

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050919\
 Data File : VD062190.D
 Acq On : 9 May 2019 16:06
 Operator : FY/SY
 Sample : K2717-01RE
 Misc : 5.60g/5mL/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

Quant Time: May 10 04:20:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	23966	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.19	114	41123	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	36165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	13956	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	21638	97.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.30%	
35) Dibromofluoromethane	6.89	113	20625	60.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.90%	
50) Toluene-d8	10.39	98	40424	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	13.55	95	16437	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds						Qvalue
3) Chloromethane	1.76	50	265	1.600	ug/l #	1
5) Bromomethane	2.16	94	557	14.604	ug/l #	12
10) Methyl Iodide	3.31	142	4855	13.419	ug/l #	89
16) Acetone	3.20	43	4711	100.864	ug/l #	50
18) Methyl Acetate	3.45	43	345	3.850	ug/l #	53
25) 2-Butanone	6.04	43	416	8.166	ug/l #	56
36) 1,1-Dichloropropene	7.04	75	1300	3.856	ug/l #	40
37) Ethyl Acetate	6.04	43	416	2.909	ug/l #	64
38) Carbon Tetrachloride	7.03	117	1784	3.823	ug/l #	12
43) Isopropyl Acetate	9.26	43	235	1.159	ug/l #	43
51) 4-Methyl-2-Pentanone	10.28	43	610	4.680	ug/l #	37
55) 1,1,2-Trichloroethane	11.20	97	263	1.500	ug/l #	16
59) 2-Hexanone	11.51	43	230	2.394	ug/l #	27
64) Tetrachloroethene	11.23	164	319	1.128	ug/l #	36
65) Chlorobenzene	12.37	112	1051	1.560	ug/l #	42
67) Ethyl Benzene	12.51	91	1646	1.460	ug/l #	44
68) m/p-Xylenes	12.66	106	964	2.350	ug/l	98
69) o-Xylene	13.03	106	476	1.248	ug/l	72
70) Styrene	13.05	104	885	1.370	ug/l #	52
73) Isopropylbenzene	13.40	105	1409	1.684	ug/l #	51
77) Bromobenzene	13.65	156	556	2.374	ug/l	83
78) n-propylbenzene	13.76	91	2235	2.240	ug/l #	54
79) 2-Chlorotoluene	13.83	91	1379	2.413	ug/l	87
80) 1,3,5-Trimethylbenzene	13.92	105	1132	1.607	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.55	75	6600	140.959	ug/l #	16
82) 4-Chlorotoluene	13.94	91	1659	2.467	ug/l	79
83) tert-Butylbenzene	14.18	119	943	1.191	ug/l #	67
84) 1,2,4-Trimethylbenzene	14.22	105	1530	2.164	ug/l	81
85) sec-Butylbenzene	14.35	105	1297	1.494	ug/l #	60
86) p-Isopropyltoluene	14.48	119	1206	1.555	ug/l #	71
87) 1,3-Dichlorobenzene	14.53	146	1722	4.025	ug/l	74
88) 1,4-Dichlorobenzene	14.53	146	1722	4.097	ug/l	74
89) n-Butylbenzene	14.79	91	1412	2.028	ug/l #	37
91) 1,2-Dichlorobenzene	14.80	146	1105	3.136	ug/l	80

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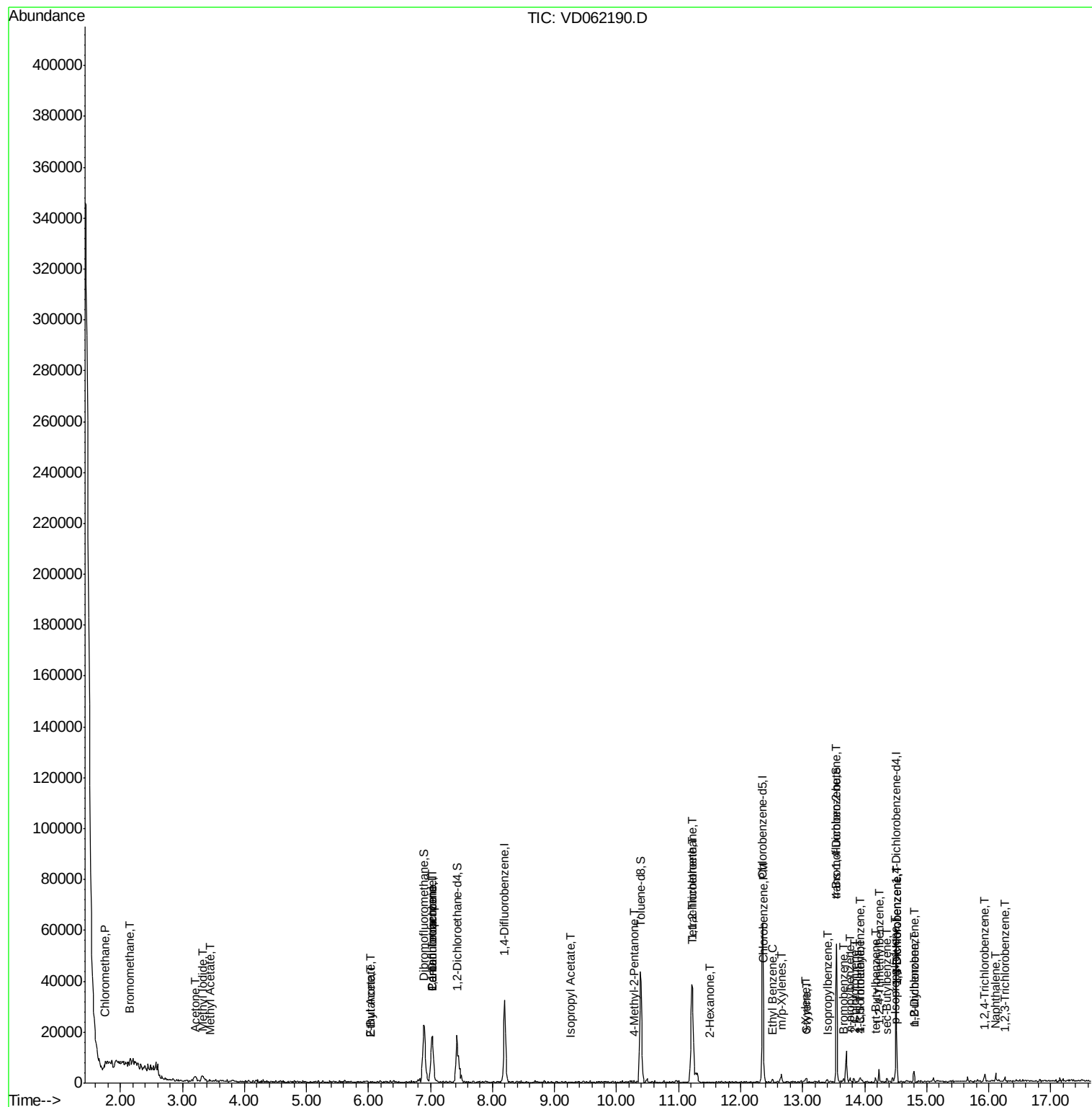
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	1404	5.475	ug/l	78
95) Naphthalene	16.11	128	2326	6.497	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.26	180	413	2.561	ug/l #	78

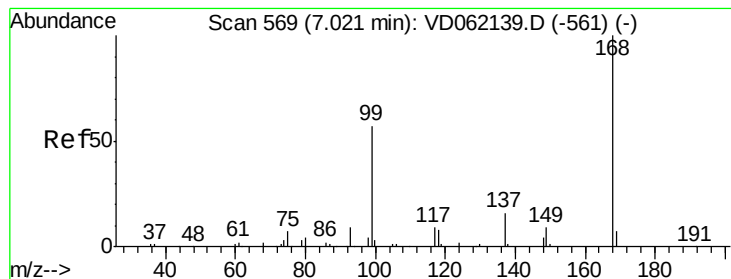
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

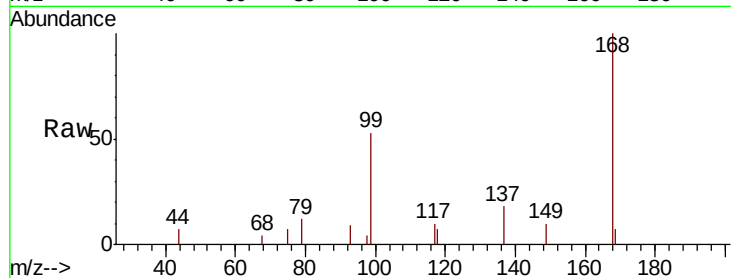
P026-SS001-0002-01RE

Tgt Ion:168 Resp: 23966

Ion Ratio Lower Upper

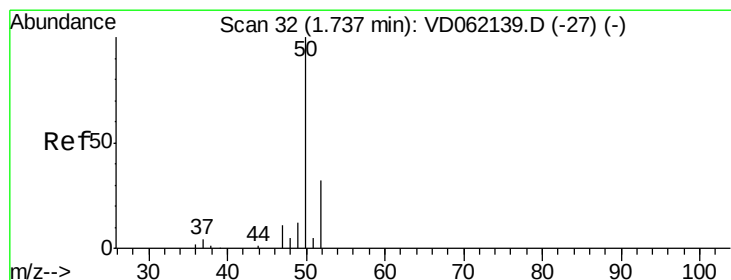
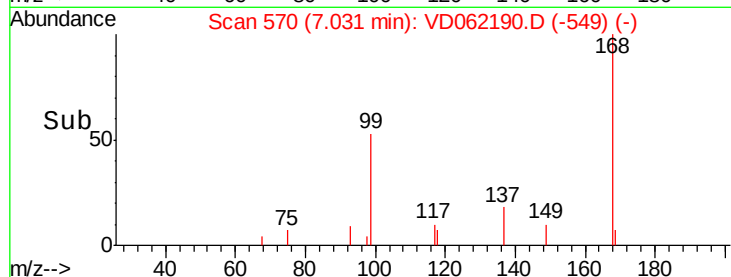
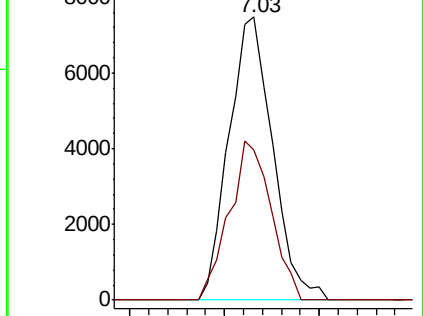
168 100

99 53.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 1.600 ug/l

RT: 1.76 min Scan# 34

Delta R.T. 0.02 min

Lab File: VD062190.D

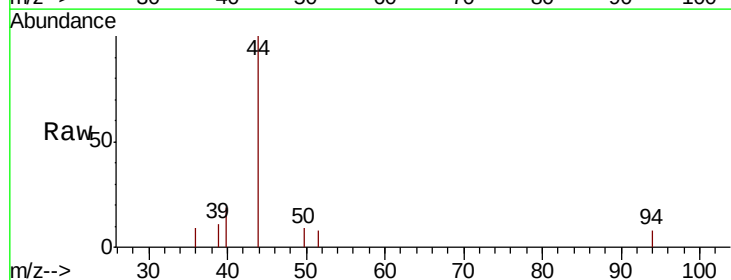
Acq: 9 May 2019 16:06

Tgt Ion: 50 Resp: 265

Ion Ratio Lower Upper

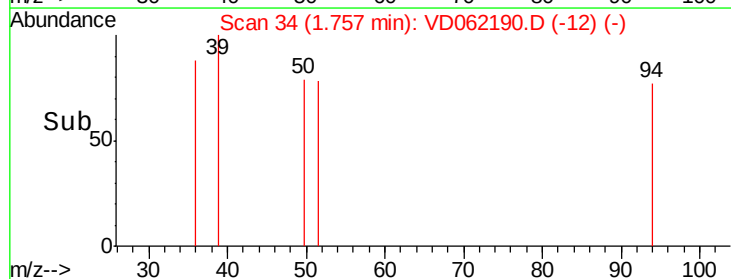
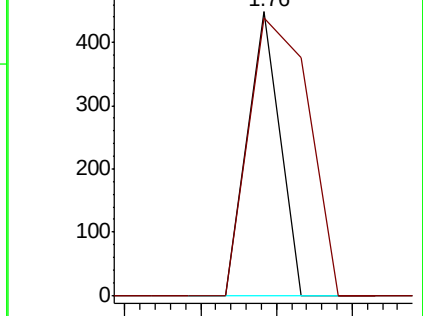
50 100

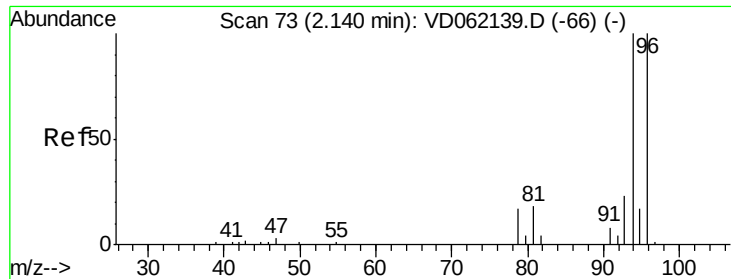
52 97.8 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 14.604 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0002-01RE

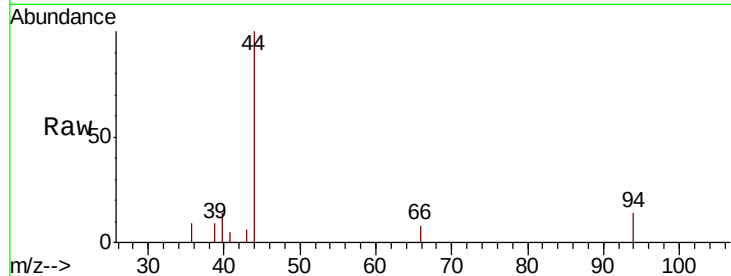
Tgt Ion: 94 Resp: 557

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

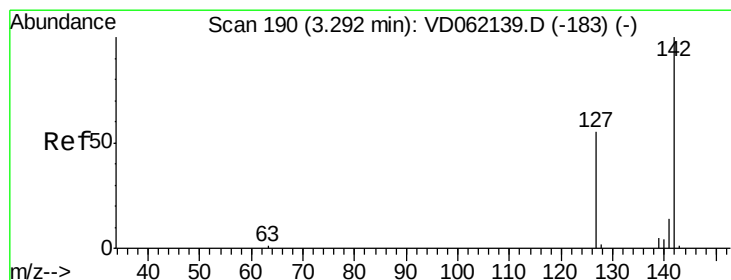
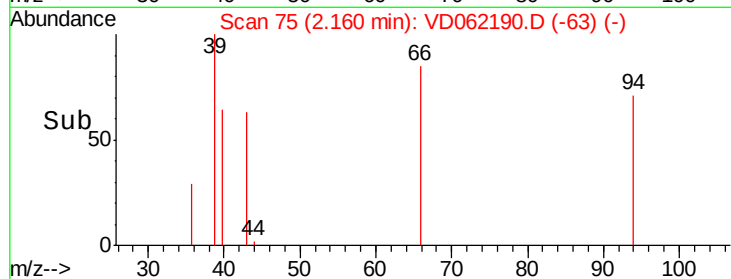
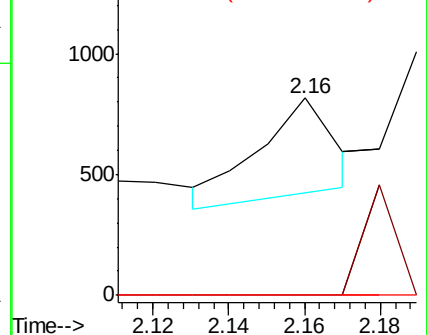
93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#10

Methyl Iodide

Concen: 13.419 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.02 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

