

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056280.D
 Acq On : 13 Jun 2019 14:43
 Operator : JC/SP
 Sample : K3345-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:12:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	355611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	588632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	286677	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	191883	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
35) Dibromofluoromethane	7.59	113	176226	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.09	98	731516	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.40	95	283038	59.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.78%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	4.77	59	141	0.229	ug/l #	74
13) Acrolein	3.55	56	2818	15.902	ug/l #	1
14) Allyl chloride	4.40	41	6852	1.454	ug/l #	72
15) Acrylonitrile	5.05	53	1682	1.125	ug/l #	29
16) Acetone	3.83	43	11322	6.704	ug/l	93
17) Carbon Disulfide	4.03	76	3392	0.475	ug/l #	74
18) Methyl Acetate	4.34	43	2743	0.252	ug/l #	85
25) 2-Butanone	6.85	43	449	0.210	ug/l #	47
26) 2,2-Dichloropropane	6.62	77	1553	0.354	ug/l #	51
31) Cyclohexane	7.65	56	41485	7.404	ug/l #	83
36) 1,1-Dichloropropene	7.67	75	22374	4.421	ug/l #	42
38) Carbon Tetrachloride	7.66	117	29793	6.385	ug/l #	14
39) Methylcyclohexane	9.08	83	50474	8.005	ug/l	98
40) Benzene	8.04	78	6273	0.408	ug/l	98
41) Methacrylonitrile	7.18	41	836	0.403	ug/l #	19
43) Isopropyl Acetate	8.15	43	3992	0.547	ug/l #	53
47) Bromodichloromethane	9.39	83	1980	0.424	ug/l #	25
48) Methyl methacrylate	9.22	41	1417	0.397	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	1455	0.319	ug/l	89
52) Toluene	10.16	92	307380	32.133	ug/l	100
53) t-1,3-Dichloropropene	10.16	75	3177	2.951	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	8163	2.154	ug/l #	22
58) 2-Chloroethyl Vinyl ether	9.67	63	64	14.902	ug/l #	46
59) 2-Hexanone	10.72	43	3058	0.925	ug/l #	23
67) Ethyl Benzene	11.51	91	6335021	307.455	ug/l	100
68) m/p-Xylenes	11.63	106	4044109	513.784	ug/l	100
69) o-Xylene	11.95	106	1964985	253.788	ug/l	98
70) Styrene	11.95	104	101656	8.263	ug/l #	1
71) Bromoform	12.40	173	2068	3.311	ug/l #	1
73) Isopropylbenzene	12.25	105	699647	33.437	ug/l	100
76) 1,2,3-Trichloropropane	12.59	75	5052	0.958	ug/l #	100
78) n-propylbenzene	12.59	91	949876	39.166	ug/l	99
79) 2-Chlorotoluene	12.69	91	225598	15.152	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	2804492	145.499	ug/l	100

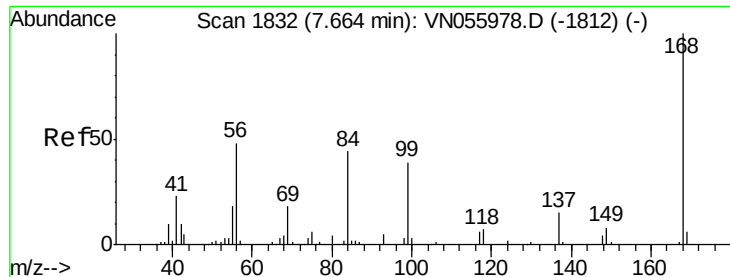
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056280.D
 Acq On : 13 Jun 2019 14:43
 Operator : JC/SP
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Quant Time: Jun 14 01:12:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.25	75	6894	4.352	ug/l #	45
82) 4-Chlorotoluene	12.73	91	273948	19.307	ug/l #	39
83) tert-Butylbenzene	13.04	119	1017745	69.094	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	8136081	445.117	ug/l	99
85) sec-Butylbenzene	13.04	105	8136081	378.810	ug/l #	55
86) p-Isopropyltoluene	13.23	119	219985	11.444	ug/l	97
89) n-Butylbenzene	13.58	91	67493	4.740	ug/l #	1
90) Hexachloroethane	13.89	117	70325	24.260	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.25	75	6678	7.016	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	205	4.305	ug/l #	1
95) Naphthalene	15.13	128	2332131	160.832	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	656	3.146	ug/l #	86

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

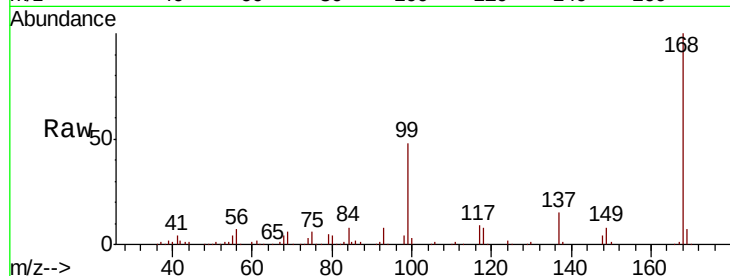
ClientSampled :

Tot Ion:168 Resp: 355611

Ion Ratio Lower Upper

168 100

99 48.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

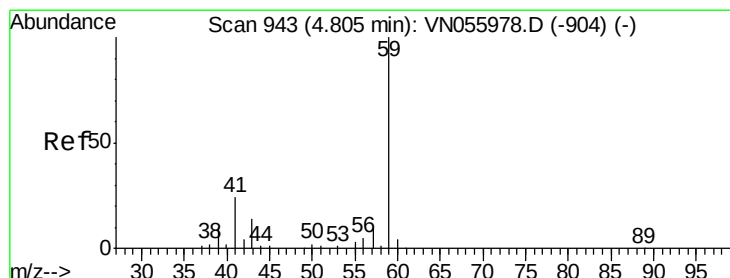
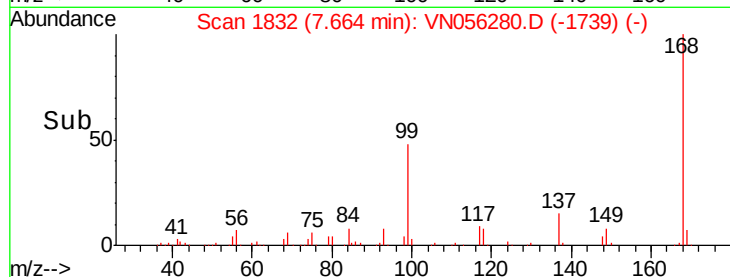
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.229 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.04 min

