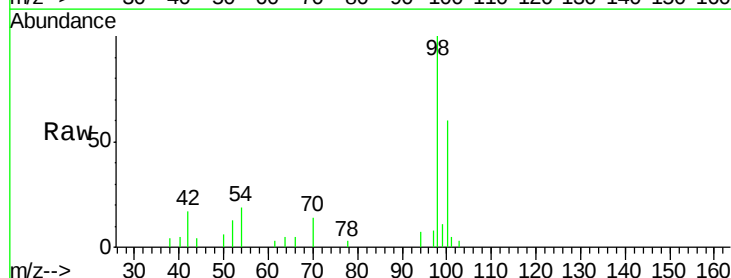
Acq: 13 Aug 2019 1:57

Tgt Ion: 98 Resp: 27468

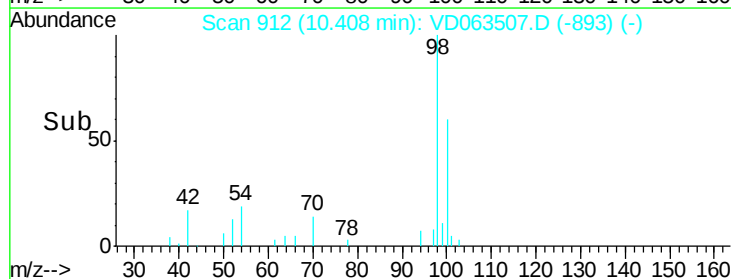
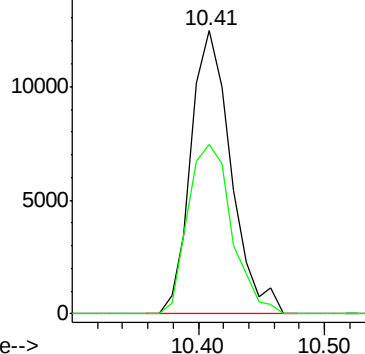
Ion Ratio Lower Upper

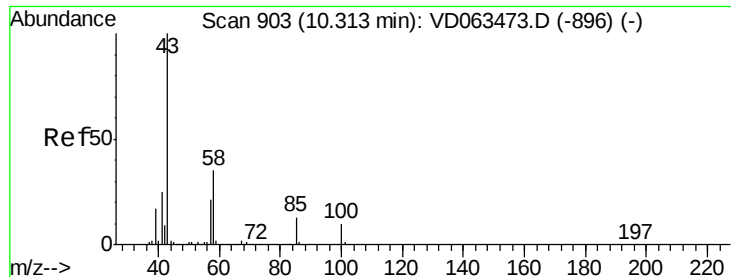
98 100

100 60.0 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 4.257 ug/l

RT: 10.31 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampled :

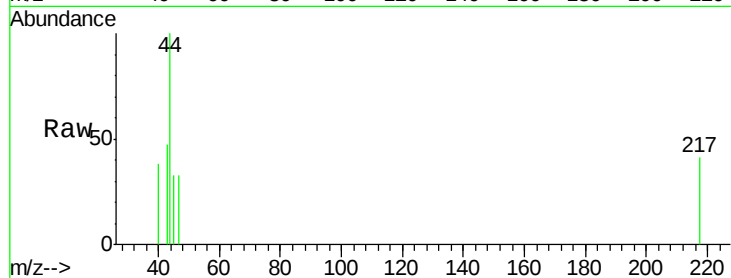
SP-6RE

Tot Ion: 43 Resp: 679

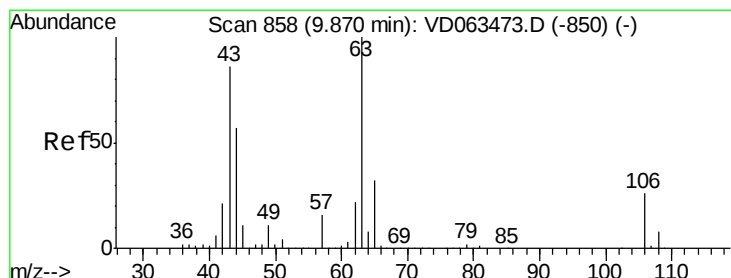
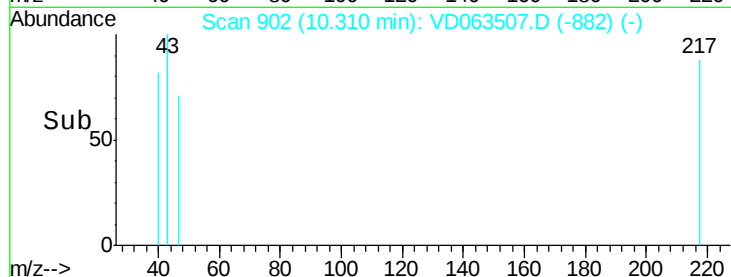
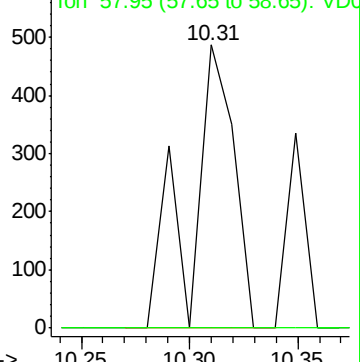
Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 1.676 ug/l

