

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063039.D
 Acq On : 8 Jul 2019 16:31
 Operator : VA/AP
 Sample : K3687-01
 Misc : 6.14g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12017-VNJ-206

Quant Time: Jul 09 05:11:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	17619	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	22791	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	18836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	10533	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	10588	55.29	ug/l	-0.02
Spiked Amount			Recovery	=	110.58%	
35) Dibromofluoromethane	6.91	113	7747	40.31	ug/l	-0.02
Spiked Amount			Recovery	=	80.62%	
50) Toluene-d8	10.41	98	20194	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	13.55	95	8794	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

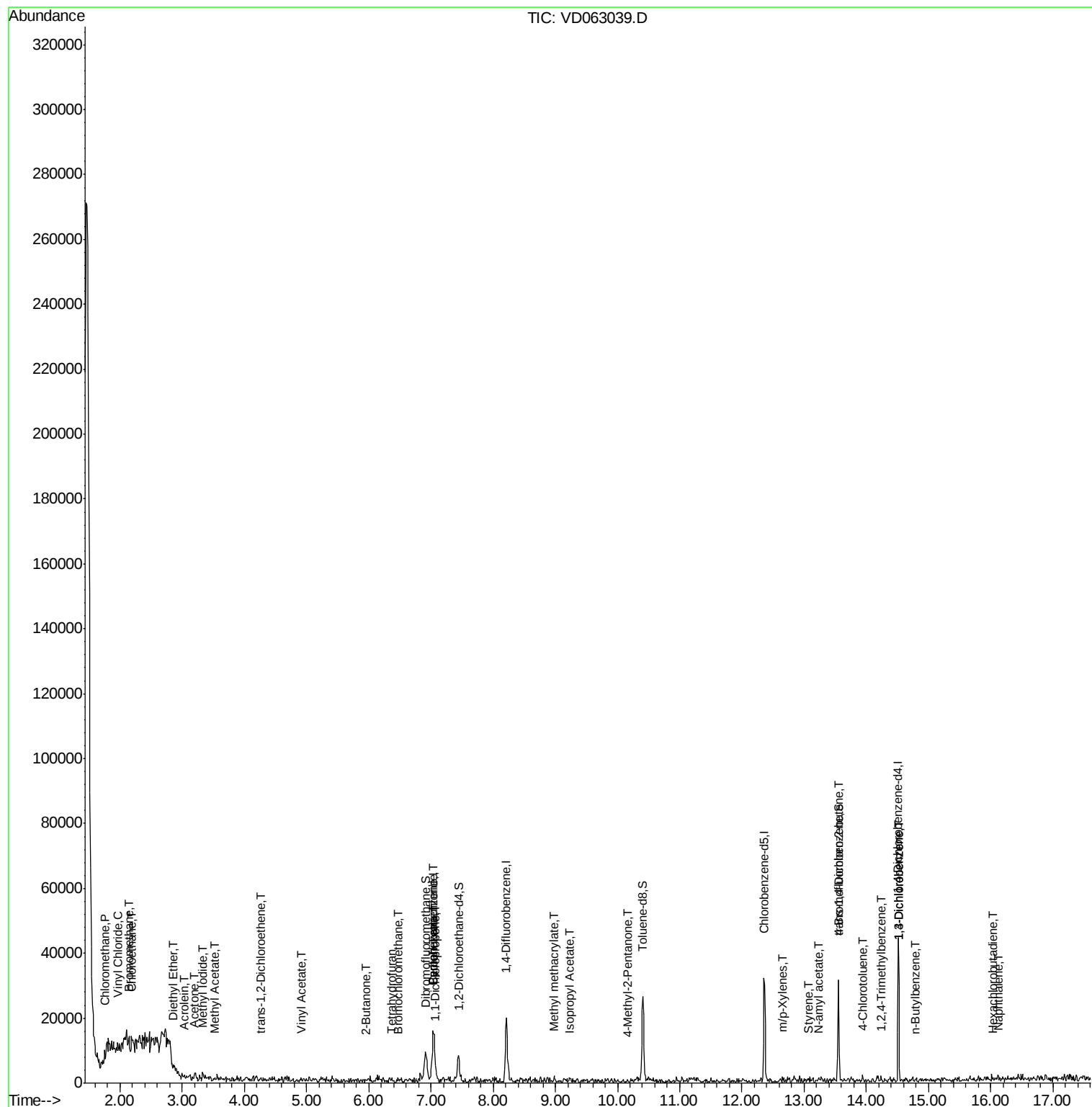
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	424	2.473	ug/l #	45
4) Vinyl Chloride	1.96	62	467	2.747	ug/l #	43
5) Bromomethane	2.14	94	3000	37.680	ug/l #	13
6) Chloroethane	2.20	64	261	3.391	ug/l #	1
8) Diethyl Ether	2.87	74	207	4.735	ug/l #	1
10) Methyl Iodide	3.33	142	1584	6.441	ug/l #	87
13) Acrolein	3.04	56	184	20.663	ug/l #	15
16) Acetone	3.21	43	2292	53.517	ug/l #	64
18) Methyl Acetate	3.52	43	181	3.131	ug/l #	58
21) trans-1,2-Dichloroethene	4.26	96	188	1.263	ug/l #	1
23) Vinyl Acetate	4.91	43	487	1.852	ug/l #	82
25) 2-Butanone	5.95	43	225	6.282	ug/l #	64
28) Bromochloromethane	6.49	49	207	2.148	ug/l #	4
29) Tetrahydrofuran	6.36	42	267	15.755	ug/l #	33
31) Cyclohexane	7.02	56	209	1.162	ug/l #	13
36) 1,1-Dichloropropene	7.08	75	426	1.975	ug/l #	46
38) Carbon Tetrachloride	7.03	117	1489	4.589	ug/l #	13
43) Isopropyl Acetate	9.23	43	178	1.574	ug/l #	48
48) Methyl methacrylate	8.99	41	203	2.526	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	402	5.013	ug/l #	41
68) m/p-Xylenes	12.65	106	246	1.125	ug/l #	1
70) Styrene	13.07	104	540	1.538	ug/l #	25
74) N-amyl acetate	13.24	43	193	1.177	ug/l #	51
81) trans-1,4-Dichloro-2-buten	13.55	75	5446	170.890	ug/l #	2
82) 4-Chlorotoluene	13.94	91	659	1.219	ug/l #	26
84) 1,2,4-Trimethylbenzene	14.24	105	830	1.428	ug/l #	33
87) 1,3-Dichlorobenzene	14.53	146	533	1.637	ug/l #	26
88) 1,4-Dichlorobenzene	14.53	146	533	1.630	ug/l #	24
89) n-Butylbenzene	14.79	91	982	1.669	ug/l #	31
94) Hexachlorobutadiene	16.04	225	289	1.738	ug/l #	20
95) Naphthalene	16.12	128	1132	3.711	ug/l #	70

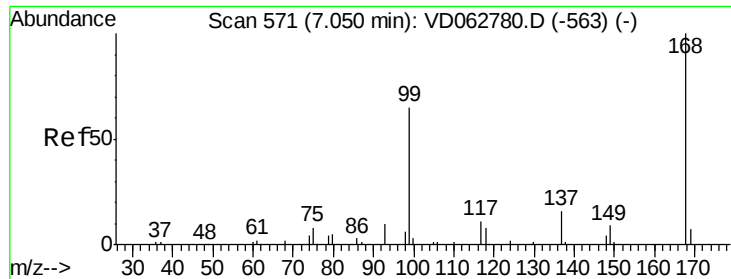
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

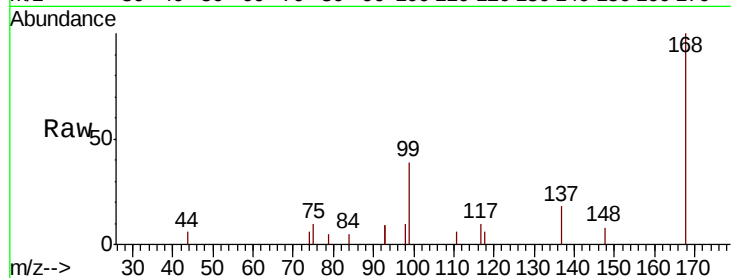
72-12017-VNJ-206

Tot Ion:168 Resp: 17619

Ion Ratio Lower Upper

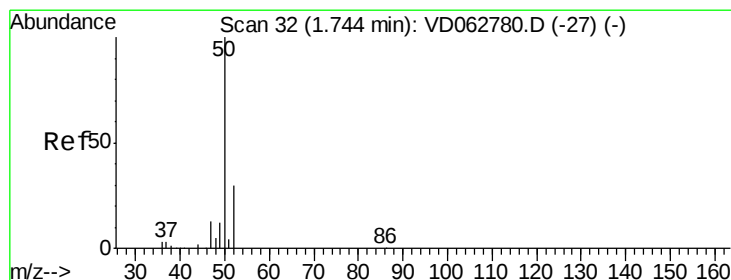
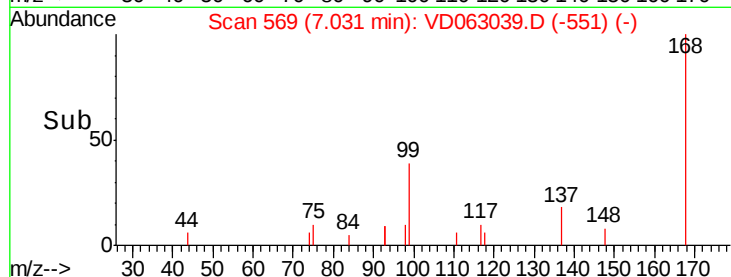
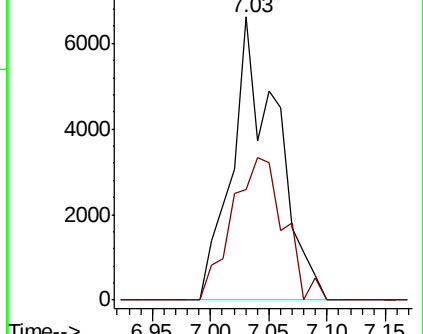
168 100

99 39.3 53.0 79.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 2.473 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD063039.D

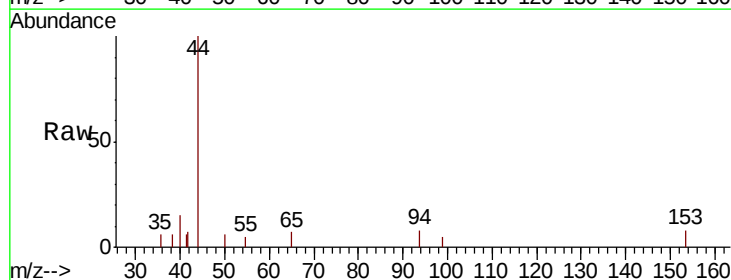
Acq: 8 Jul 2019 16:31

Tgt Ion: 50 Resp: 424

Ion Ratio Lower Upper

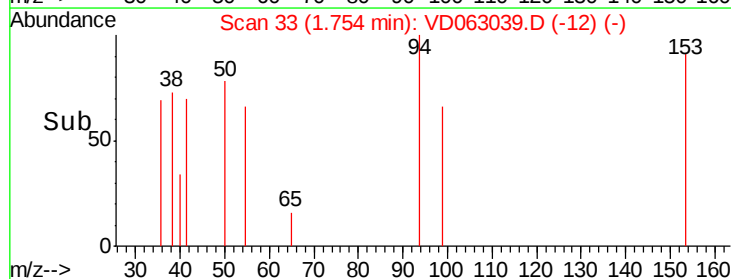
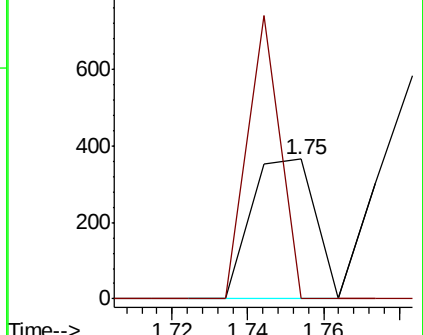
50 100

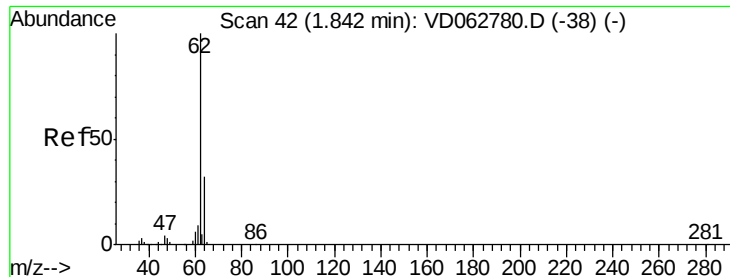
52 0.0 23.6 35.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 2.747 ug/l

RT: 1.96 min Scan# 54

Delta R.T. 0.12 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

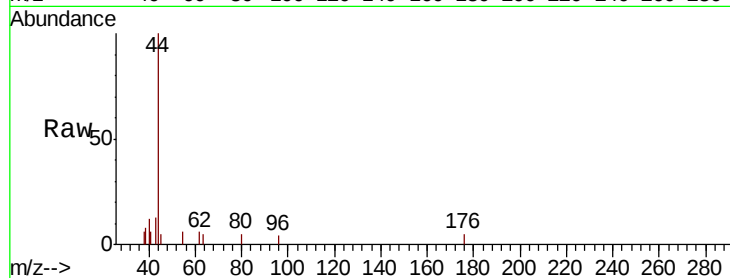
72-12017-VNJ-206

Tot Ion: 62 Resp: 467

Ion Ratio Lower Upper

62 100

64 0.0 25.6 38.4#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.96

400

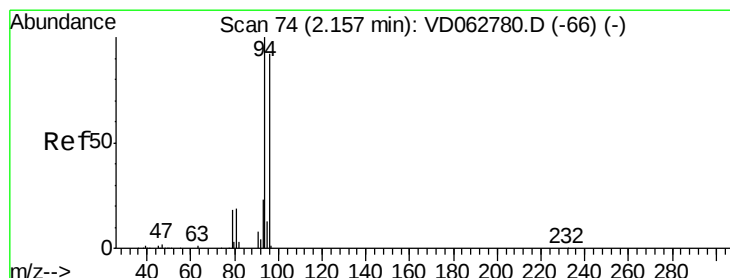
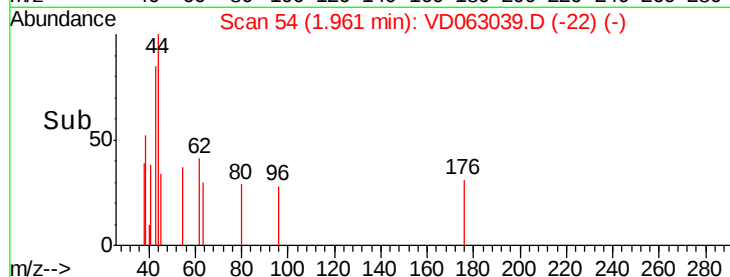
300