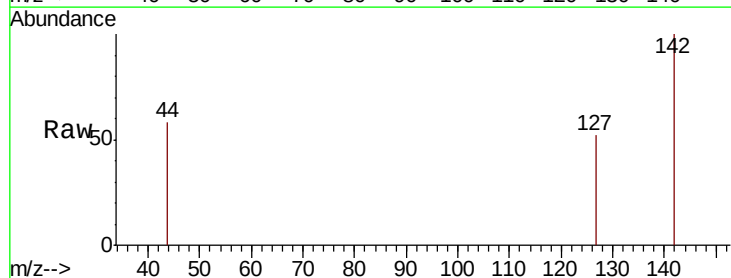
Tgt Ion: 142 Resp: 4855

Ion Ratio Lower Upper

142 100

127 51.6 38.8 58.2

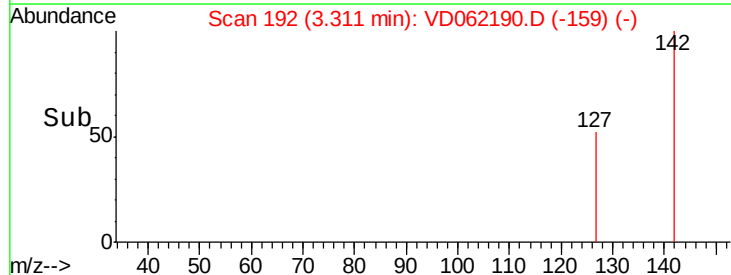
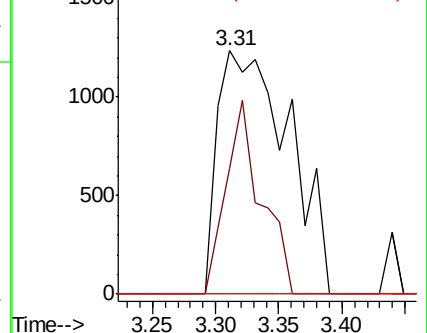
141 0.0 11.4 17.0#

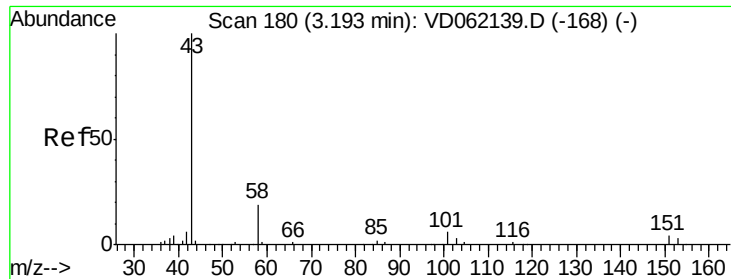


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#16

Acetone

Concen: 100.864 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

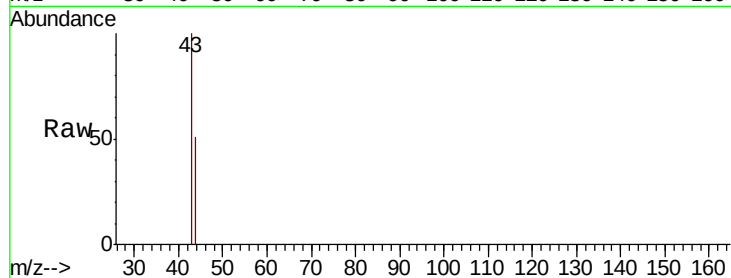
P026-SS001-0002-01RE

Tgt Ion: 43 Resp: 4711

Ion Ratio Lower Upper

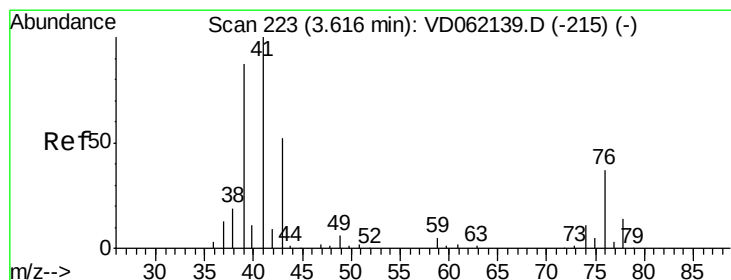
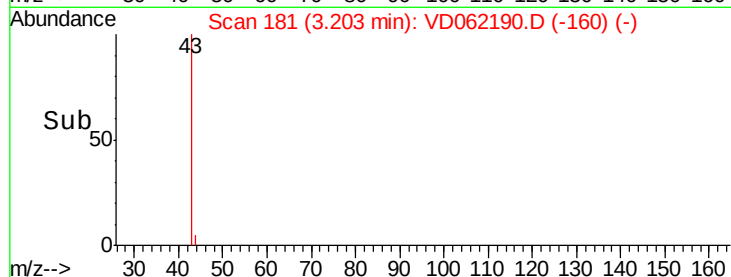
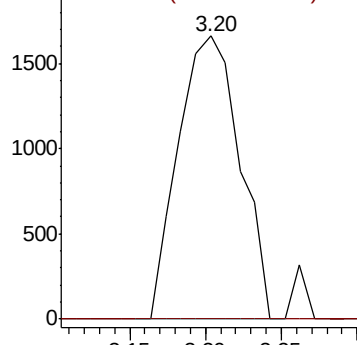
43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 3.850 ug/l

RT: 3.45 min Scan# 206

Delta R.T. -0.17 min

Lab File: VD062190.D

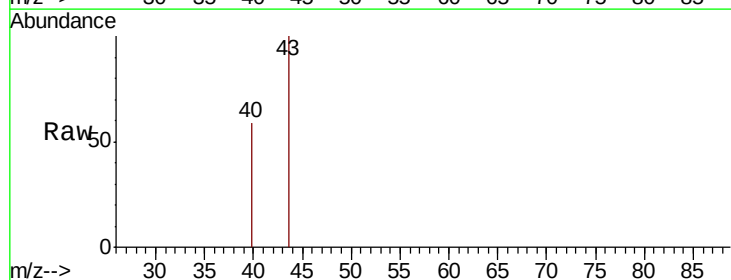
Acq: 9 May 2019 16:06

Tgt Ion: 43 Resp: 345

Ion Ratio Lower Upper

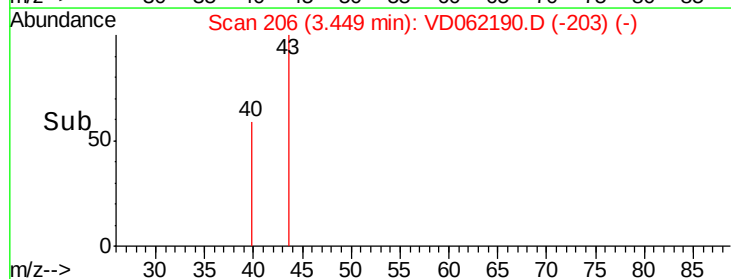
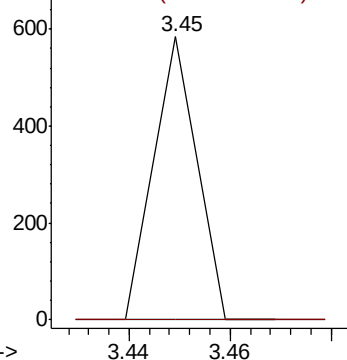
43 100

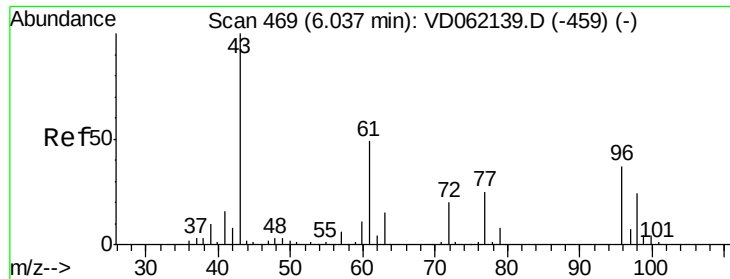
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#25

2-Butanone

Concen: 8.166 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

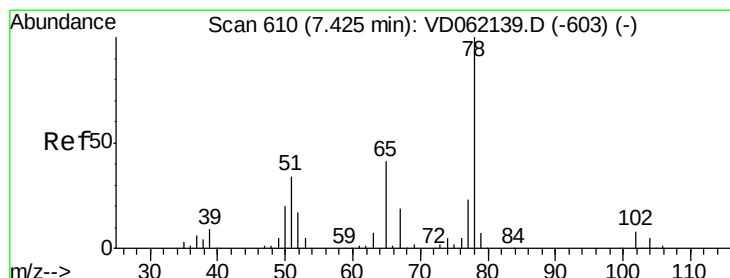
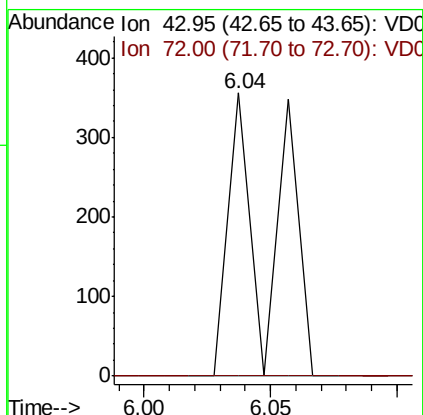
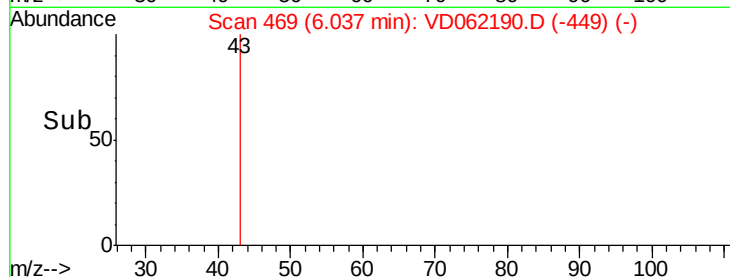
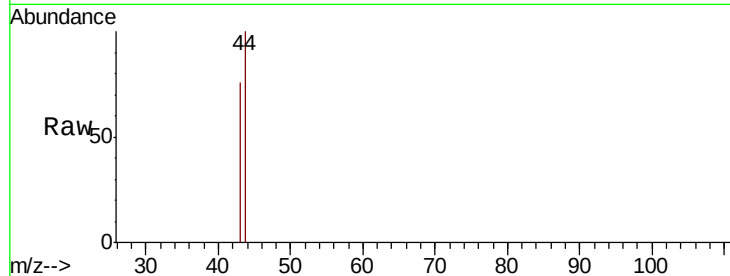
P026-SS001-0002-01RE

Tgt Ion: 43 Resp: 416

Ion Ratio Lower Upper

43 100

72 0.0 16.2 24.4#



#33

1,2-Dichloroethane-d4

Concen: 97.154 ug/l

RT: 7.42 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD062190.D

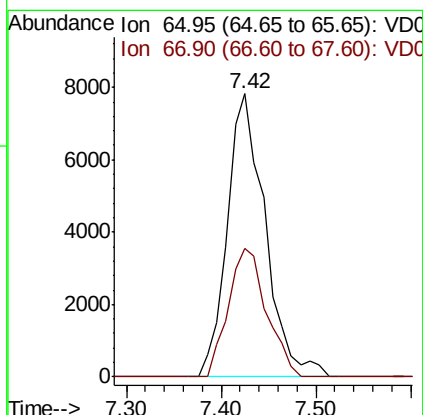
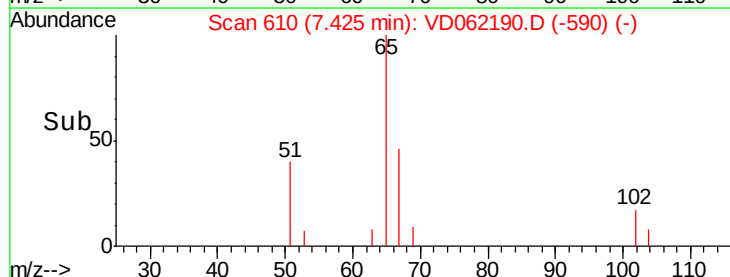
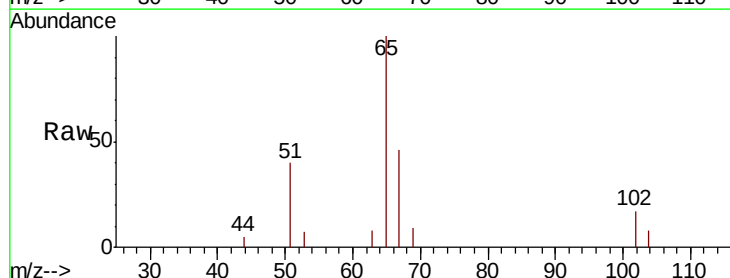
Acq: 9 May 2019 16:06

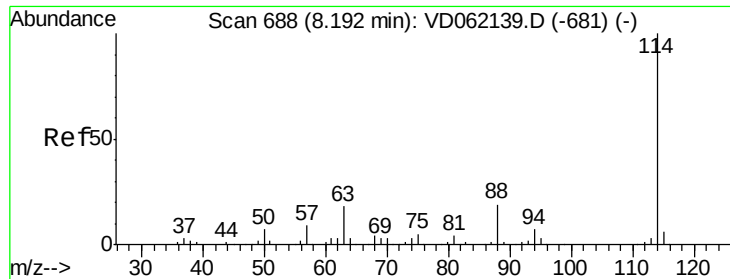
Tgt Ion: 65 Resp: 21638

Ion Ratio Lower Upper

65 100

67 45.6 0.0 98.0

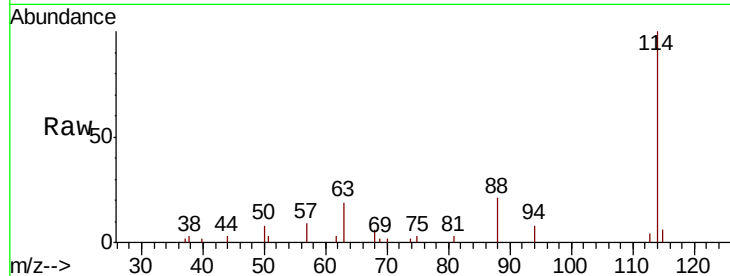




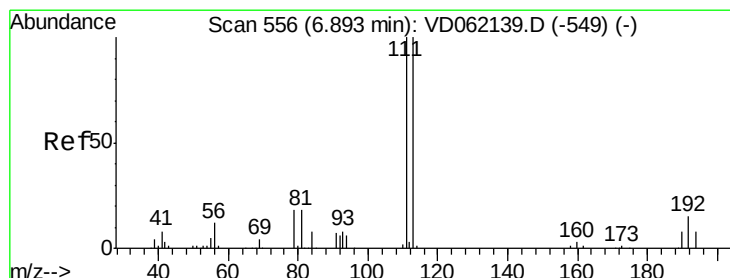
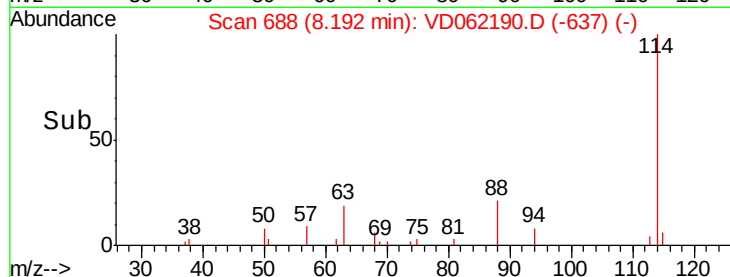
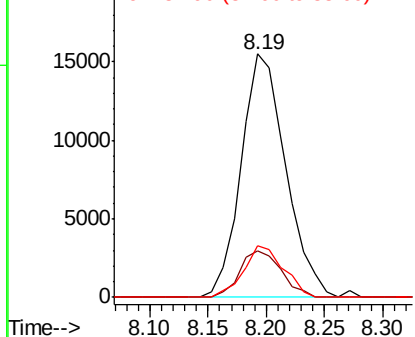
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

Tgt Ion:114 Resp: 41123
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 32.4
 88 21.1 0.0 33.6