RT: 9.71 min Scan# 841

Delta R.T. -0.16 min

Lab File: VD063507.D

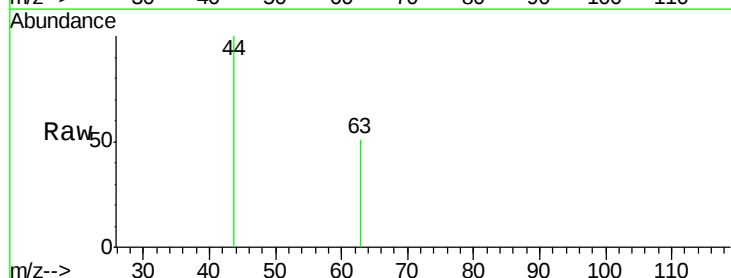
Acq: 13 Aug 2019 1:57

Tgt Ion: 63 Resp: 191

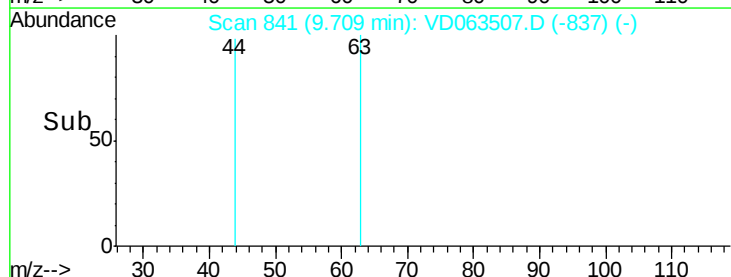
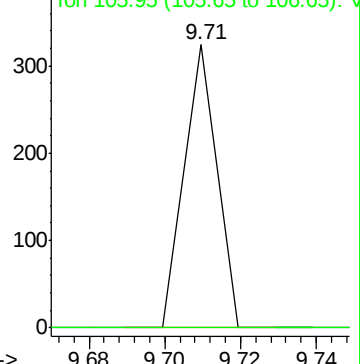
Ion Ratio Lower Upper

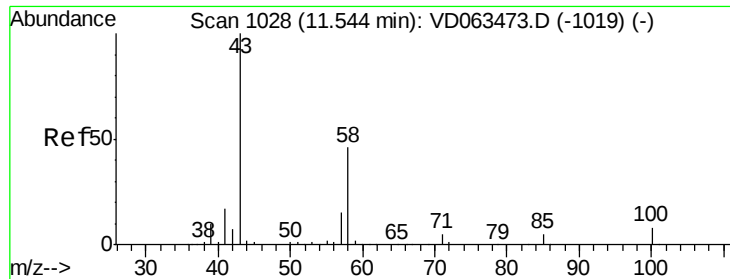
63 100

106 0.0 20.8 31.2#



Abundance Ion 62.95 (62.65 to 63.65): VDC

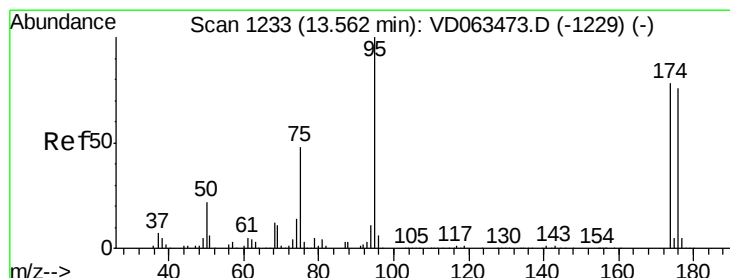
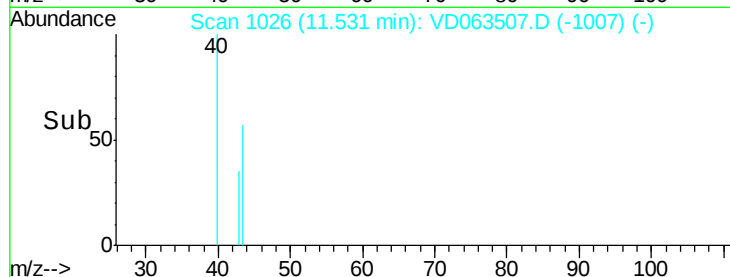
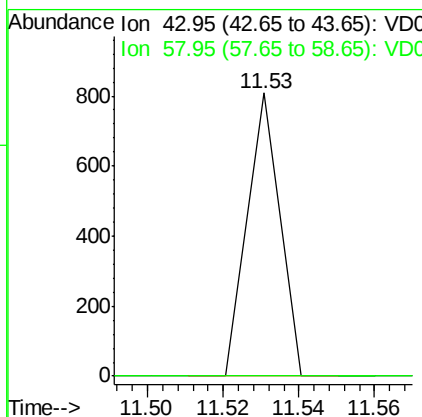
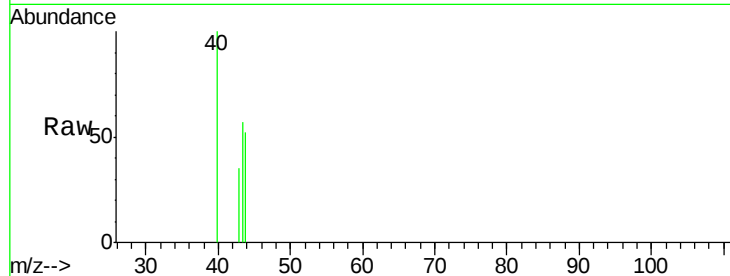




#59
2-Hexanone
Concen: 4.110 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.01 min
Lab File: VD063507.D
Acq: 13 Aug 2019 1:57