200

100

0

Time--> 1.92 1.94 1.96 1.98 2.00



#5

Bromomethane

Concen: 37.680 ug/l

RT: 2.14 min Scan# 72

Delta R.T. -0.02 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

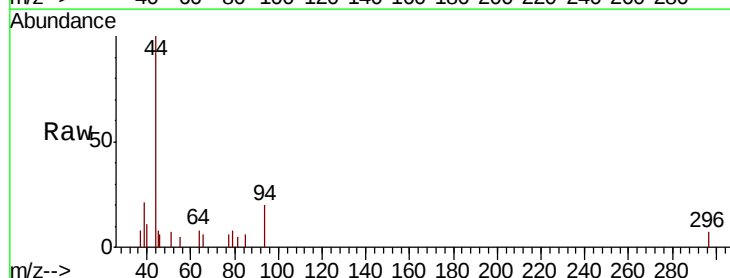
Tgt Ion: 94 Resp: 3000

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#

93 0.0 18.2 27.4#



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

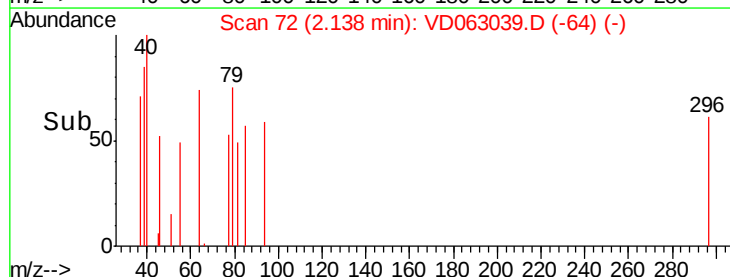
1500

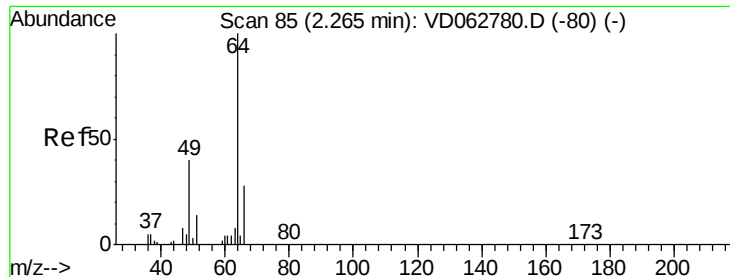
1000

500

0

Time--> 2.05 2.10 2.15





#6

Chloroethane

Concen: 3.391 ug/l

RT: 2.20 min Scan# 78

Delta R.T. -0.07 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

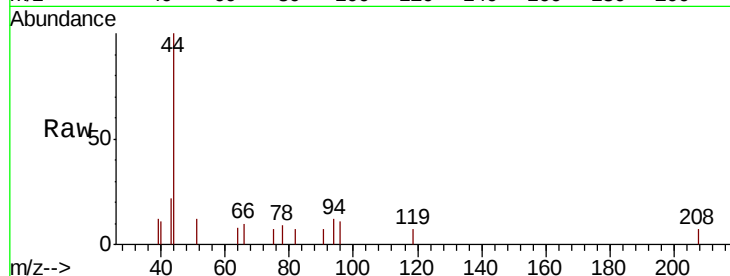
72-12017-VNJ-206

Tot Ion: 64 Resp: 261

Ion Ratio Lower Upper

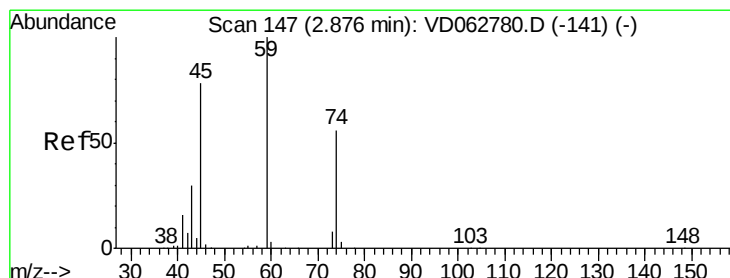
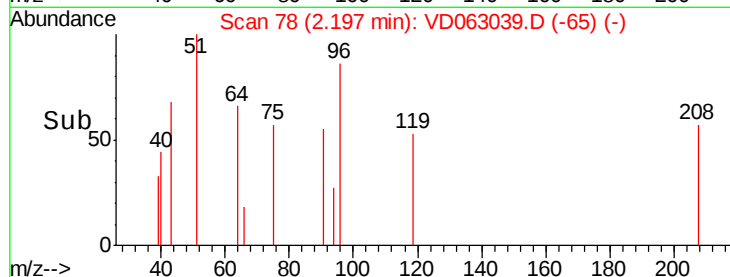
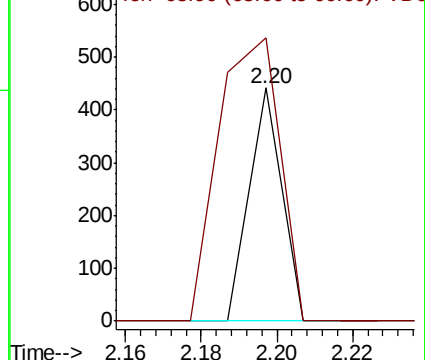
64 100

66 121.5 23.0 34.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#8

Diethyl Ether

Concen: 4.735 ug/l

RT: 2.87 min Scan# 146

Delta R.T. -0.01 min

Lab File: VD063039.D

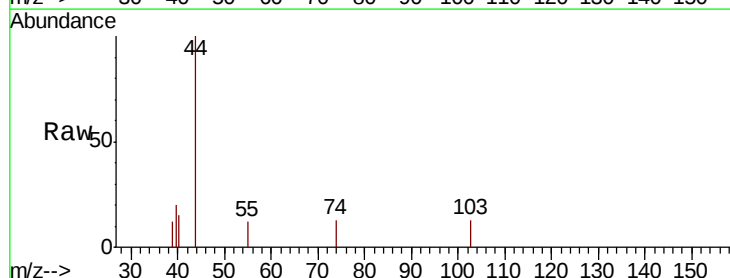
Acq: 8 Jul 2019 16:31

Tgt Ion: 74 Resp: 207

Ion Ratio Lower Upper

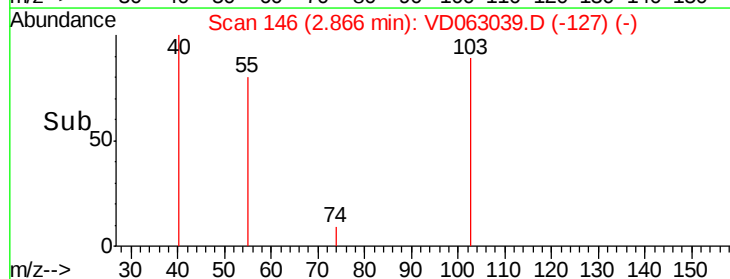
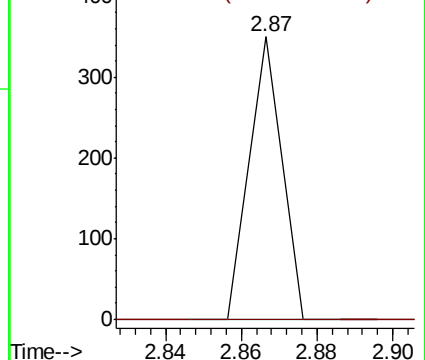
74 100

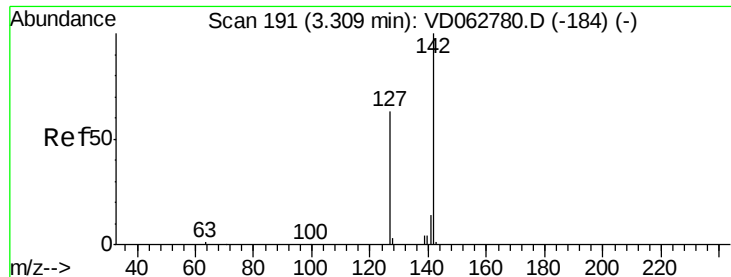
45 0.0 70.2 210.6#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

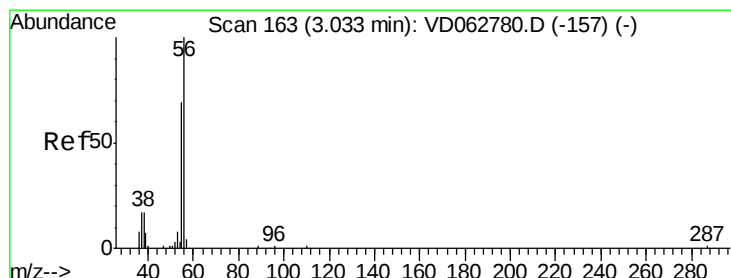
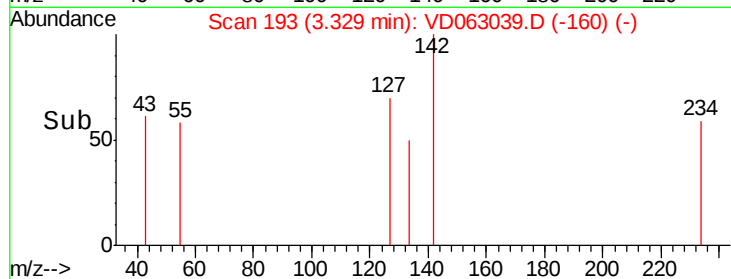
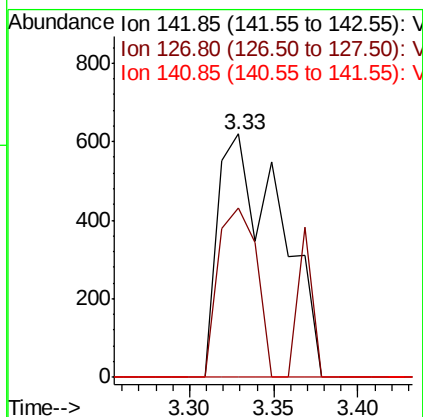
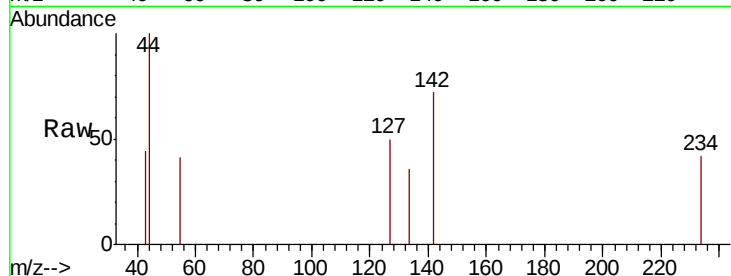




#10
Methvl Iodide
Concen: 6.441 ug/l
RT: 3.33 min Scan# 193
Delta R.T. 0.02 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

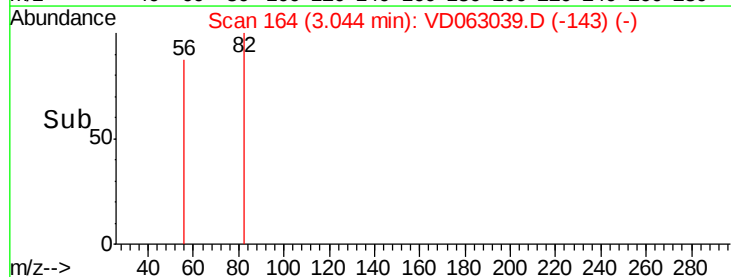
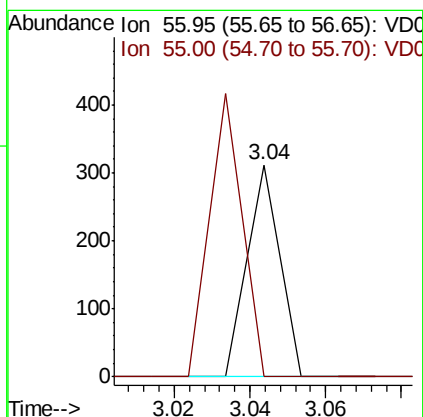
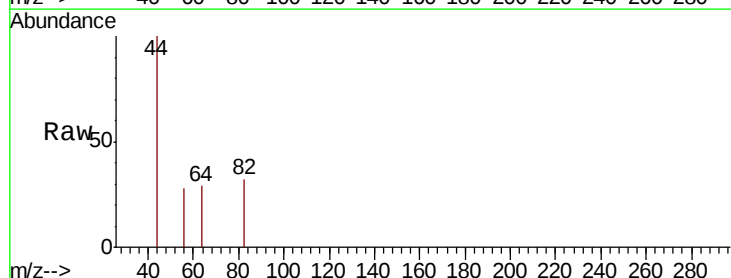
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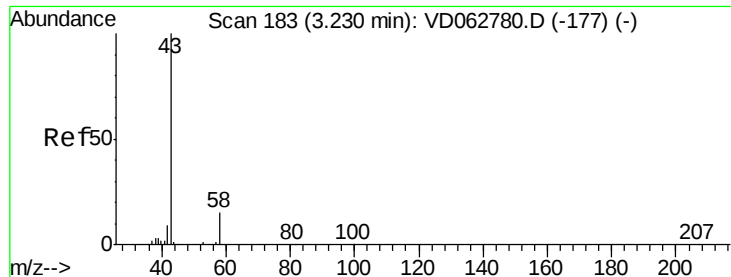
Tot Ion:142 Resp: 1584
Ion Ratio Lower Upper
142 100
127 69.5 50.1 75.1
141 0.0 11.0 16.4#



