

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055626.D
 Acq On : 17 May 2019 21:29
 Operator : JC/SP
 Sample : K2823-04
 Misc : 5.62µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 03:12:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	332253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	475045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	405303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178434	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	158356	43.48	ug/l	0.00
Spiked Amount			Recovery	=	86.96%	
35) Dibromofluoromethane	7.59	113	143474	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	10.09	98	552804	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	182966	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	289	2.192	ug/l #	78
17) Carbon Disulfide	4.03	76	2426	0.288	ug/l #	75
31) Cyclohexane	7.66	56	6833	1.265	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	19887	4.696	ug/l #	48
38) Carbon Tetrachloride	7.67	117	28200	6.231	ug/l #	15
39) Methylcyclohexane	9.08	83	2191	0.429	ug/l	89
48) Methyl methacrylate	9.22	41	726	0.244	ug/l #	25
51) 4-Methyl-2-Pentanone	10.01	43	1225	0.314	ug/l #	72
55) 1,1,2-Trichloroethane	10.53	97	3472	1.079	ug/l #	23
59) 2-Hexanone	10.76	43	1022	0.372	ug/l #	29
67) Ethyl Benzene	11.51	91	3192	0.219	ug/l	93
68) m/p-Xylenes	11.62	106	2321	0.421	ug/l	83
71) Bromoform	12.40	173	954	0.341	ug/l #	1
73) Isopropylbenzene	12.25	105	3317	Below Cal		97
74) N-amyl acetate	12.04	43	5942	1.186	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.49	83	252	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	85427	23.463	ug/l #	100
78) n-propylbenzene	12.59	91	10312	0.651	ug/l	96
79) 2-Chlorotoluene	12.78	91	1981	Below Cal		96
80) 1,3,5-Trimethylbenzene	12.73	105	1499	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	85427	60.313	ug/l #	17
82) 4-Chlorotoluene	12.78	91	1981	0.212	ug/l	97
83) tert-Butylbenzene	12.99	119	898	Below Cal	#	55
84) 1,2,4-Trimethylbenzene	13.04	105	1793	Below Cal		92
85) sec-Butylbenzene	13.17	105	3640	Below Cal		83
86) p-Isopropyltoluene	13.29	119	2309	Below Cal	#	66
87) 1,3-Dichlorobenzene	13.28	146	1331	0.220	ug/l	84
88) 1,4-Dichlorobenzene	13.28	146	1331	0.230	ug/l	84
89) n-Butylbenzene	13.62	91	6440	0.658	ug/l	86
90) Hexachloroethane	13.89	117	728	Below Cal	#	3
93) 1,2,4-Trichlorobenzene	14.91	180	2615	0.851	ug/l #	44
94) Hexachlorobutadiene	15.01	225	1223	Below Cal		89
95) Naphthalene	15.13	128	13365	3.154	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.31	180	3034	0.944	ug/l #	53

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Instrument :
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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

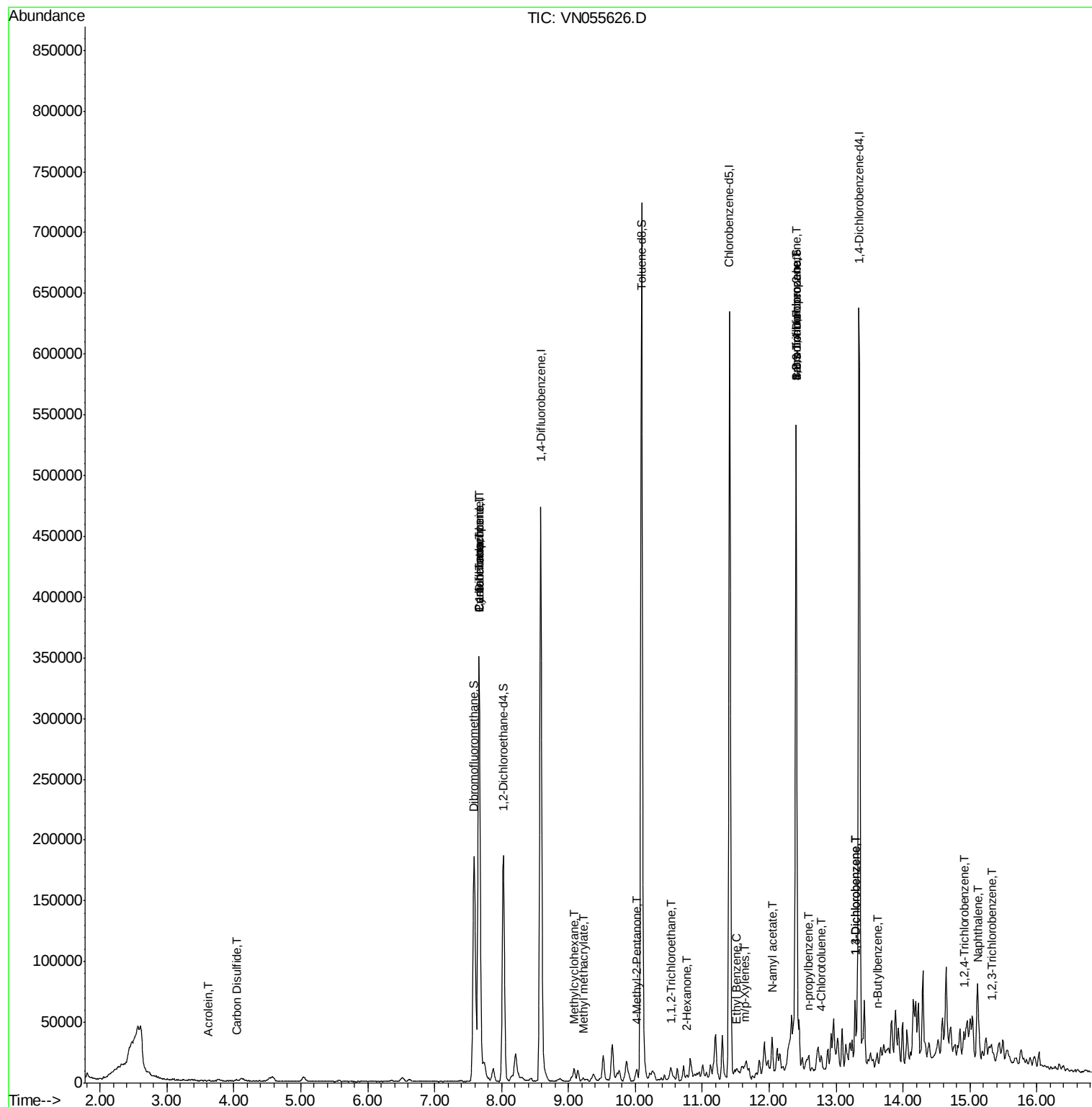
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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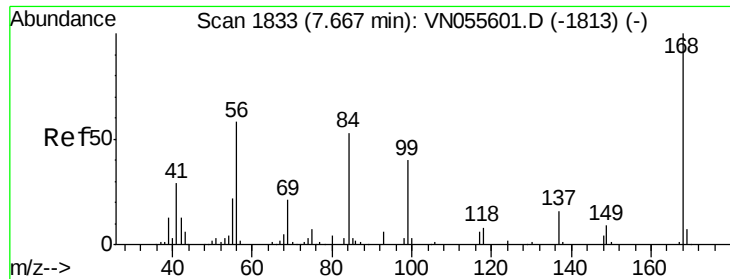
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

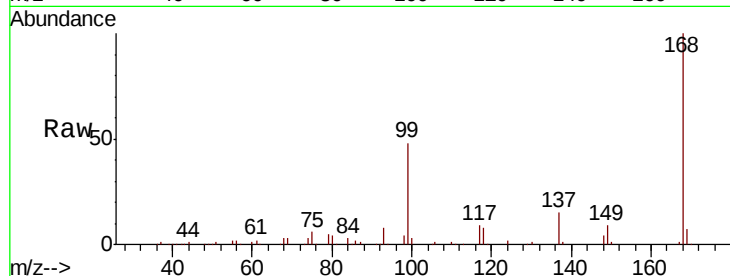
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 332253

Ion Ratio Lower Upper

168 100

99 48.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

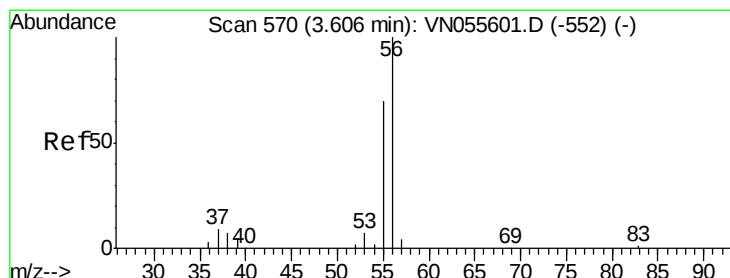
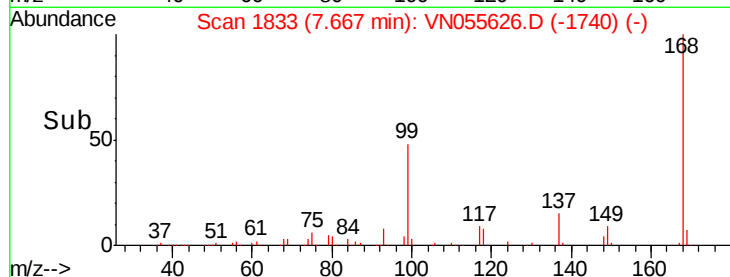
100000

50000

0

Time-->

7.60 7.70 7.80



#13

Acrolein

Concen: 2.192 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN055626.D

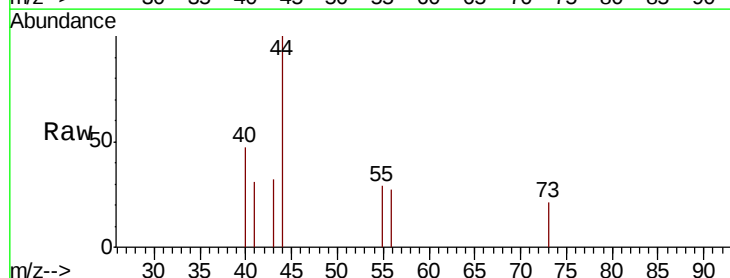
Acq: 17 May 2019 21:29

Tgt Ion: 56 Resp: 289

Ion Ratio Lower Upper

56 100

55 52.2 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.61

300

250

200

150

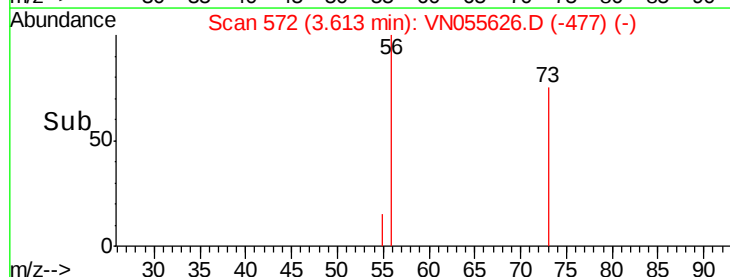
100

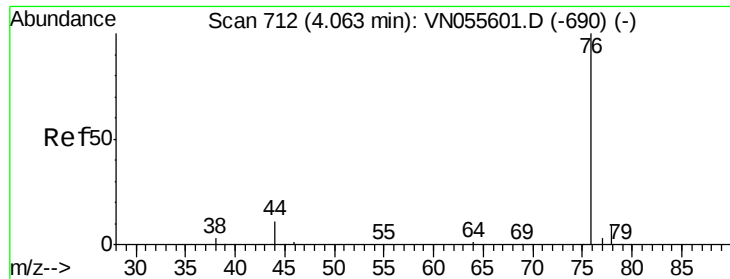
50

0

Time-->

3.60 3.62 3.64

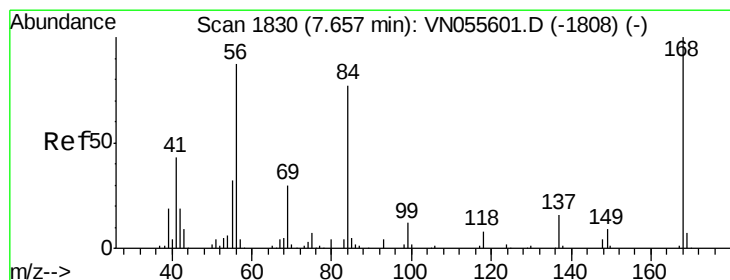
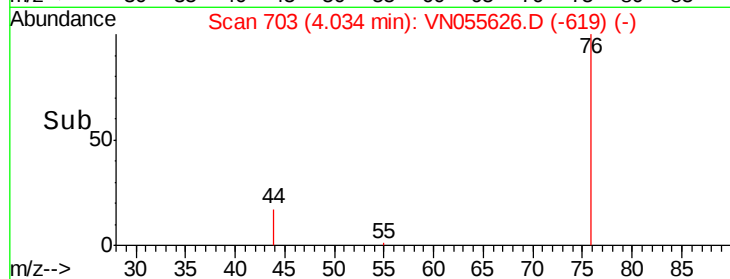
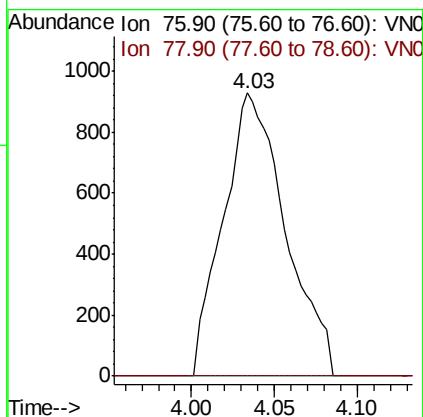
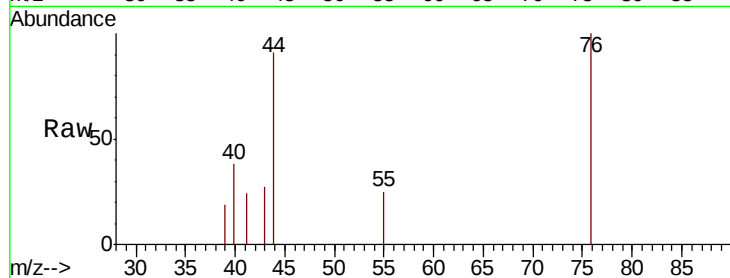




#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.03 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