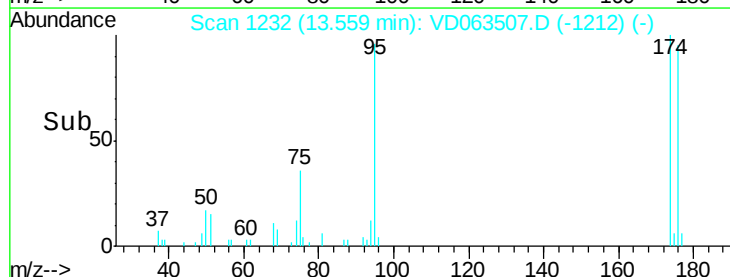
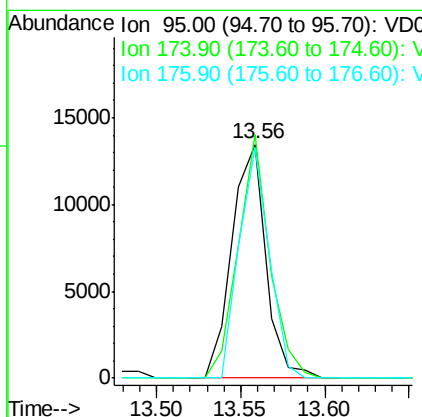
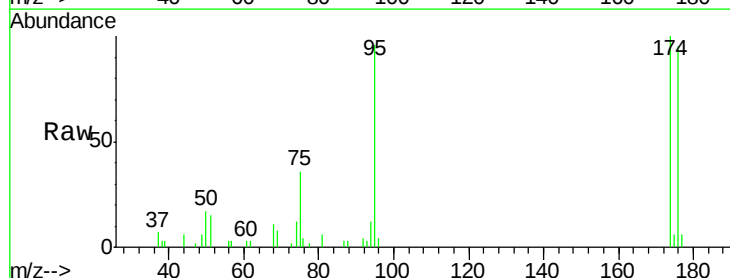
Instrument :
MSVOA_D
ClientSampleId :
SP-6RE

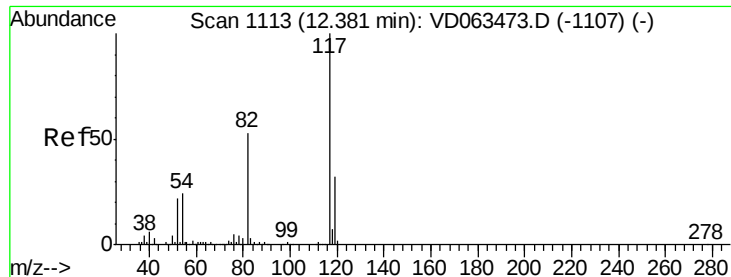
Tot Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 0.0 23.1 69.2#



#62
4-Bromofluorobenzene
Concen: 47.798 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063507.D
Acq: 13 Aug 2019 1:57

Tgt Ion: 95 Resp: 18848
Ion Ratio Lower Upper
95 100
174 104.3 0.0 155.4
176 99.1 0.0 152.4

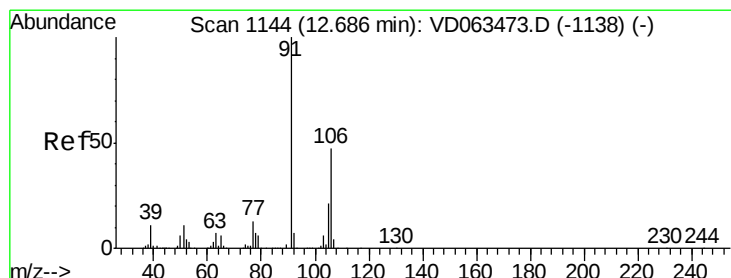
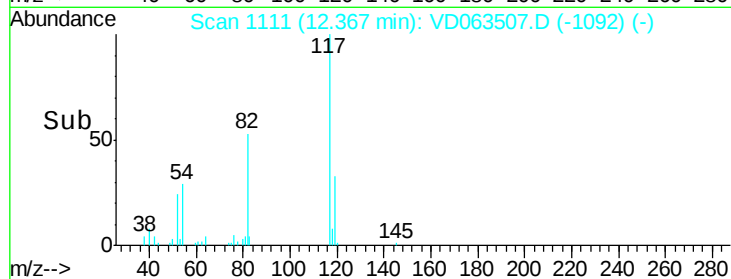
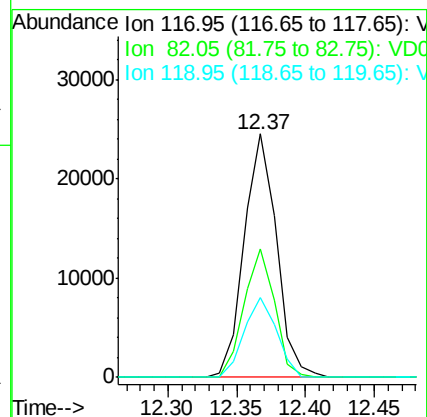
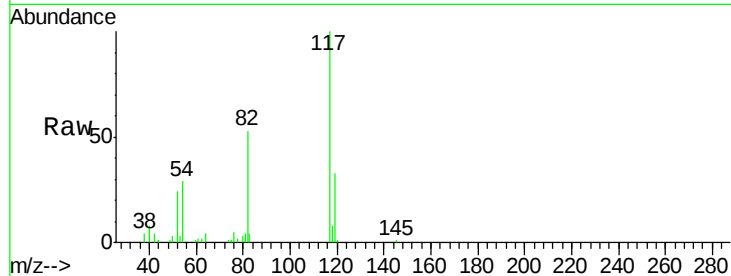