Lab File: VN056280.D

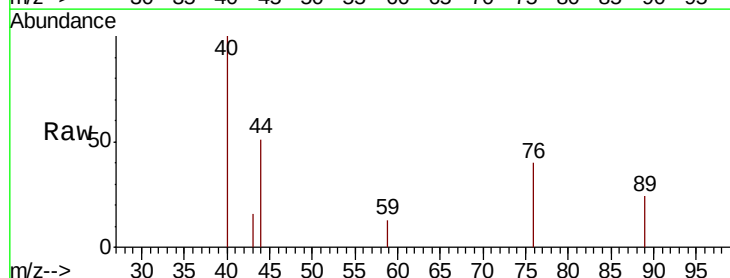
Acq: 13 Jun 2019 14:43

Tgt Ion: 59 Resp: 141

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055978.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN055978.D (-904) (-)

4.77

250

200

150

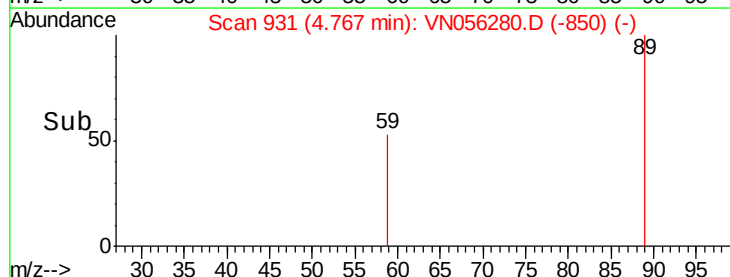
100

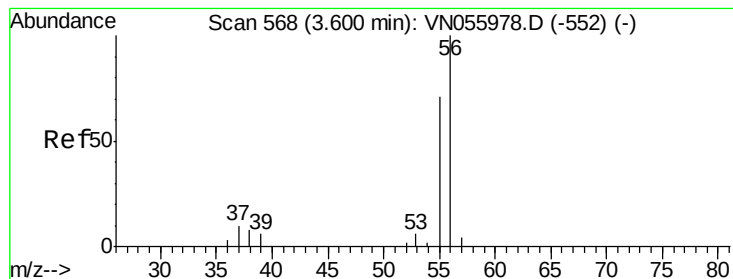
50

0

4.76 4.77 4.78

Time-->





#13

Acrolein

Concen: 15.902 ug/l

RT: 3.55 min Scan# 551

Delta R.T. -0.05 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

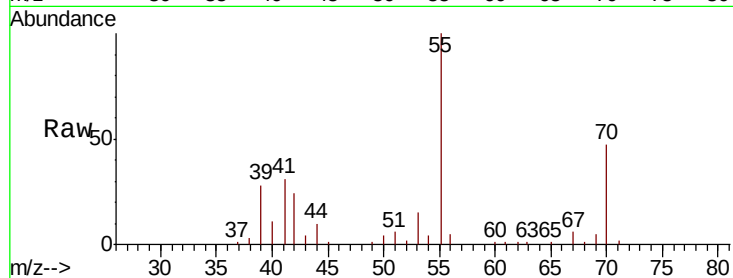
ClientSampled :

Tot Ion: 56 Resp: 2818

Ion Ratio Lower Upper

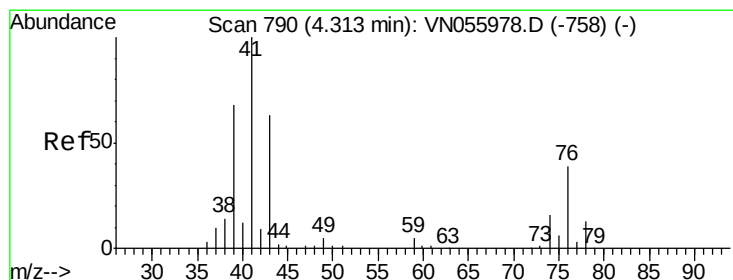
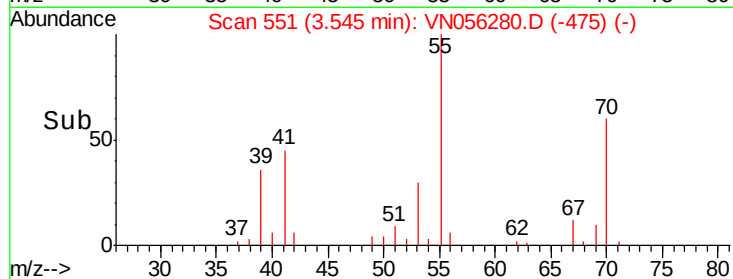
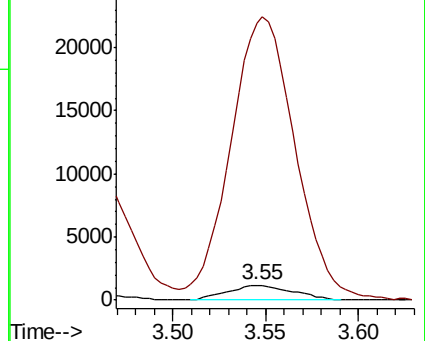
56 100