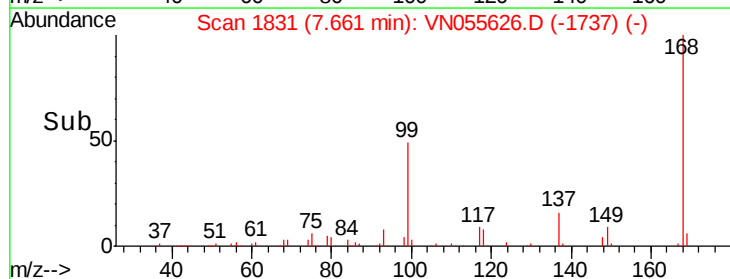
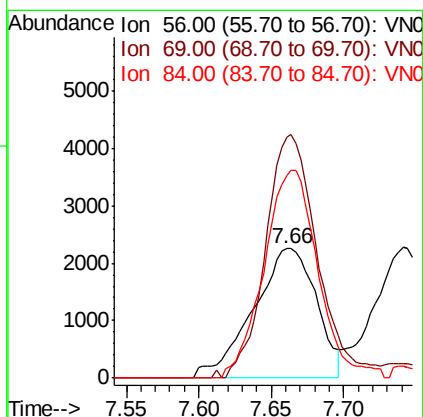
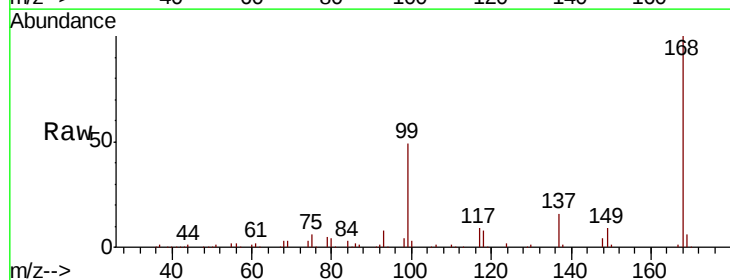
Instrument :
MSVOA_N
ClientSampled :

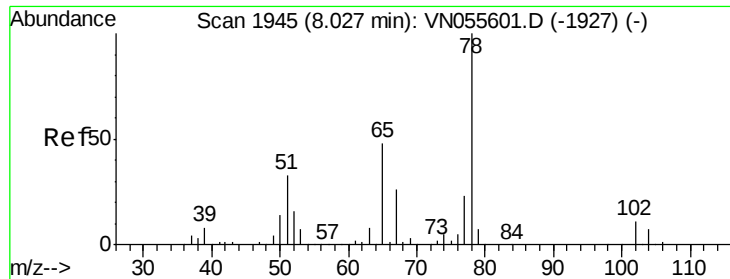
Tot Ion: 76 Resp: 2426
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#31
Cyclohexane
Concen: 1.265 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Tgt Ion: 56 Resp: 6833
Ion Ratio Lower Upper
56 100
69 186.1 27.2 40.8#
84 156.5 71.3 106.9#

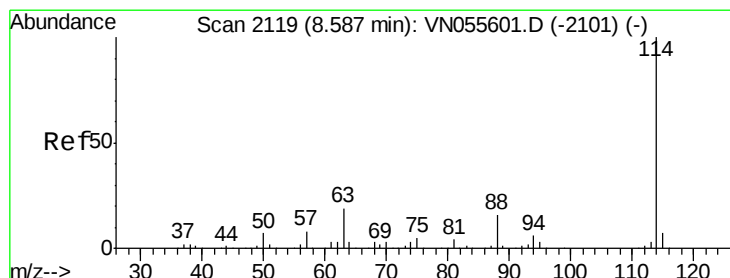
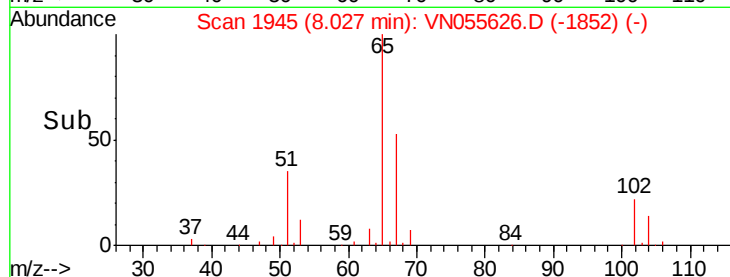
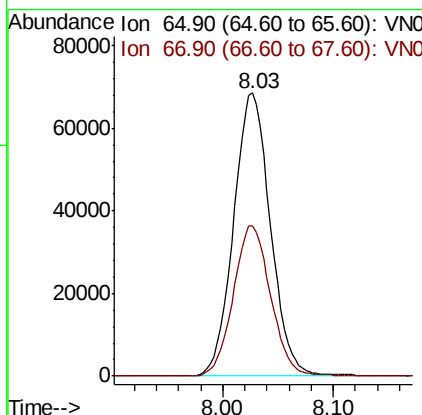
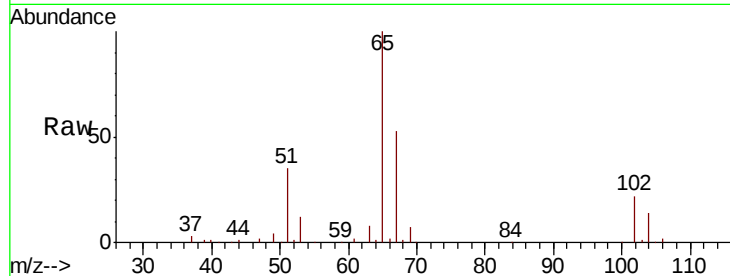




#33
 1,2-Dichloroethane-d4
 Concen: 43.479 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055626.D
 Acq: 17 May 2019 21:29

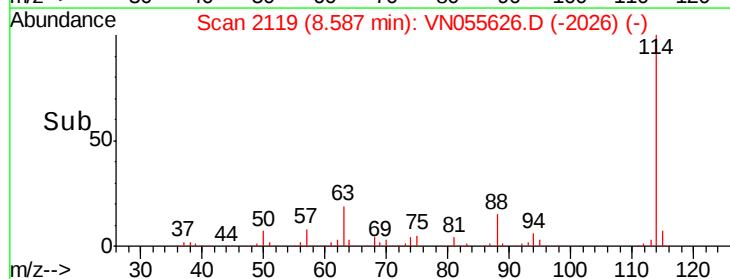
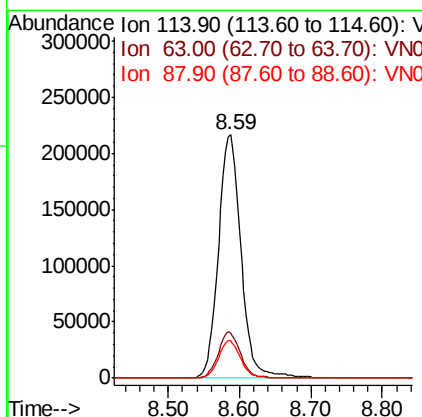
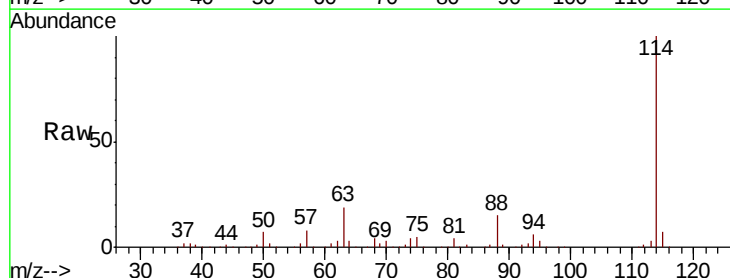
Instrument :
 MSVOA_N
 ClientSampleId :

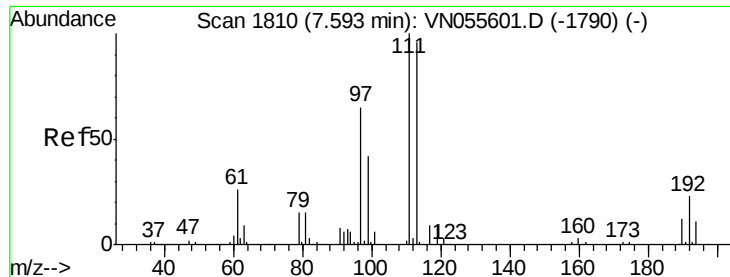
Tot Ion: 65 Resp: 158356
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055626.D
 Acq: 17 May 2019 21:29

Tgt Ion: 114 Resp: 475045
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.2
 88 15.3 0.0 31.0

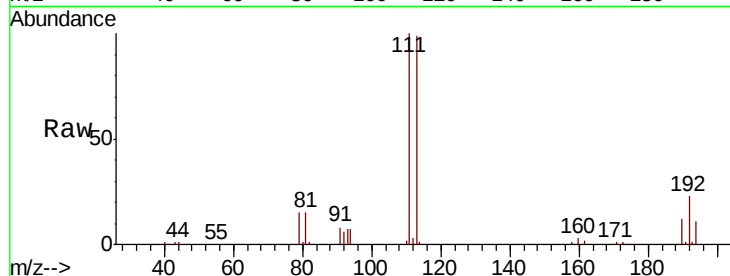




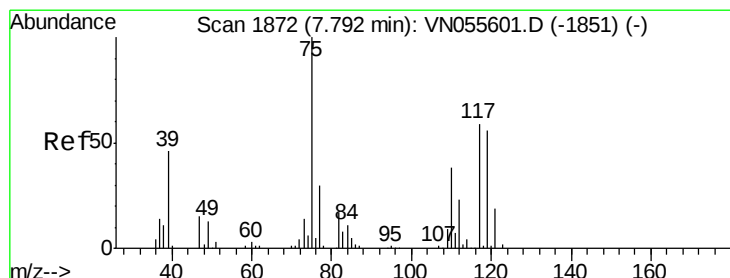
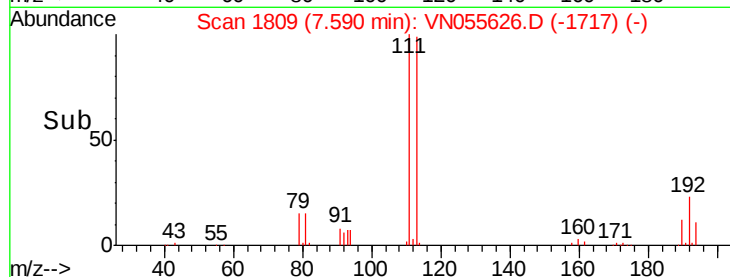
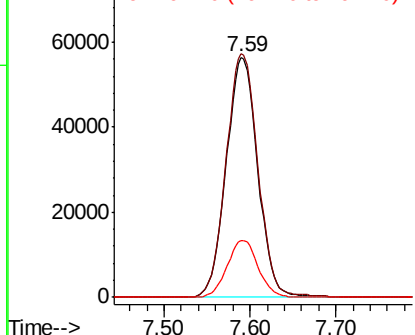
#35
 Dibromofluoromethane
 Concen: 47.544 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055626.D
 Acq: 17 May 2019 21:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 143474
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.5 123.7
 192 23.4 18.7 28.1

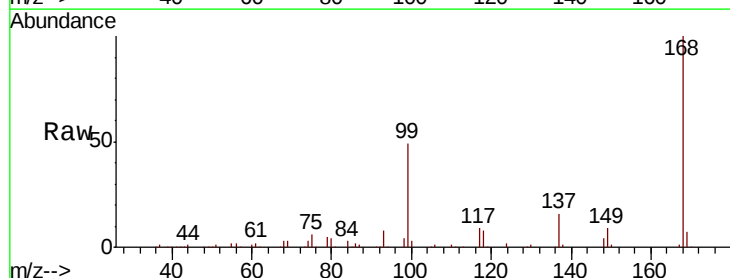


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

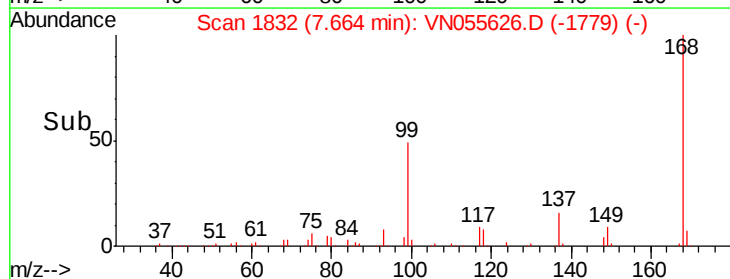
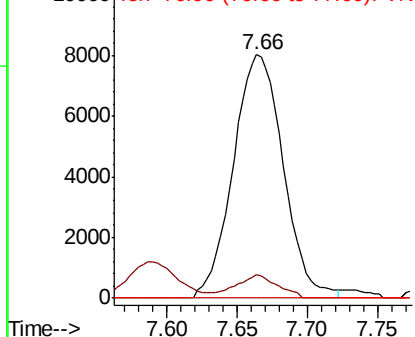


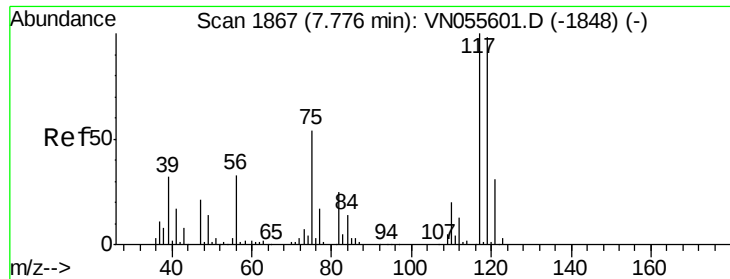
#36
 1,1-Dichloropropene
 Concen: 4.696 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055626.D
 Acq: 17 May 2019 21:29

Tgt Ion: 75 Resp: 19887
 Ion Ratio Lower Upper
 75 100
 110 8.0 18.6 55.6#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.231 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Instrument :

MSVOA_N

ClientSampled :