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063507.D
Acq: 13 Aug 2019 1:57

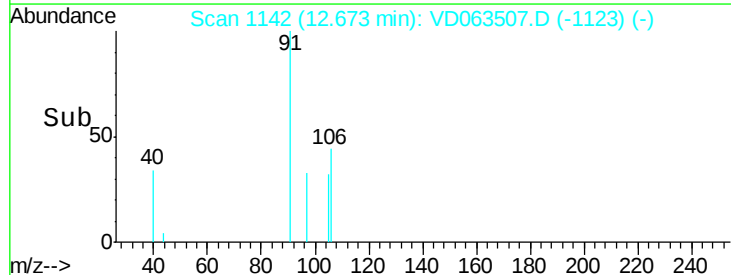
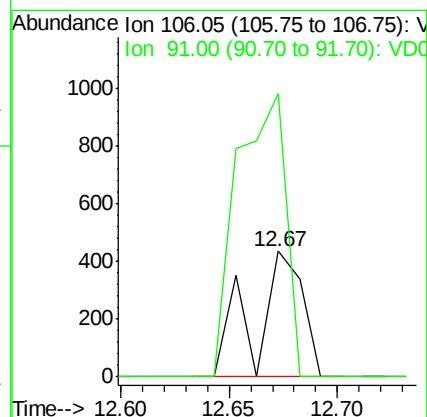
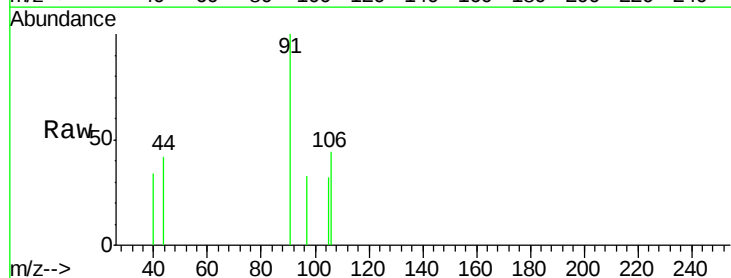
Instrument :
MSVOA_D
ClientSampleId :
SP-6RE

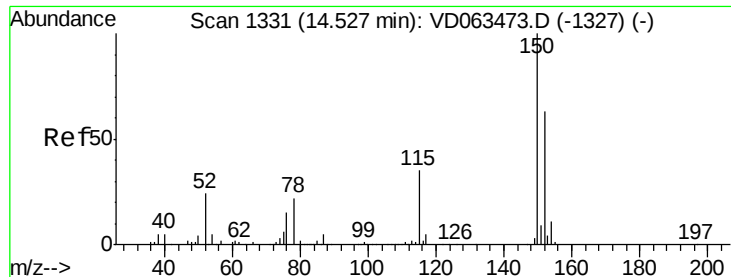
Tot Ion:117 Resp: 40247
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 32.8 25.4 38.0



#68
m/p-Xylenes
Concen: 1.445 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD063507.D
Acq: 13 Aug 2019 1:57

Tgt Ion:106 Resp: 666
Ion Ratio Lower Upper
106 100
91 225.5 171.8 257.8



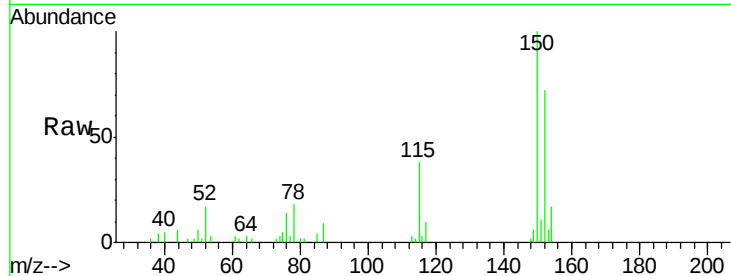


#72

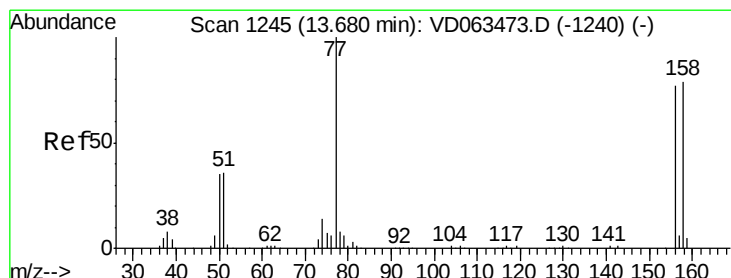
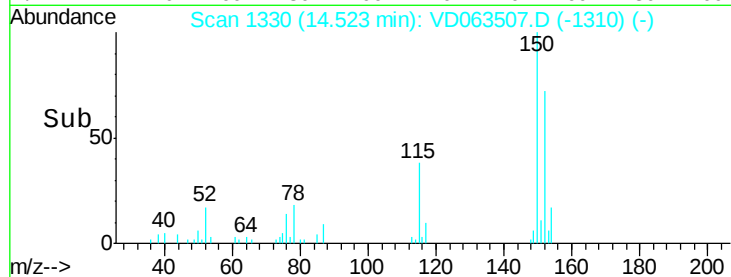
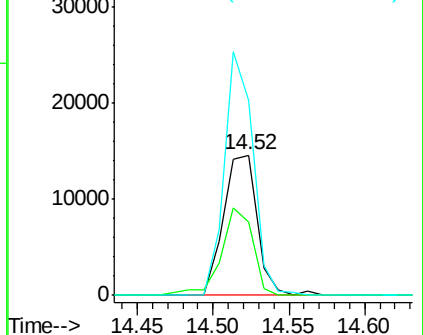
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063507.D
Acq: 13 Aug 2019 1:57