#13
Acrolein
Concen: 20.663 ug/l
RT: 3.04 min Scan# 164
Delta R.T. 0.01 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.0#

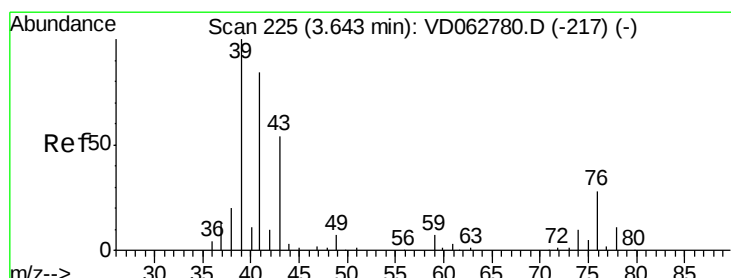
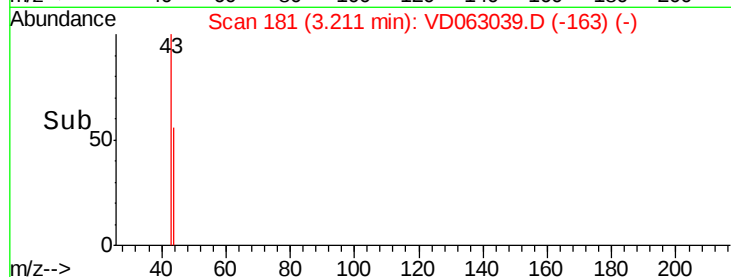
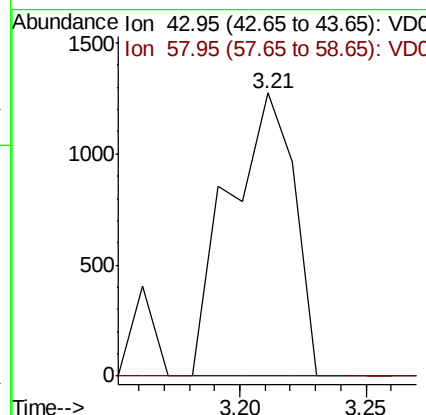
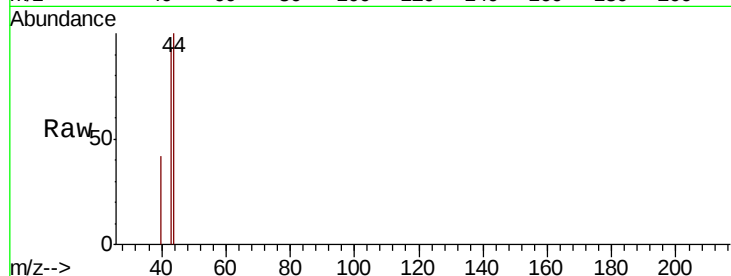




#16
Acetone
Concen: 53.517 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

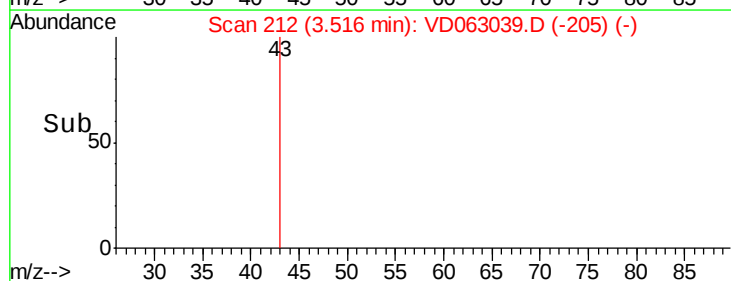
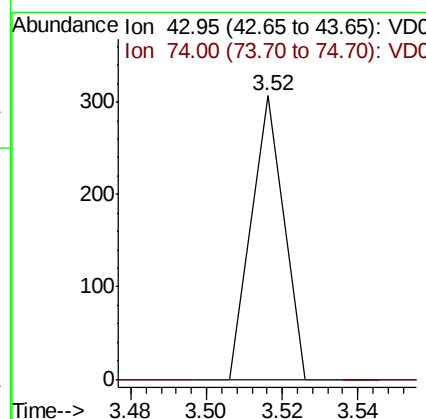
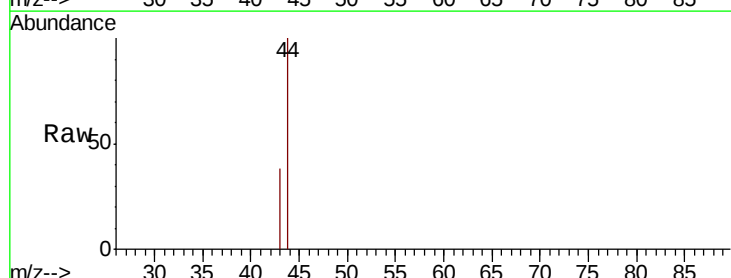
Instrument :
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72-12017-VNJ-206

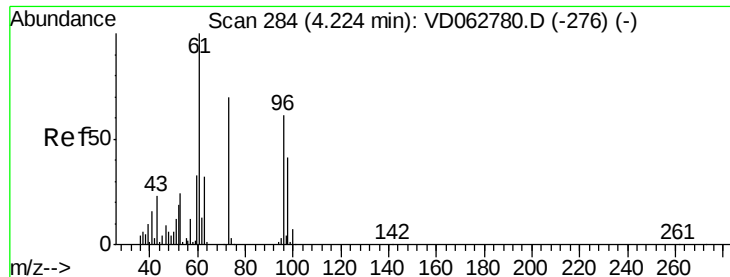
Tot Ion: 43 Resp: 2292
Ion Ratio Lower Upper
43 100
58 0.0 11.9 17.9#



#18
Methyl Acetate
Concen: 3.131 ug/l
RT: 3.52 min Scan# 212
Delta R.T. -0.13 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
74 0.0 15.2 22.8#





#21

trans-1,2-Dichloroethene

Concen: 1.263 ug/l

RT: 4.26 min Scan# 288

Delta R.T. 0.04 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

72-12017-VNJ-206

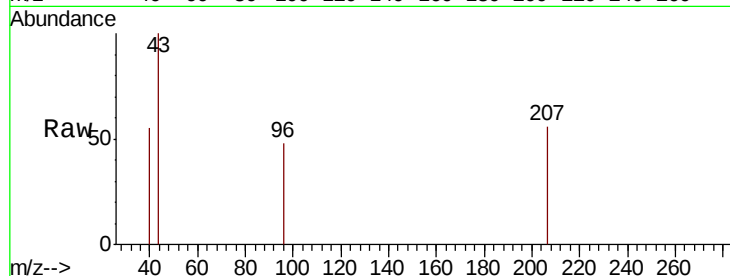
Tot Ion: 96 Resp: 188

Ion Ratio Lower Upper

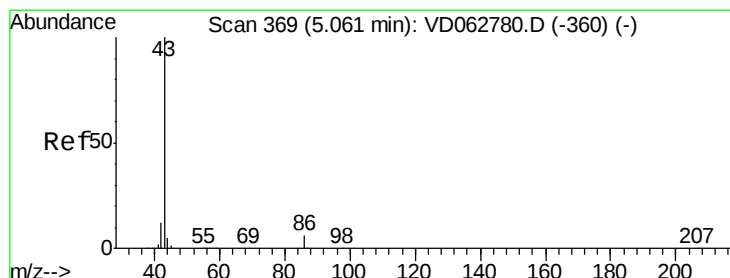
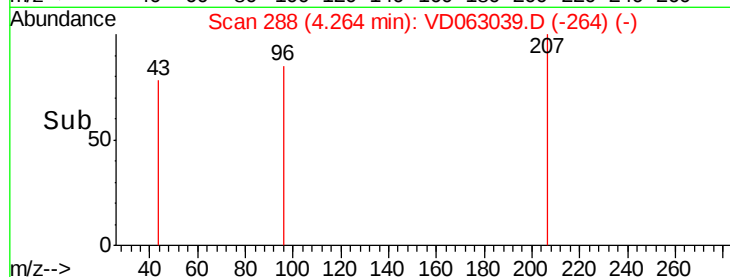
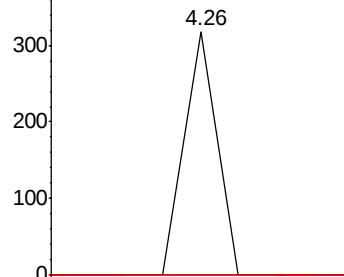
96 100

61 0.0 131.0 196.4#

98 0.0 53.2 79.8#



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#23

Vinyl Acetate

Concen: 1.852 ug/l

RT: 4.91 min Scan# 354

Delta R.T. -0.15 min

Lab File: VD063039.D

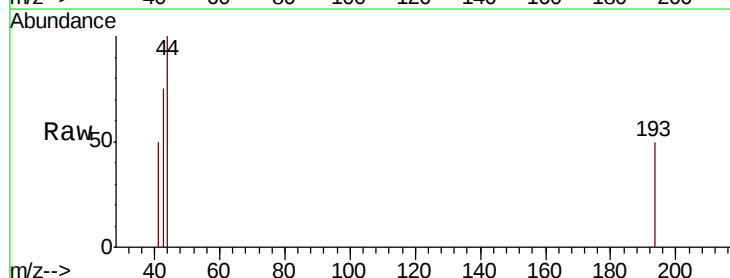
Acq: 8 Jul 2019 16:31

Tgt Ion: 43 Resp: 487

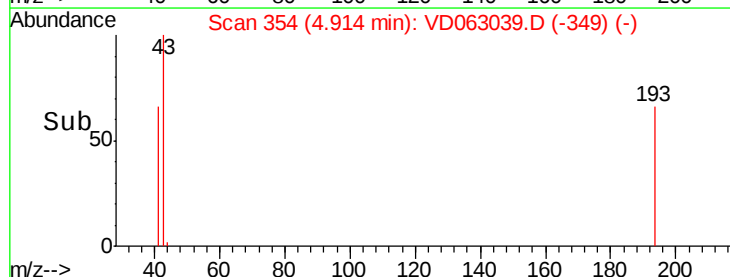
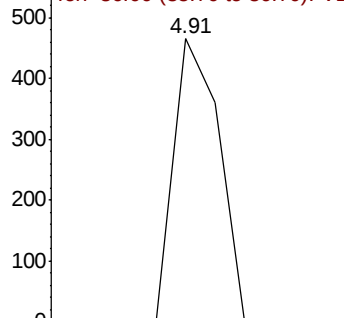
Ion Ratio Lower Upper

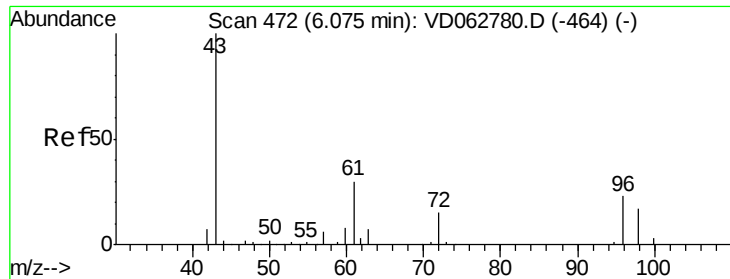
43 100

86 0.0 4.7 7.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 86.00 (85.70 to 86.70): VDC





#25

2-Butanone

Concen: 6.282 ug/l

RT: 5.95 min Scan# 459

Delta R.T. -0.13 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

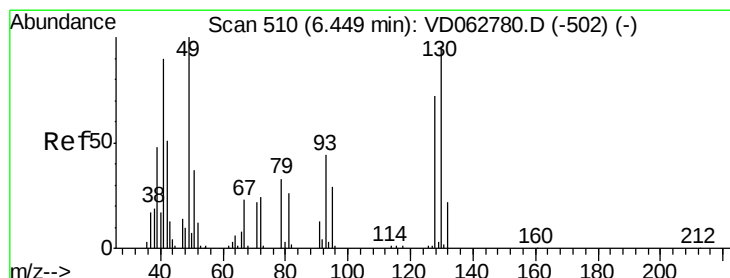
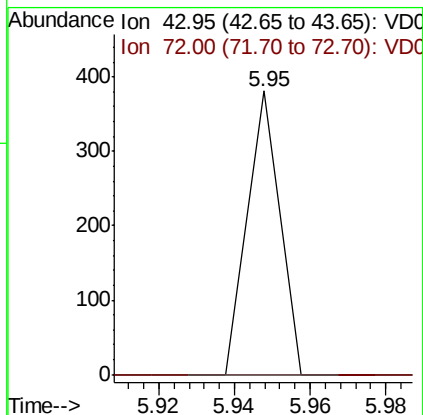
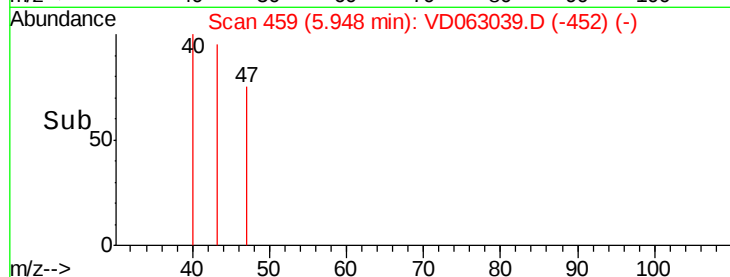
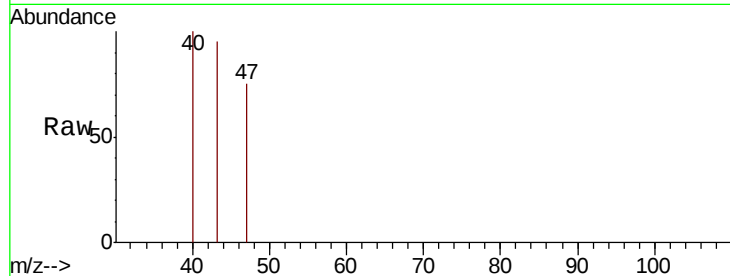
72-12017-VNJ-206