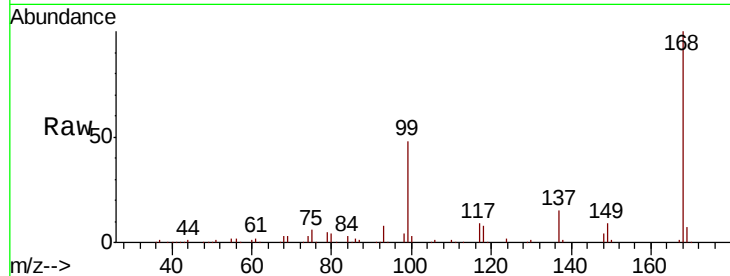
Tot Ion:117 Resp: 28200

Ion Ratio Lower Upper

117 100

119 5.0 77.8 116.8#

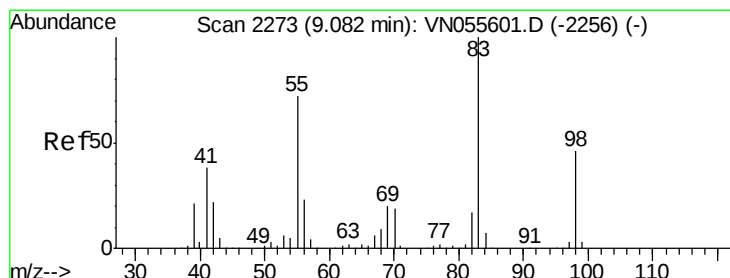
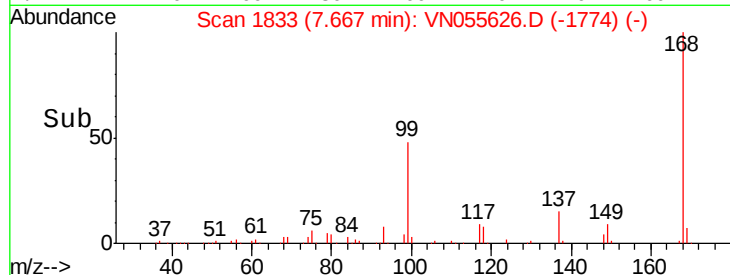
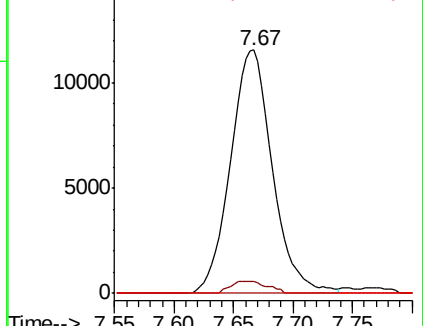
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.429 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

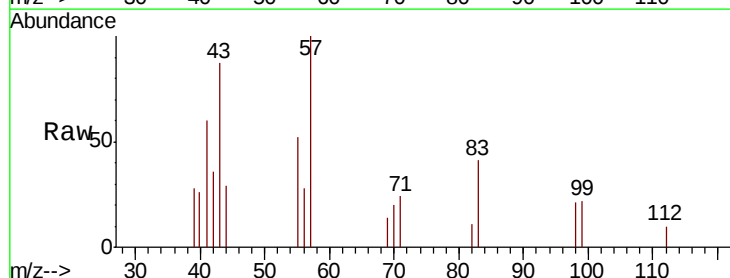
Tgt Ion: 83 Resp: 2191

Ion Ratio Lower Upper

83 100

55 82.3 57.8 86.6

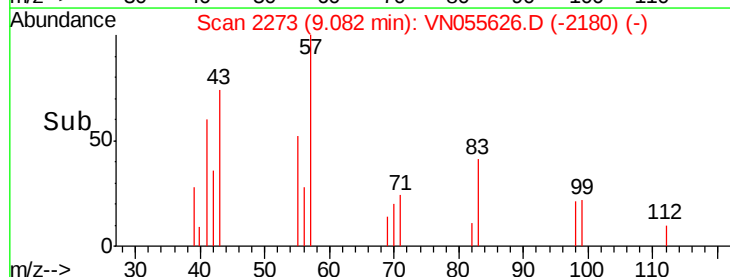
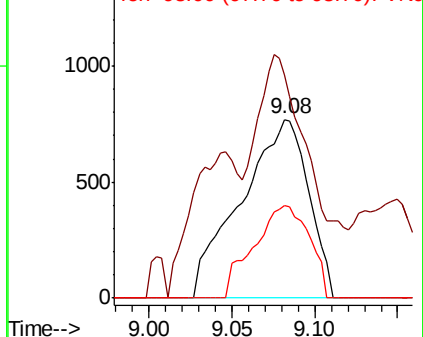
98 51.9 36.7 55.1

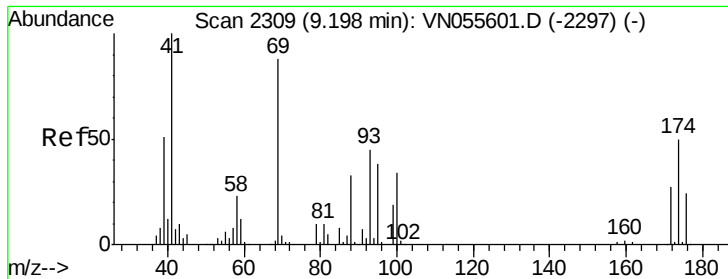


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

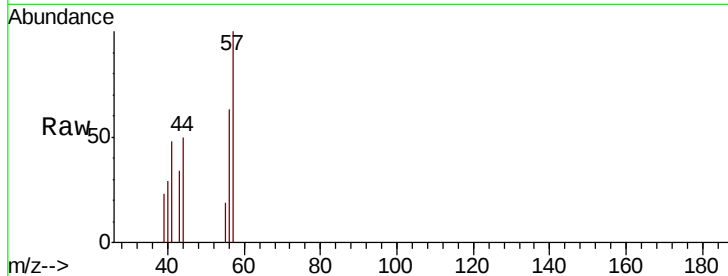




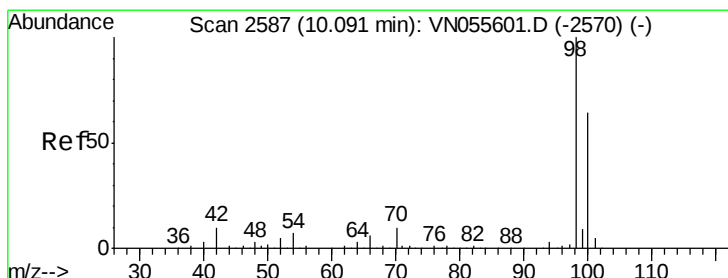
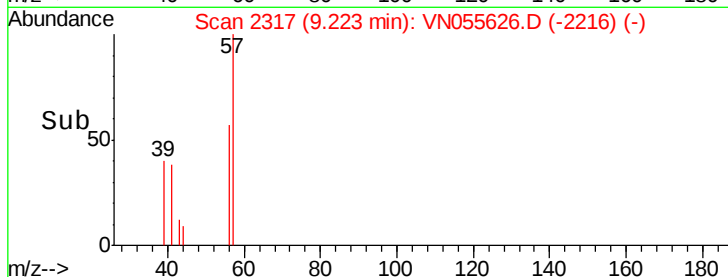
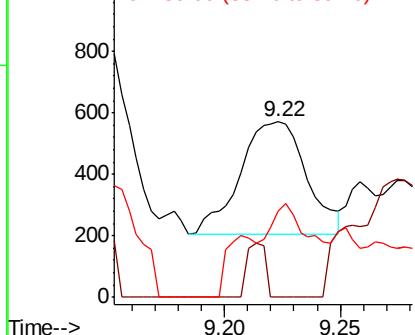
#48
Methyl methacrylate
Concen: 0.244 ug/l
RT: 9.22 min Scan# 2317
Delta R.T. 0.03 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 726
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.2#
39 26.6 43.8 65.8#

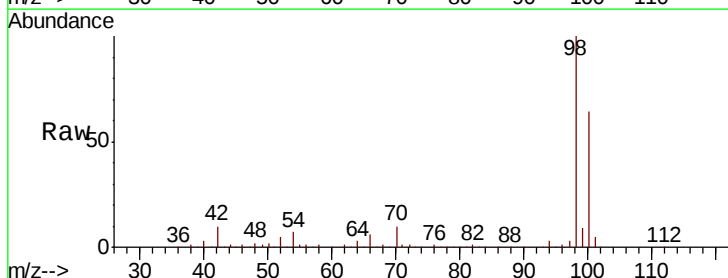


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

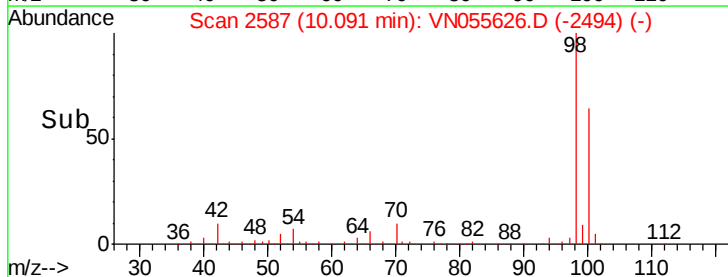
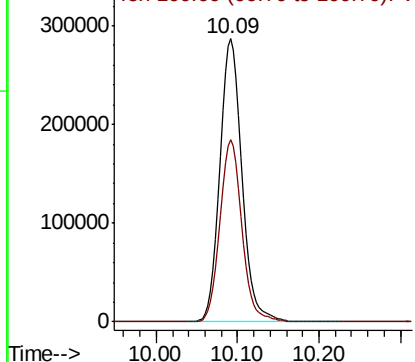


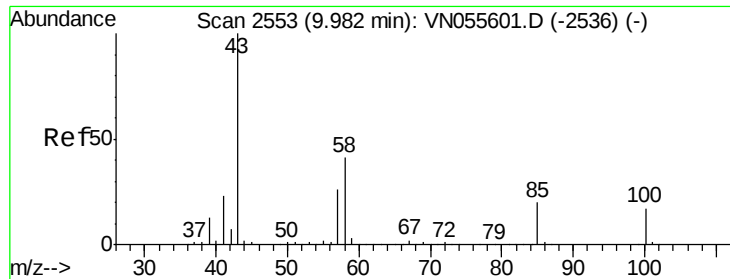
#50
Toluene-d8
Concen: 48.448 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Tgt Ion: 98 Resp: 552804
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.314 ug/l

RT: 10.01 min Scan# 2562

Delta R.T. 0.03 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Instrument :

MSVOA_N

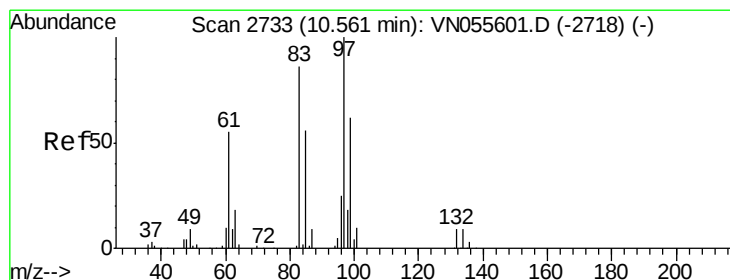
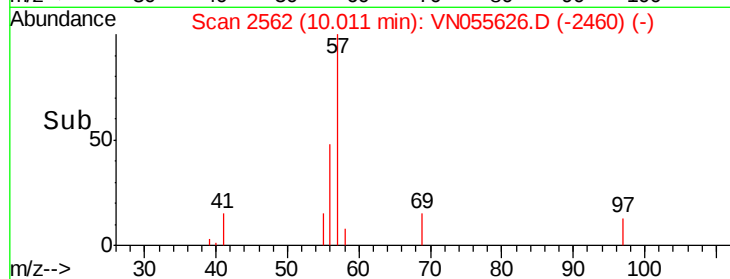
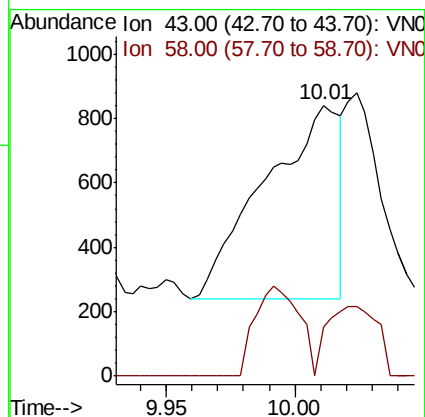
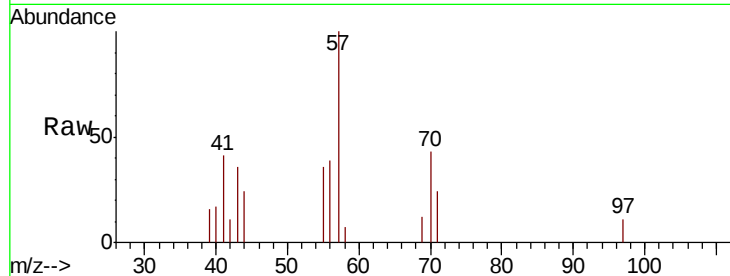
ClientSampled :

Tot Ion: 43 Resp: 1225

Ion Ratio Lower Upper

43 100

58 23.7 32.7 49.1#



#55

1,1,2-Trichloroethane

Concen: 1.079 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Tgt Ion: 97 Resp: 3472

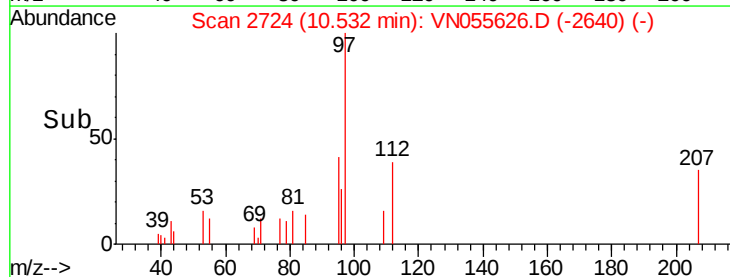
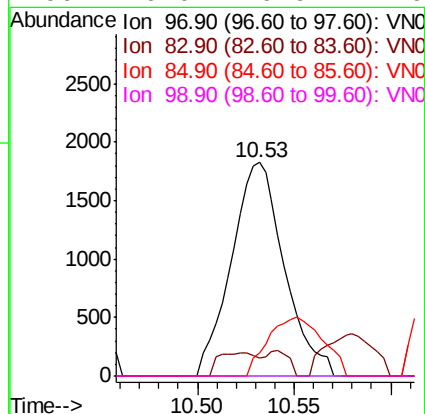
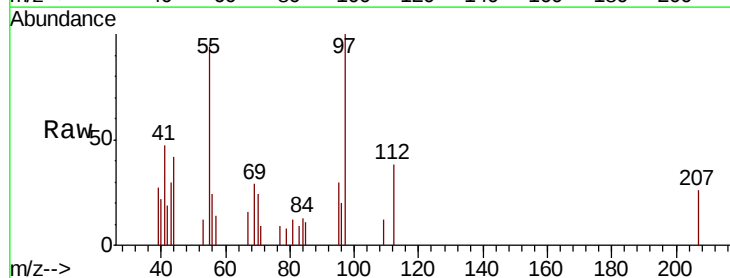
Ion Ratio Lower Upper