Instrument :
MSVOA_D
ClientSampleId :
SP-6RE

Tot Ion:152 Resp: 22531
Ion Ratio Lower Upper
152 100
115 52.2 30.9 92.7
150 138.8 0.0 318.6



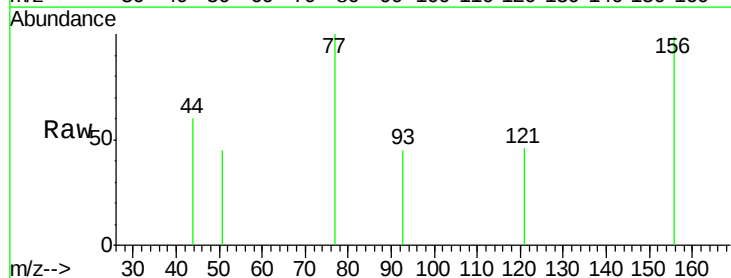
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



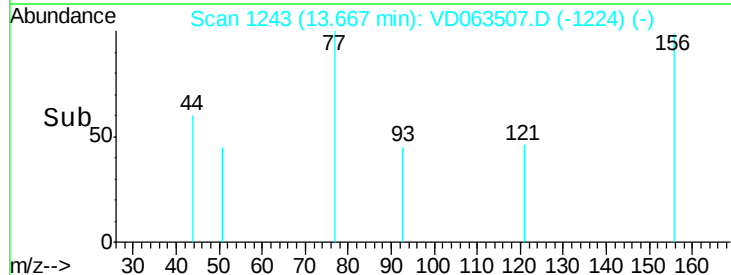
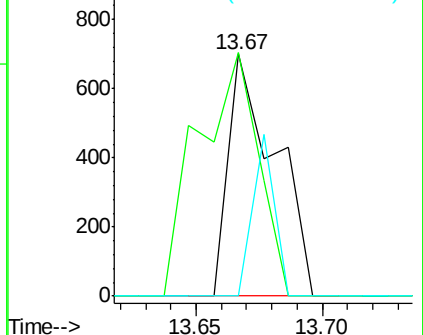
#77

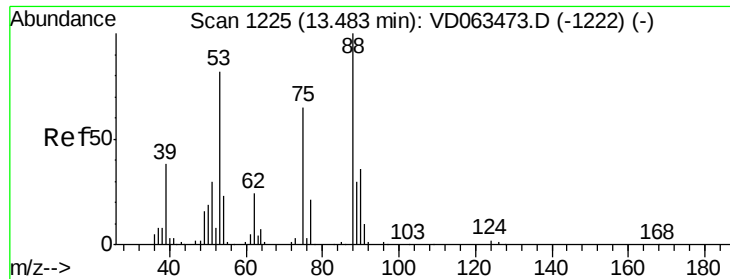
Bromobenzene
Concen: 2.306 ug/l
RT: 13.67 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VD063507.D
Acq: 13 Aug 2019 1:57

Tgt Ion:156 Resp: 903
Ion Ratio Lower Upper
156 100
77 100.6 64.6 193.8
158 0.0 50.9 152.7#



Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): V
Ion 157.85 (157.55 to 158.55): V





#81

trans-1,4-Dichloro-2-butene

Concen: 120.029 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD063507.D

Acq: 13 Aug 2019 1:57

Instrument :

MSVOA_D

ClientSampleId :

SP-6RE

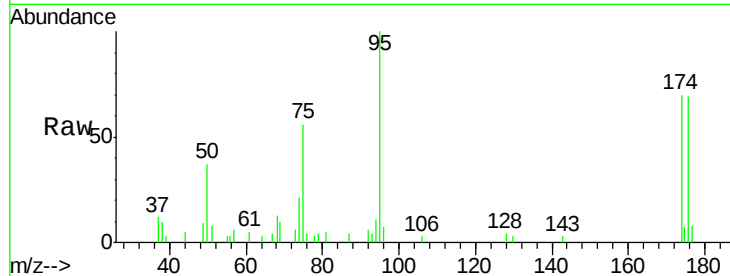
Tot Ion: 75 Resp: 8342

Ion Ratio Lower Upper

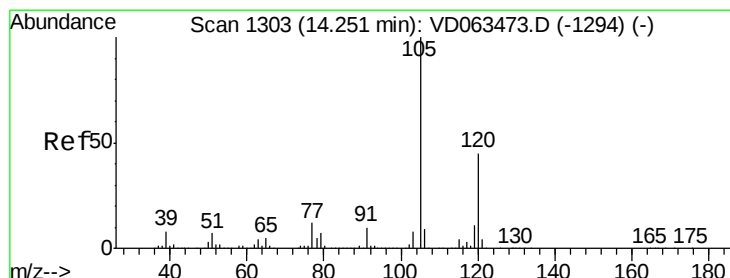
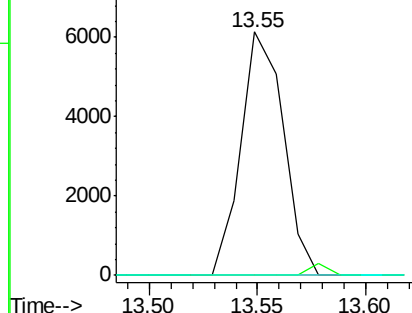
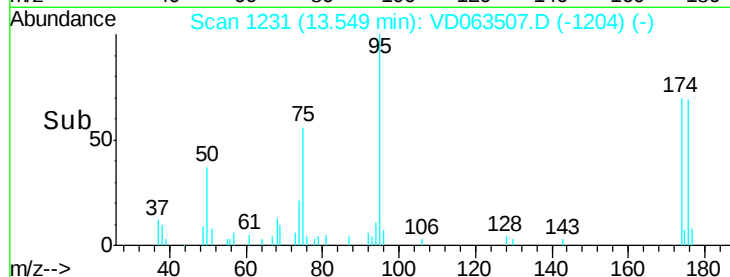
75 100