Tot Ion: 43 Resp: 225

Ion Ratio Lower Upper

43 100

72 0.0 11.9 17.9#



#28

Bromochloromethane

Concen: 2.148 ug/l

RT: 6.49 min Scan# 514

Delta R.T. 0.04 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

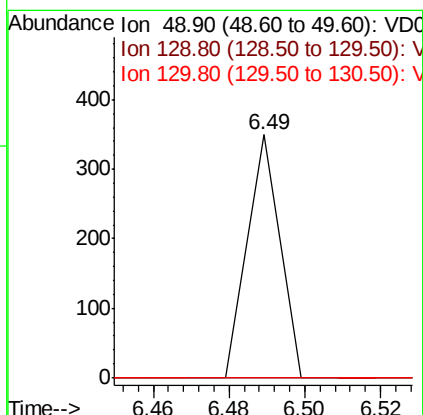
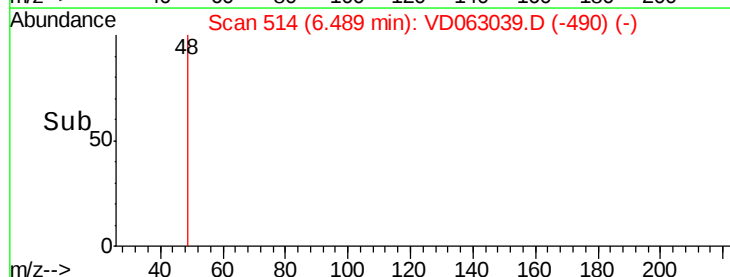
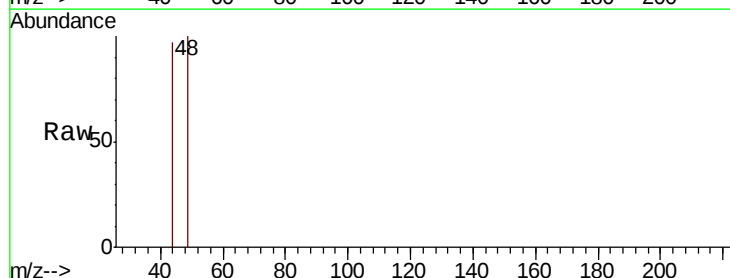
Tgt Ion: 49 Resp: 207

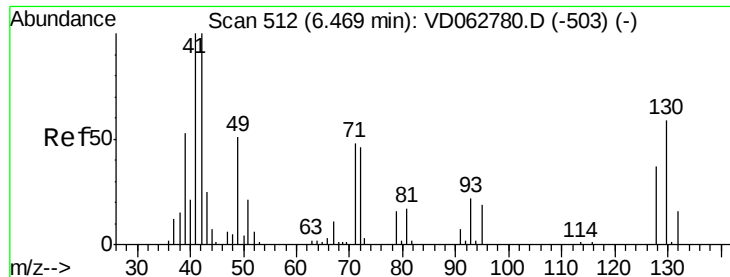
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.6

130 0.0 76.6 114.8#





#29

Tetrahydrofuran

Concen: 15.755 ug/l

RT: 6.36 min Scan# 501

Delta R.T. -0.11 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

72-12017-VNJ-206

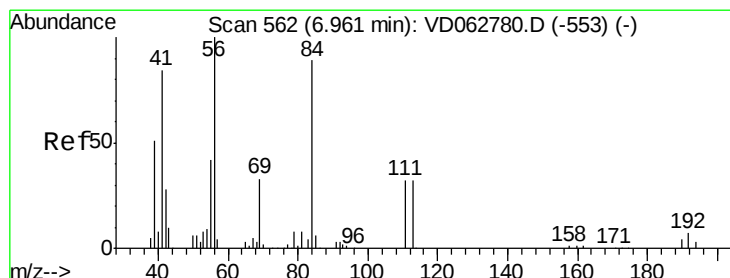
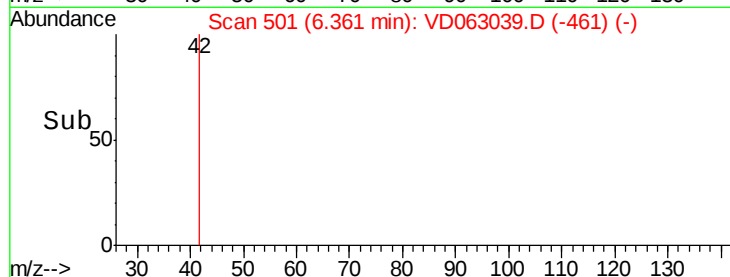
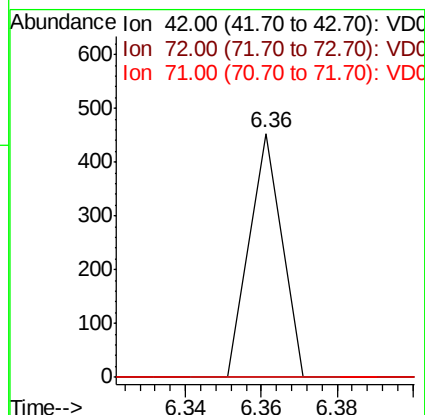
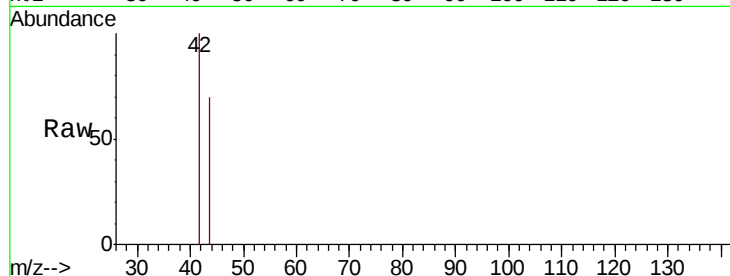
Tot Ion: 42 Resp: 267

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.6#

71 0.0 33.3 49.9#



#31

Cyclohexane

Concen: 1.162 ug/l

RT: 7.02 min Scan# 568

Delta R.T. 0.06 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

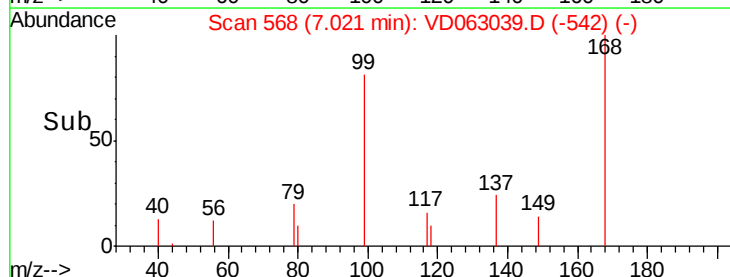
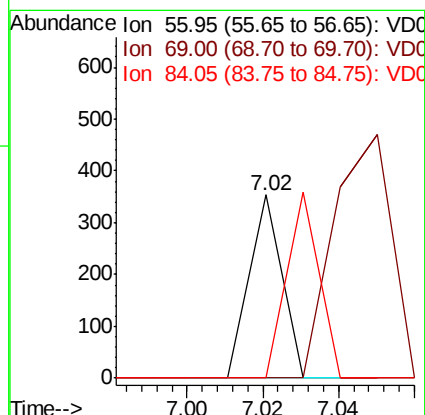
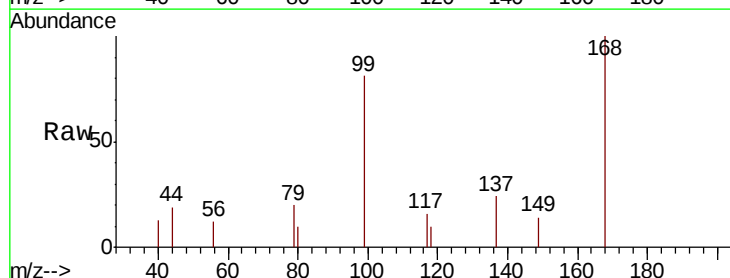
Tgt Ion: 56 Resp: 209

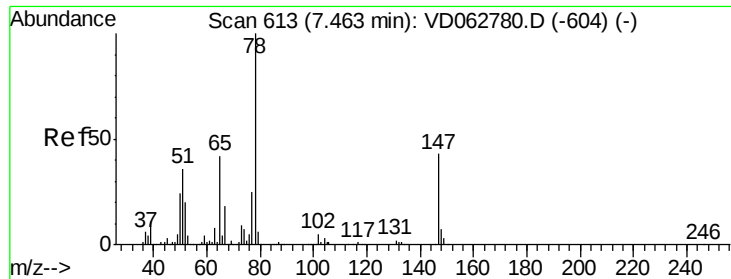
Ion Ratio Lower Upper

56 100

69 0.0 26.6 39.8#

84 0.0 75.5 113.3#





#33

1,2-Dichloroethane-d4

Concen: 55.285 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

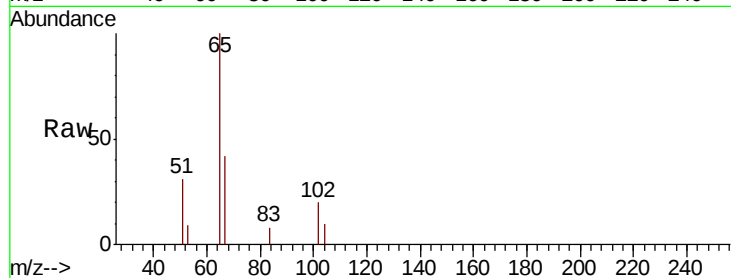
72-12017-VNJ-206

Tot Ion: 65 Resp: 10588

Ion Ratio Lower Upper

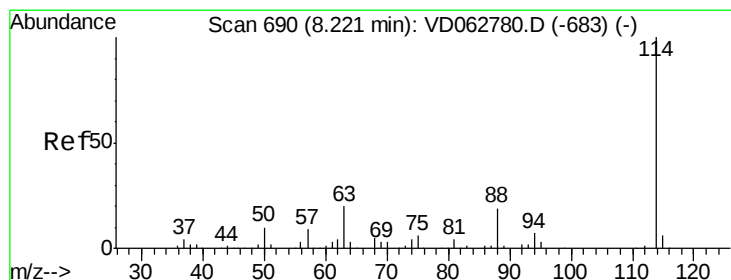
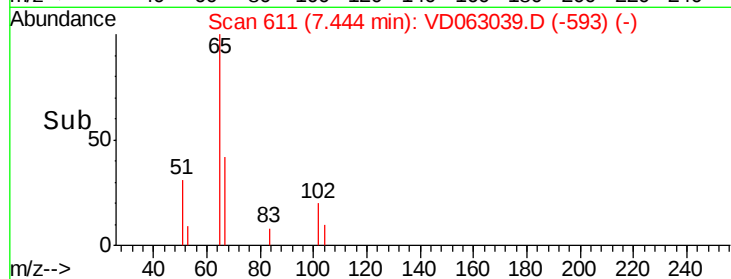
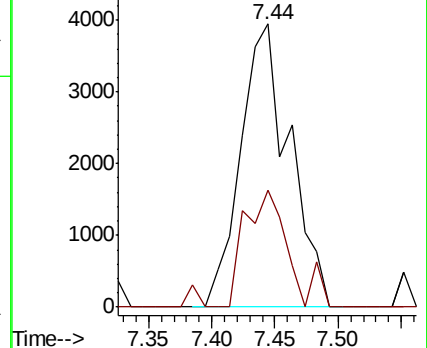
65 100

67 41.5 0.0 87.4



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: VD063039.D

Acq: 8 Jul 2019 16:31

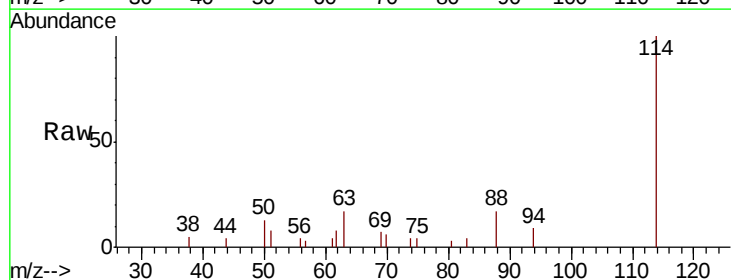
Tgt Ion: 114 Resp: 22791

Ion Ratio Lower Upper

114 100

63 17.2 0.0 40.0

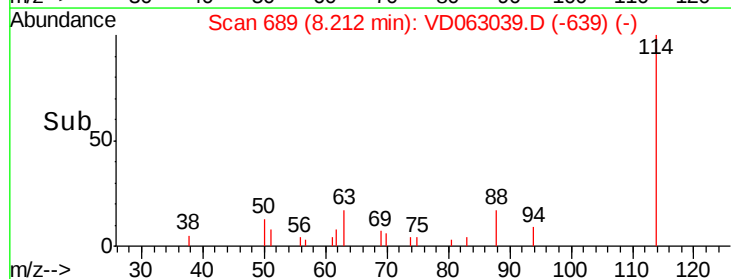
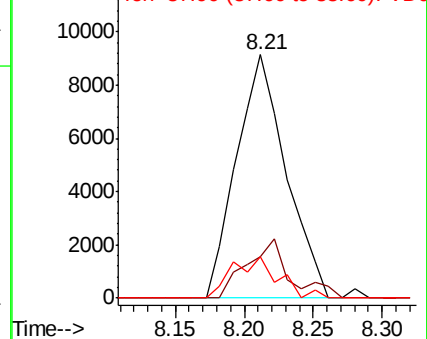
88 16.9 0.0 38.8