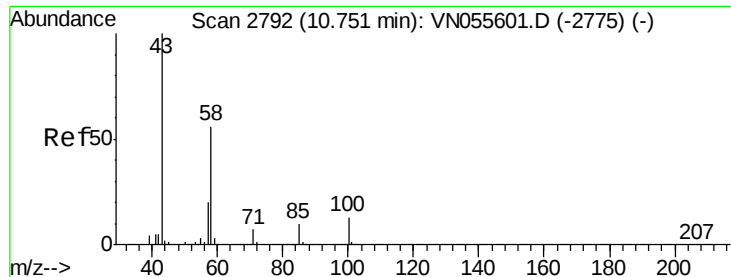
97 100

83 8.6 68.4 102.6#

85 10.6 44.8 67.2#

99 0.0 49.9 74.9#

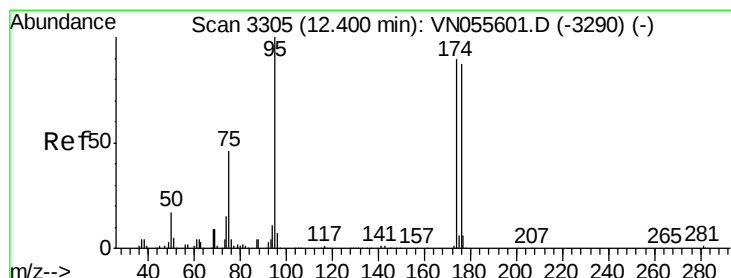
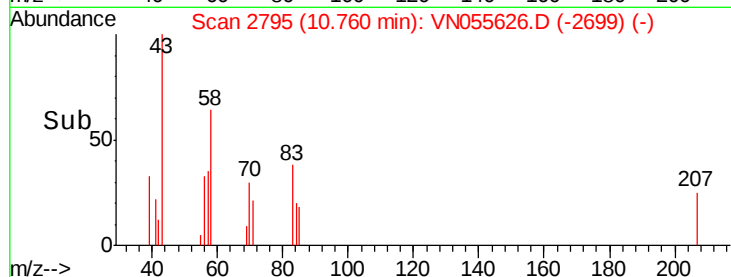
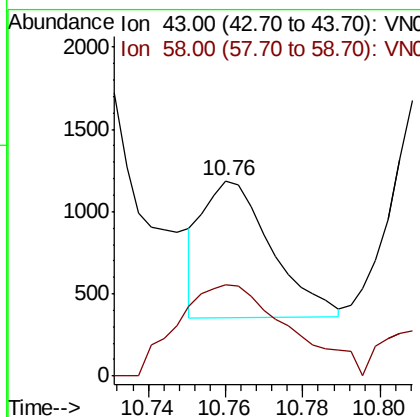
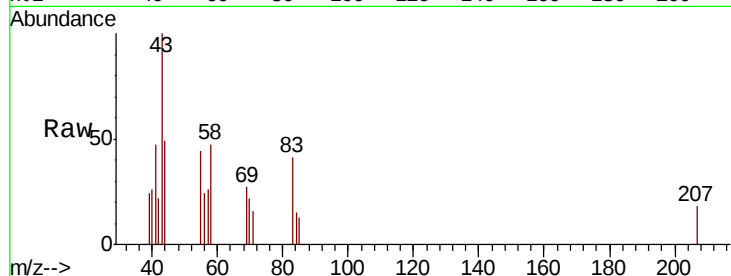




#59
2-Hexanone
Concen: 0.372 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

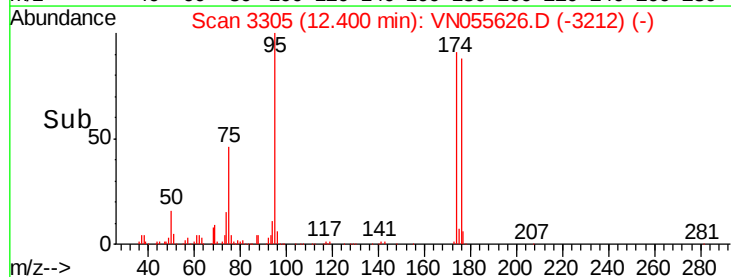
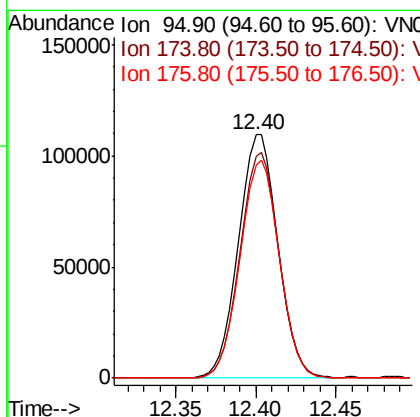
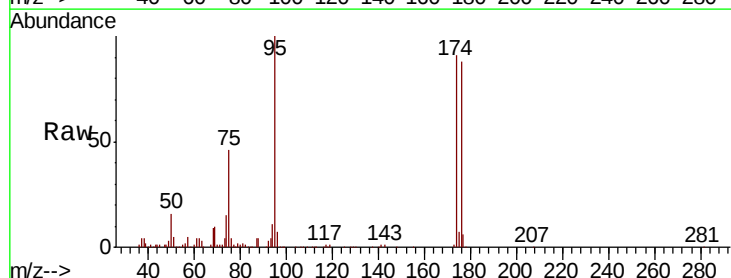
Instrument :
MSVOA_N
ClientSampleId :

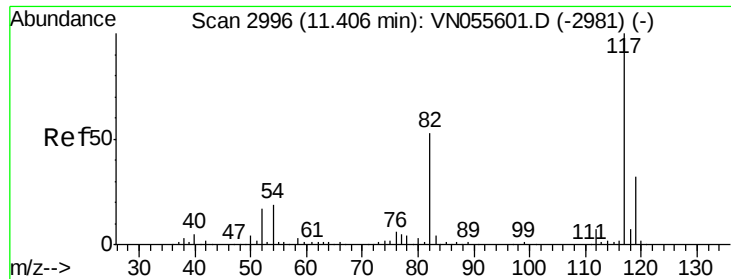
Tot Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 107.9 28.1 84.4#



#62
4-Bromofluorobenzene
Concen: 46.436 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Tgt Ion: 95 Resp: 182966
Ion Ratio Lower Upper
95 100
174 92.1 0.0 180.6
176 89.7 0.0 177.4

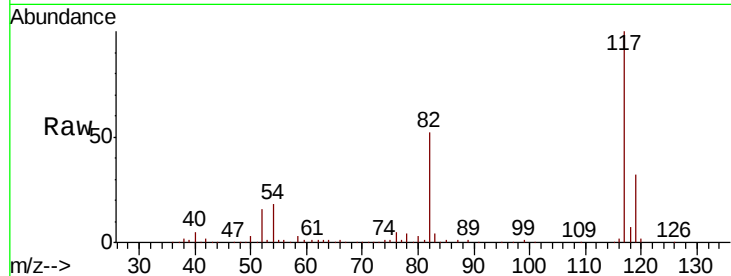




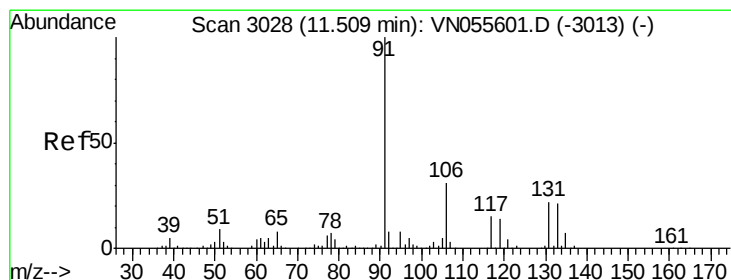
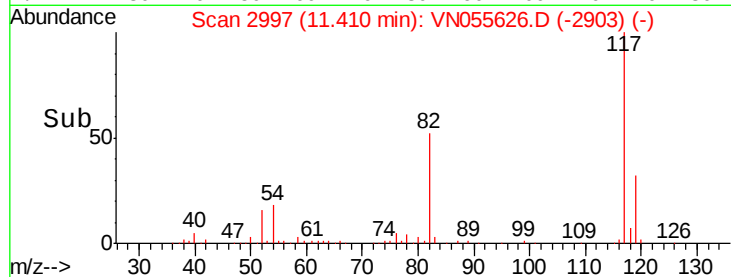
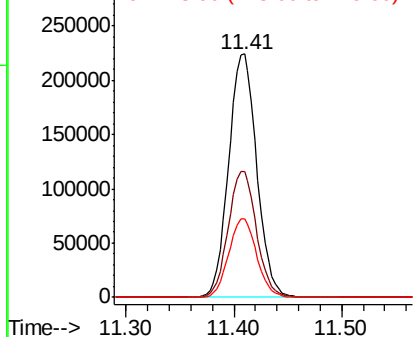
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 405303
Ion Ratio Lower Upper
117 100
82 51.7 42.3 63.5
119 32.2 25.4 38.2

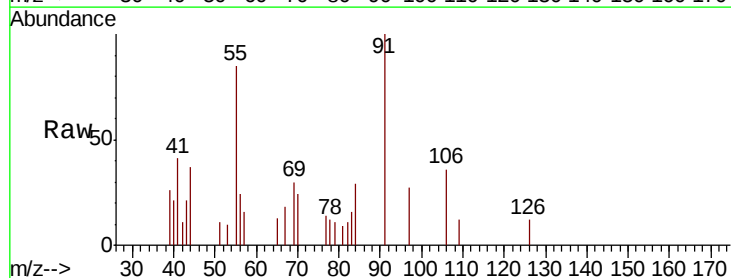


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

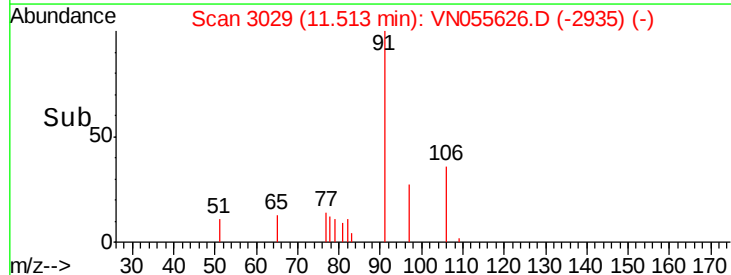
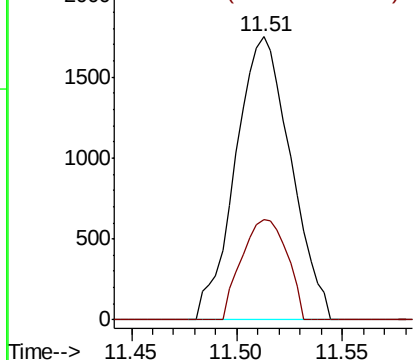


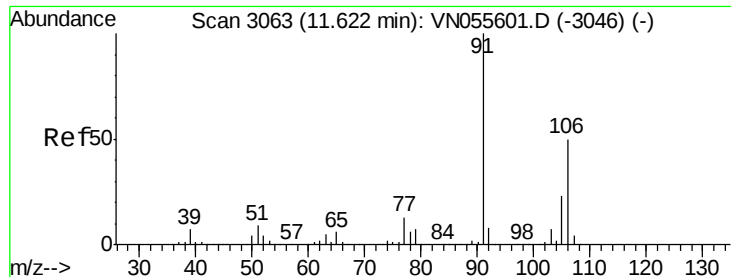
#67
Ethyl Benzene
Concen: 0.219 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Tgt Ion: 91 Resp: 3192
Ion Ratio Lower Upper
91 100
106 35.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

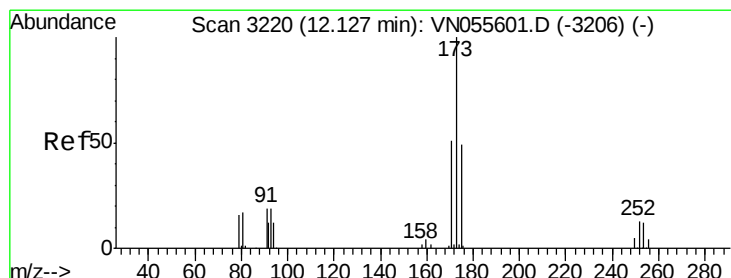
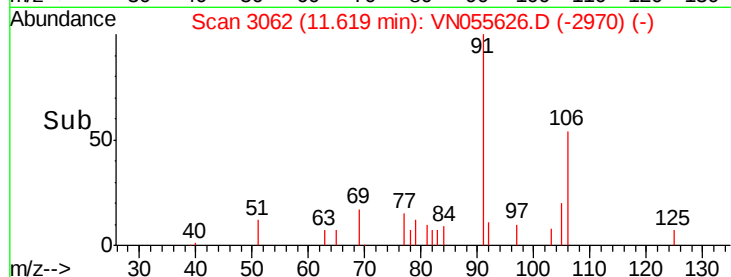
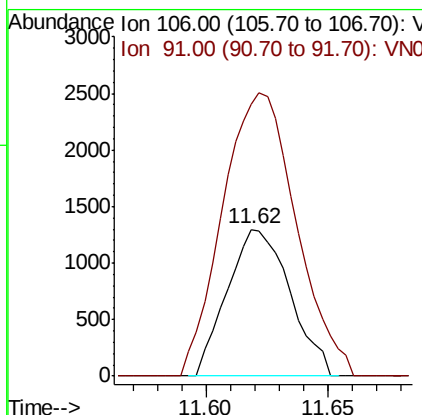
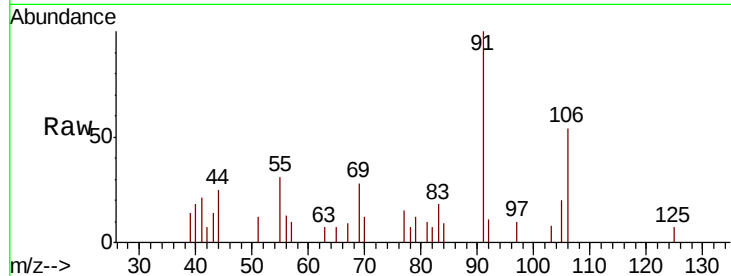




#68
m/p-Xvlenes
Concen: 0.421 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

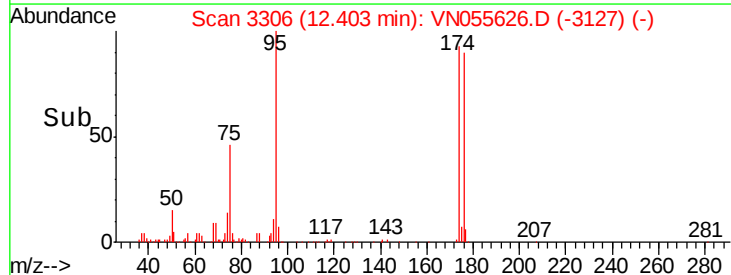
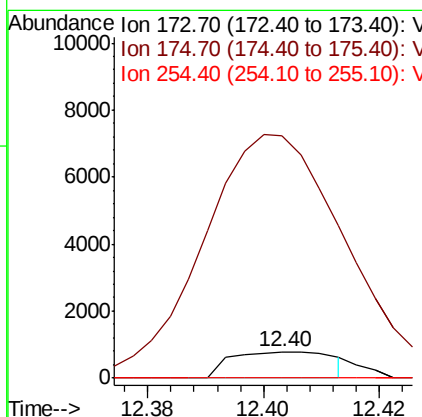
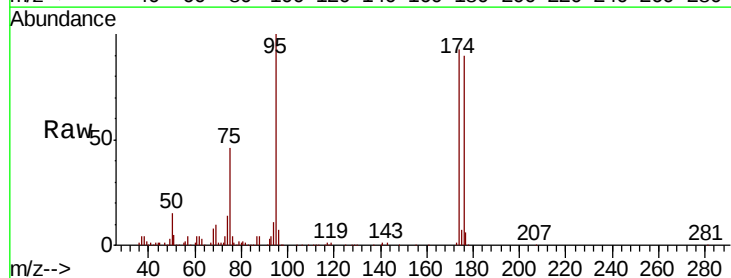
Instrument :
MSVOA_N
ClientSampled :