53 0.0 101.0 151.4#

89 0.0 37.0 55.6#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.573 ug/l

RT: 14.24 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VD063507.D

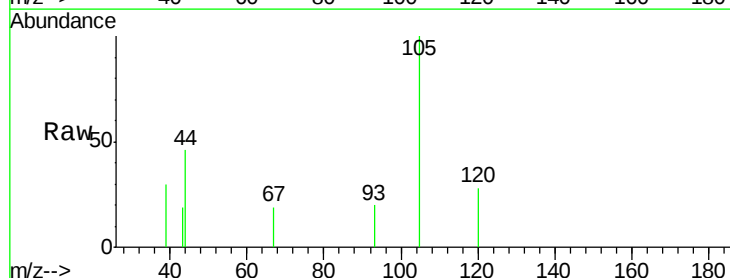
Acq: 13 Aug 2019 1:57

Tgt Ion:105 Resp: 1822

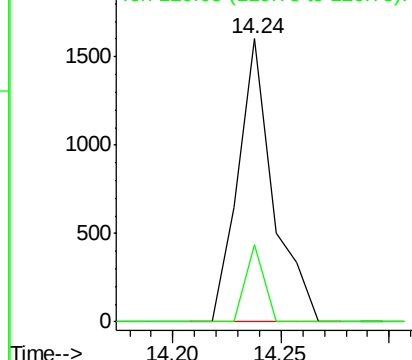
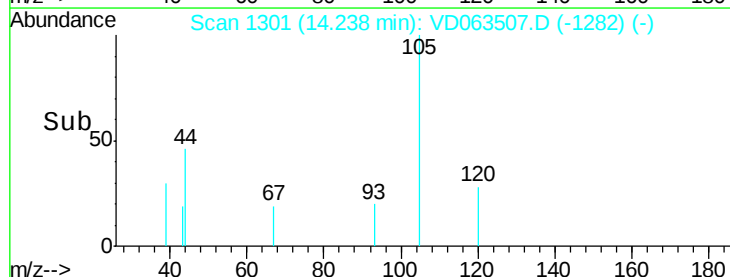
Ion Ratio Lower Upper

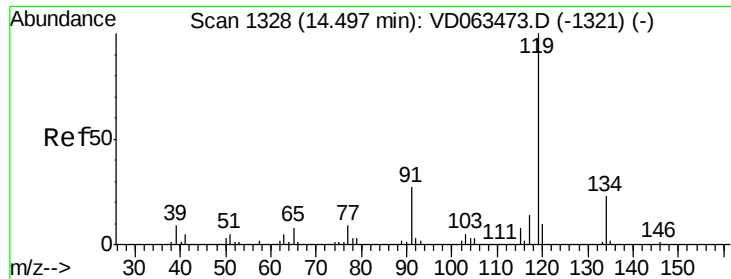
105 100

120 27.5 22.7 68.1



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

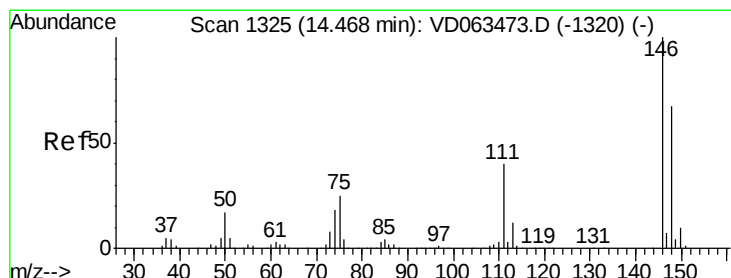
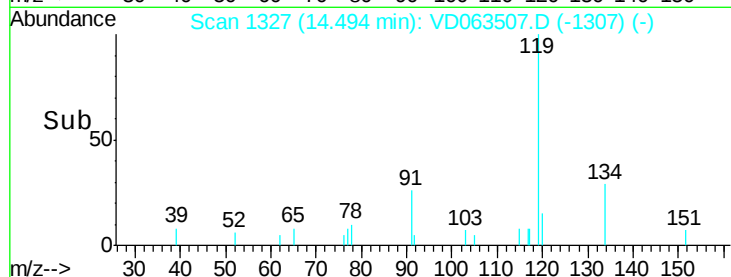
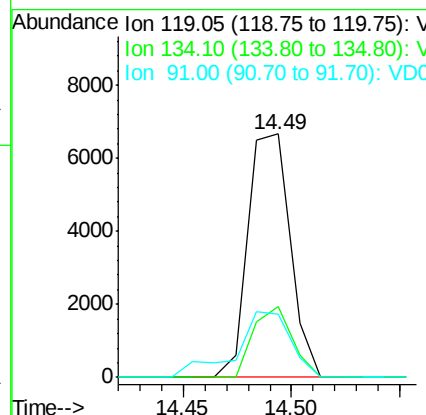
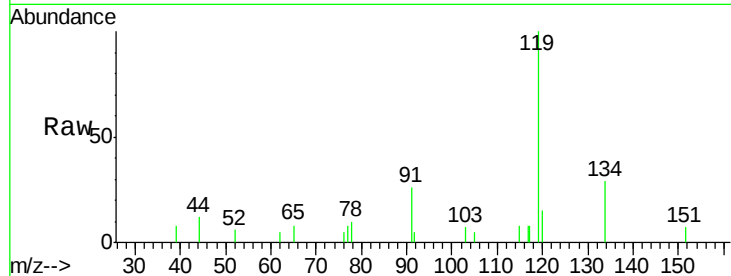