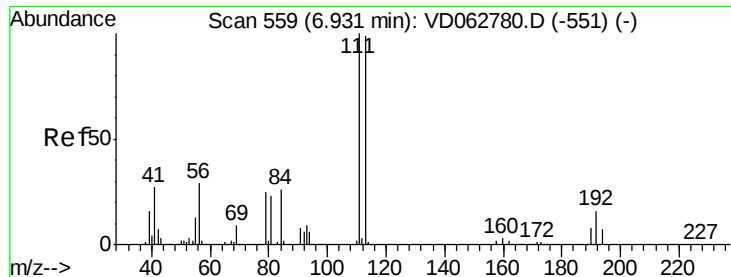


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 40.313 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

72-12017-VNJ-206

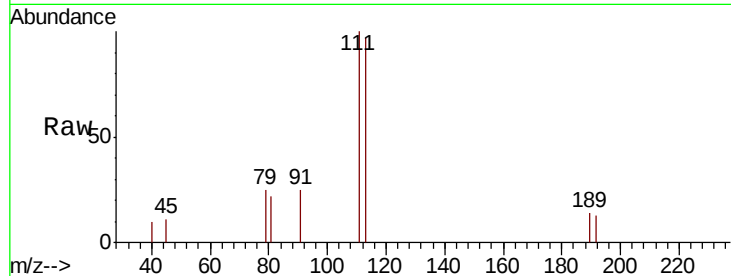
Tot Ion:113 Resp: 7747

Ion Ratio Lower Upper

113 100

111 103.4 81.2 121.8

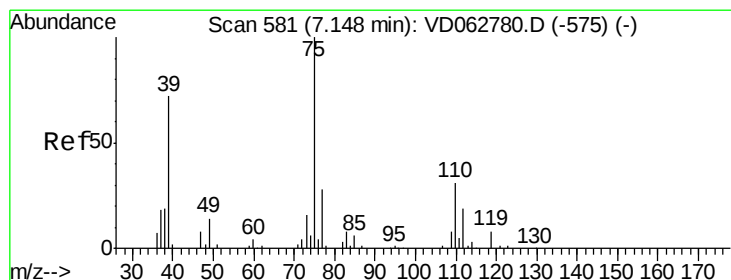
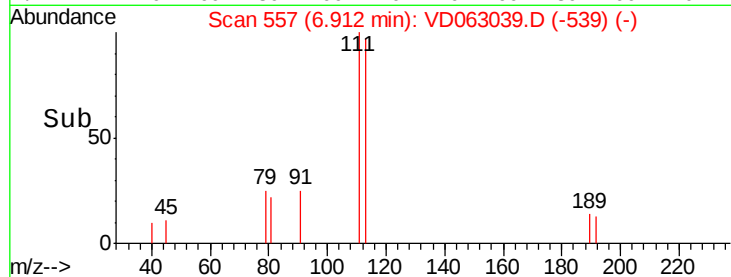
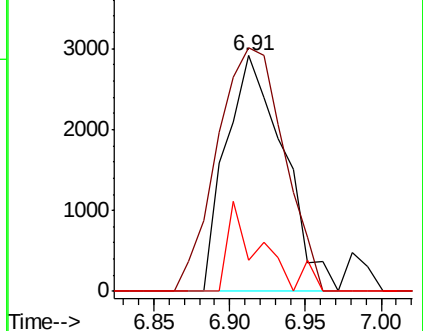
192 13.2 12.9 19.3



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: 1.975 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.07 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

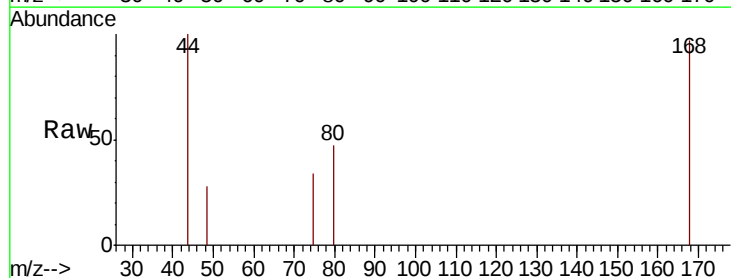
Tgt Ion: 75 Resp: 426

Ion Ratio Lower Upper

75 100

110 0.0 15.0 45.1#

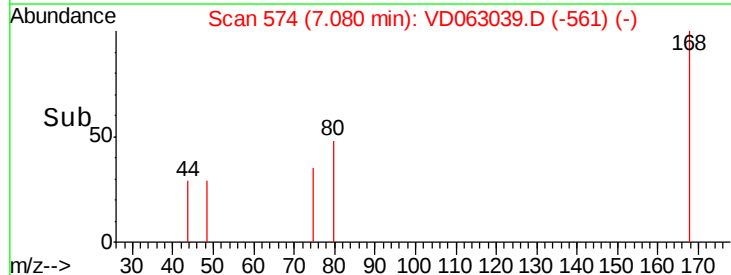
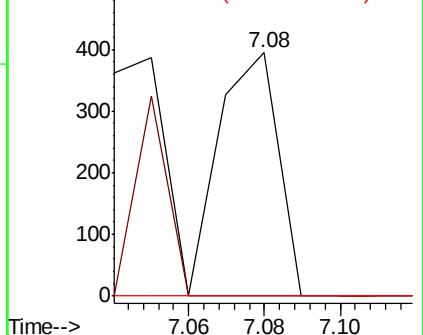
77 0.0 22.2 33.2#

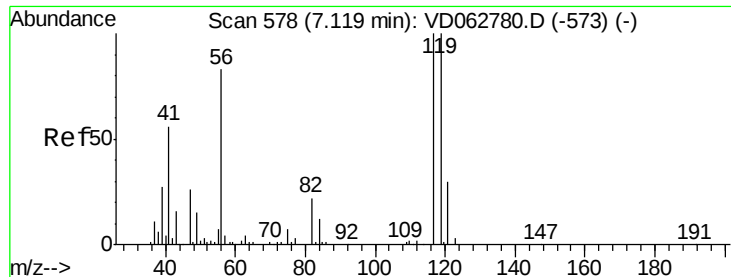


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 4.589 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

72-12017-VNJ-206

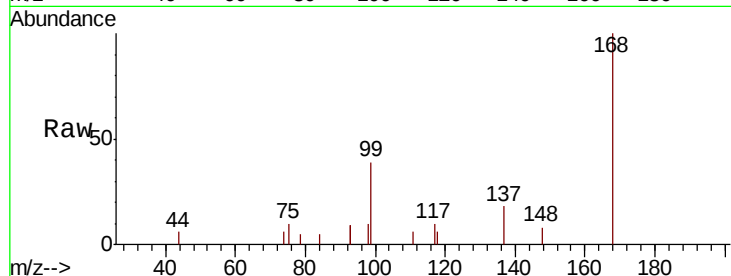
Tot Ion:117 Resp: 1489

Ion Ratio Lower Upper

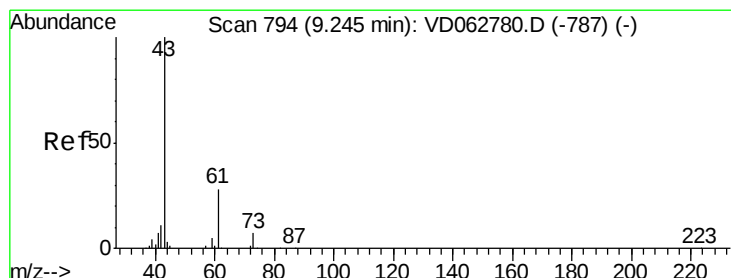
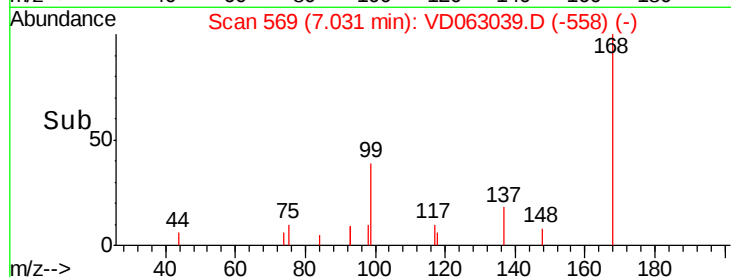
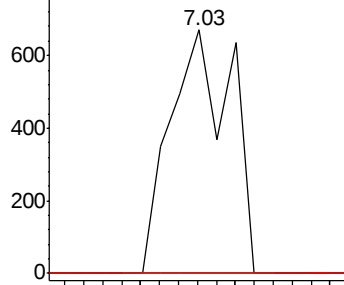
117 100

119 0.0 75.4 113.2#

121 0.0 22.3 33.5#



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



#43

Isopropyl Acetate

Concen: 1.574 ug/l

RT: 9.23 min Scan# 792

Delta R.T. -0.02 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

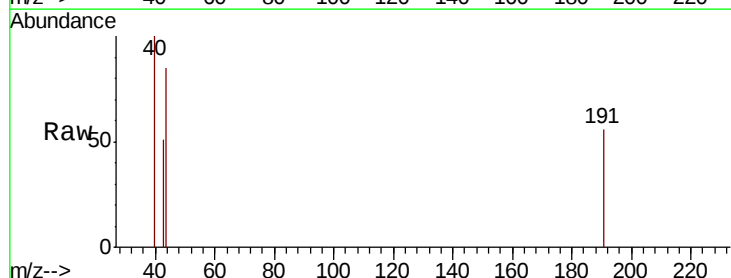
Tgt Ion: 43 Resp: 178

Ion Ratio Lower Upper

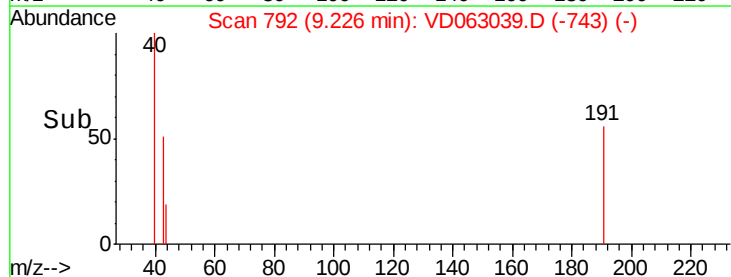
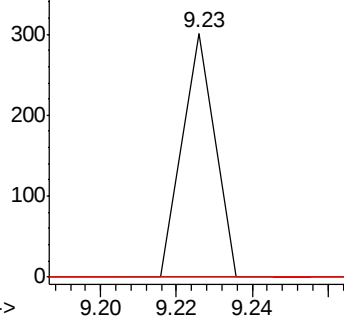
43 100

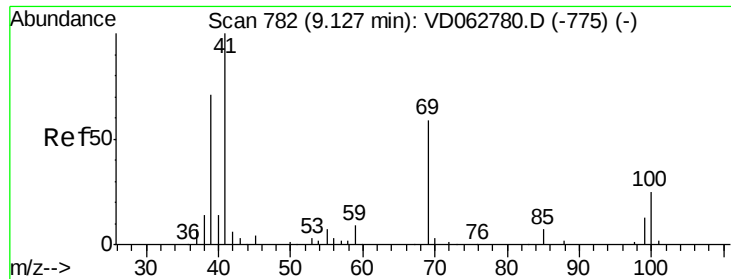
61 0.0 22.4 33.6#

87 0.0 0.3 0.5#



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

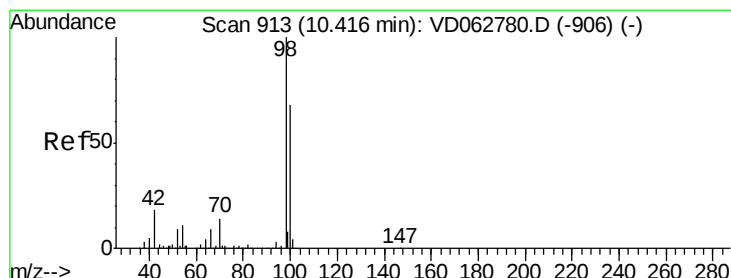
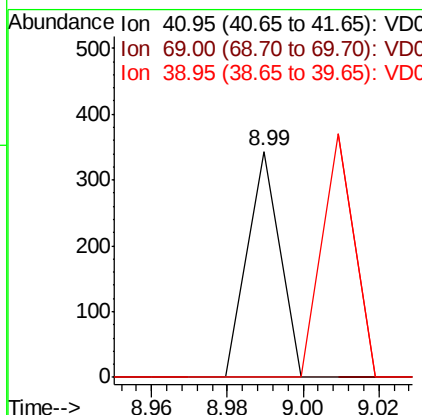
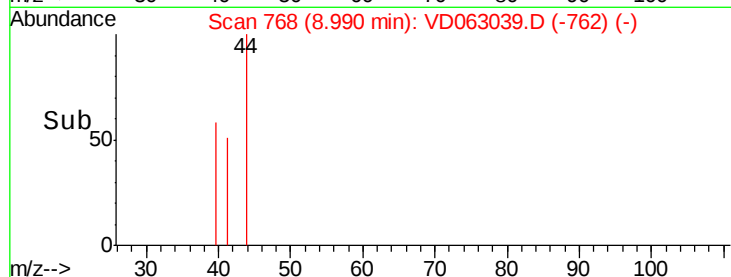
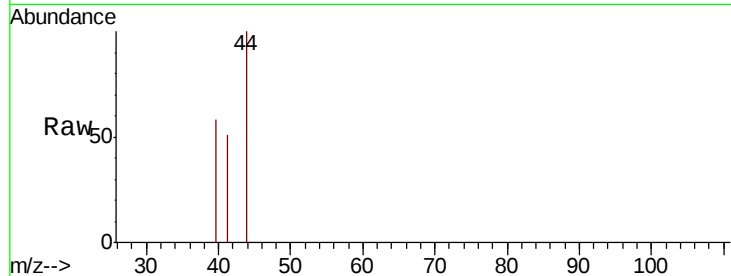