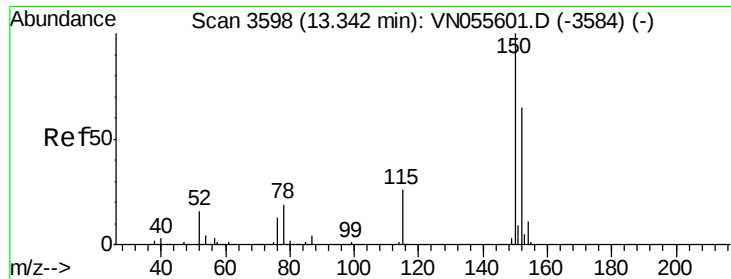
Tot Ion:106 Resp: 2321
Ion Ratio Lower Upper
106 100
91 226.0 160.5 240.7



#71
Bromoform
Concen: 0.341 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Tgt Ion:173 Resp: 954
Ion Ratio Lower Upper
173 100
175 1119.4 24.3 72.9#
254 0.0 0.1 0.1#



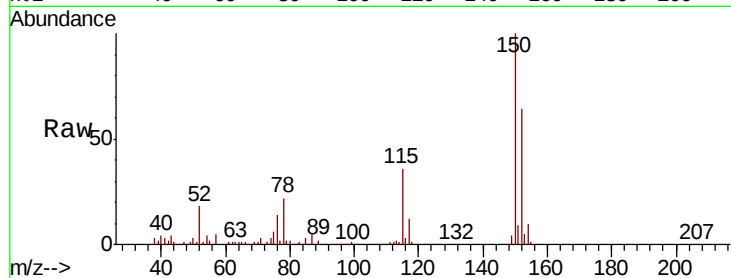


#72

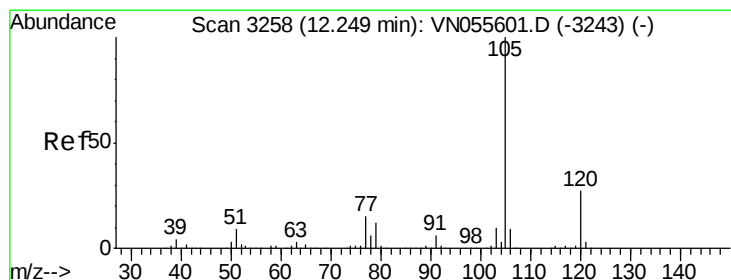
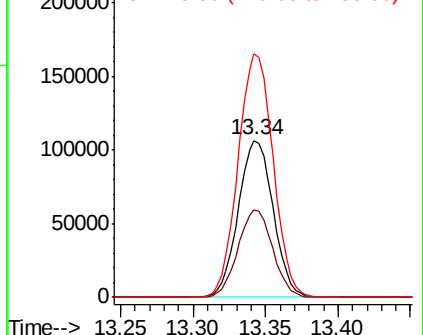
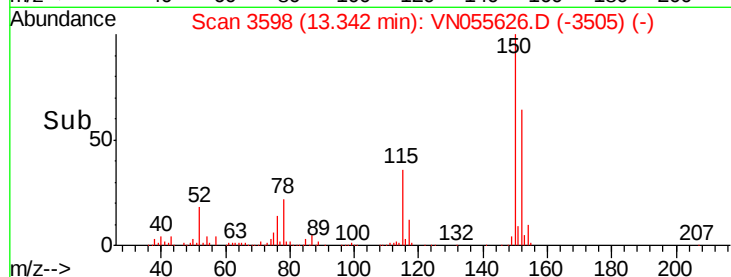
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 178434
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.2
150 155.9 0.0 348.0



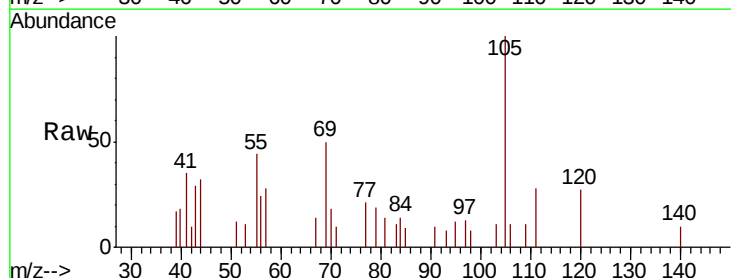
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



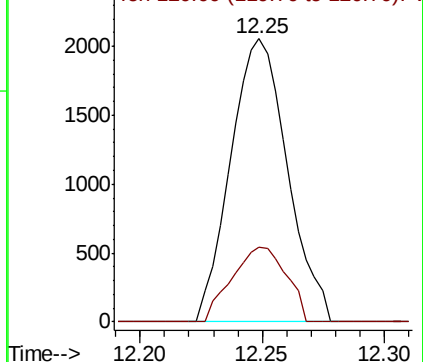
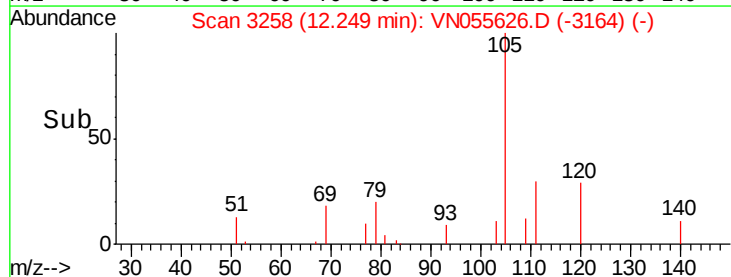
#73

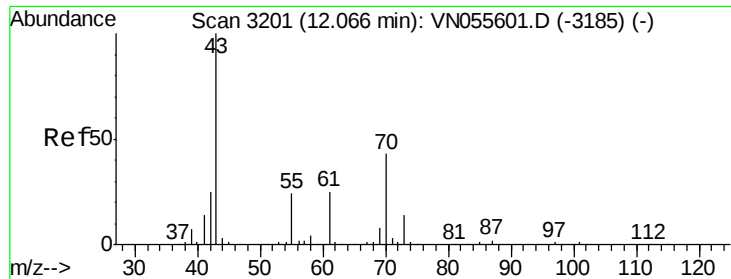
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Tgt Ion:105 Resp: 3317
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.186 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 5942

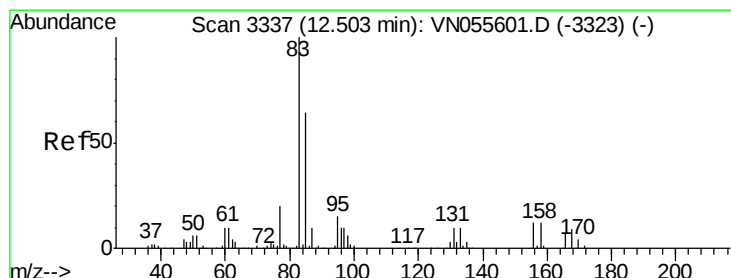
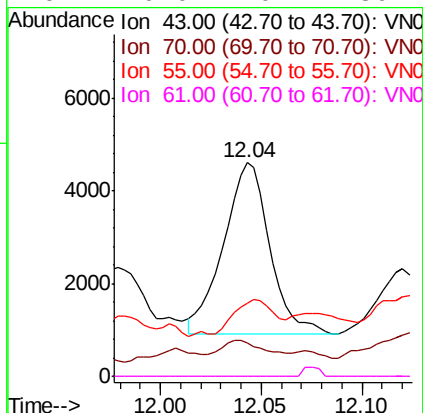
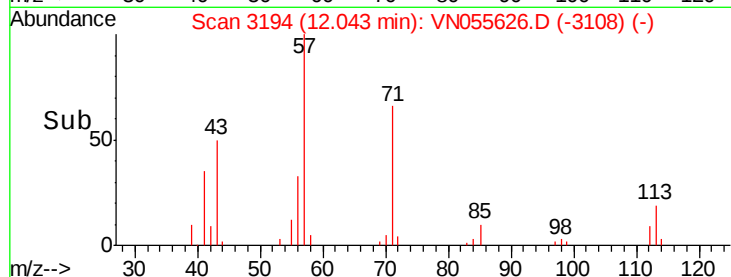
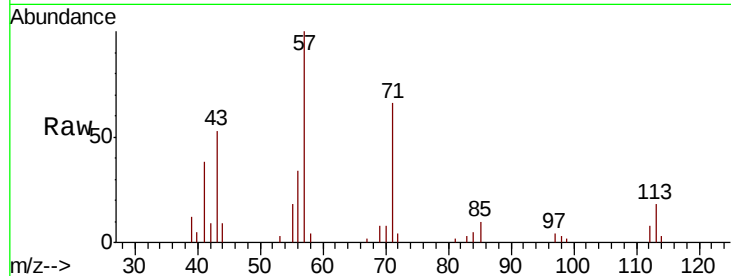
Ion Ratio Lower Upper

43 100

70 7.5 35.0 52.6#

55 17.6 18.9 28.3#

61 0.0 20.1 30.1#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3332

Delta R.T. -0.02 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

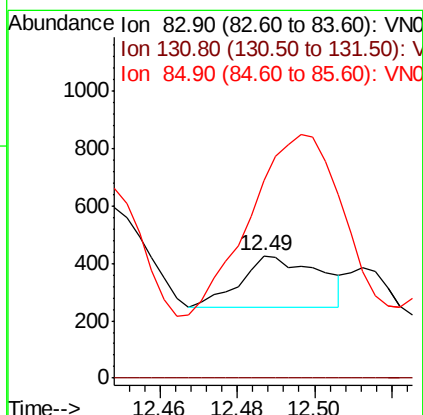
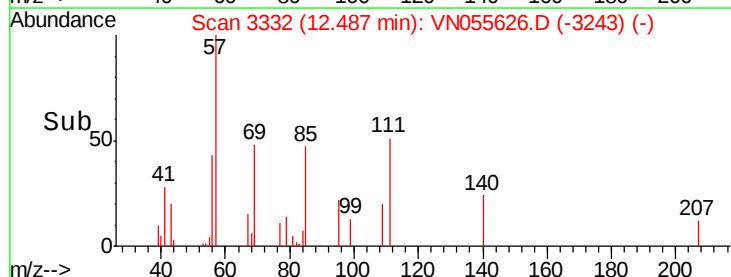
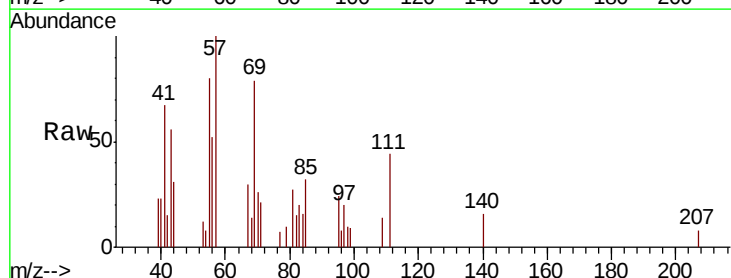
Tgt Ion: 83 Resp: 252

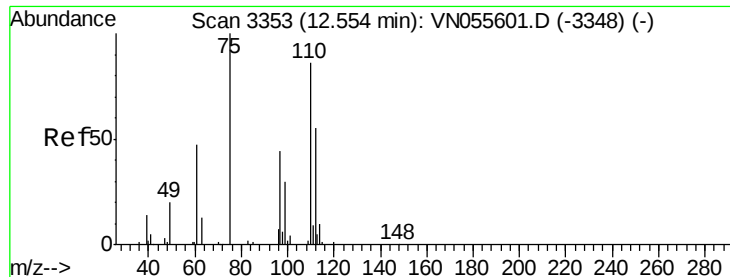
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 465.1 32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 23.463 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Instrument :

MSVOA_N

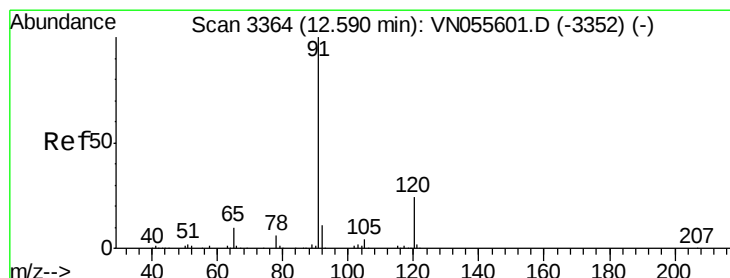
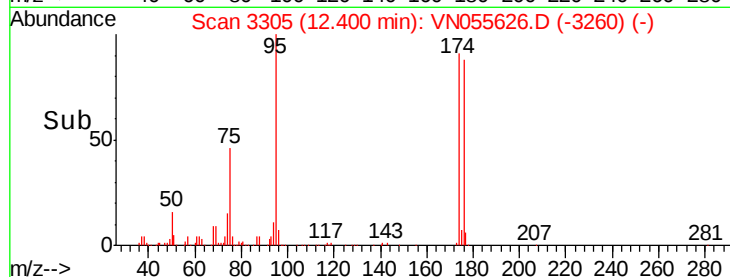
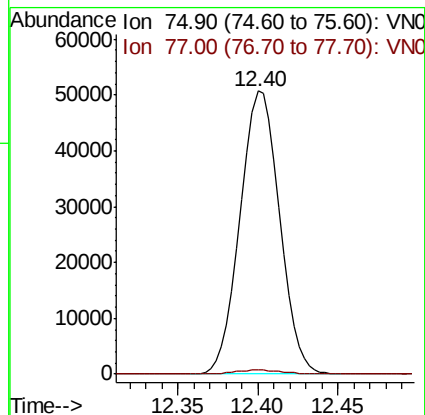
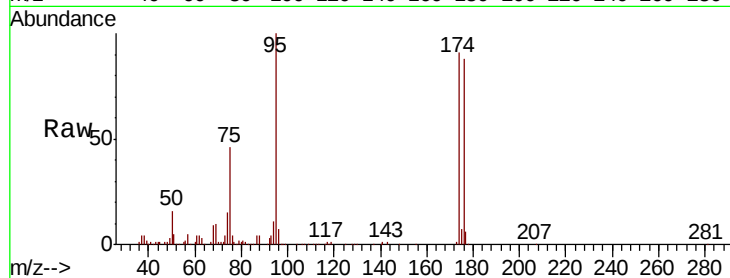
ClientSampleId :