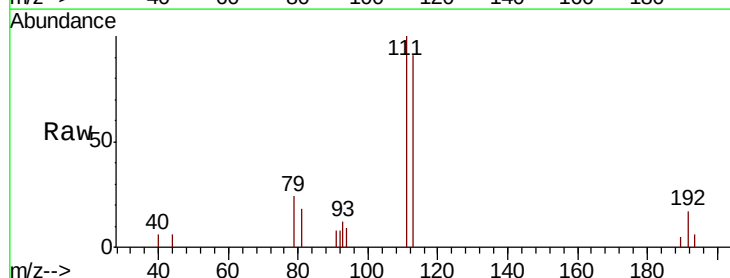


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

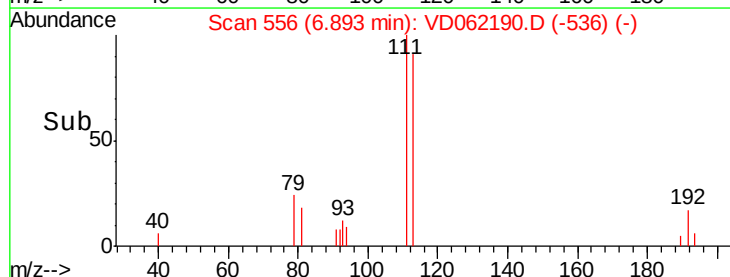
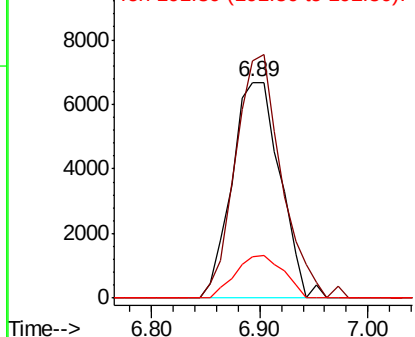


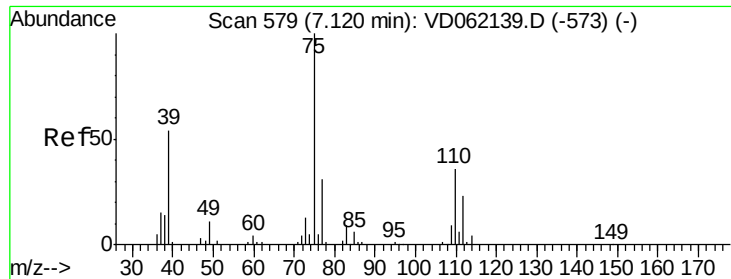
#35
 Dibromofluoromethane
 Concen: 60.448 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Tgt Ion:113 Resp: 20625
 Ion Ratio Lower Upper
 113 100
 111 110.0 78.5 117.7
 192 19.1 13.0 19.4



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

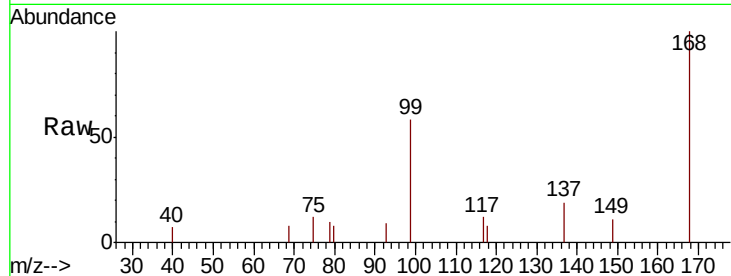




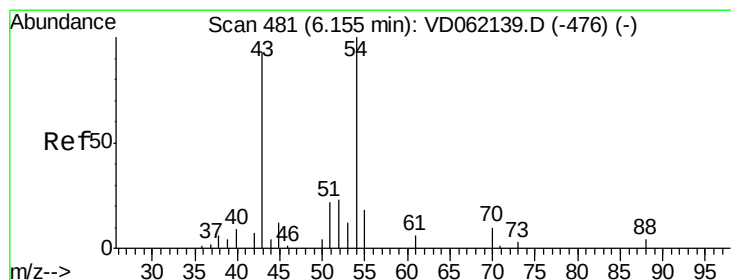
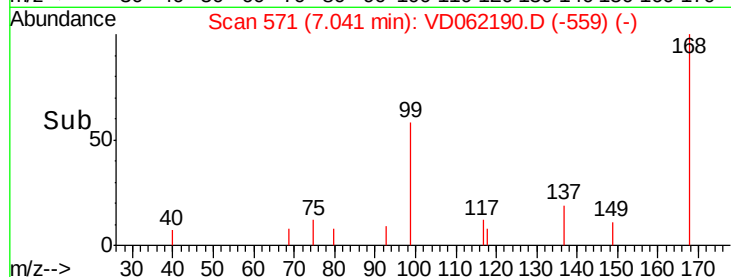
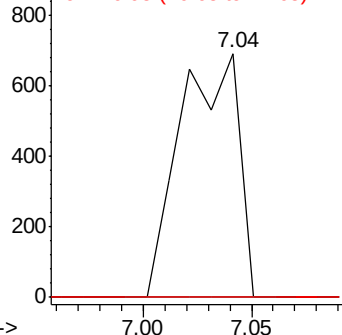
#36
 1,1-Dichloropropene
 Concen: 3.856 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.1#
77	0.0	25.6	38.4#

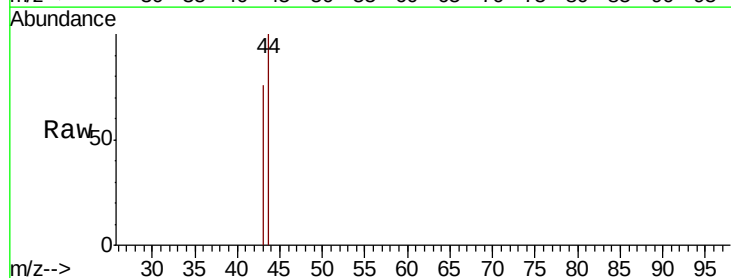


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

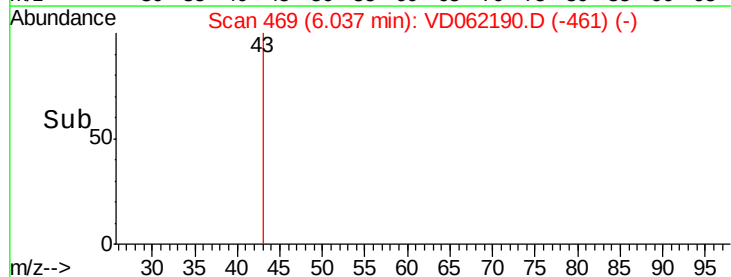
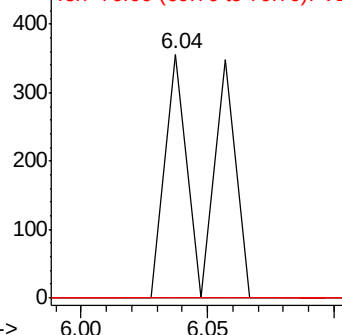


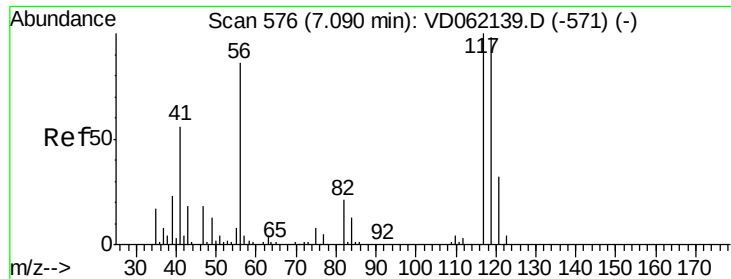
#37
 Ethyl Acetate
 Concen: 2.909 ug/l
 RT: 6.04 min Scan# 469
 Delta R.T. -0.12 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.7	22.1#
70	0.0	7.8	11.6#



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: 3.823 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0002-01RE

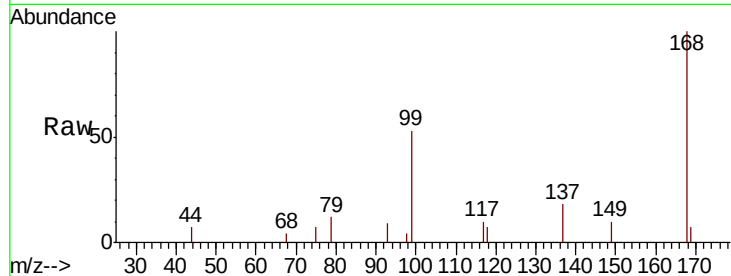
Tgt Ion:117 Resp: 1784

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

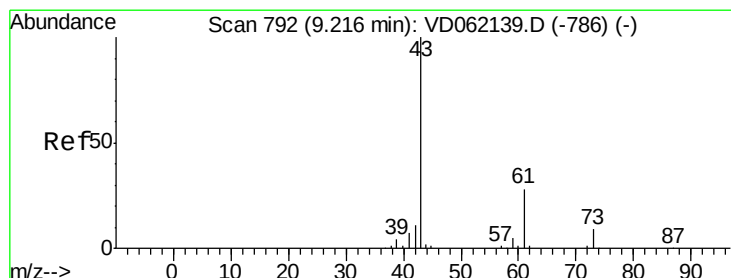
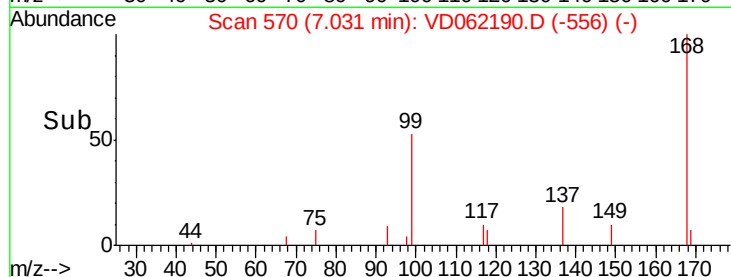
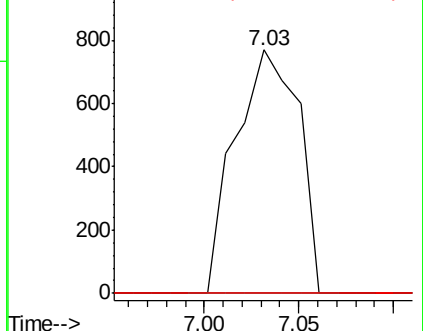
121 0.0 25.9 38.9#



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: 1.159 ug/l

RT: 9.26 min Scan# 796

Delta R.T. 0.04 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

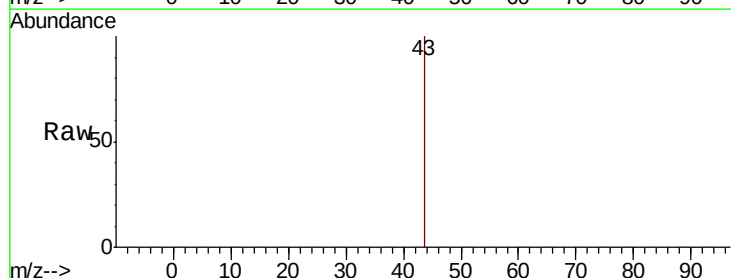
Tgt Ion: 43 Resp: 235

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

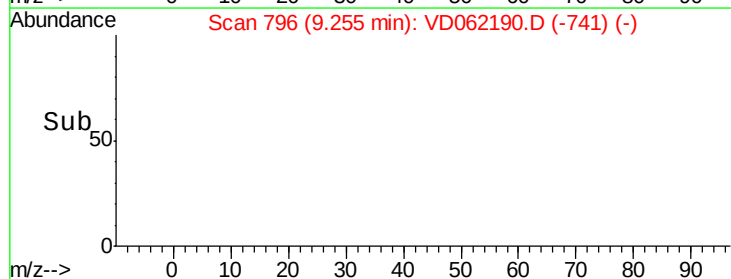
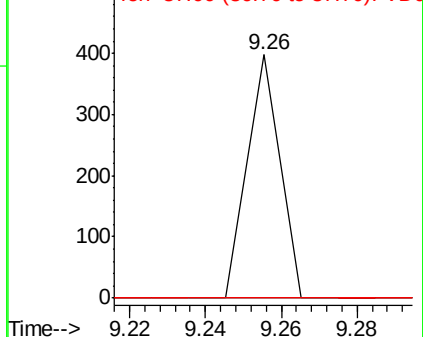
87 0.0 0.0 0.0

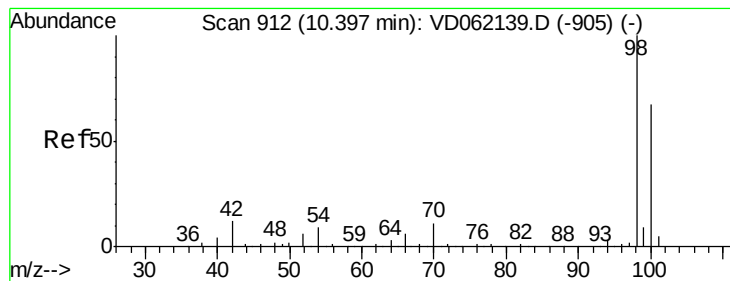


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.138 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

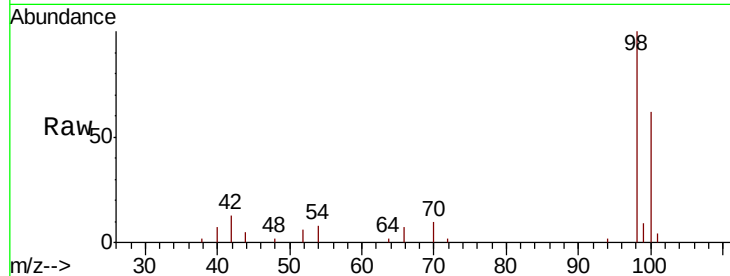
P026-SS001-0002-01RE

Tgt Ion: 98 Resp: 40424

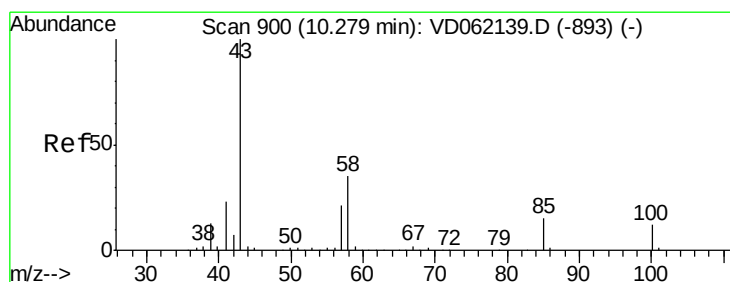
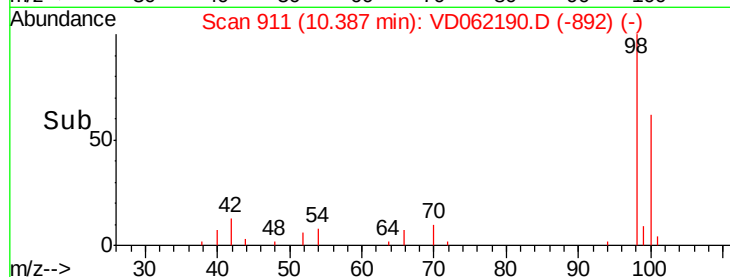
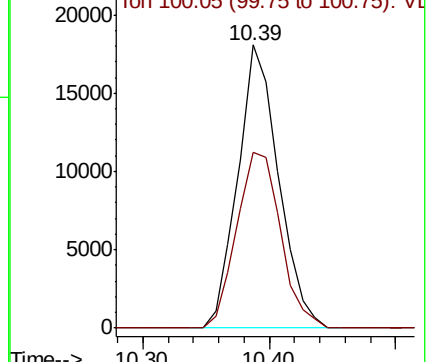
Ion Ratio Lower Upper

98 100

100 61.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)