55 1928.0 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 1.454 ug/l

RT: 4.40 min Scan# 817

Delta R.T. 0.09 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

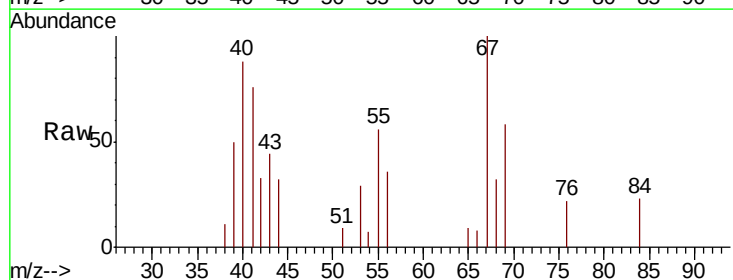
Tgt Ion: 41 Resp: 6852

Ion Ratio Lower Upper

41 100

39 70.8 50.0 75.0

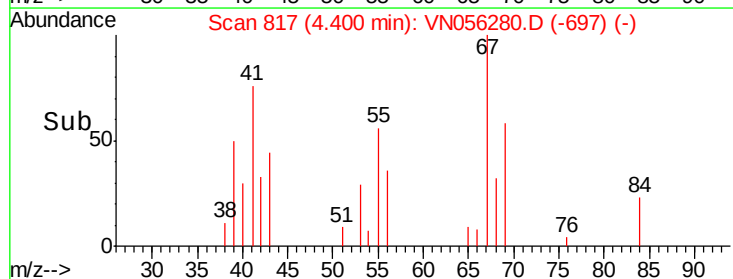
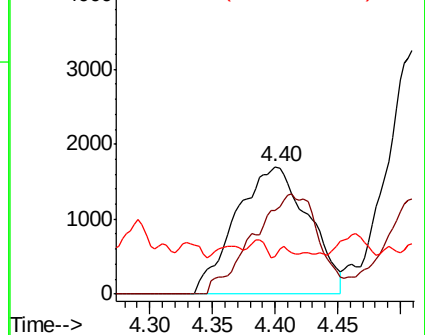
76 1.6 28.2 42.2#

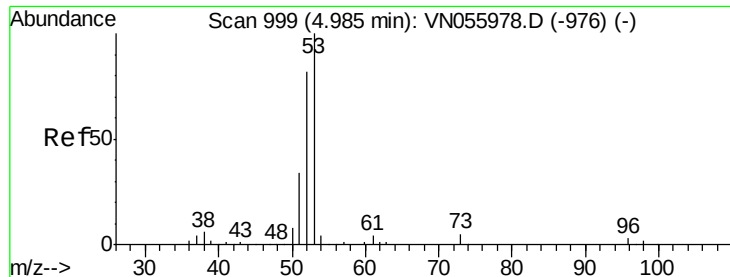


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 1.125 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.06 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

ClientSampled :

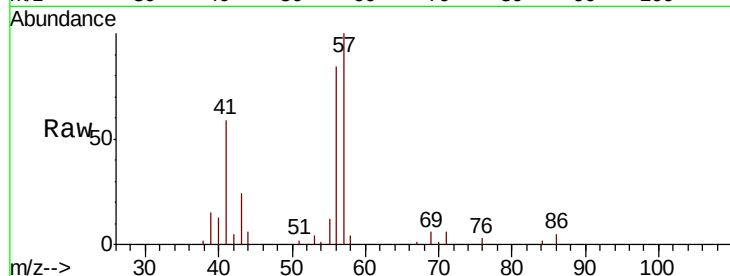
Tot Ion: 53 Resp: 1682

Ion Ratio Lower Upper

53 100

52 0.0 65.8 98.8#

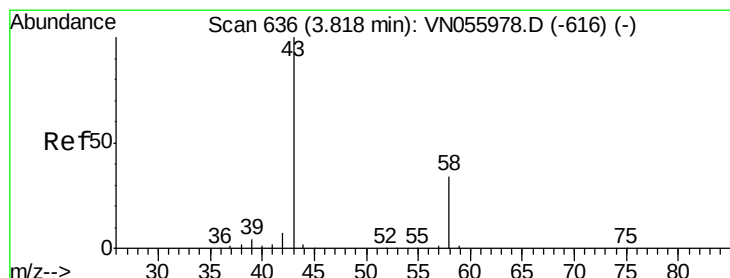
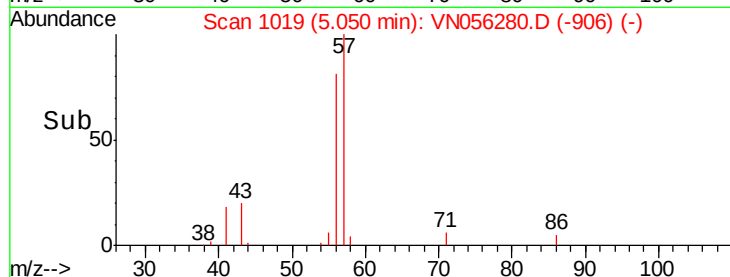
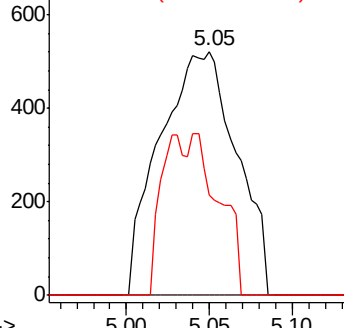
51 22.9 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 6.704 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056280.D

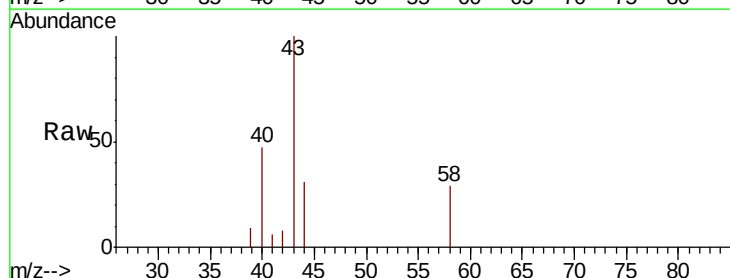
Acq: 13 Jun 2019 14:43

Tgt Ion: 43 Resp: 11322

Ion Ratio Lower Upper

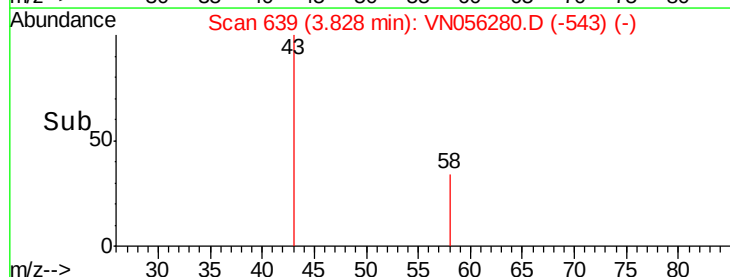
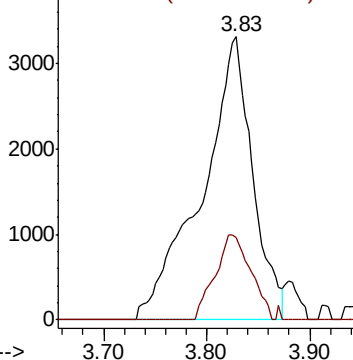
43 100