#48
Methyl methacrylate
Concen: 2.526 ug/l
RT: 8.99 min Scan# 768
Delta R.T. -0.14 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

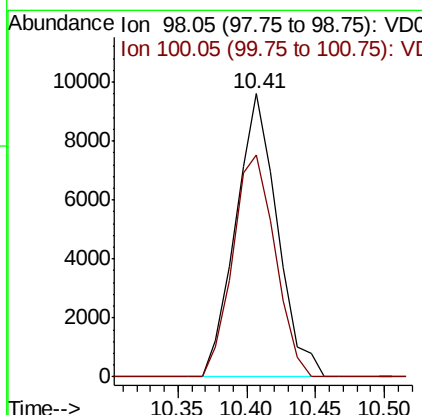
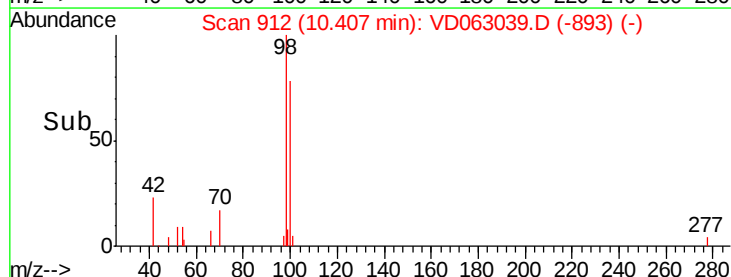
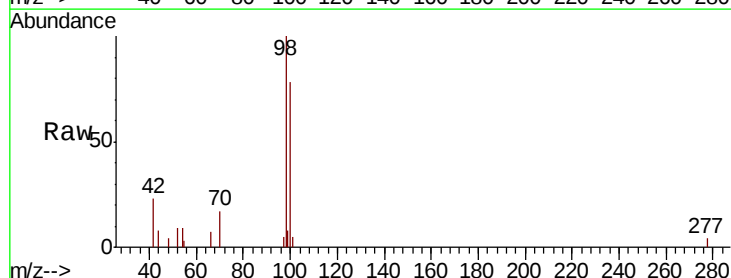
Instrument :
MSVOA_D
ClientSampleId :
72-12017-VNJ-206

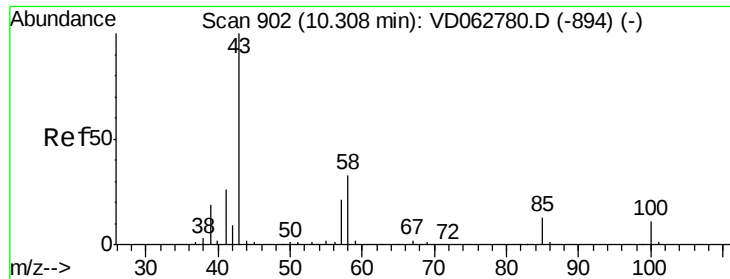
Tot Ion: 41 Resp: 203
Ion Ratio Lower Upper
41 100
69 0.0 47.2 70.8#
39 0.0 57.4 86.2#



#50
Toluene-d8
Concen: 48.281 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

Tgt Ion: 98 Resp: 20194
Ion Ratio Lower Upper
98 100
100 72.7 54.7 82.1

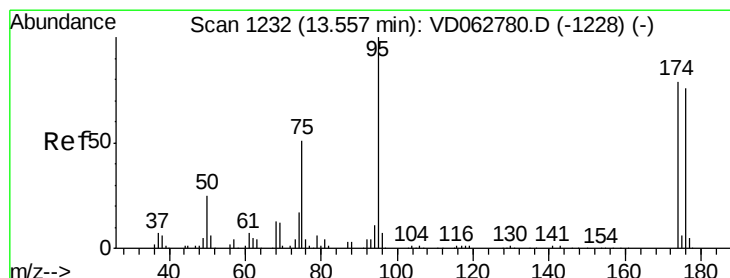
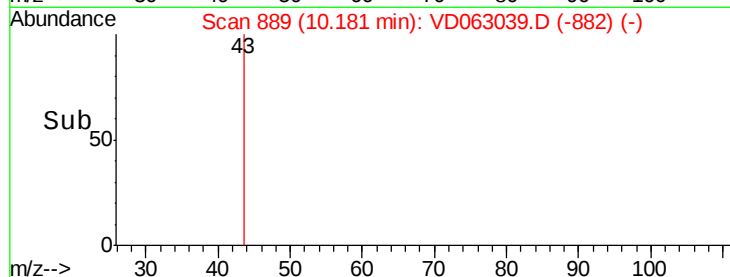
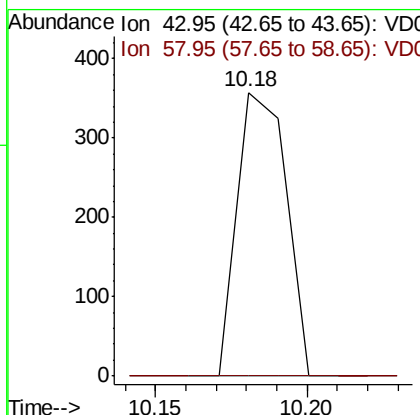
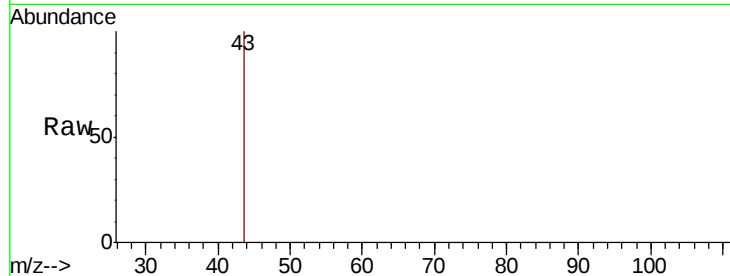




#51
 4-Methyl-2-Pentanone
 Concen: 5.013 ug/l
 RT: 10.18 min Scan# 889
 Delta R.T. -0.13 min
 Lab File: VD063039.D
 Acq: 8 Jul 2019 16:31

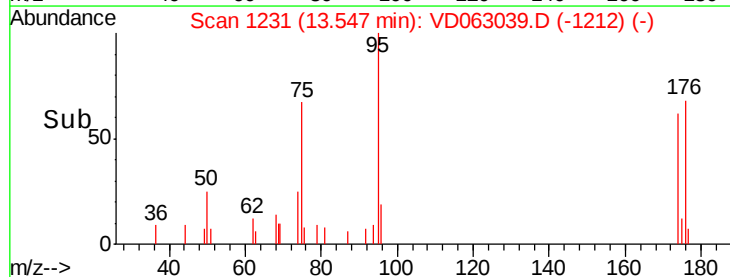
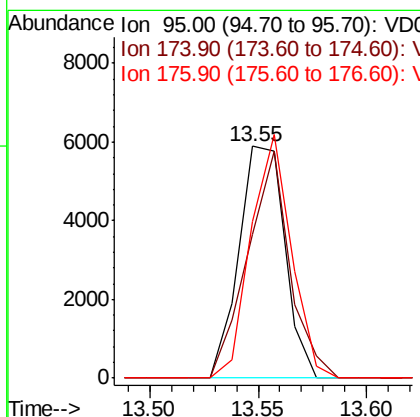
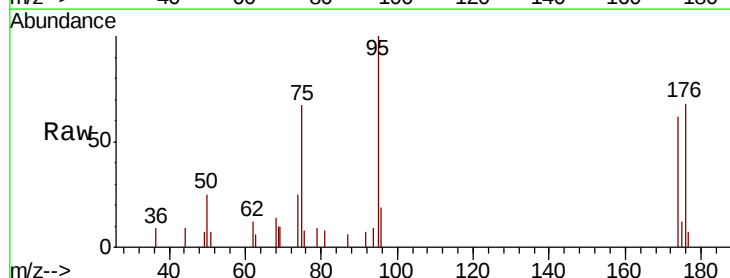
Instrument :
 MSVOA_D
 ClientSampleId :
 72-12017-VNJ-206

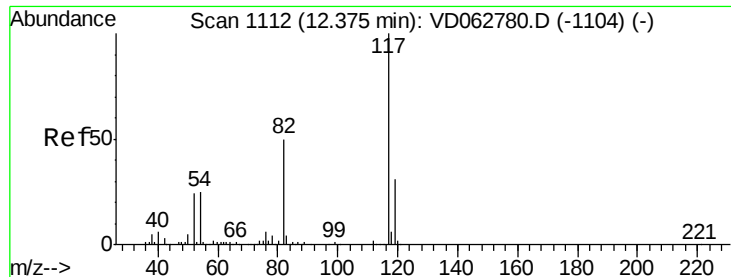
Tot Ion: 43 Resp: 402
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.6 40.0#



#62
 4-Bromofluorobenzene
 Concen: 46.239 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VD063039.D
 Acq: 8 Jul 2019 16:31

Tgt Ion: 95 Resp: 8794
 Ion Ratio Lower Upper
 95 100
 174 62.0 0.0 158.0
 176 74.3 0.0 151.6

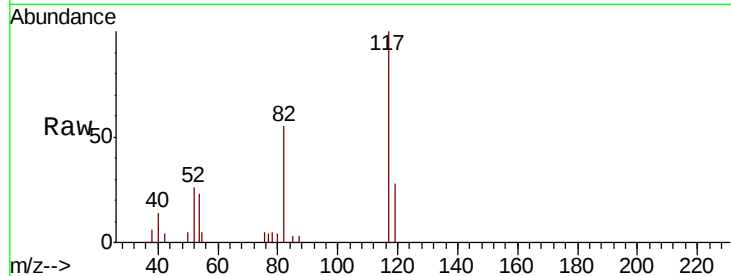




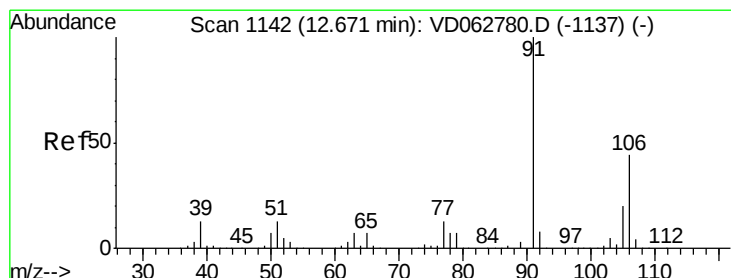
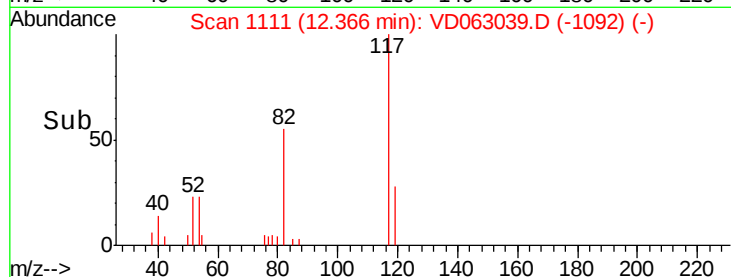
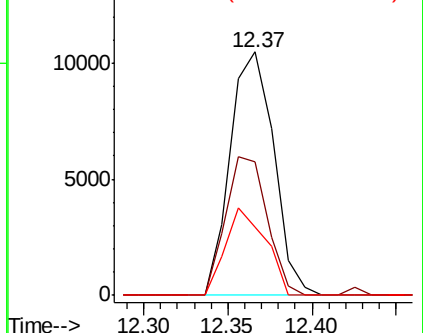
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :
72-12017-VNJ-206

Tot Ion:117 Resp: 18836
Ion Ratio Lower Upper
117 100
82 54.9 40.4 60.6
119 28.3 25.2 37.8

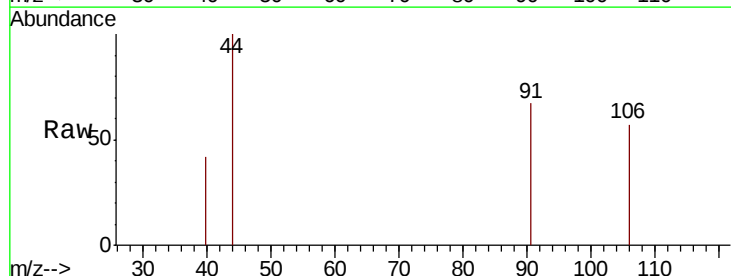


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

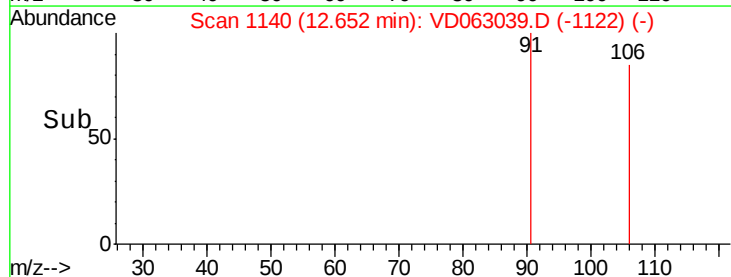
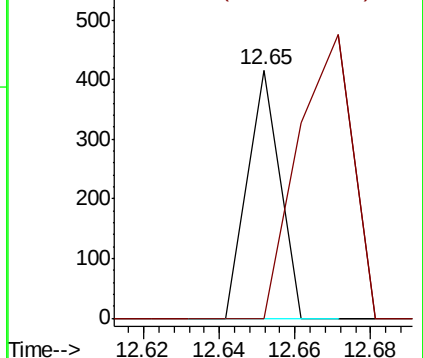