#51

4-Methyl-2-Pentanone

Concen: 4.680 ug/l

RT: 10.28 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD062190.D

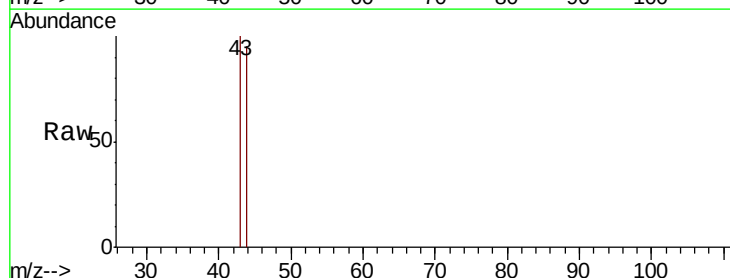
Acq: 9 May 2019 16:06

Tgt Ion: 43 Resp: 610

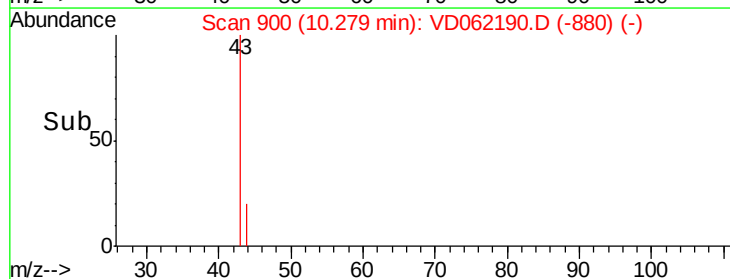
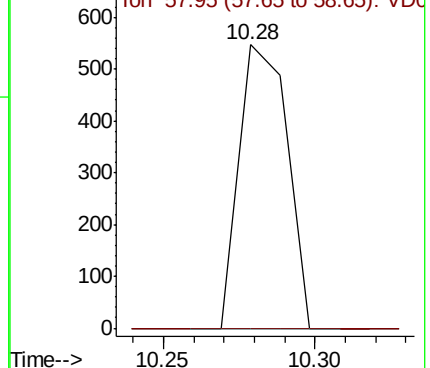
Ion Ratio Lower Upper

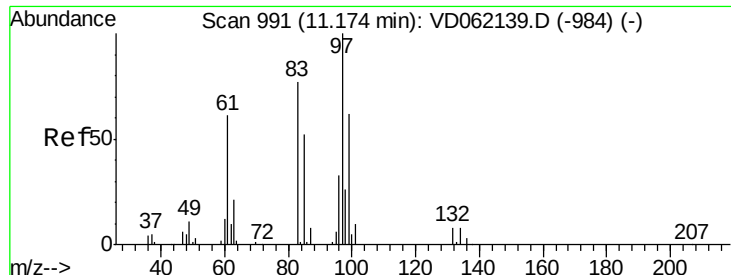
43 100

58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VD062139.D (-893) (-)

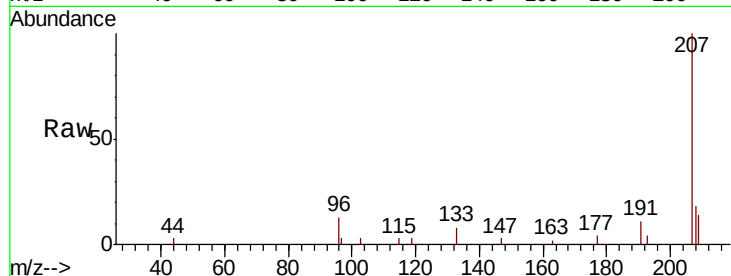




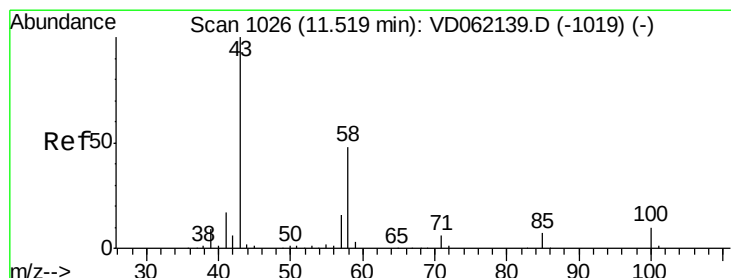
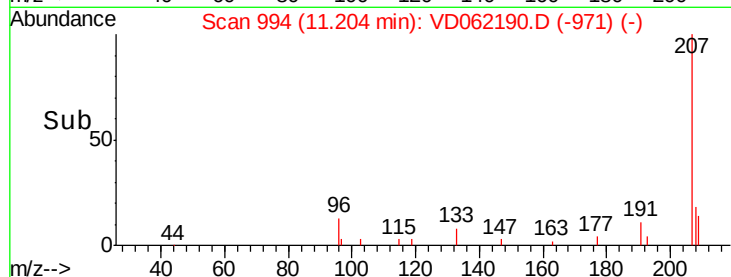
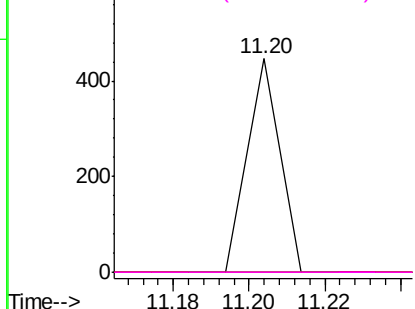
#55
 1,1,2-Trichloroethane
 Concen: 1.500 ug/l
 RT: 11.20 min Scan# 994
 Delta R.T. 0.03 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

Tgt Ion: 97 Resp: 263
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.7 98.5#
 85 0.0 45.6 68.4#
 99 0.0 48.4 72.6#

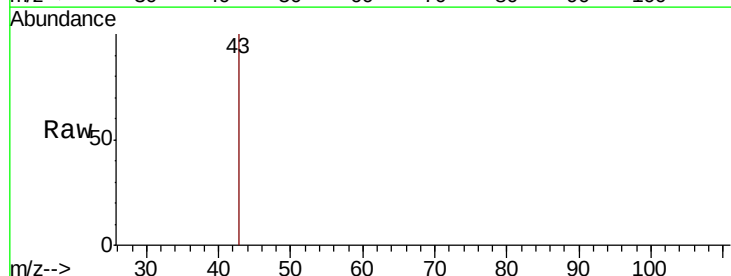


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

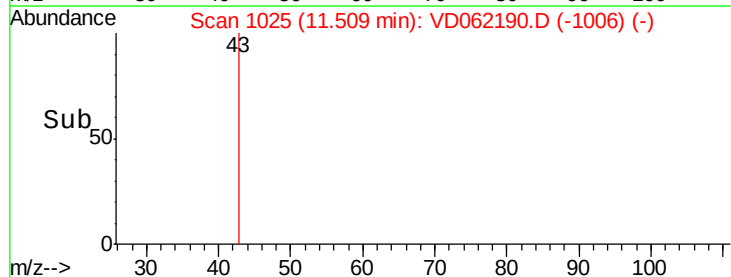
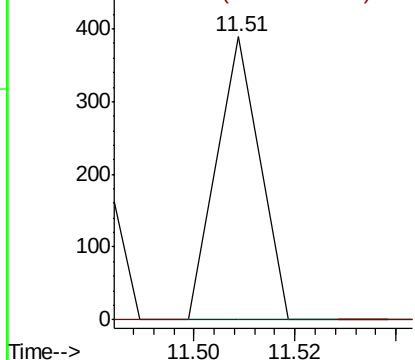


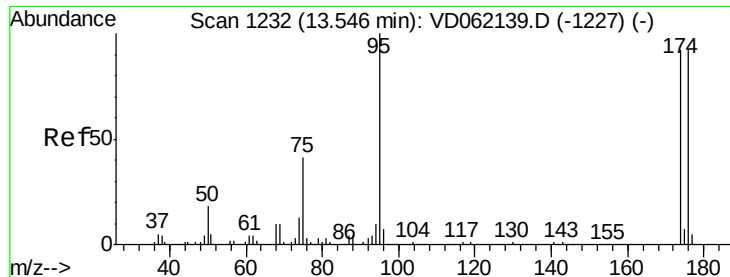
#59
 2-Hexanone
 Concen: 2.394 ug/l
 RT: 11.51 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Tgt Ion: 43 Resp: 230
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.4 76.4#



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

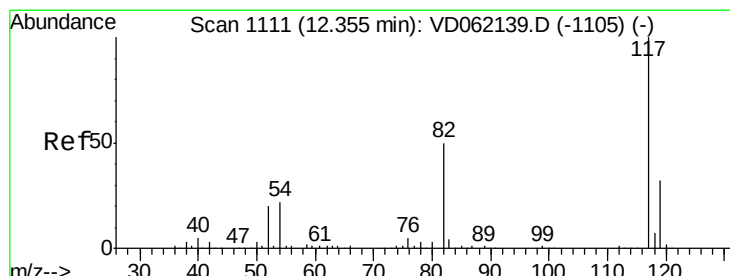
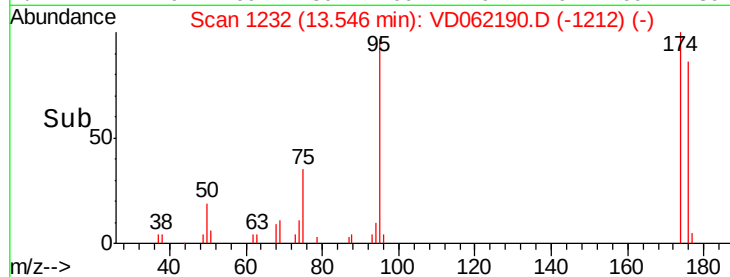
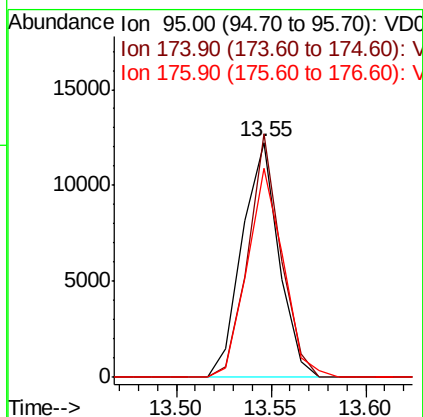
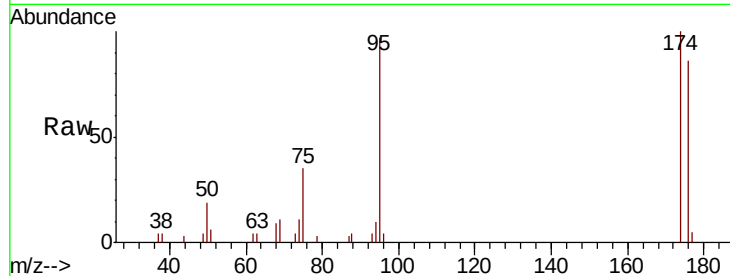




#62
4-Bromofluorobenzene
Concen: 49.756 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

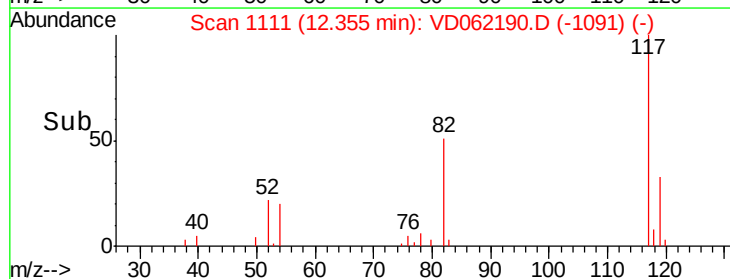
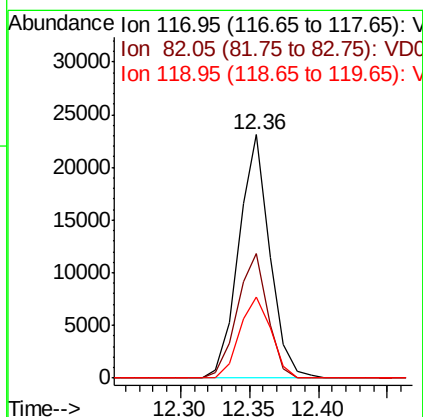
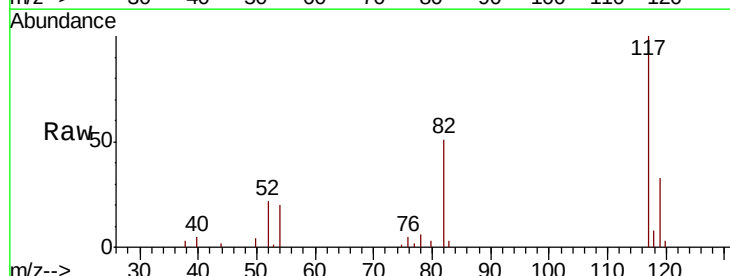
Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0002-01RE

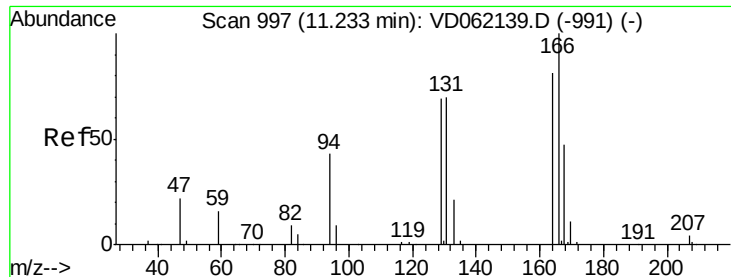
Tgt Ion: 95 Resp: 16437
Ion Ratio Lower Upper
95 100
174 103.6 0.0 181.8
176 88.8 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

Tgt Ion: 117 Resp: 36165
Ion Ratio Lower Upper
117 100
82 54.4 36.2 54.2#
119 33.5 26.2 39.4

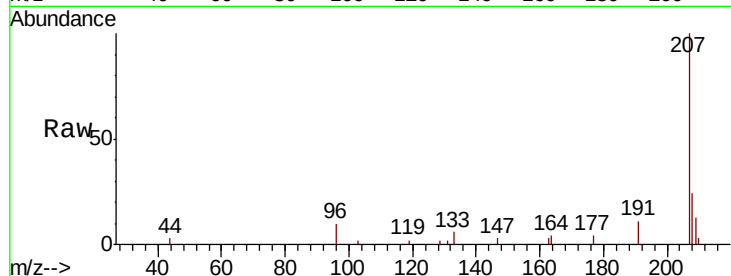




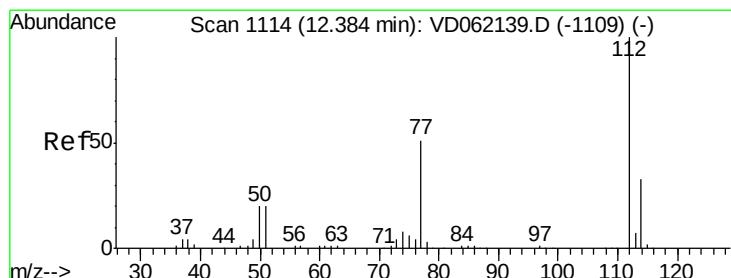
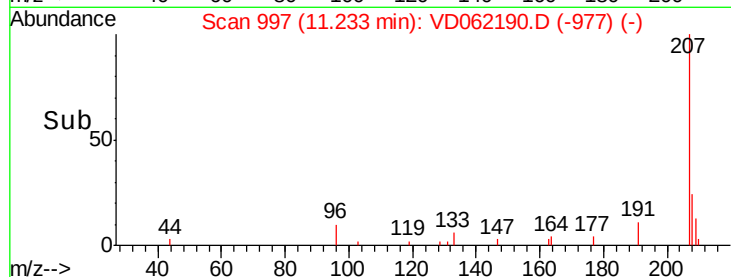
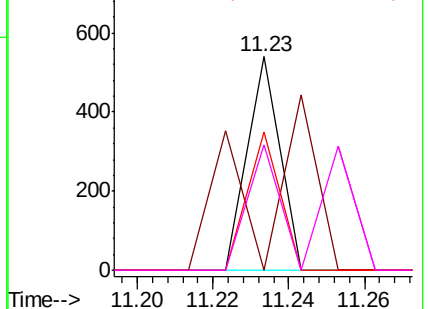
#64
Tetrachloroethene
Concen: 1.128 ug/l
RT: 11.23 min Scan# 997
Delta R.T. 0.00 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0002-01RE