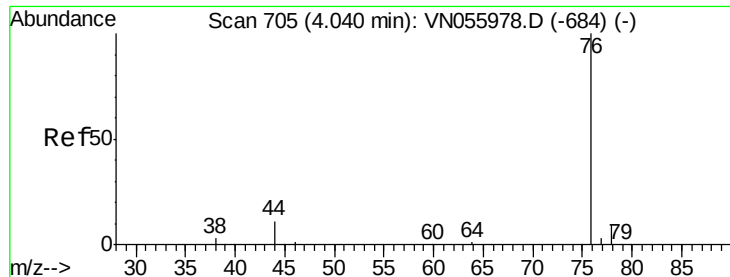
58 29.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.475 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.01 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

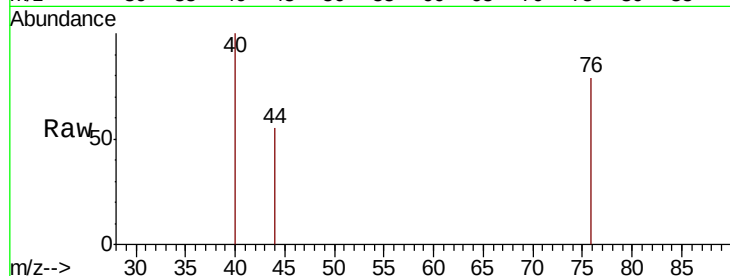
ClientSampled :

Tot Ion: 76 Resp: 3392

Ion Ratio Lower Upper

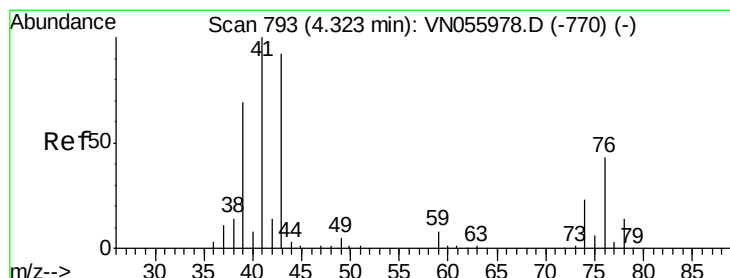
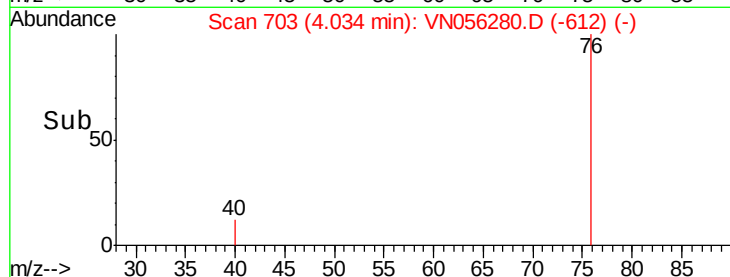
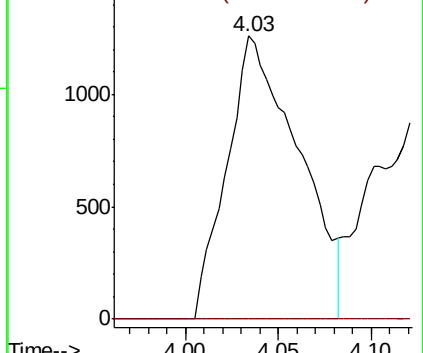
76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.252 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN056280.D

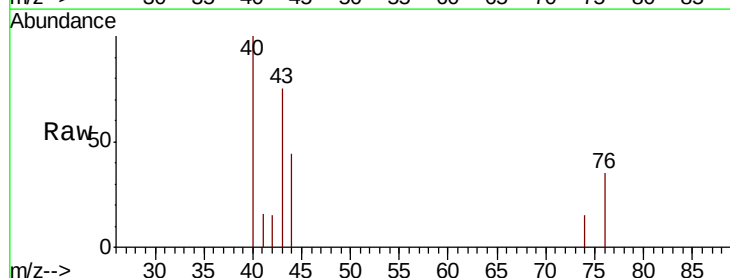
Acq: 13 Jun 2019 14:43

Tgt Ion: 43 Resp: 2743

Ion Ratio Lower Upper

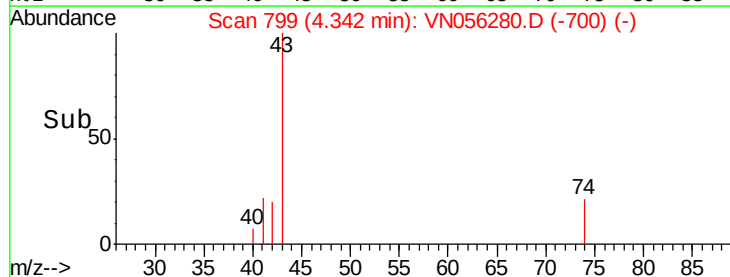
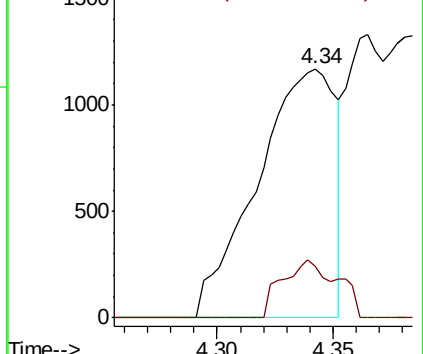
43 100