Tot Ion: 75 Resp: 85427

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#78

n-propylbenzene

Concen: 0.651 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055626.D

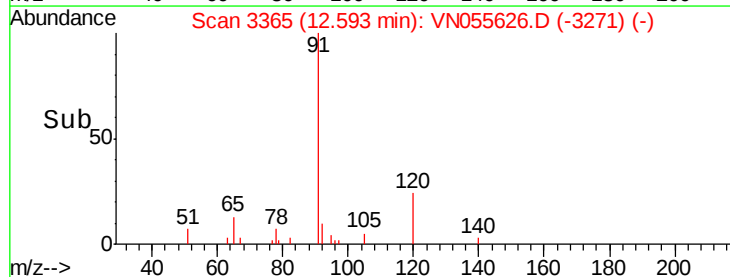
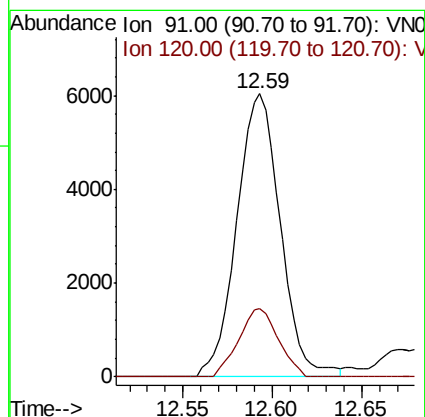
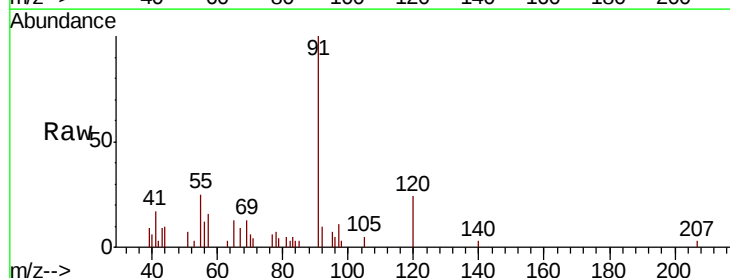
Acq: 17 May 2019 21:29

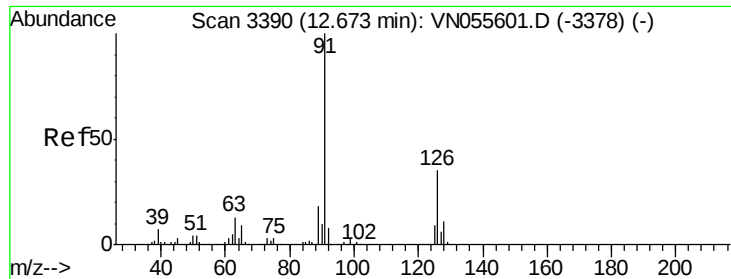
Tgt Ion: 91 Resp: 10312

Ion Ratio Lower Upper

91 100

120 21.8 11.9 35.5





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Instrument :

MSVOA_N

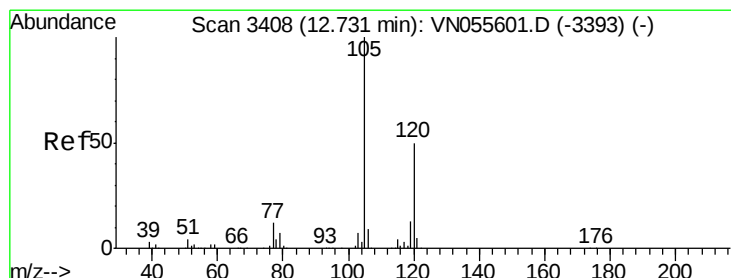
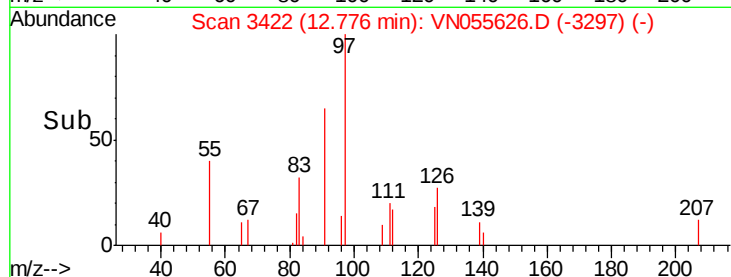
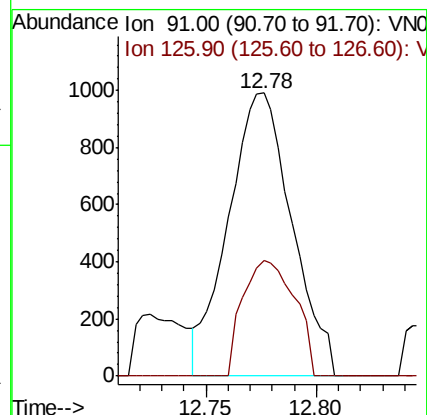
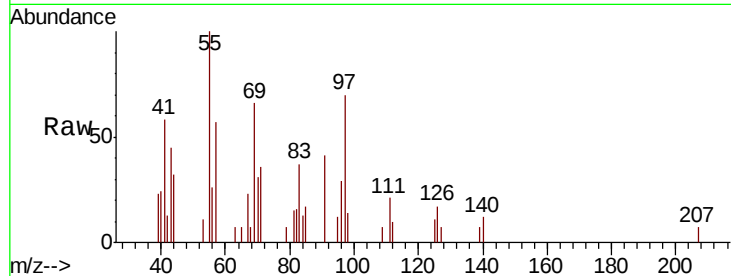
ClientSampleId :

Tot Ion: 91 Resp: 1981

Ion Ratio Lower Upper

91 100

126 33.4 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055626.D

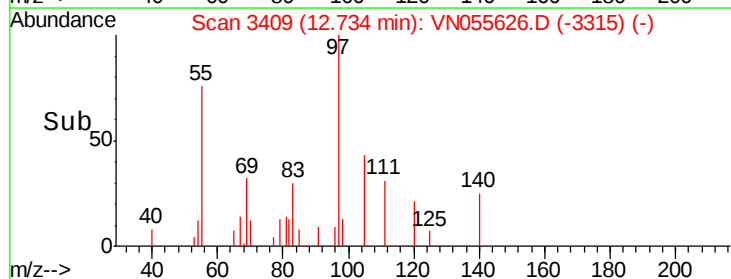
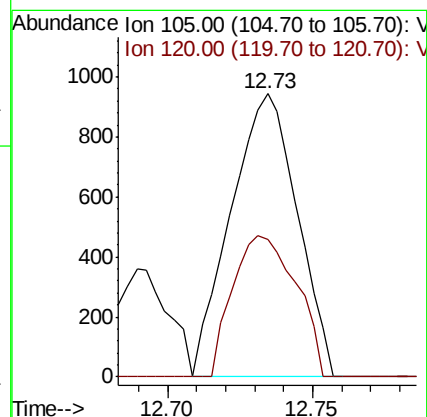
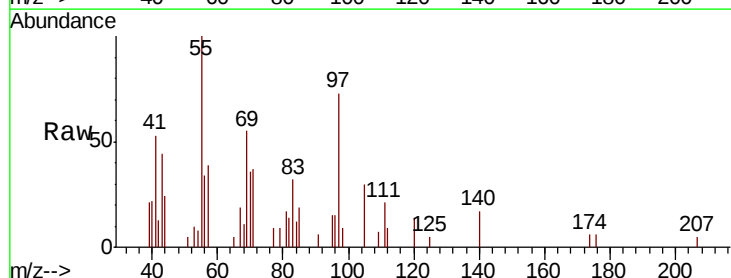
Acq: 17 May 2019 21:29

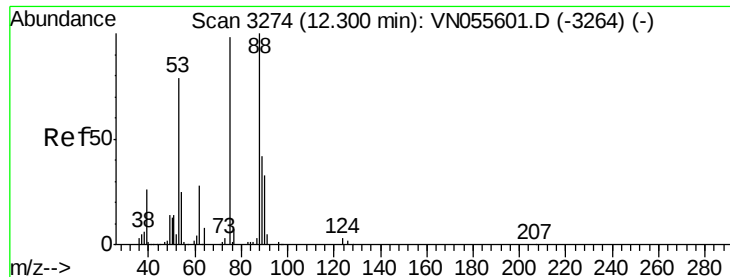
Tgt Ion: 105 Resp: 1499

Ion Ratio Lower Upper

105 100

120 47.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 60.313 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Instrument :

MSVOA_N

ClientSampleId :

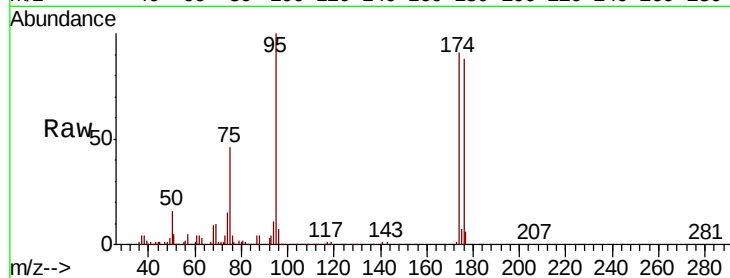
Tot Ion: 75 Resp: 85427

Ion Ratio Lower Upper

75 100

53 0.1 65.1 97.7#

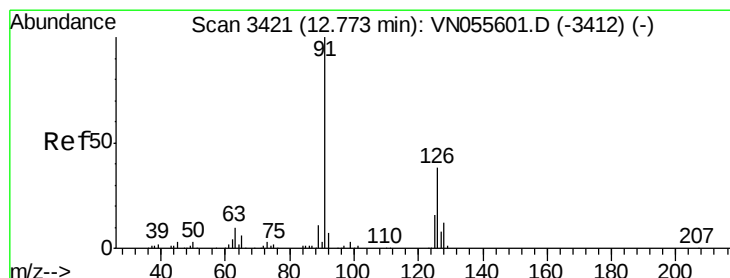
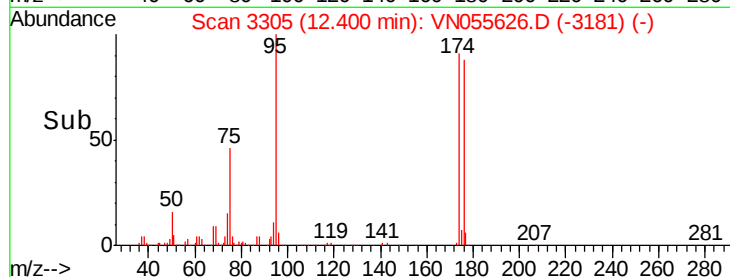
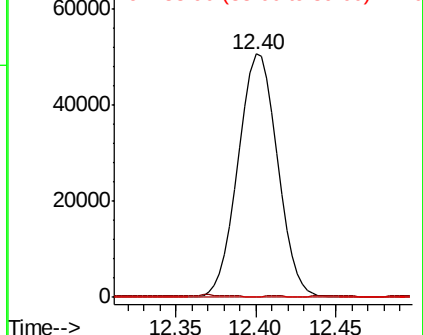
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.212 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN055626.D

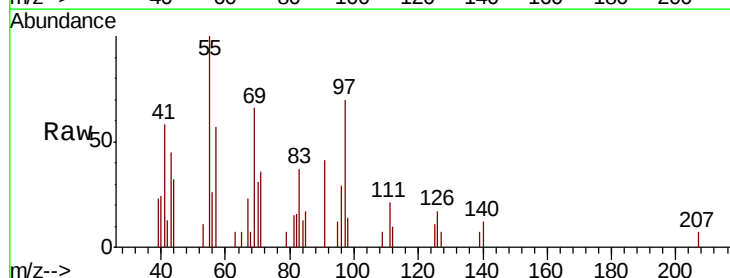
Acq: 17 May 2019 21:29

Tgt Ion: 91 Resp: 1981

Ion Ratio Lower Upper

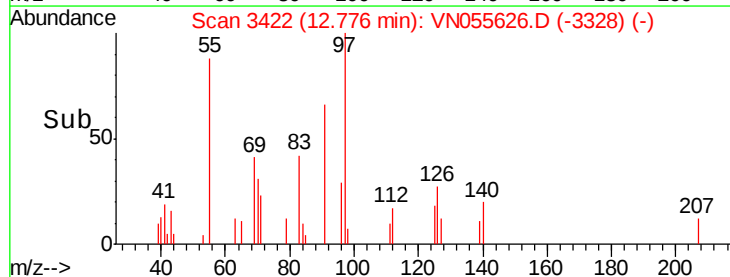
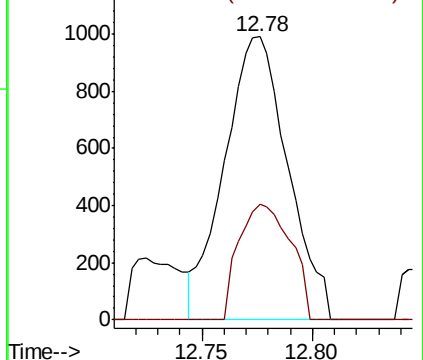
91 100

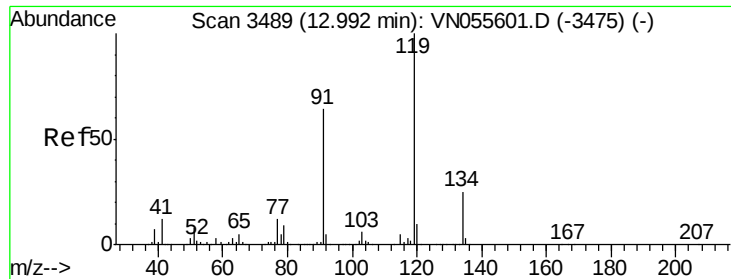
126 33.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