Tgt Ion:164 Resp: 319
Ion Ratio Lower Upper
164 100
166 0.0 101.5 152.3#
129 64.6 74.6 112.0#
131 58.7 72.6 108.8#

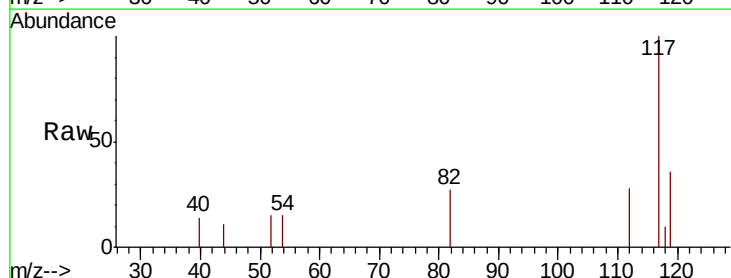


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

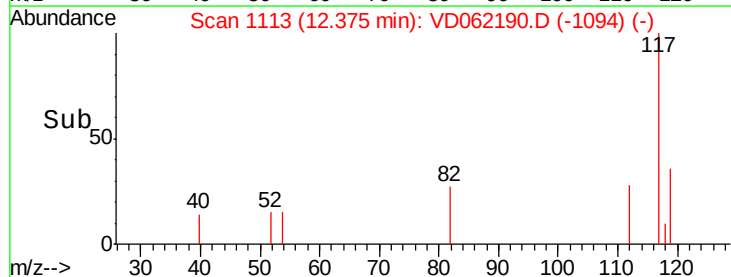
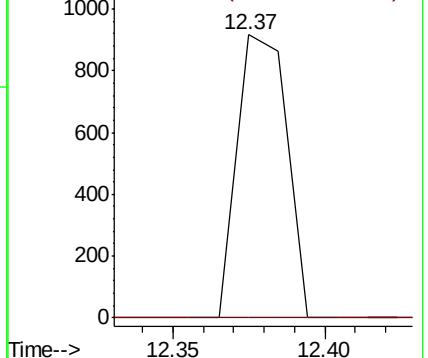


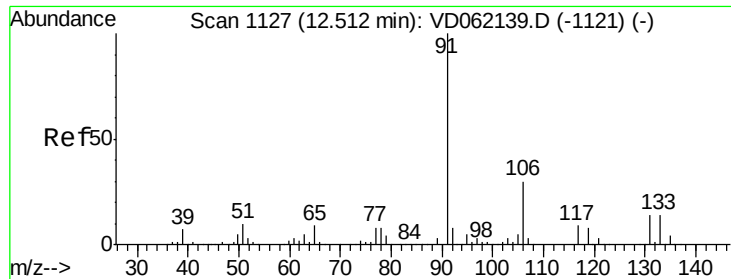
#65
Chlorobenzene
Concen: 1.560 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

Tgt Ion:112 Resp: 1051
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.8#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

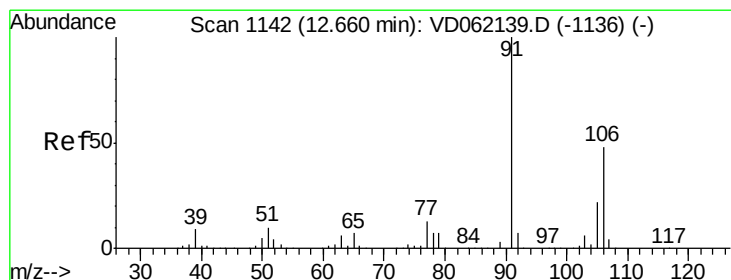
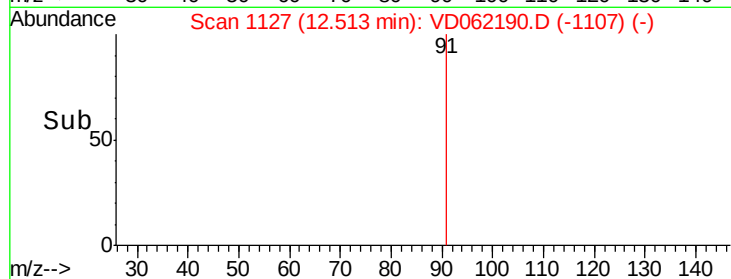
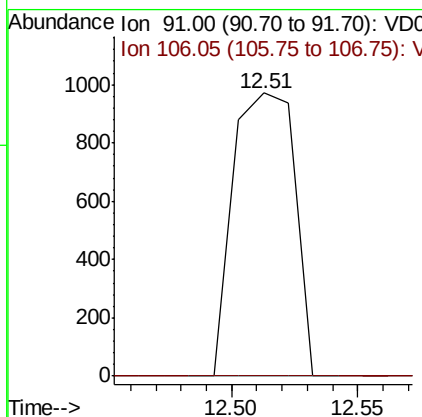
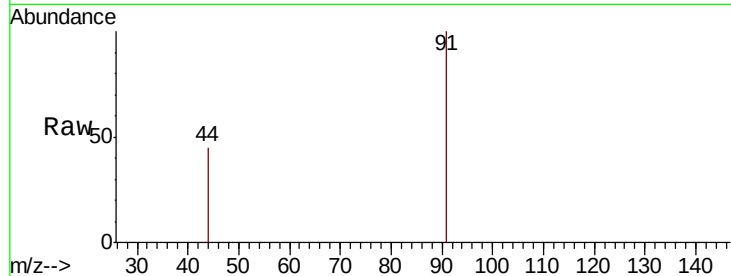




#67
Ethyl Benzene
Concen: 1.460 ug/l
RT: 12.51 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

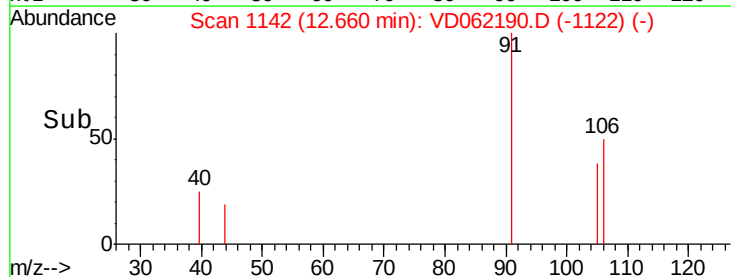
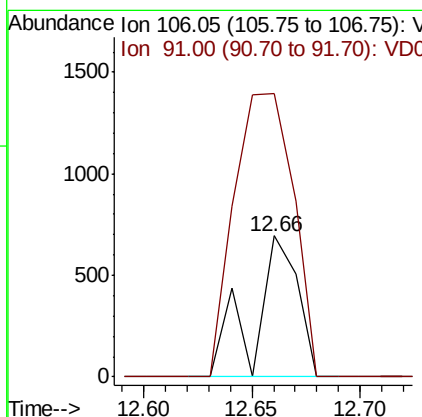
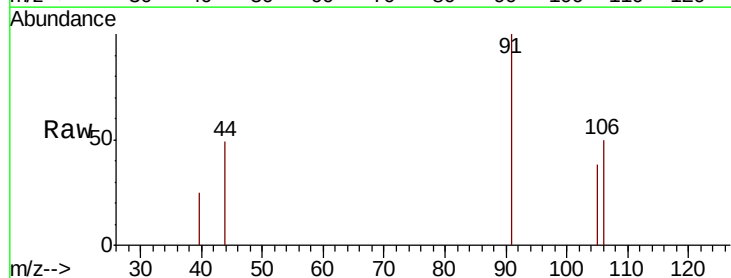
Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0002-01RE

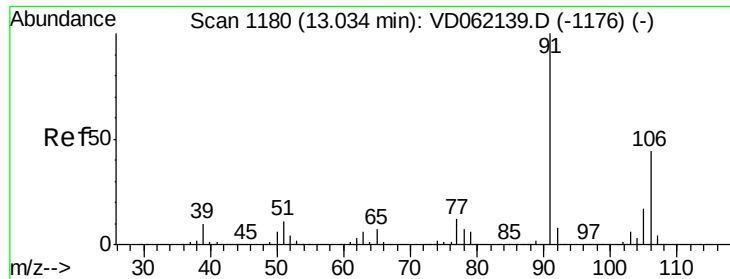
Tgt Ion: 91 Resp: 1646
Ion Ratio Lower Upper
91 100
106 0.0 24.7 37.1#



#68
m/p-Xylenes
Concen: 2.350 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

Tgt Ion: 106 Resp: 964
Ion Ratio Lower Upper
106 100
91 201.2 164.0 246.0

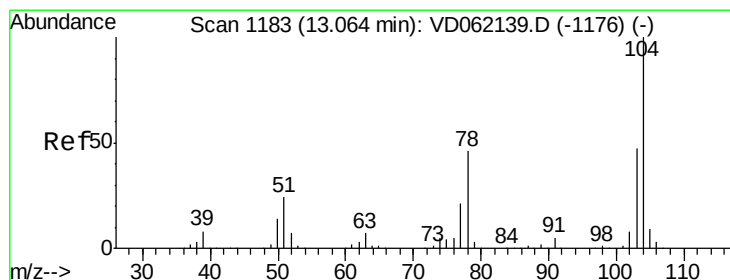
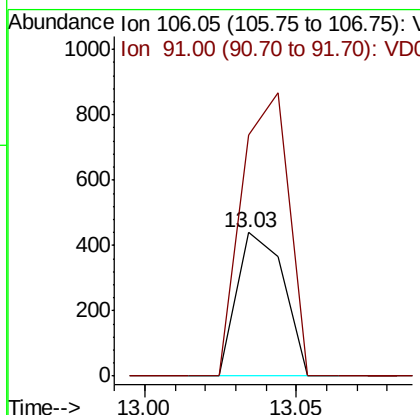
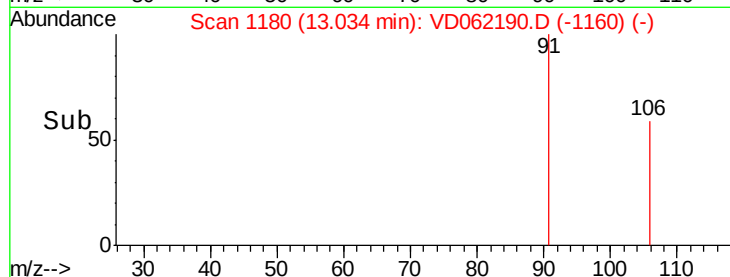
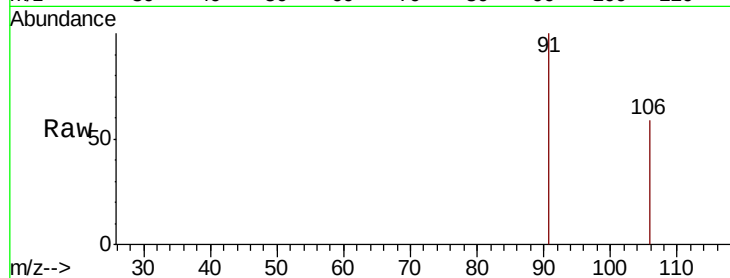




#69
o-Xylene
Concen: 1.248 ug/l
RT: 13.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

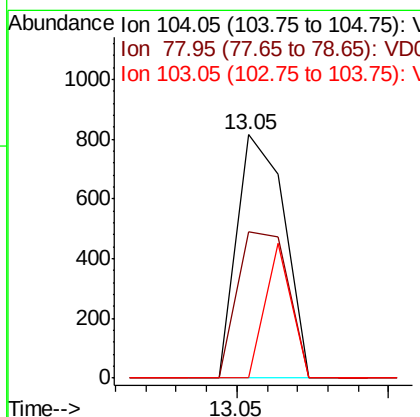
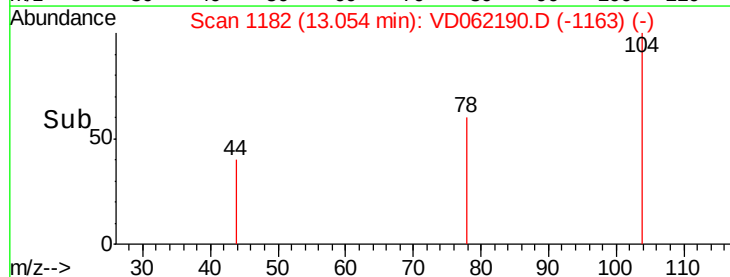
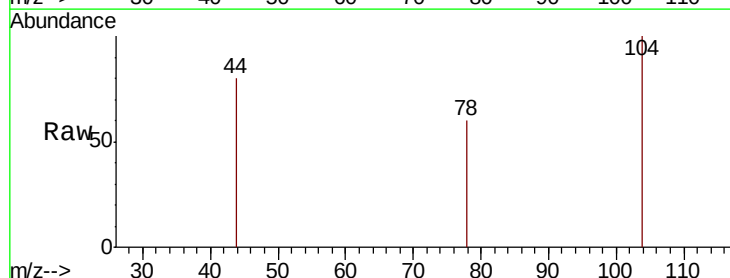
Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0002-01RE

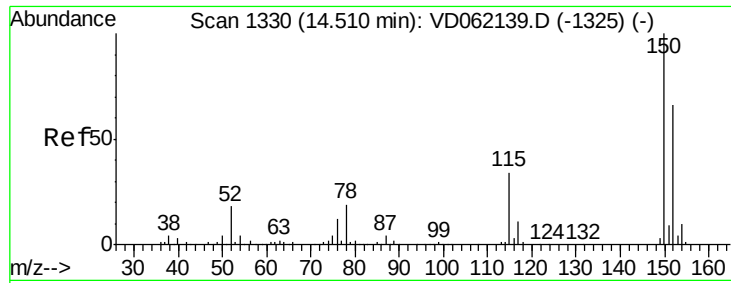
Tgt Ion:106 Resp: 476
Ion Ratio Lower Upper
106 100
91 168.6 106.7 319.9



#70
Styrene
Concen: 1.370 ug/l
RT: 13.05 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

Tgt Ion:104 Resp: 885
Ion Ratio Lower Upper
104 100
78 60.0 35.4 53.2#
103 0.0 37.5 56.3#

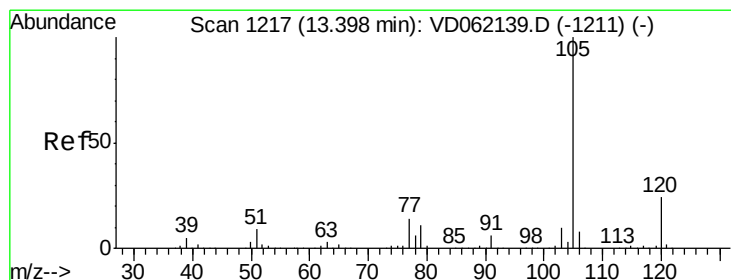
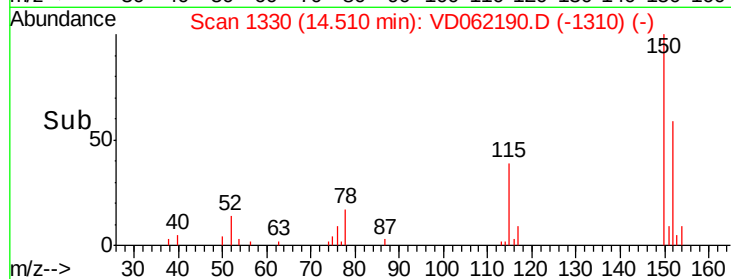
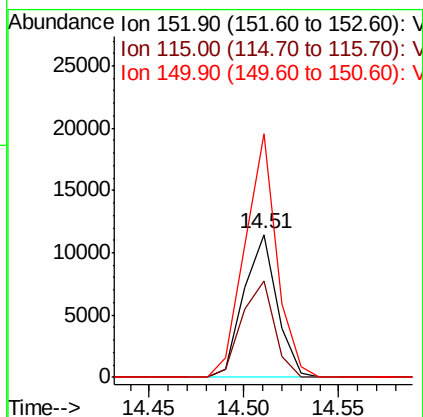
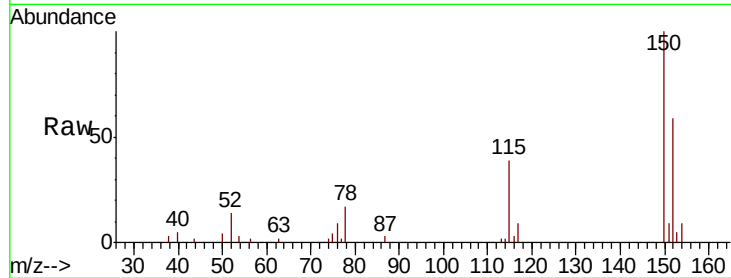