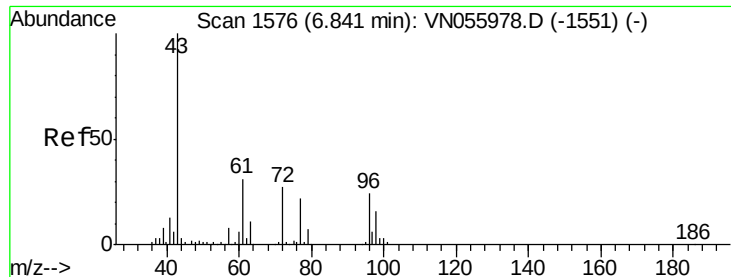
74 16.5 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 0.210 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

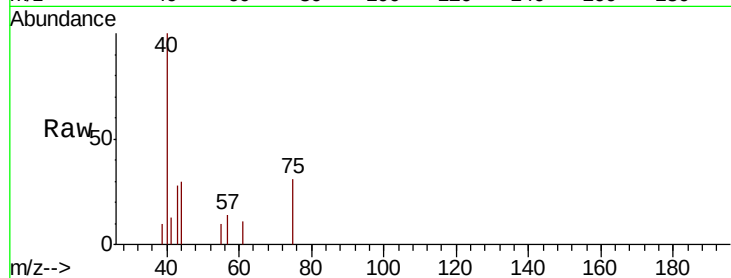
ClientSampled :

Tot Ion: 43 Resp: 449

Ion Ratio Lower Upper

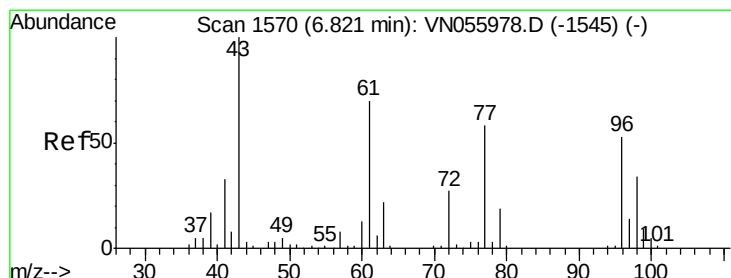
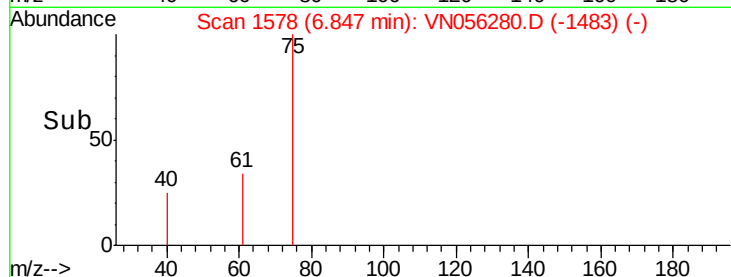
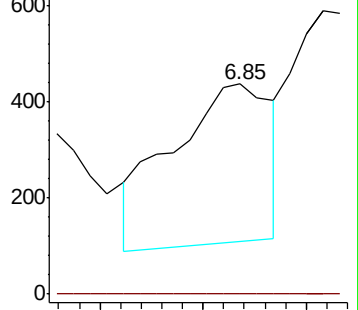
43 100

72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 0.354 ug/l

RT: 6.62 min Scan# 1507

Delta R.T. -0.20 min

Lab File: VN056280.D

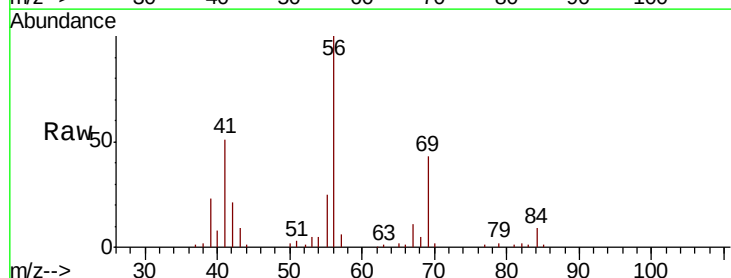
Acq: 13 Jun 2019 14:43

Tgt Ion: 77 Resp: 1553

Ion Ratio Lower Upper

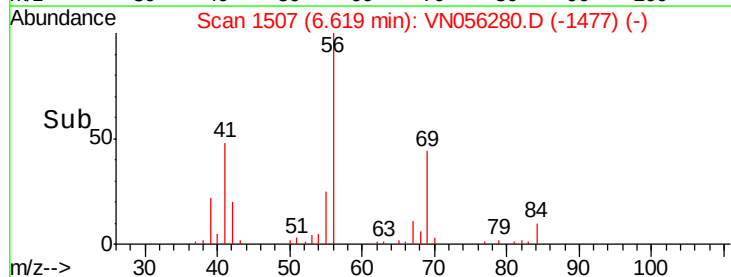
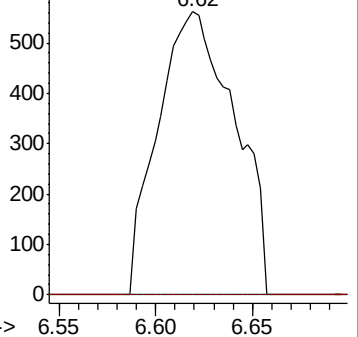
77 100

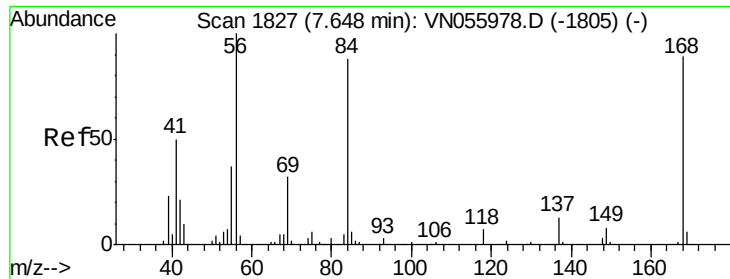
97 0.0 12.2 36.6#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