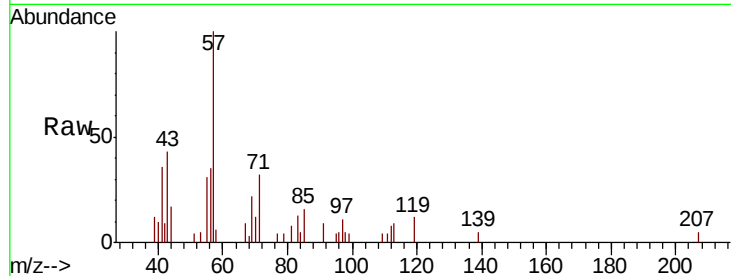




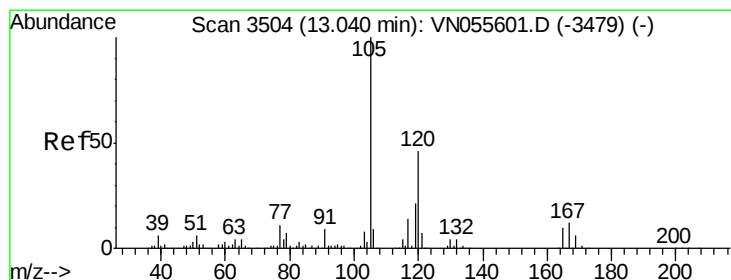
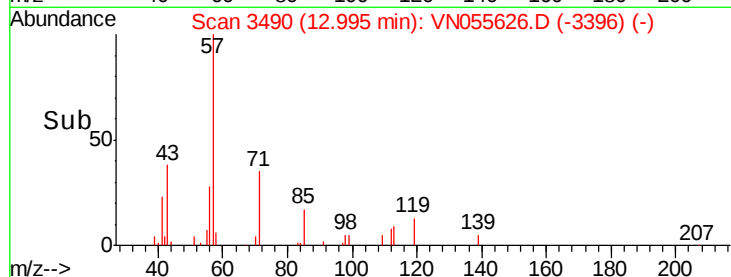
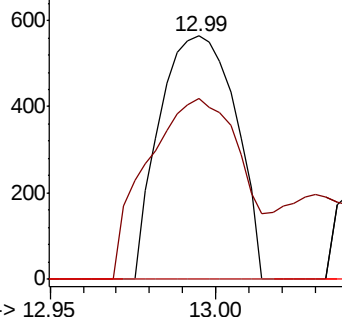
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 898
Ion Ratio Lower Upper
119 100
91 95.7 31.3 93.8#
134 0.0 13.2 39.6#

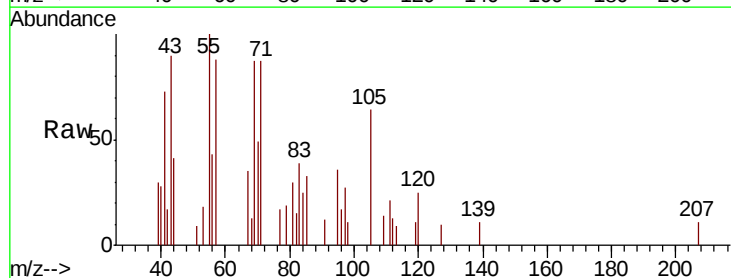


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

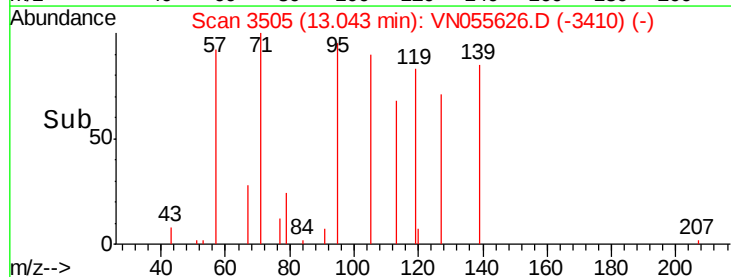
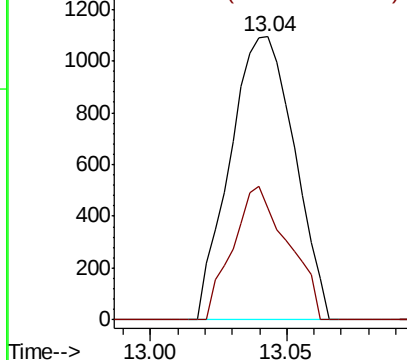


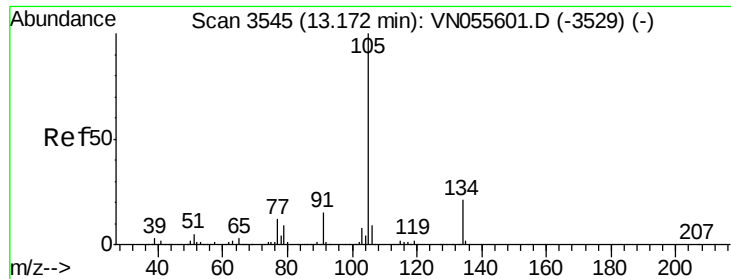
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN055626.D
Acq: 17 May 2019 21:29

Tgt Ion:105 Resp: 1793
Ion Ratio Lower Upper
105 100
120 40.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Instrument :

MSVOA_N

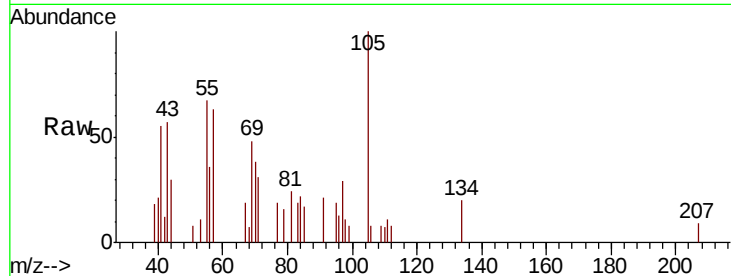
ClientSampled :

Tot Ion:105 Resp: 3640

Ion Ratio Lower Upper

105 100

134 28.6 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

2500

2000

1500

1000

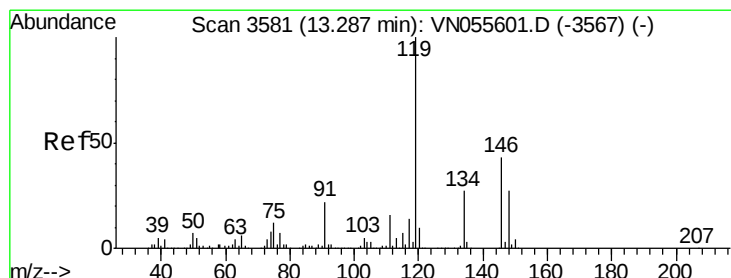
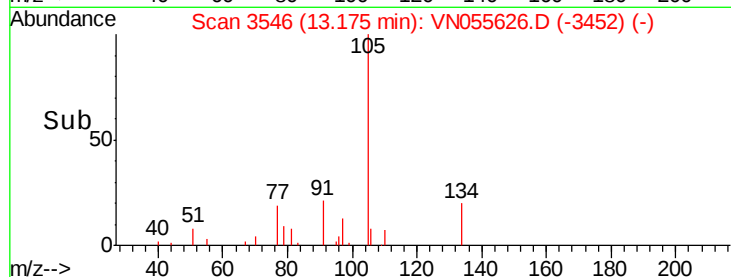
500

0

13.15

13.20

Time-->



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

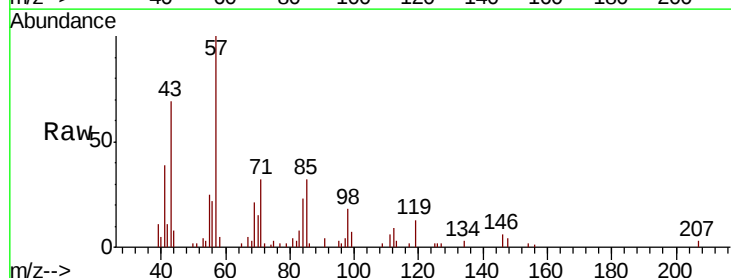
Tgt Ion:119 Resp: 2309

Ion Ratio Lower Upper

119 100

134 20.0 13.4 40.2

91 50.1 11.0 33.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

1500

1000

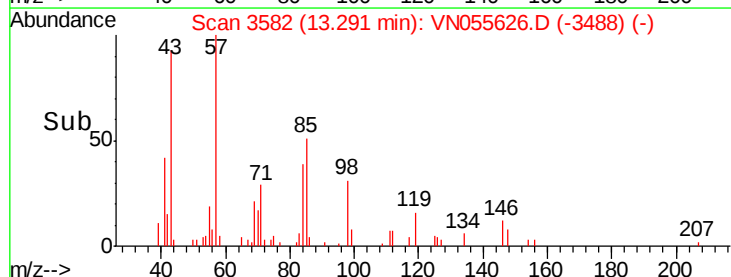
500

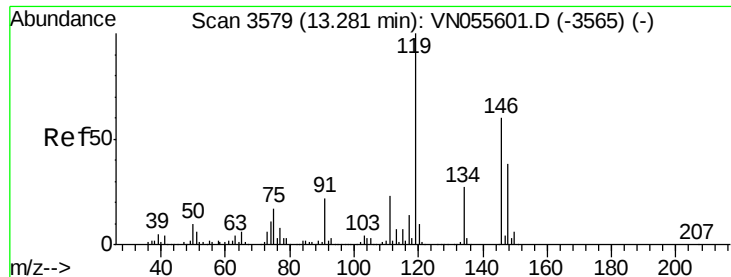
0

13.25

13.30

Time-->

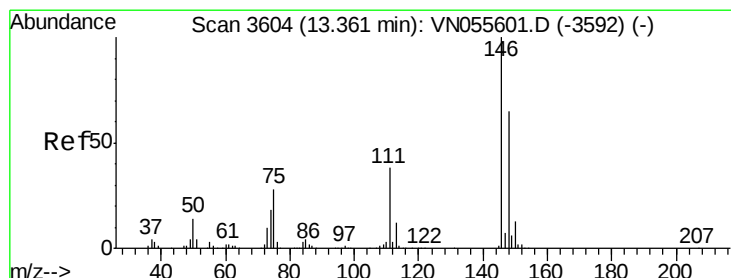
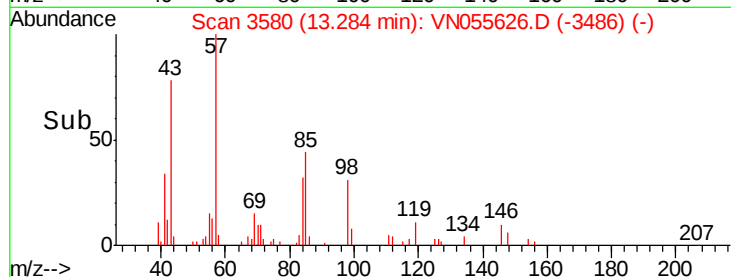
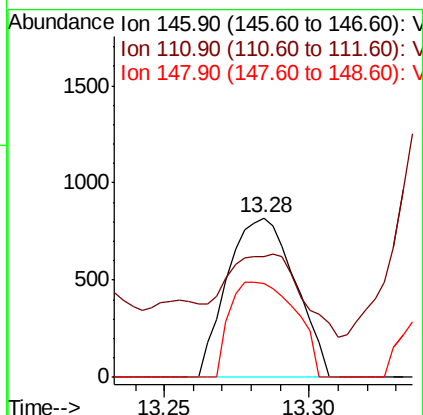
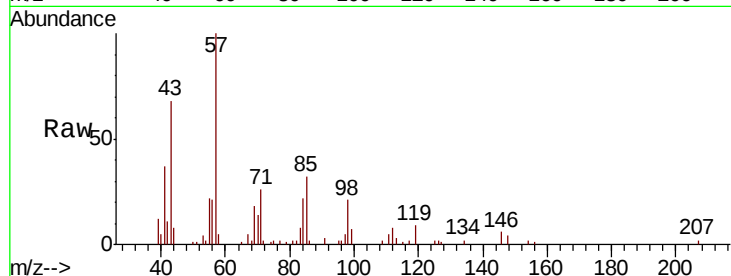




#87
 1,3-Dichlorobenzene
 Concen: 0.220 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055626.D
 Acq: 17 May 2019 21:29

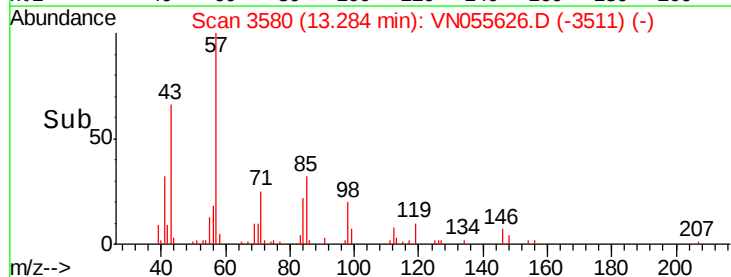
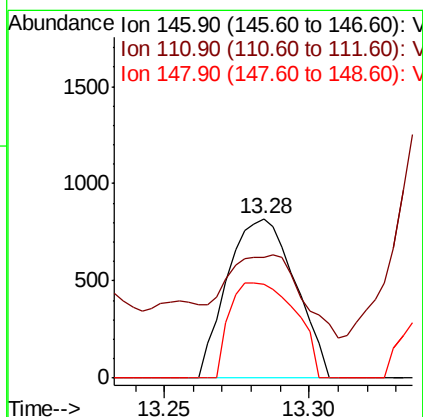
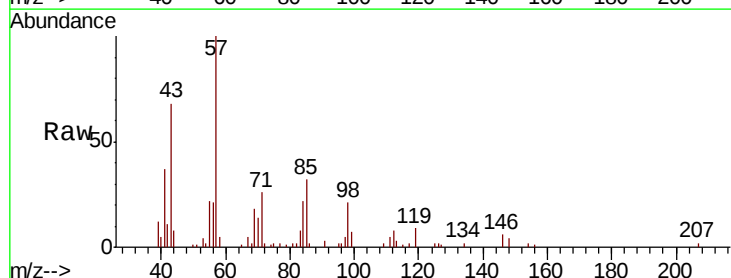
Instrument :
 MSVOA_N
 ClientSampled :

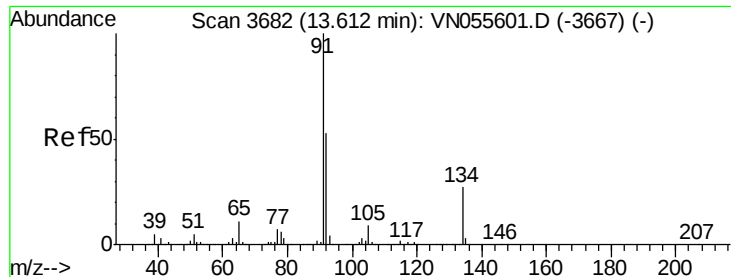
Tot Ion:146 Resp: 1331
 Ion Ratio Lower Upper
 146 100
 111 55.1 18.9 56.9
 148 57.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 0.230 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN055626.D
 Acq: 17 May 2019 21:29

Tgt Ion:146 Resp: 1331
 Ion Ratio Lower Upper
 146 100
 111 55.1 18.8 56.4
 148 57.6 32.4 97.0