#86
 p-Isopropyltoluene
 Concen: 6.733 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VD063507.D
 Acq: 13 Aug 2019 1:57

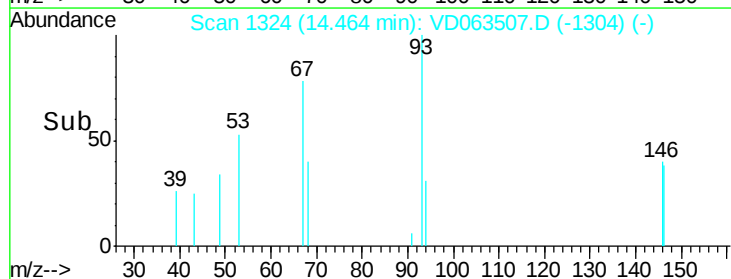
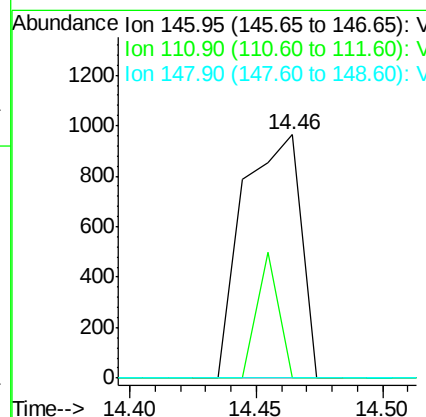
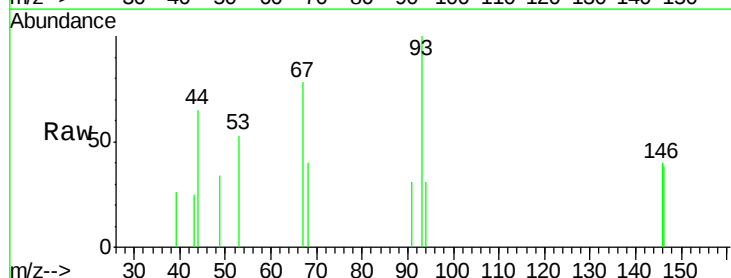
Instrument :
 MSVOA_D
 ClientSampleID :
 SP-6RE

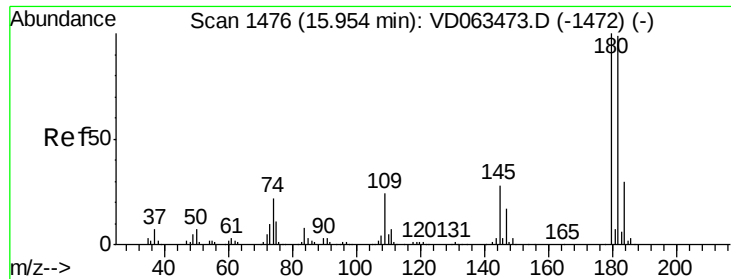
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.9	11.3	33.8
91	25.9	13.5	40.4



#87
 1,3-Dichlorobenzene
 Concen: 2.172 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD063507.D
 Acq: 13 Aug 2019 1:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.0	60.0#
148	0.0	33.6	100.6#

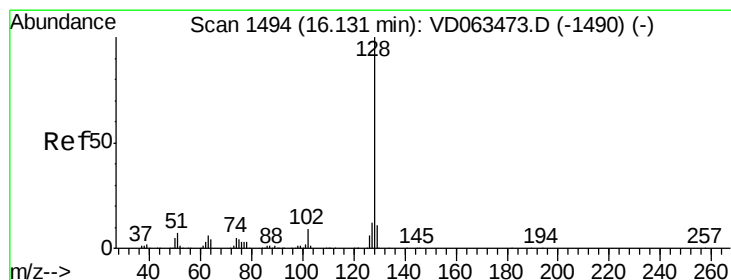
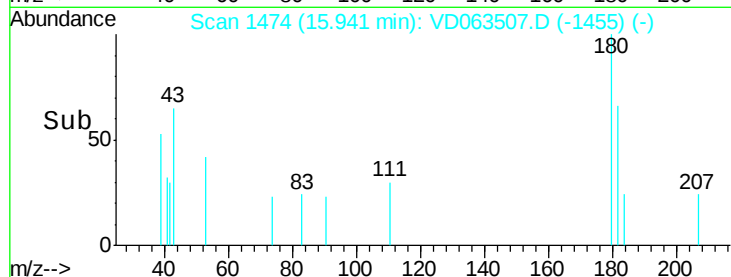
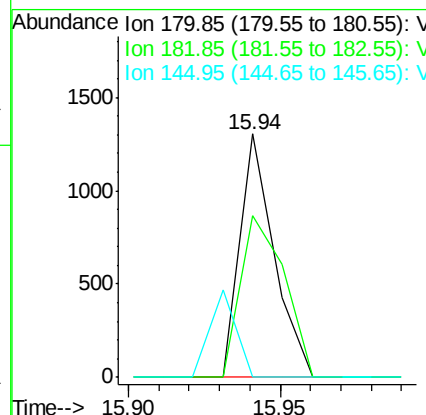
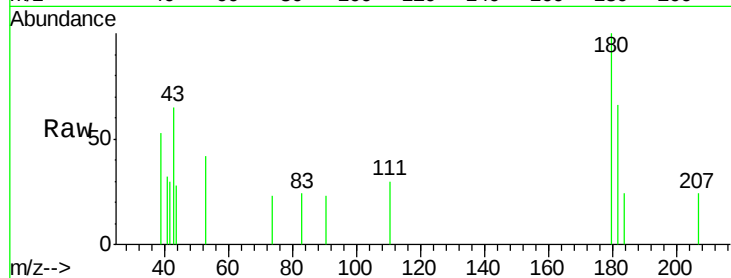