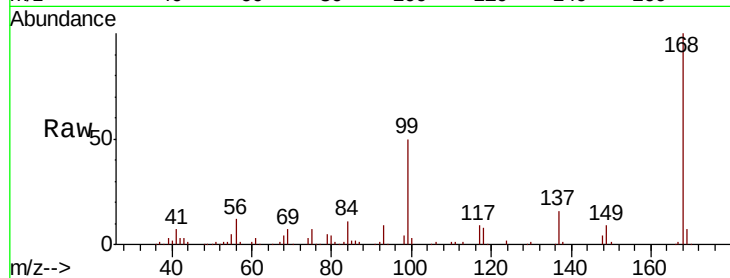




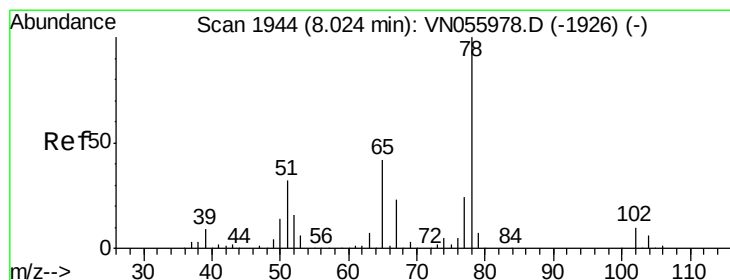
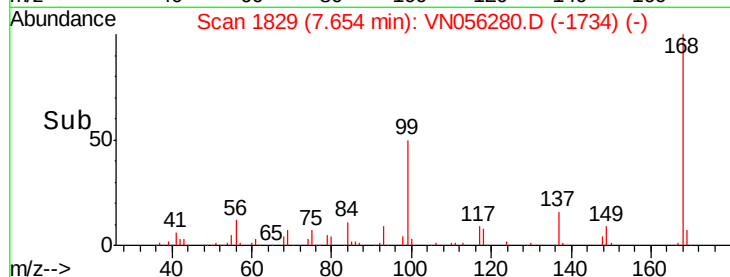
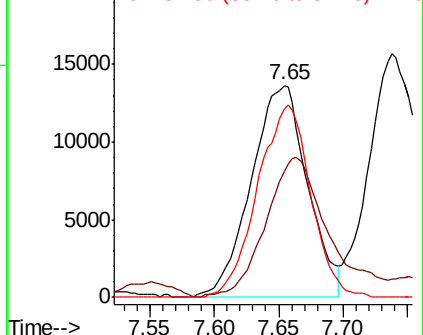
#31
Cyclohexane
Concen: 7.404 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 41485
Ion Ratio Lower Upper
56 100
69 57.9 25.6 38.4#
84 88.9 67.4 101.0

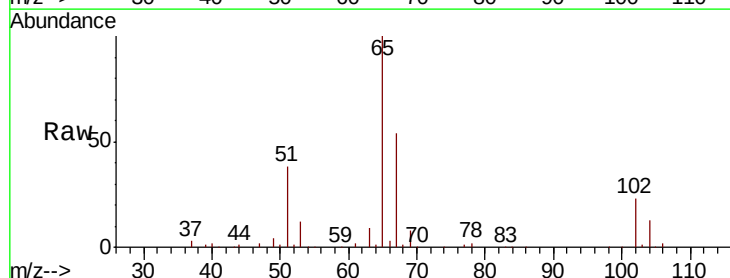


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

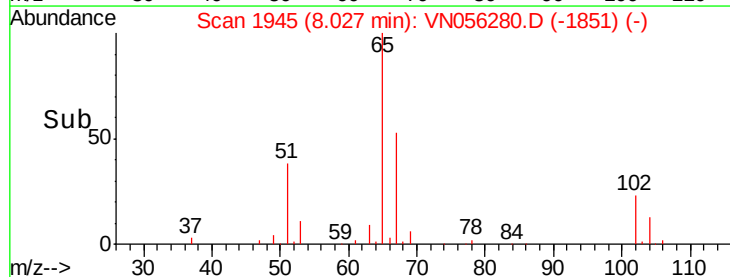
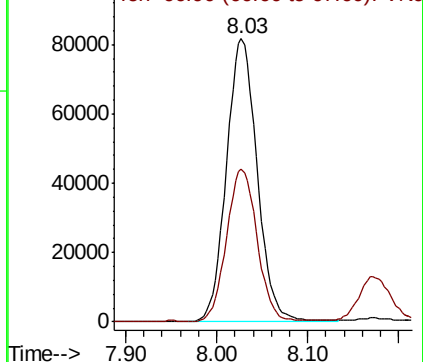


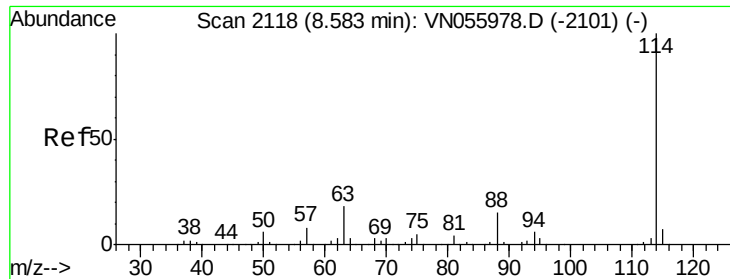
#33
1,2-Dichloroethane-d4
Concen: 54.344 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion: 65 Resp: 191883
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