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

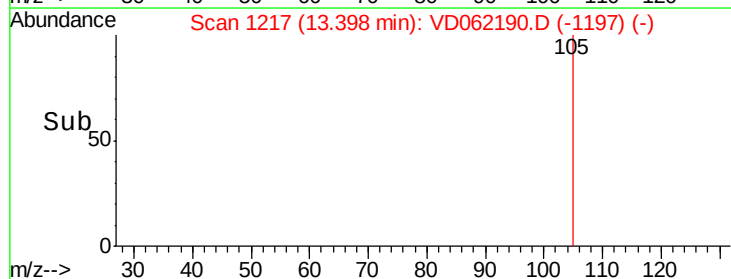
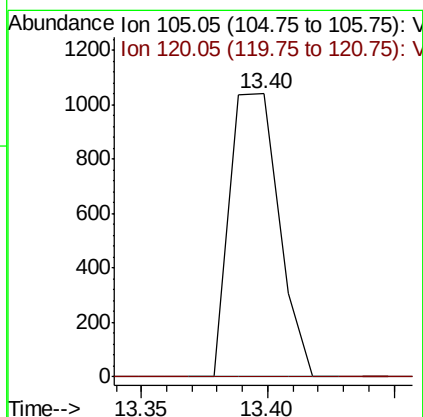
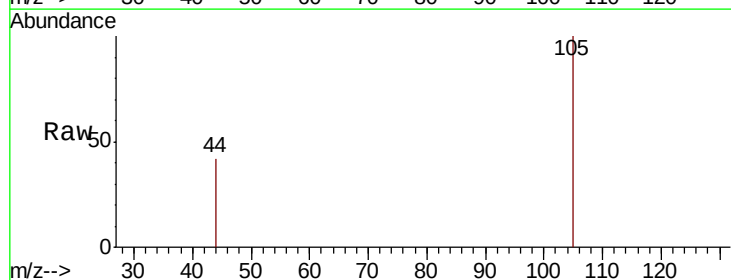
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

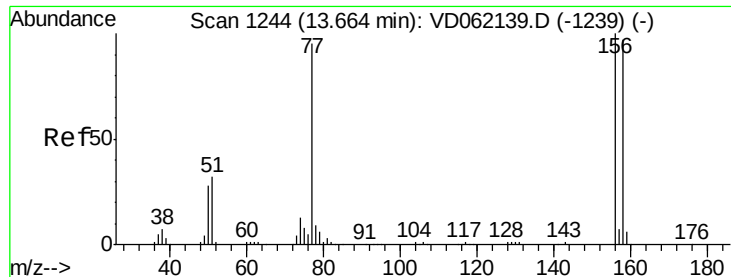
Tgt Ion:152 Resp: 13956
 Ion Ratio Lower Upper
 152 100
 115 67.3 30.9 92.7
 150 170.6 0.0 314.8



#73
 Isopropylbenzene
 Concen: 1.684 ug/l
 RT: 13.40 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Tgt Ion:105 Resp: 1409
 Ion Ratio Lower Upper
 105 100
 120 0.0 12.0 36.1#





#77

Bromobenzene

Concen: 2.374 ug/l

RT: 13.65 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0002-01RE

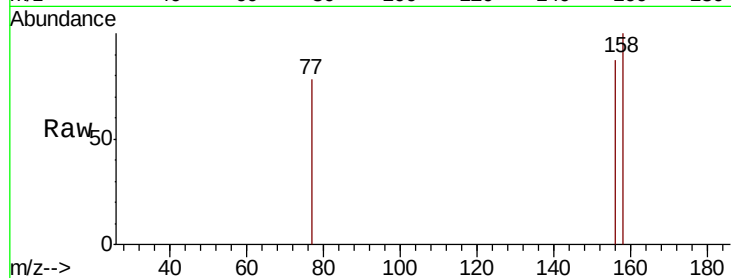
Tgt Ion:156 Resp: 556

Ion Ratio Lower Upper

156 100

77 89.5 53.1 159.4

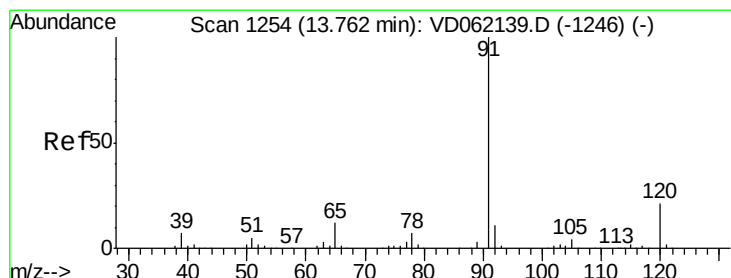
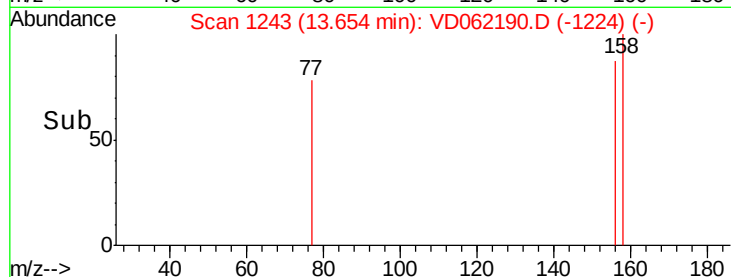
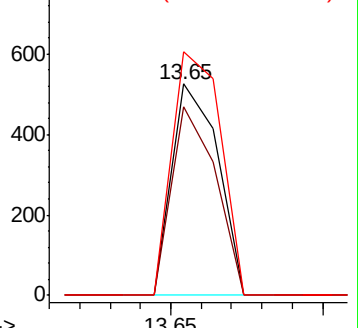
158 115.4 49.4 148.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 2.240 ug/l

RT: 13.76 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD062190.D

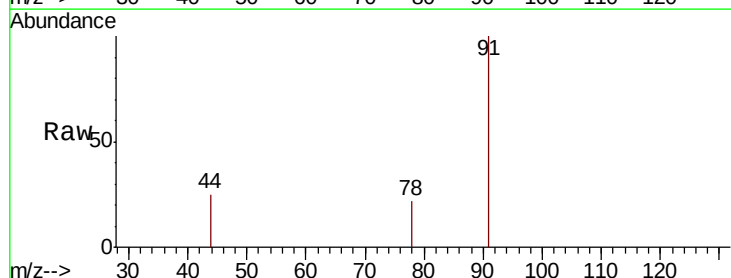
Acq: 9 May 2019 16:06

Tgt Ion: 91 Resp: 2235

Ion Ratio Lower Upper

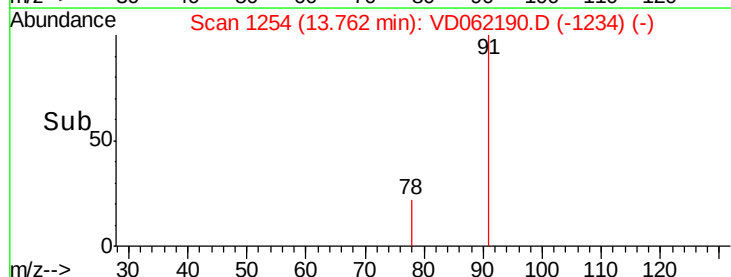
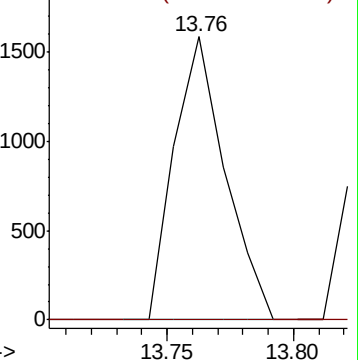
91 100

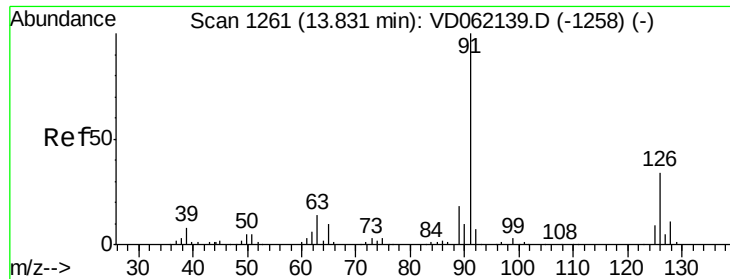
120 0.0 11.1 33.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 2.413 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

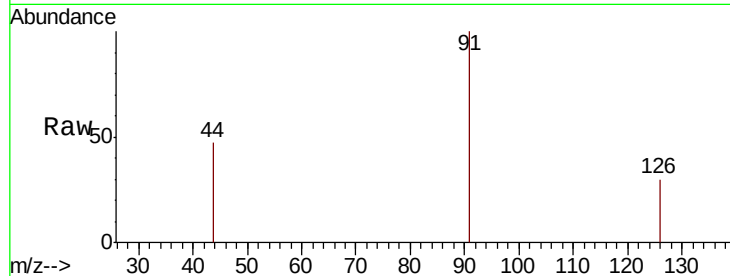
P026-SS001-0002-01RE

Tgt Ion: 91 Resp: 1379

Ion Ratio Lower Upper

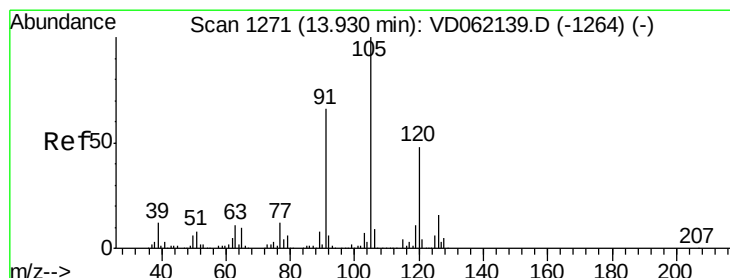
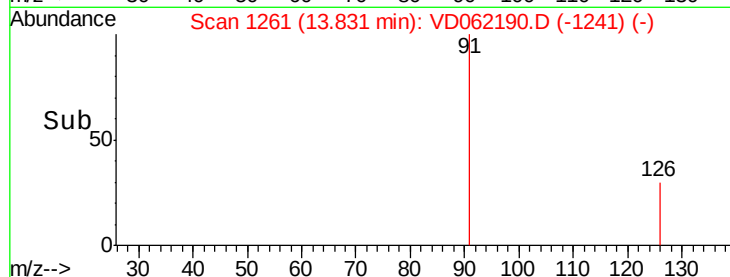
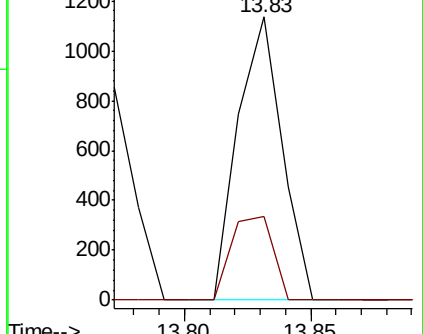
91 100

126 29.6 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 1.607 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062190.D

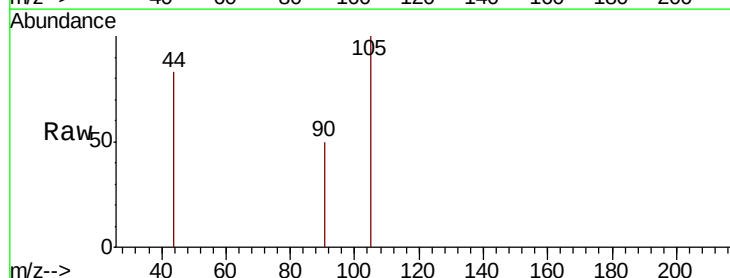
Acq: 9 May 2019 16:06

Tgt Ion: 105 Resp: 1132

Ion Ratio Lower Upper

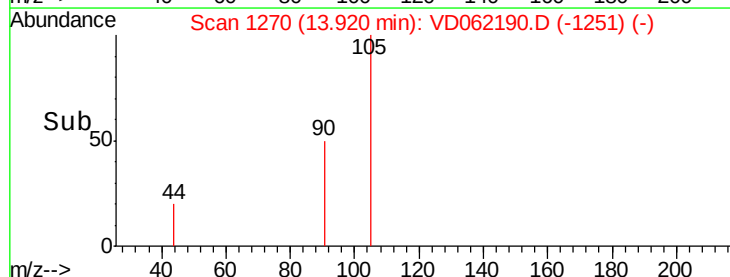
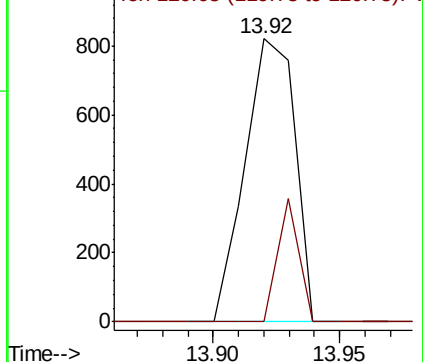
105 100

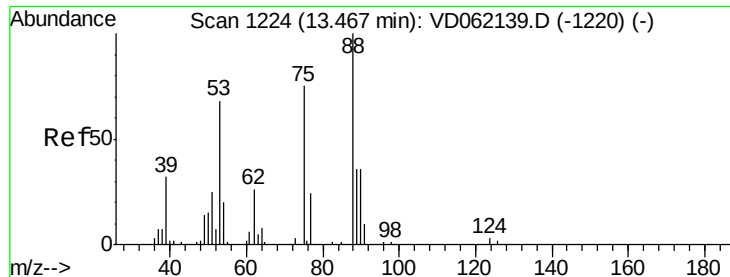
120 0.0 24.0 72.0#



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: 140.959 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0002-01RE

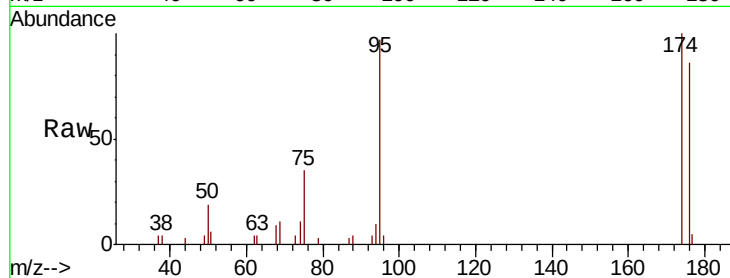
Tgt Ion: 75 Resp: 6600

Ion Ratio Lower Upper

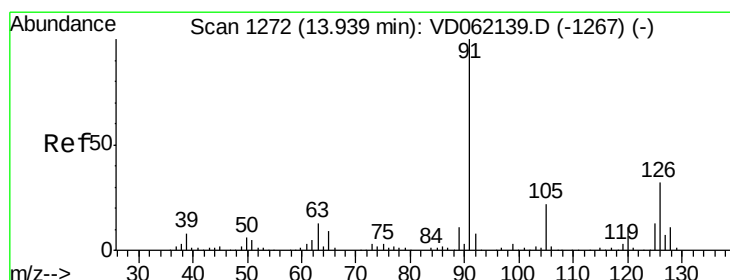
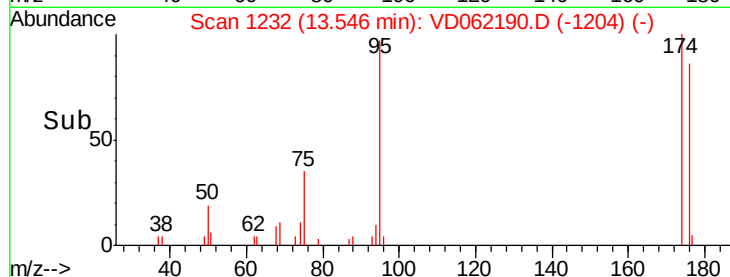
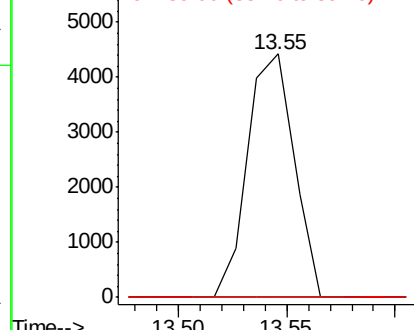
75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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