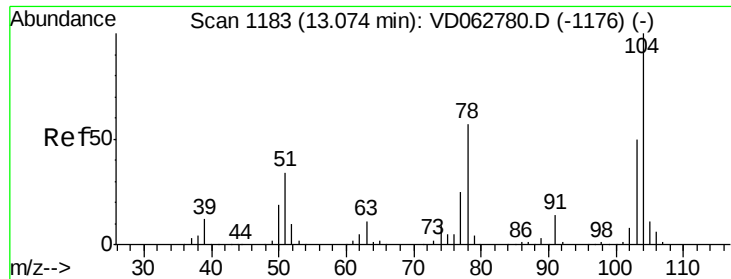
#68
m/p-Xylenes
Concen: 1.125 ug/l
RT: 12.65 min Scan# 1140
Delta R.T. -0.02 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

Tgt Ion:106 Resp: 246
Ion Ratio Lower Upper
106 100
91 0.0 183.0 274.6#



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

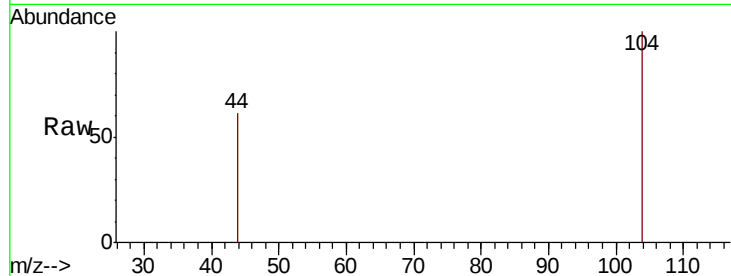




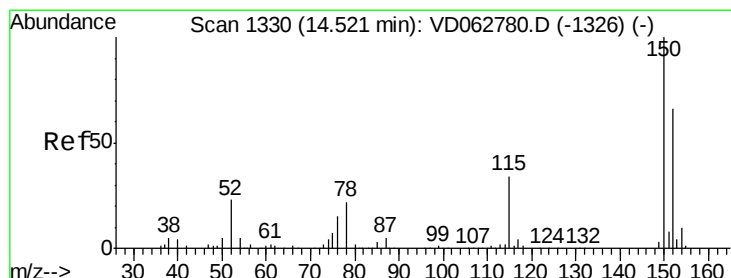
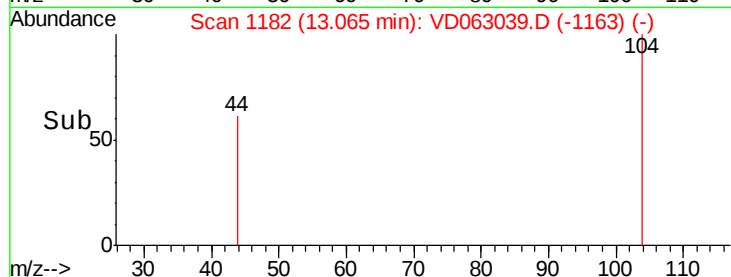
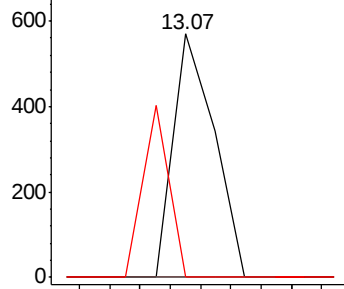
#70
Stvrene
Concen: 1.538 ug/l
RT: 13.07 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :
72-12017-VNJ-206

Tot Ion:104 Resp: 540
Ion Ratio Lower Upper
104 100
78 0.0 45.4 68.2#
103 0.0 39.7 59.5#

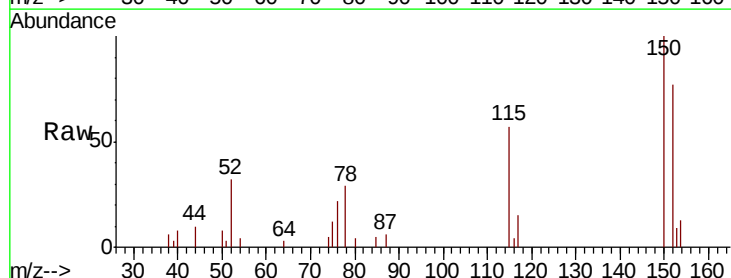


Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V

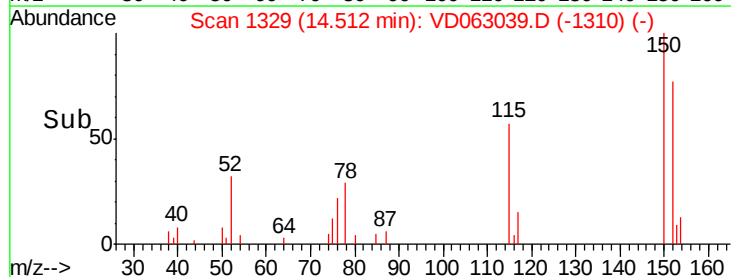
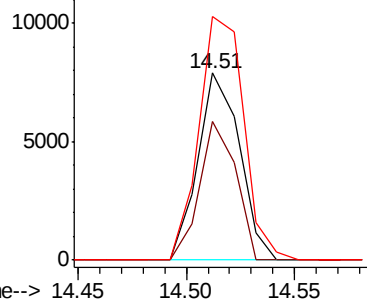


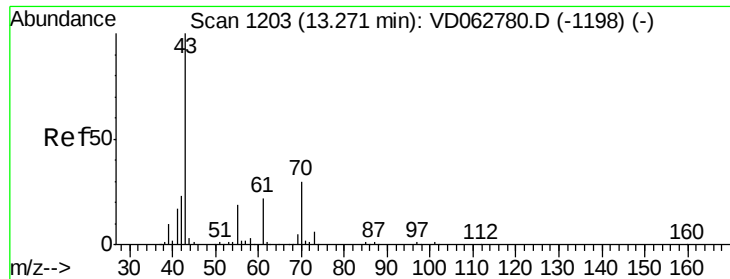
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

Tgt Ion:152 Resp: 10533
Ion Ratio Lower Upper
152 100
115 74.4 29.2 87.6
150 130.3 0.0 305.8



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





#74

N-amvl acetate

Concen: 1.177 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. -0.03 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

72-12017-VNJ-206

Tot Ion: 43 Resp: 193

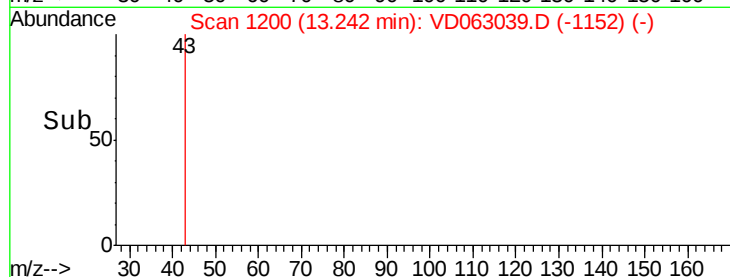
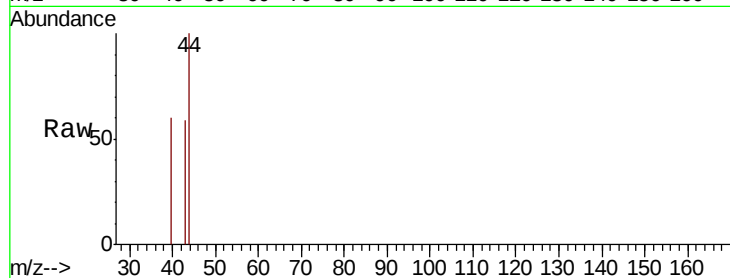
Ion Ratio Lower Upper

43 100

70 0.0 24.4 36.6#

55 0.0 15.2 22.8#

61 0.0 17.4 26.2#

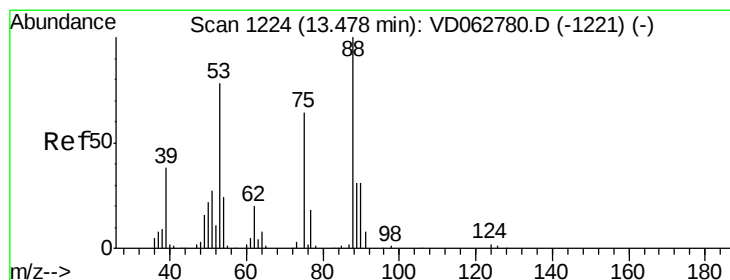
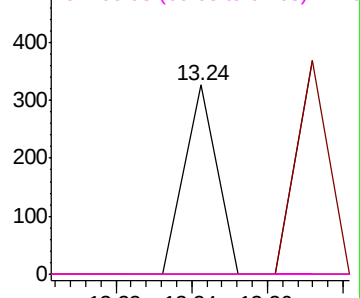


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 170.890 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

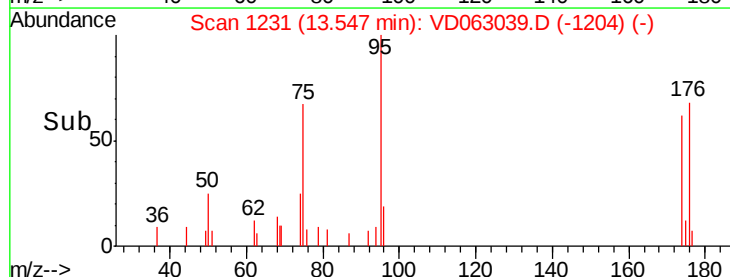
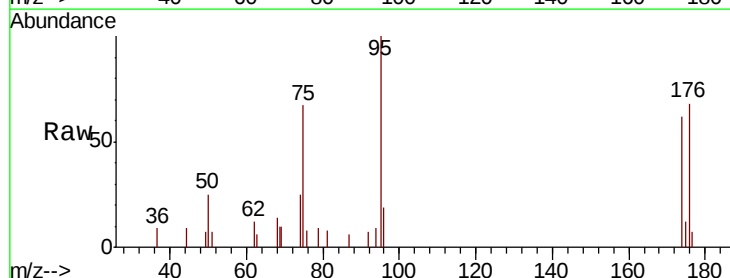
Tgt Ion: 75 Resp: 5446

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

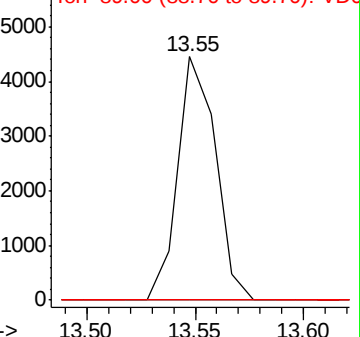
89 0.0 39.4 59.2#

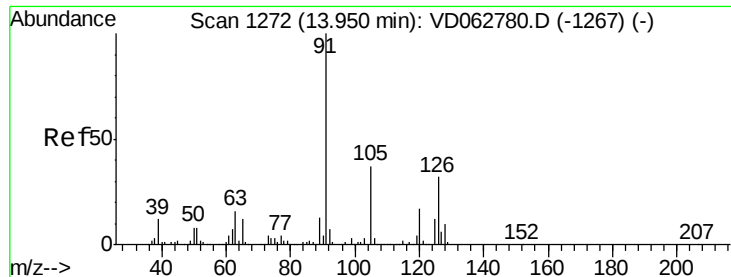


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#82

4-Chlorotoluene

Concen: 1.219 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

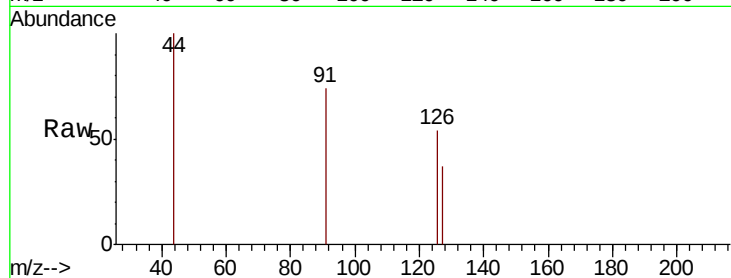
72-12017-VNJ-206

Tot Ion: 91 Resp: 659

Ion Ratio Lower Upper

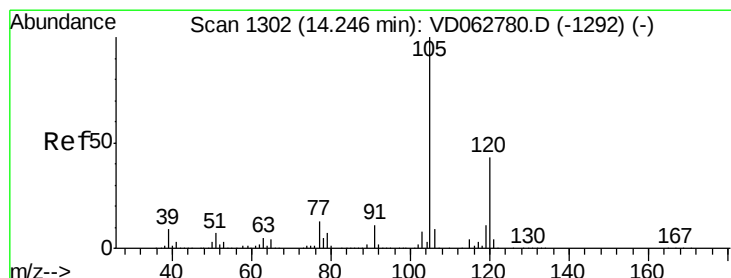
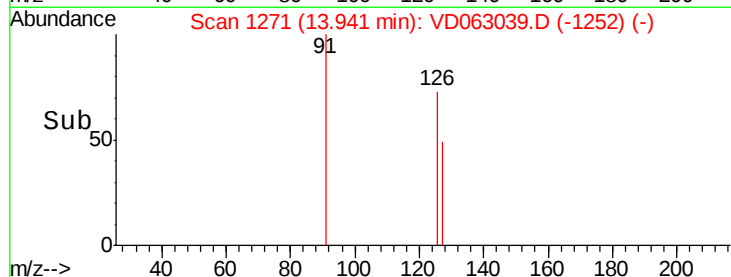
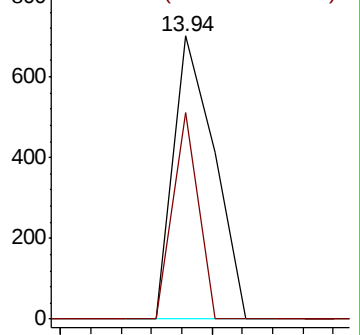
91 100