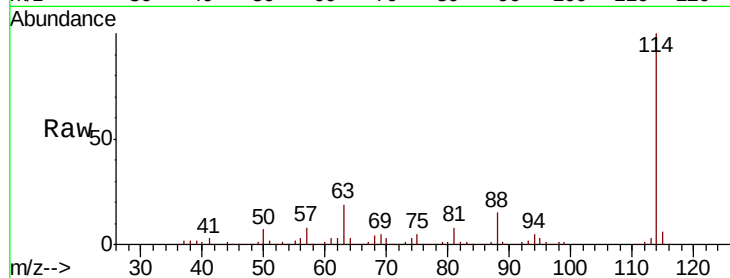




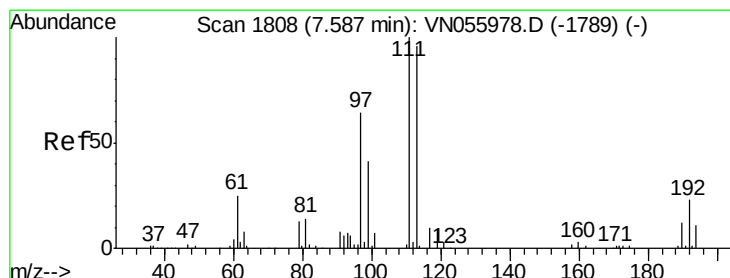
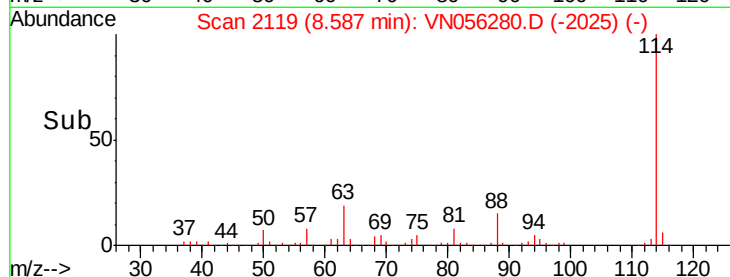
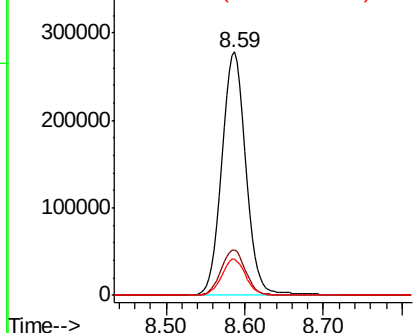
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 588632
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.2
88 14.7 0.0 31.0

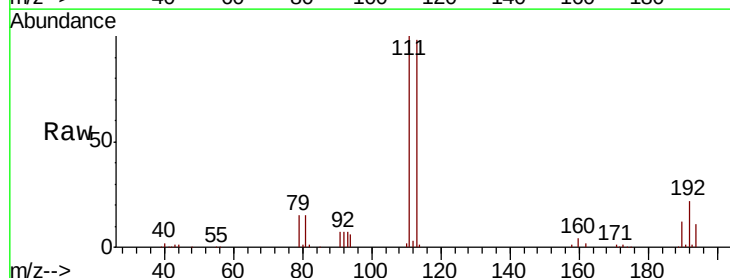


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

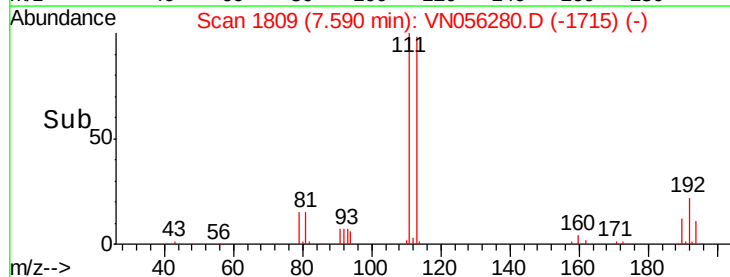
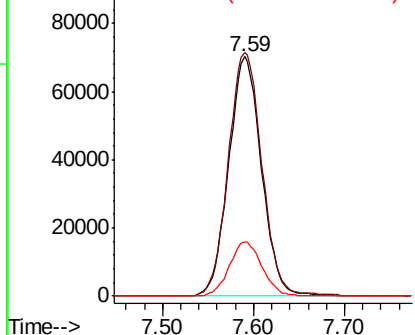


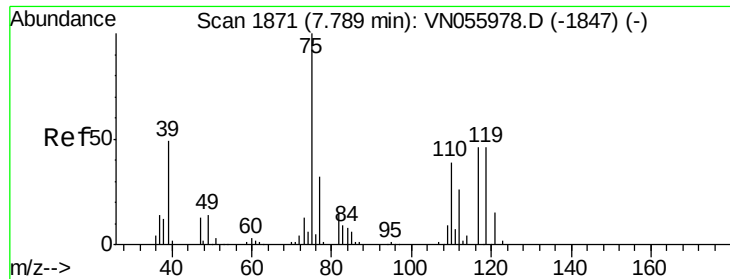
#35
Dibromofluoromethane
Concen: 48.796 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion:113 Resp: 176226
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 22.6 19.5 29.3



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

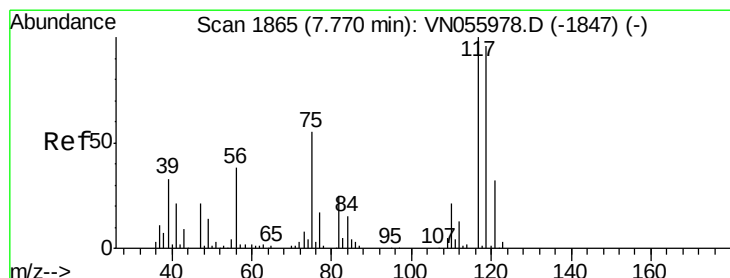
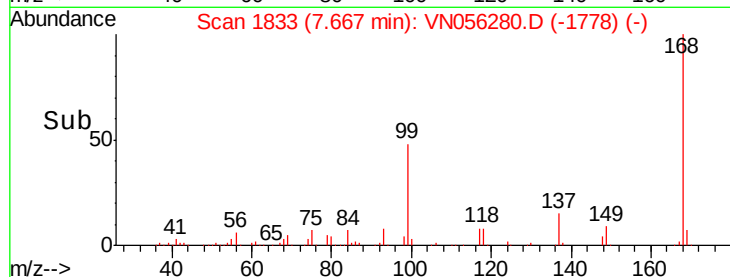
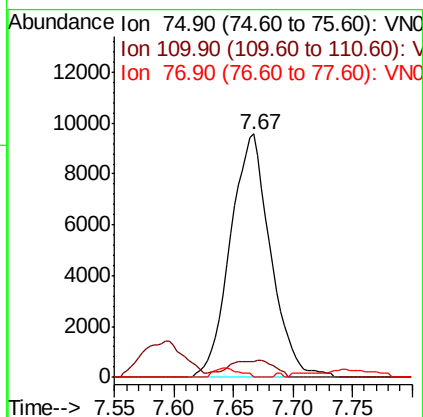
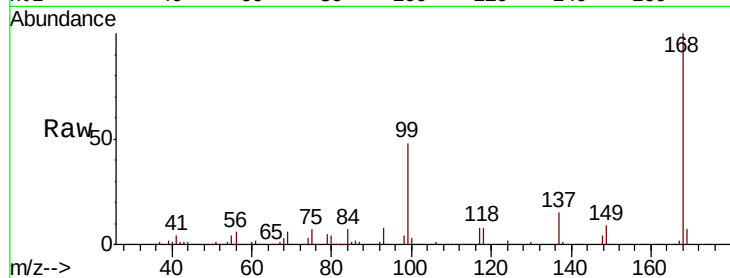