#82

4-Chlorotoluene

Concen: 2.467 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD062190.D

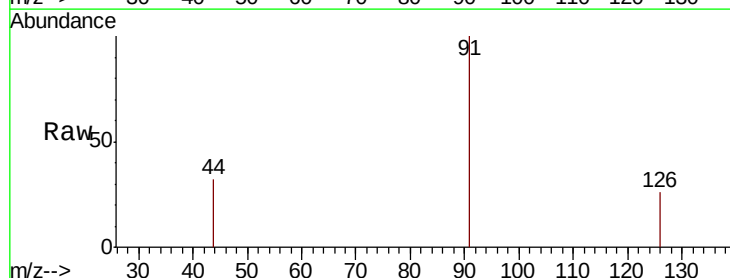
Acq: 9 May 2019 16:06

Tgt Ion: 91 Resp: 1659

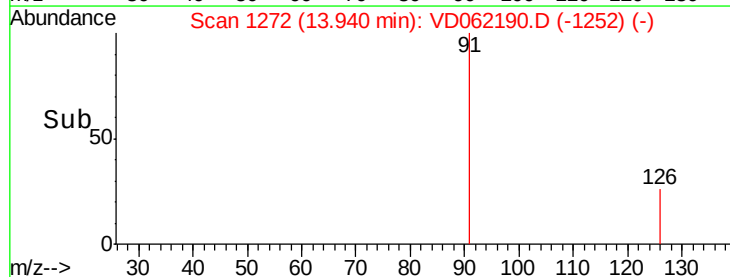
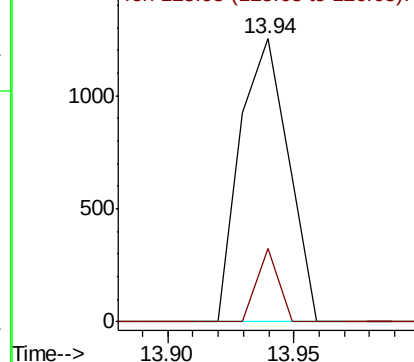
Ion Ratio Lower Upper

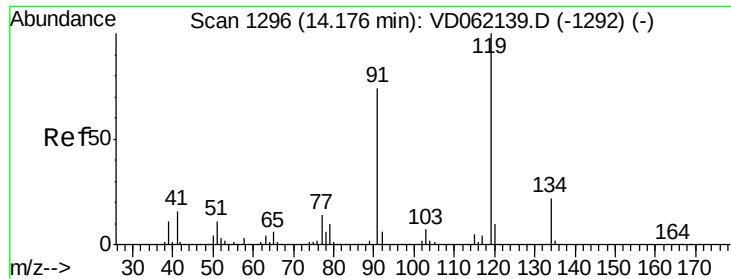
91 100

126 25.7 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

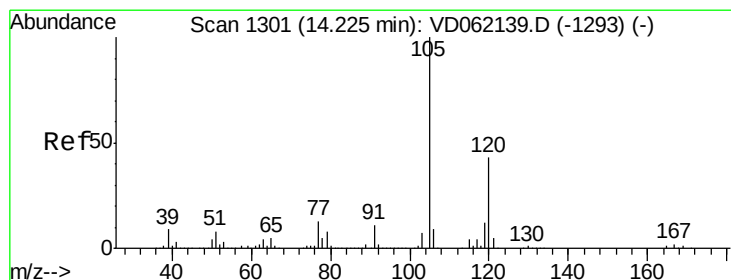
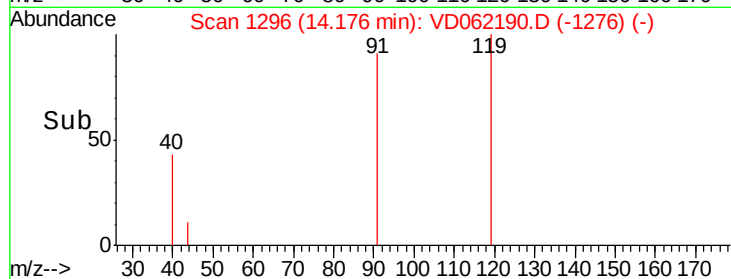
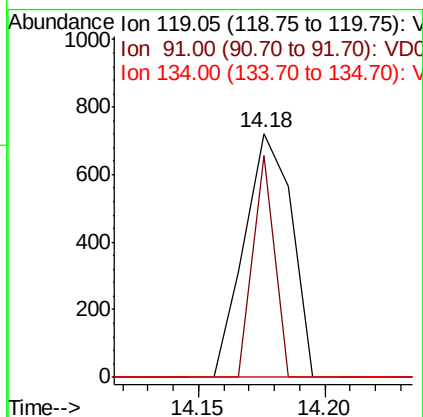
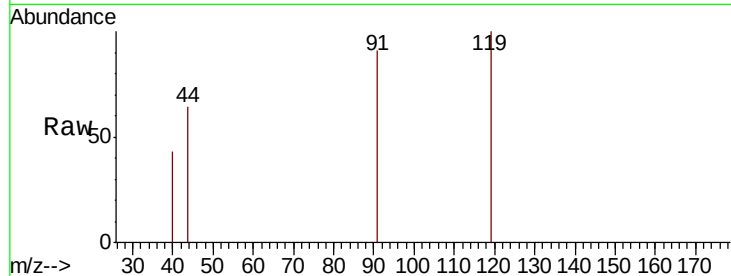




#83
 tert-Butylbenzene
 Concen: 1.191 ug/l
 RT: 14.18 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

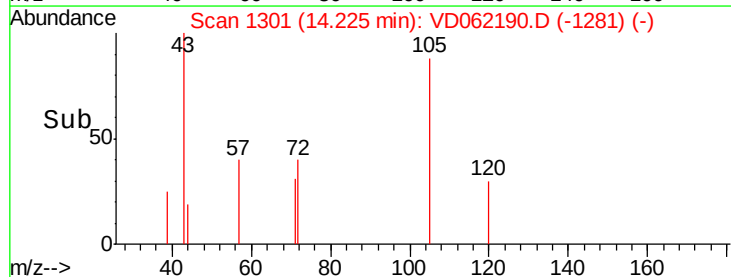
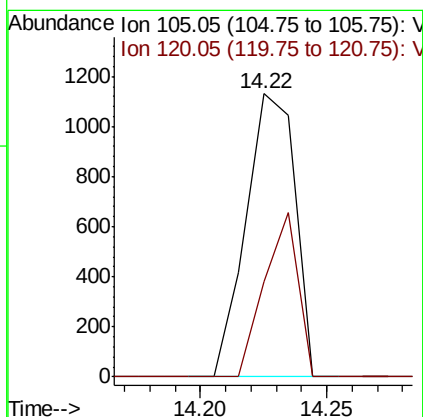
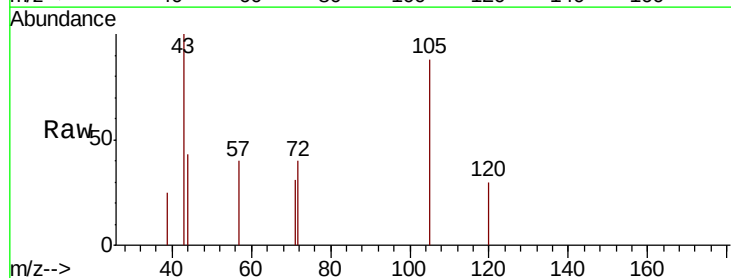
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

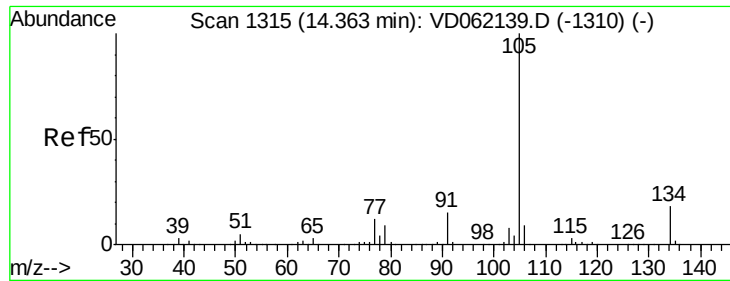
Tgt Ion:119 Resp: 943
 Ion Ratio Lower Upper
 119 100
 91 91.1 34.2 102.6
 134 0.0 12.0 36.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.164 ug/l
 RT: 14.22 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Tgt Ion:105 Resp: 1530
 Ion Ratio Lower Upper
 105 100
 120 33.5 23.1 69.2

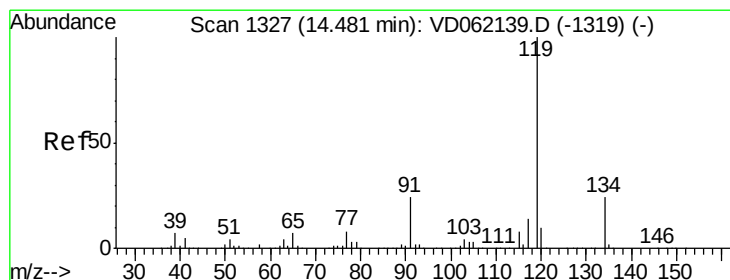
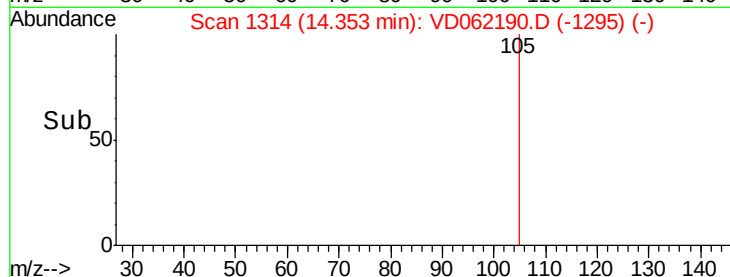
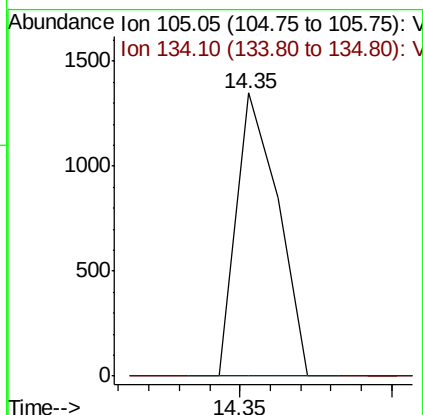
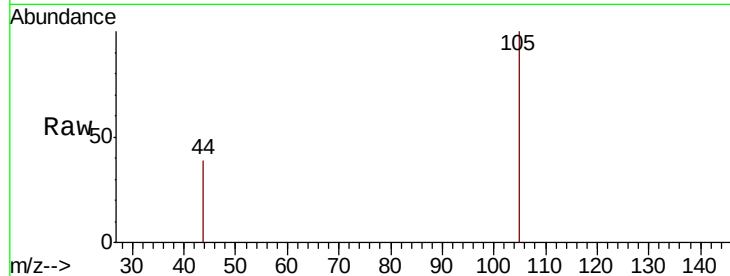




#85
 sec-Butylbenzene
 Concen: 1.494 ug/l
 RT: 14.35 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

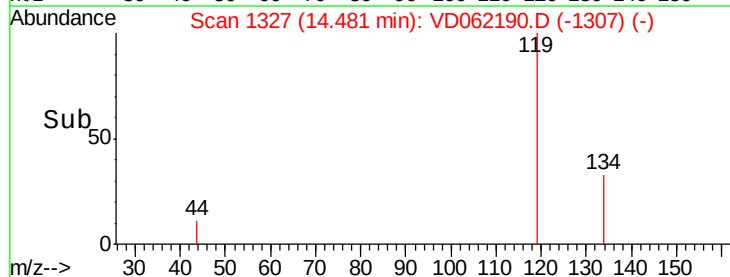
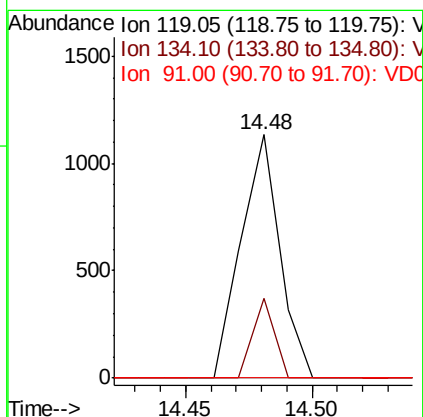
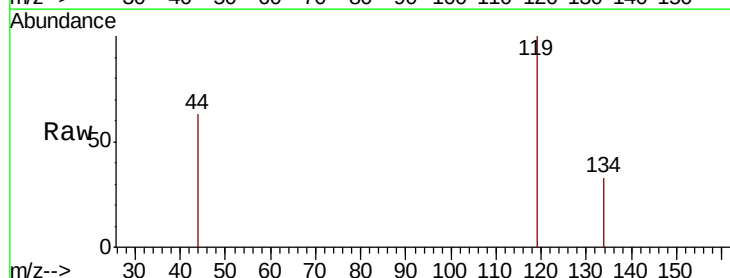
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

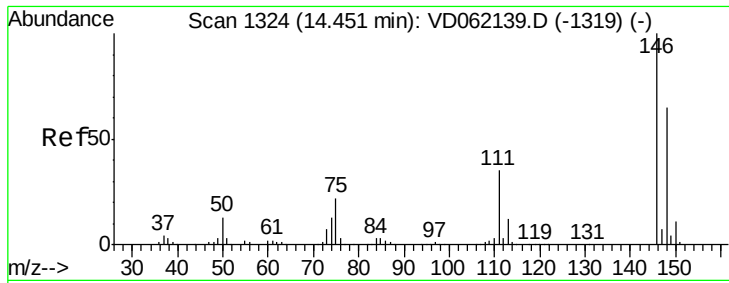
Tgt Ion:105 Resp: 1297
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.9 26.7#



#86
 p-Isopropyltoluene
 Concen: 1.555 ug/l
 RT: 14.48 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Tgt Ion:119 Resp: 1206
 Ion Ratio Lower Upper
 119 100
 134 32.9 12.8 38.3
 91 0.0 10.7 32.1#