#89

n-Butylbenzene

Concen: 0.658 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Instrument :

MSVOA_N

ClientSampleId :

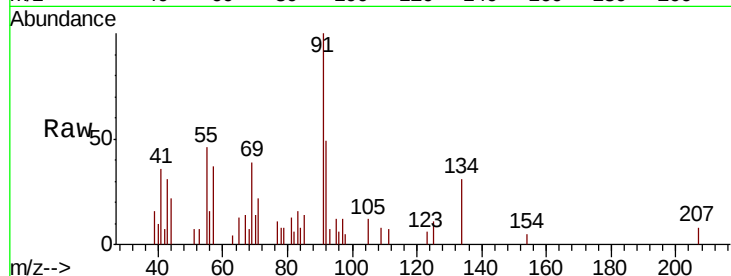
Tot Ion: 91 Resp: 6440

Ion Ratio Lower Upper

91 100

92 41.2 26.4 79.0

134 32.5 13.7 41.1

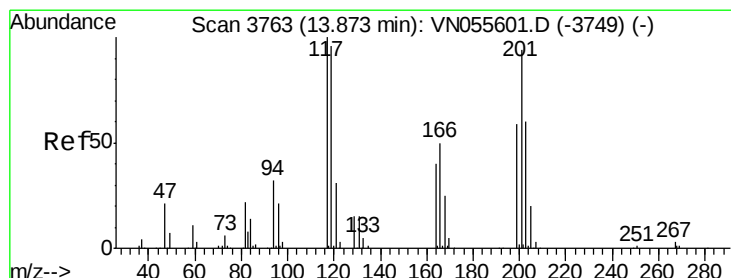
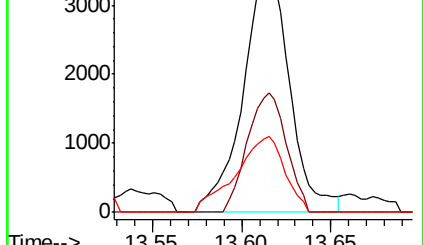
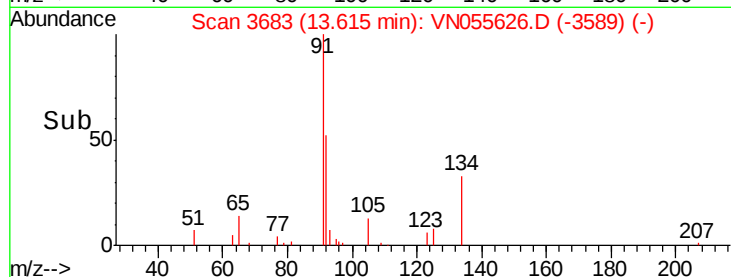


Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055601.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055601.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055626.D

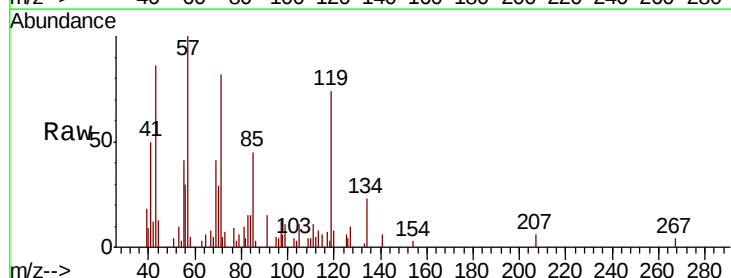
Acq: 17 May 2019 21:29

Tgt Ion: 117 Resp: 728

Ion Ratio Lower Upper

117 100

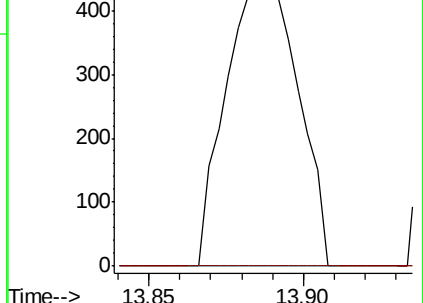
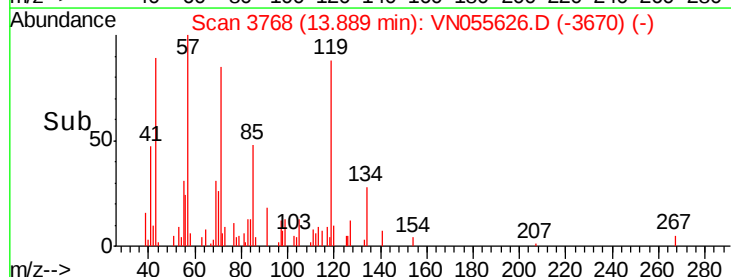
201 0.0 47.1 141.3#

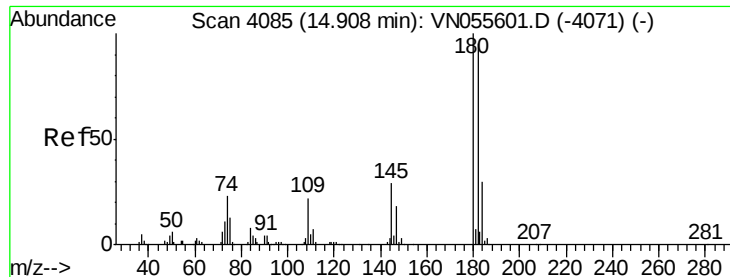


Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055601.D (-3749) (-)

Time-->

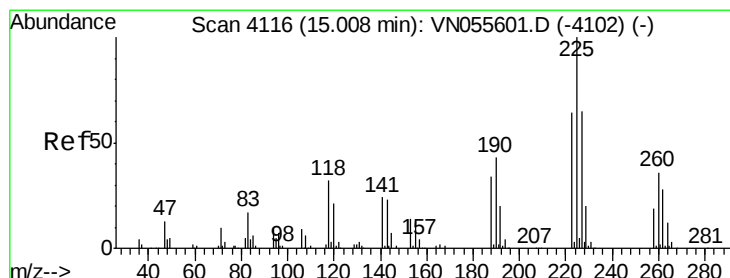
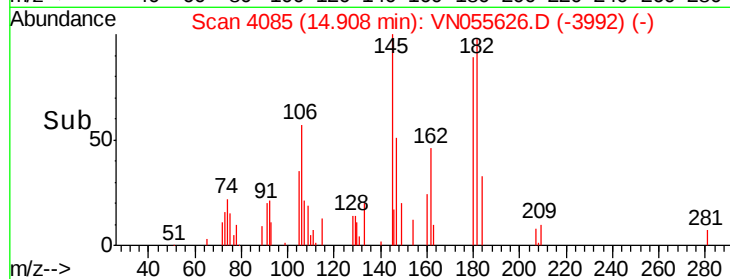
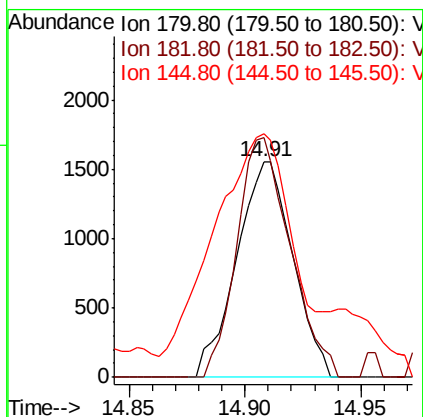
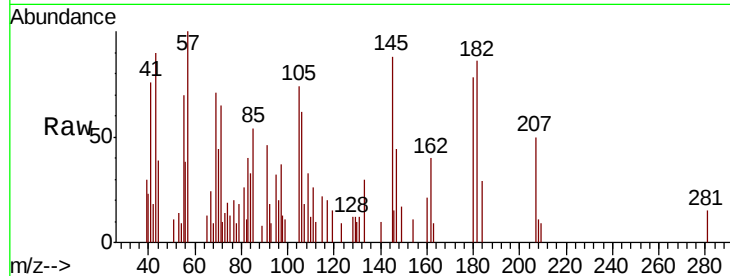




#93
 1,2,4-Trichlorobenzene
 Concen: 0.851 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055626.D
 Acq: 17 May 2019 21:29

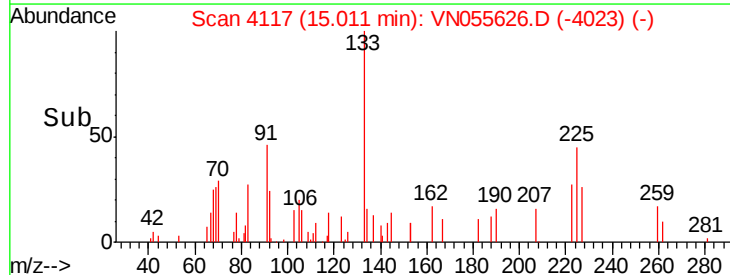
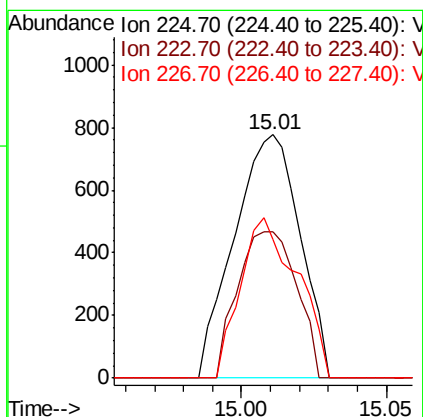
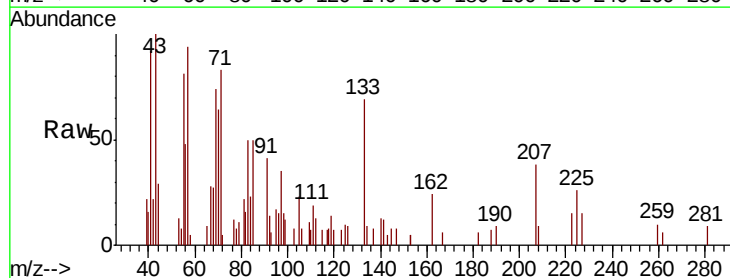
Instrument :
 MSVOA_N
 ClientSampled :

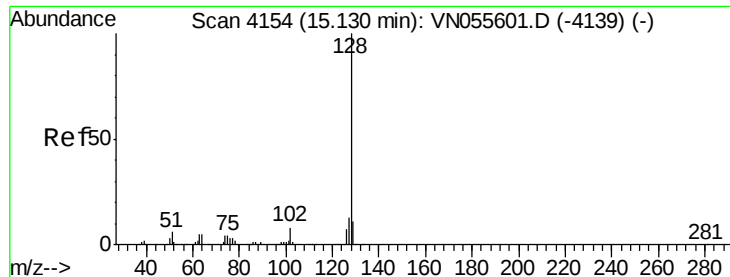
Tot Ion:180 Resp: 2615
 Ion Ratio Lower Upper
 180 100
 182 105.8 47.9 143.6
 145 138.5 14.3 42.9#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055626.D
 Acq: 17 May 2019 21:29

Tgt Ion:225 Resp: 1223
 Ion Ratio Lower Upper
 225 100
 223 54.0 31.6 94.7
 227 57.0 32.4 97.0





#95

Naphthalene

Concen: 3.154 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

Instrument :

MSVOA_N

ClientSampleId :

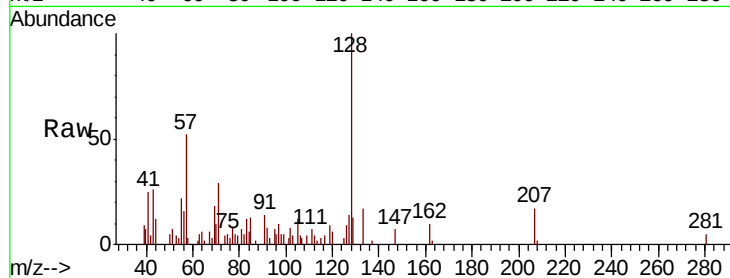
Tot Ion:128 Resp: 13365

Ion Ratio Lower Upper

128 100

127 18.3 10.2 15.4#

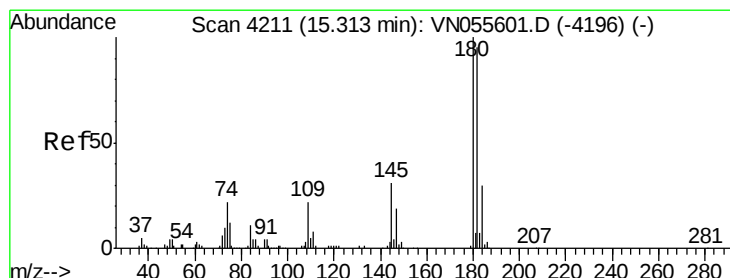
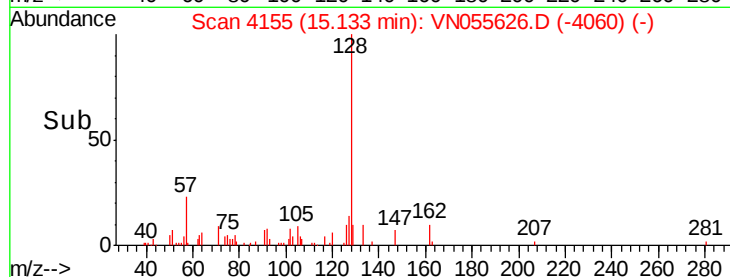
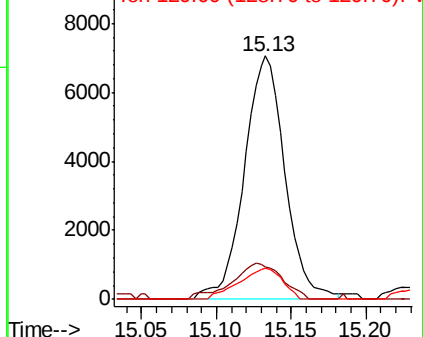
129 13.6 8.6 12.8#



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: 0.944 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055626.D

Acq: 17 May 2019 21:29

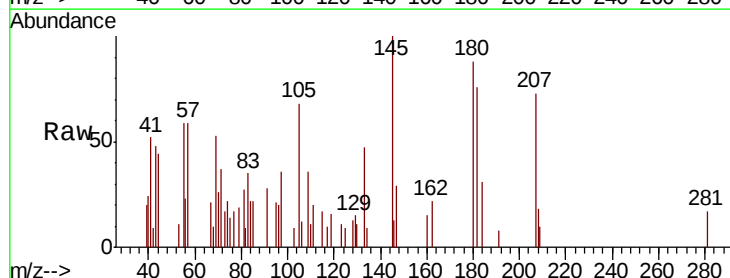
Tgt Ion:180 Resp: 3034

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.6

145 131.7 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