#93
 1,2,4-Trichlorobenzene
 Concen: 2.318 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD063507.D
 Acq: 13 Aug 2019 1:57

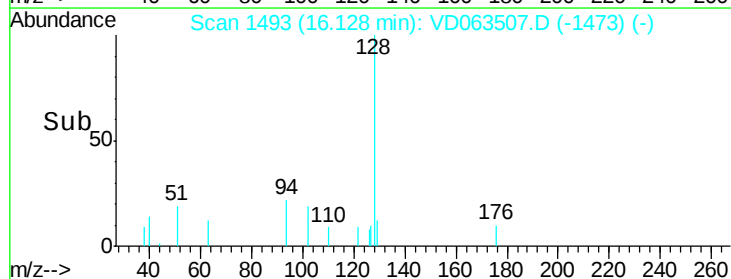
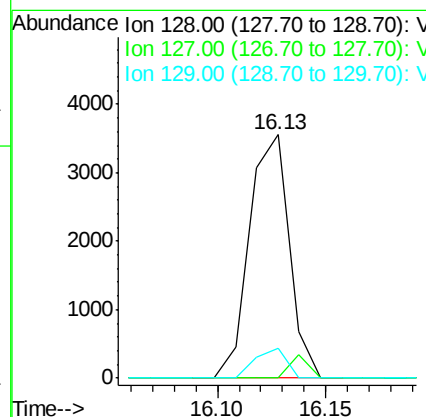
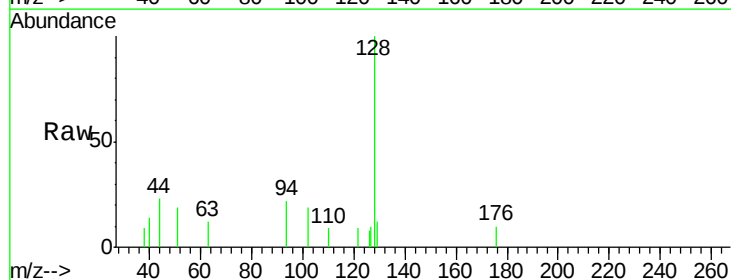
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6RE

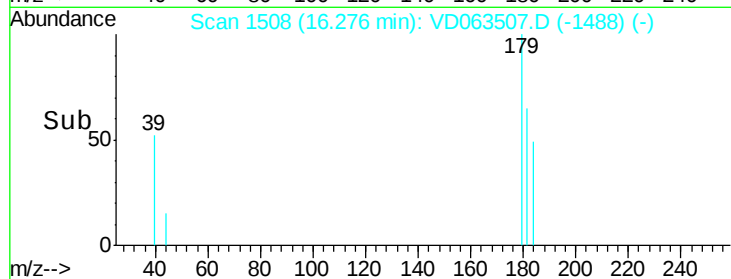
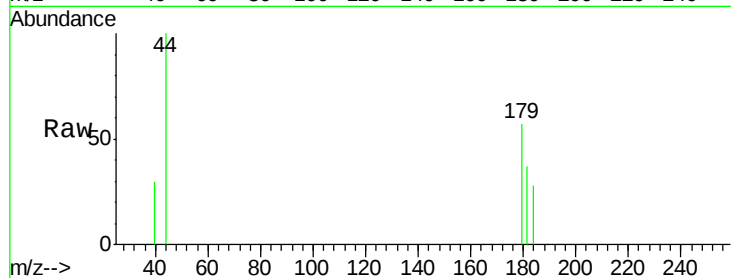
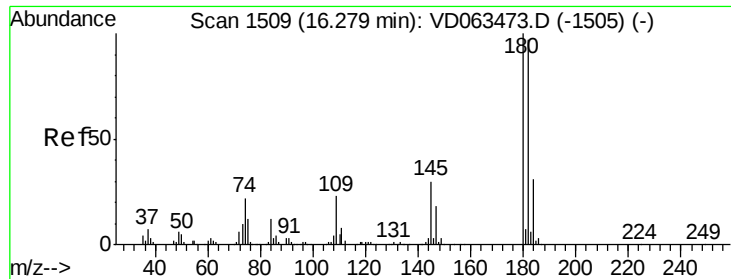
Tot Ion:180 Resp: 1025
 Ion Ratio Lower Upper
 180 100
 182 66.4 49.7 149.1
 145 0.0 14.1 42.2#



#95
 Naphthalene
 Concen: 6.843 ug/l
 RT: 16.13 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VD063507.D
 Acq: 13 Aug 2019 1:57

Tgt Ion:128 Resp: 4587
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.4 14.0#
 129 12.0 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 1.058 ug/l
 RT: 16.28 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VD063507.D
 Acq: 13 Aug 2019 1:57

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	64.8	48.4	145.2
145	0.0	14.9	44.9#