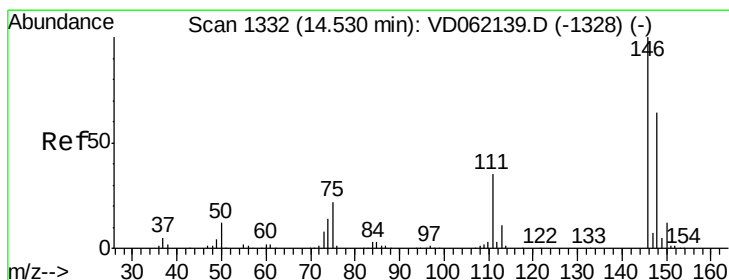
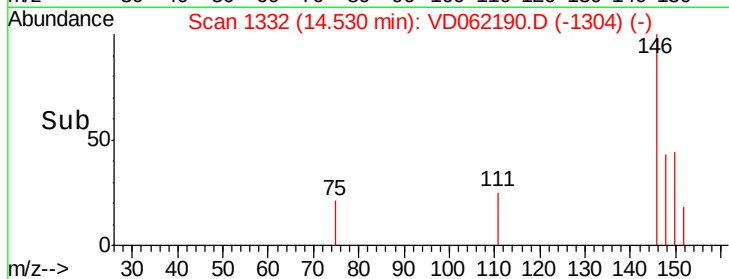
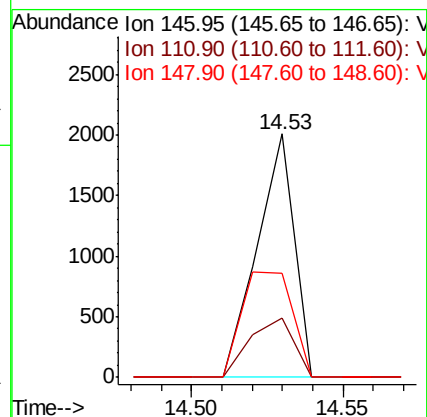
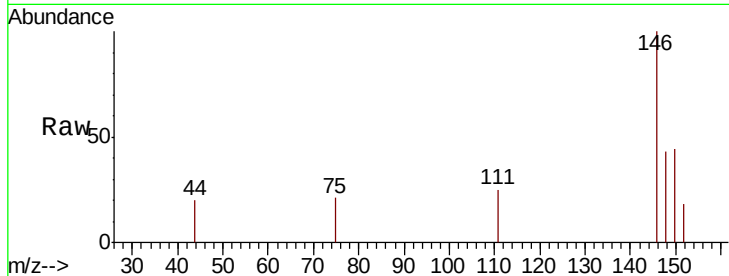




#87
 1,3-Dichlorobenzene
 Concen: 4.025 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.08 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

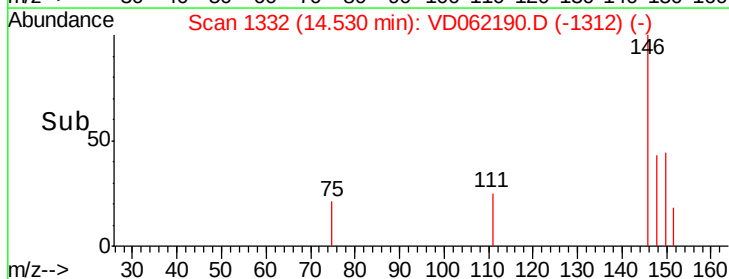
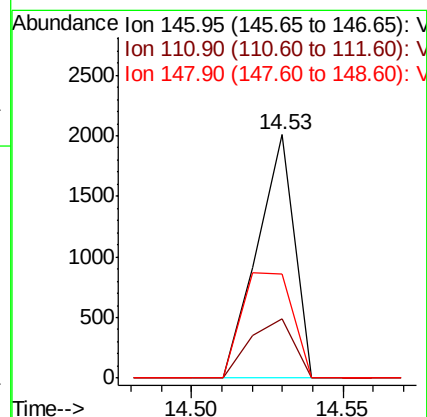
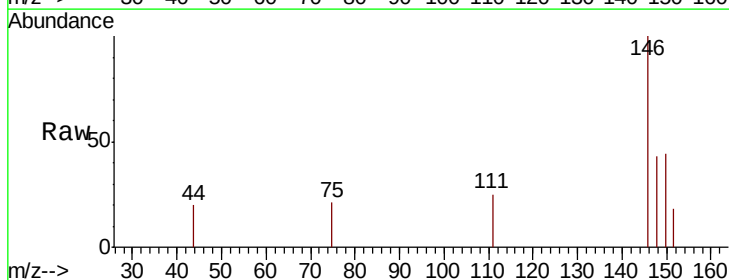
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

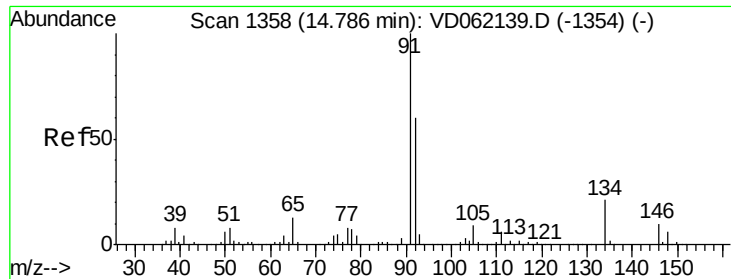
Tgt Ion:146 Resp: 1722
 Ion Ratio Lower Upper
 146 100
 111 24.5 20.0 60.0
 148 42.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 4.097 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Tgt Ion:146 Resp: 1722
 Ion Ratio Lower Upper
 146 100
 111 24.5 20.2 60.5
 148 42.9 32.0 96.2





#89

n-Butylbenzene

Concen: 2.028 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

P026-SS001-0002-01RE

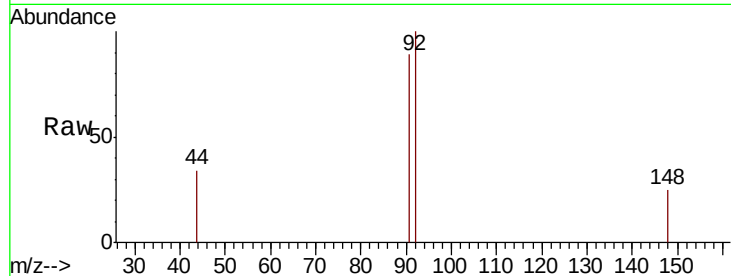
Tgt Ion: 91 Resp: 1412

Ion Ratio Lower Upper

91 100

92 111.8 30.3 91.0#

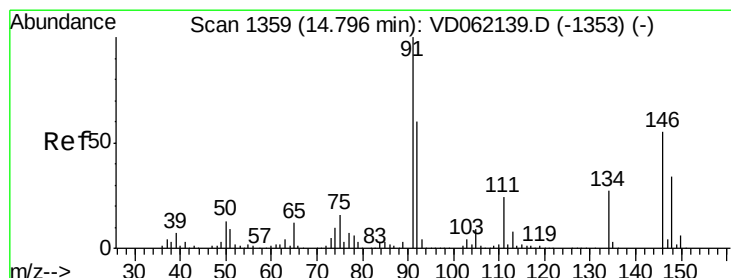
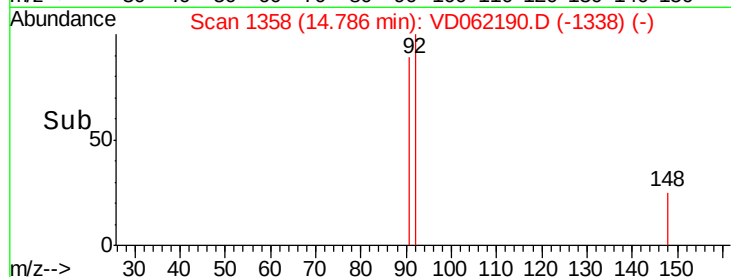
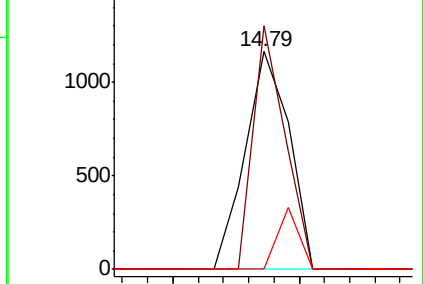
134 0.0 14.5 43.6#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#91

1,2-Dichlorobenzene

Concen: 3.136 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

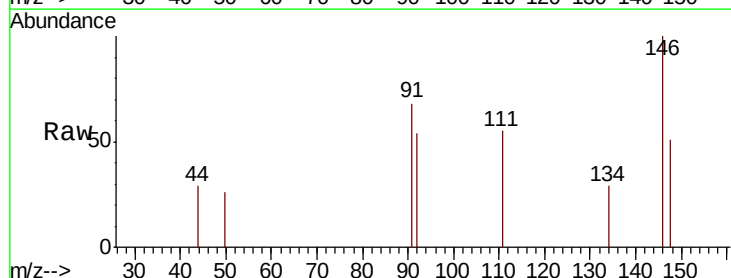
Tgt Ion: 146 Resp: 1105

Ion Ratio Lower Upper

146 100

111 55.4 20.0 59.9

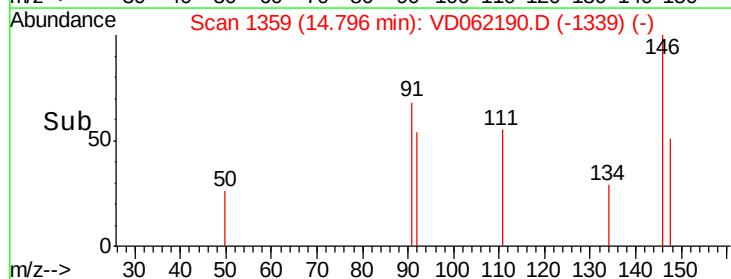
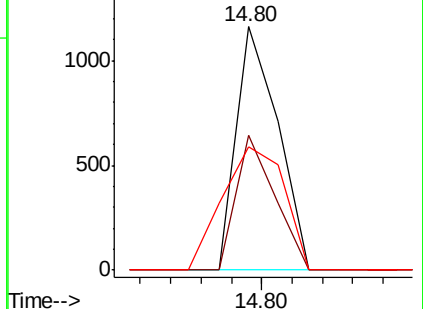
148 50.6 32.3 96.8

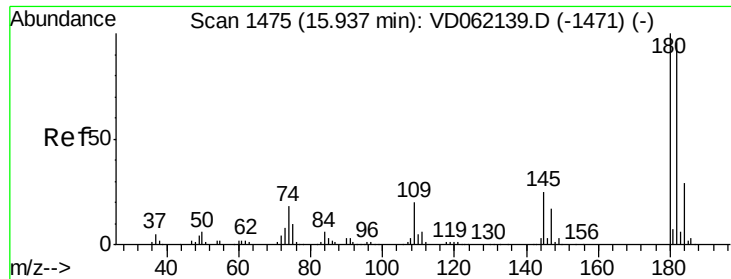


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

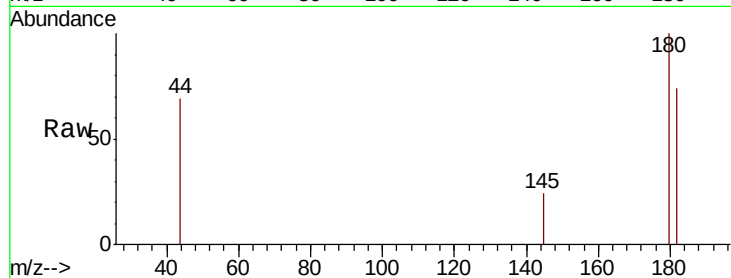




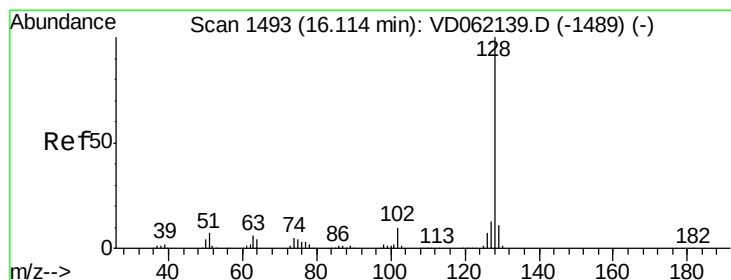
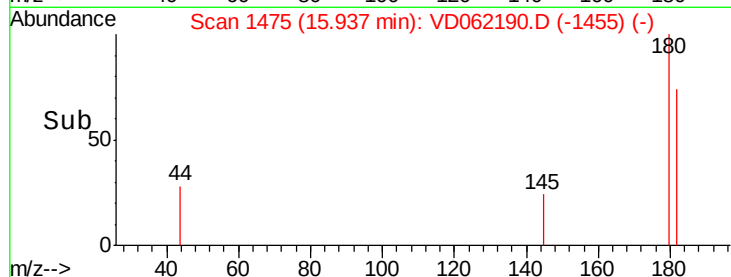
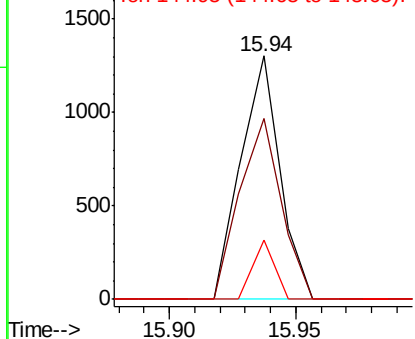
#93
 1,2,4-Trichlorobenzene
 Concen: 5.475 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

Tgt Ion:180 Resp: 1404
 Ion Ratio Lower Upper
 180 100
 182 74.4 49.3 147.8
 145 24.3 16.2 48.6

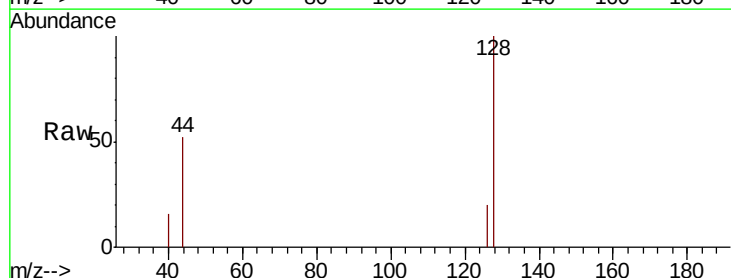


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

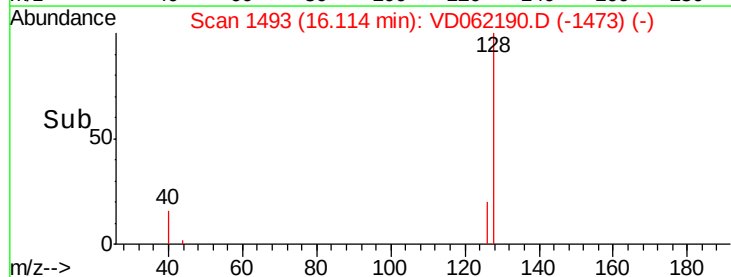
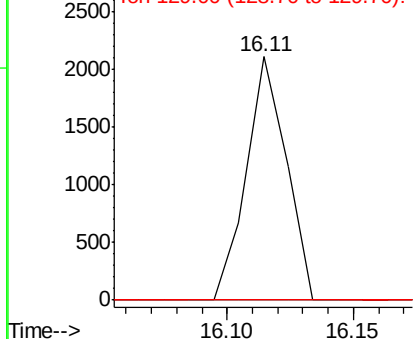


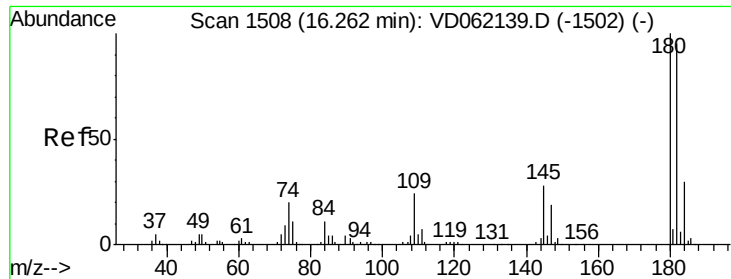
#95
 Naphthalene
 Concen: 6.497 ug/l
 RT: 16.11 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Tgt Ion:128 Resp: 2326
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.8 14.8#
 129 0.0 8.8 13.2#



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: 2.561 ug/l
 RT: 16.26 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

Tgt Ion:180 Resp: 413
 Ion Ratio Lower Upper
 180 100
 182 79.4 47.0 141.0
 145 58.2 17.0 51.0#