126 73.0 16.0 47.9#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#84

1,2,4-Trimethylbenzene

Concen: 1.428 ug/l

RT: 14.24 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VD063039.D

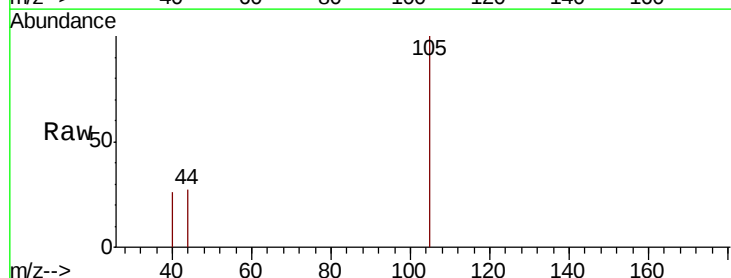
Acq: 8 Jul 2019 16:31

Tgt Ion: 105 Resp: 830

Ion Ratio Lower Upper

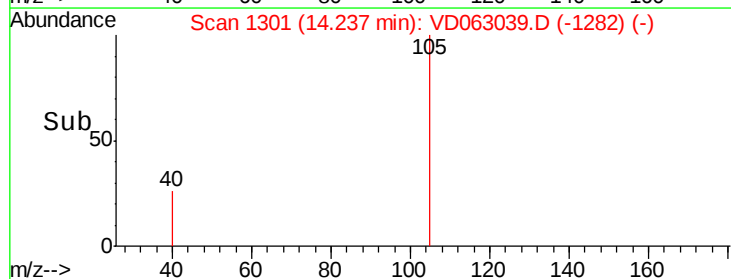
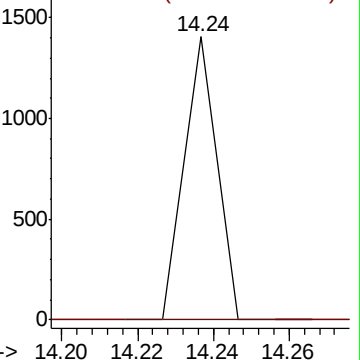
105 100

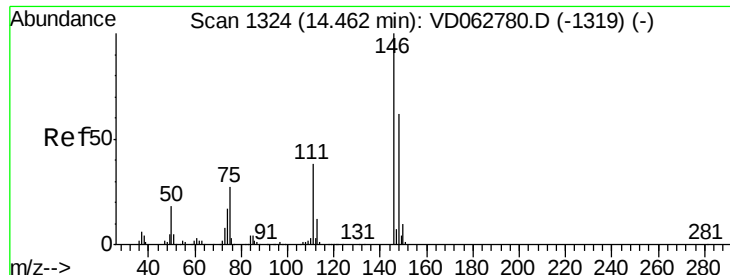
120 0.0 21.3 63.9#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

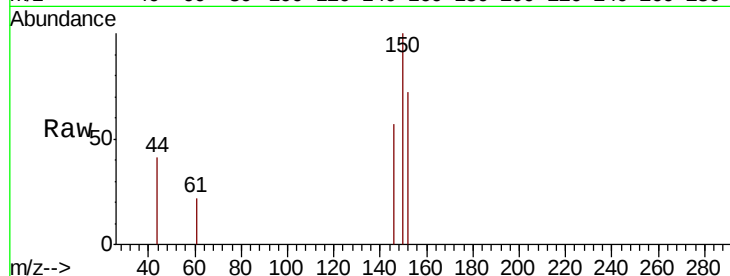




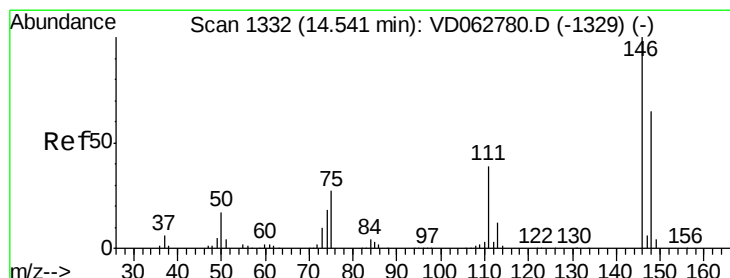
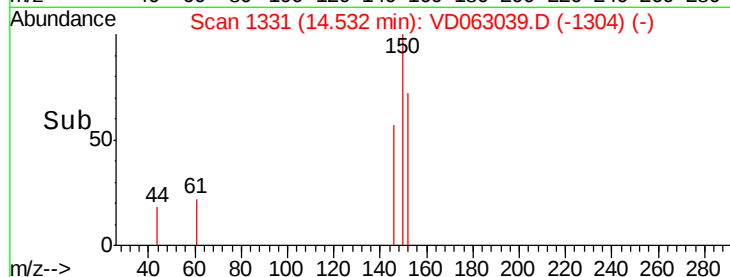
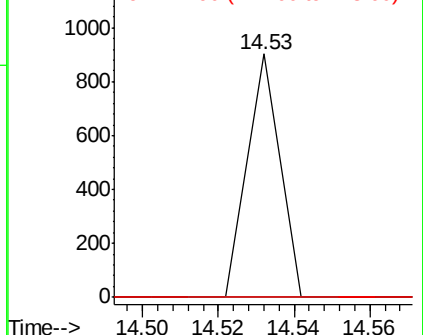
#87
 1,3-Dichlorobenzene
 Concen: 1.637 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.07 min
 Lab File: VD063039.D
 Acq: 8 Jul 2019 16:31

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12017-VNJ-206

Tot Ion:146 Resp: 533
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.0 57.0#
 148 0.0 30.8 92.3#

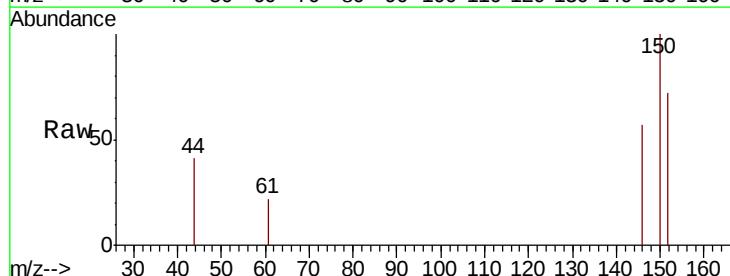


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

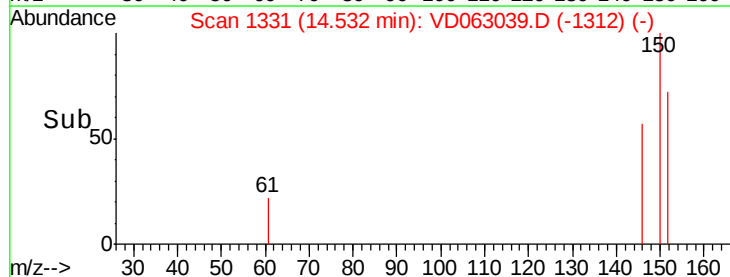
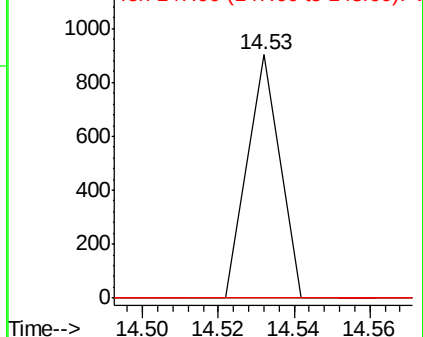


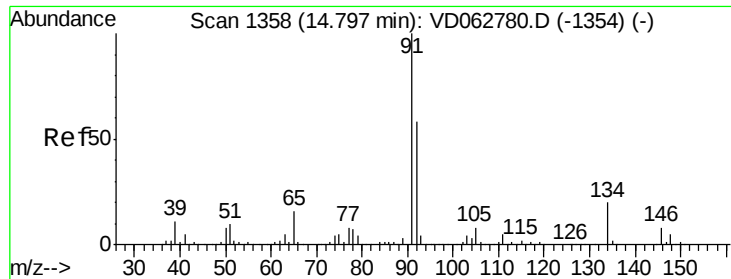
#88
 1,4-Dichlorobenzene
 Concen: 1.630 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD063039.D
 Acq: 8 Jul 2019 16:31

Tgt Ion:146 Resp: 533
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.7 59.1#
 148 0.0 32.8 98.3#



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.669 ug/l

RT: 14.79 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

72-12017-VNJ-206

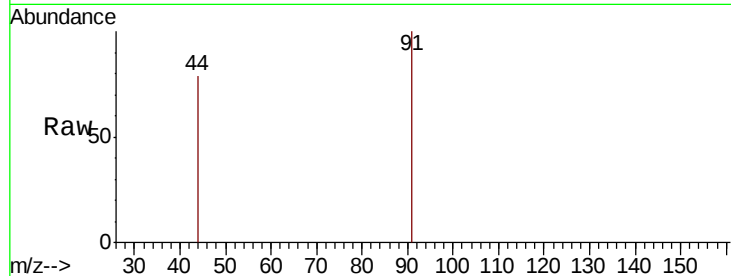
Tot Ion: 91 Resp: 982

Ion Ratio Lower Upper

91 100

92 0.0 28.9 86.7#

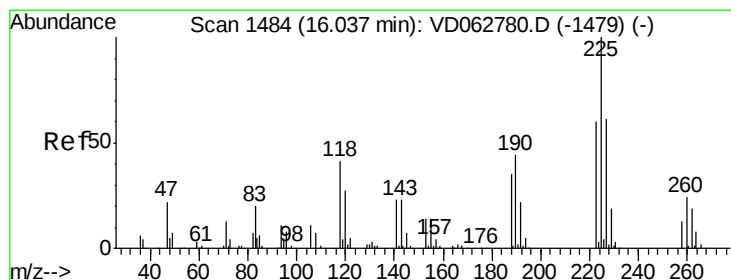
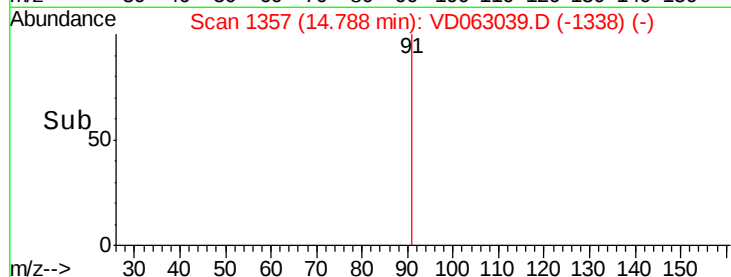
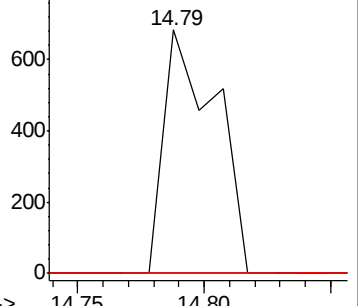
134 0.0 10.1 30.3#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#94

Hexachlorobutadiene

Concen: 1.738 ug/l

RT: 16.04 min Scan# 1484

Delta R.T. 0.00 min

Lab File: VD063039.D

Acq: 8 Jul 2019 16:31

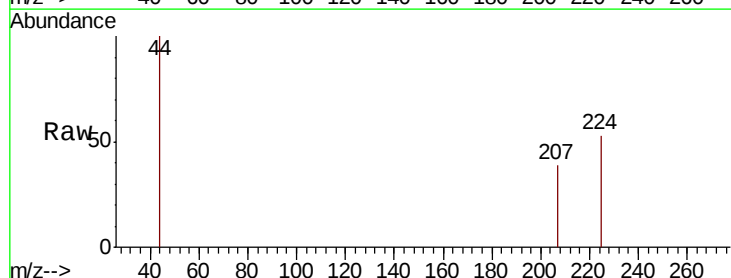
Tgt Ion: 225 Resp: 289

Ion Ratio Lower Upper

225 100

223 0.0 29.8 89.5#

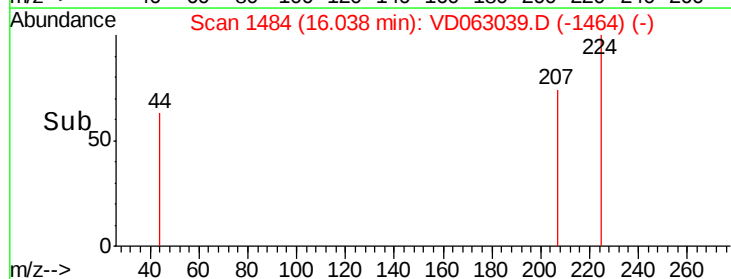
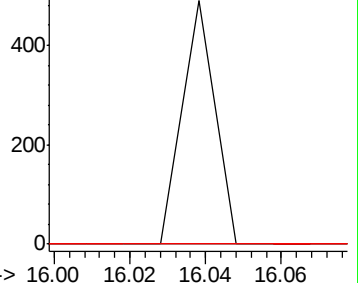
227 0.0 30.6 91.6#

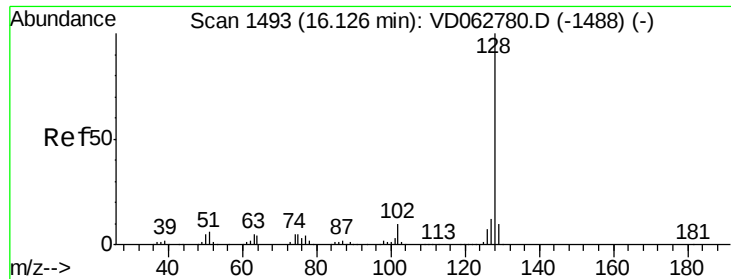


Abundance Ion 224.75 (224.45 to 225.45): V

Ion 222.75 (222.45 to 223.45): V

Ion 226.75 (226.45 to 227.45): V





#95
Naphthalene
Concen: 3.711 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD063039.D
Acq: 8 Jul 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :
72-12017-VNJ-206

Tot Ion:128 Resp: 1132
Ion Ratio Lower Upper
128 100
127 0.0 9.7 14.5#
129 0.0 8.3 12.5#