#36
 1,1-Dichloropropene
 Concen: 4.421 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056280.D
 Acq: 13 Jun 2019 14:43

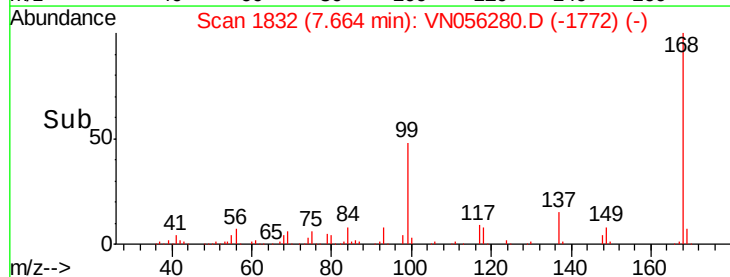
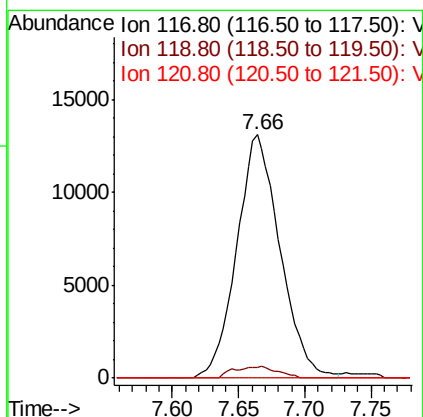
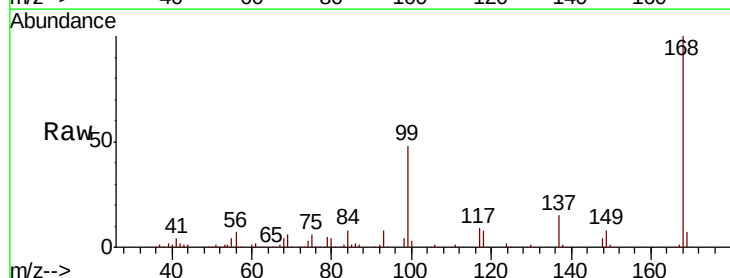
Instrument :
 MSVOA_N
 ClientSampleId :

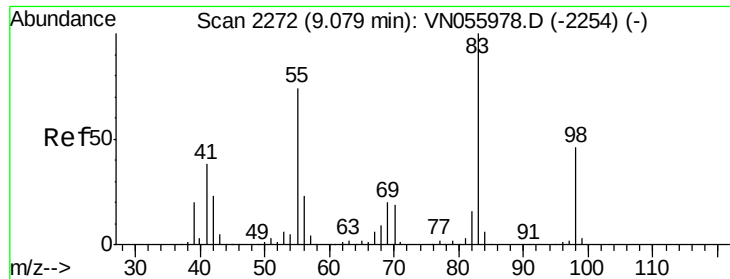
Tot Ion: 75 Resp: 22374
 Ion Ratio Lower Upper
 75 100
 110 2.7 19.0 57.0#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.385 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056280.D
 Acq: 13 Jun 2019 14:43

Tgt Ion: 117 Resp: 29793
 Ion Ratio Lower Upper
 117 100
 119 4.5 79.0 118.6#
 121 0.0 24.7 37.1#

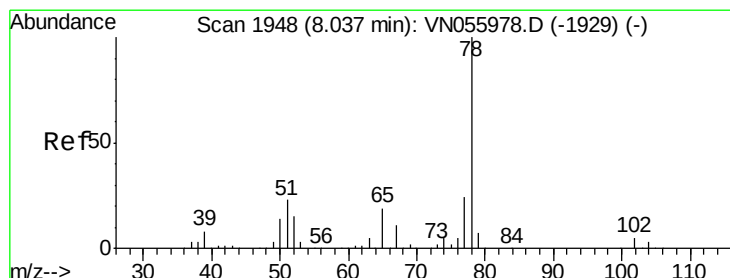
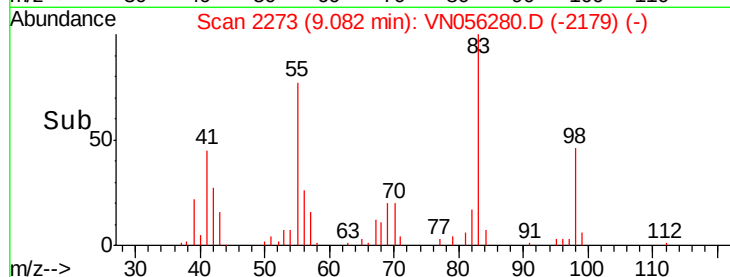
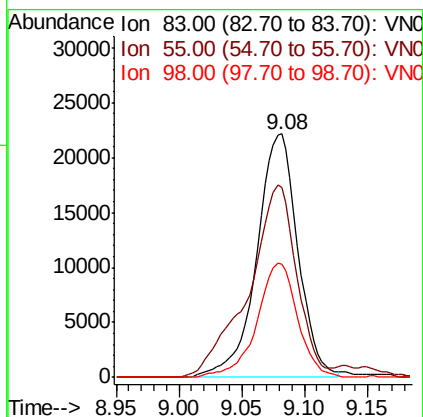
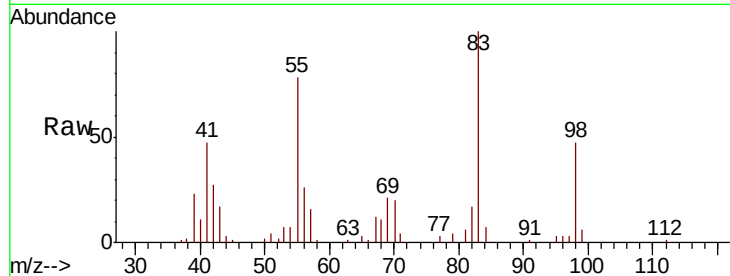




#39
Methylvlcyclohexane
Concen: 8.005 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

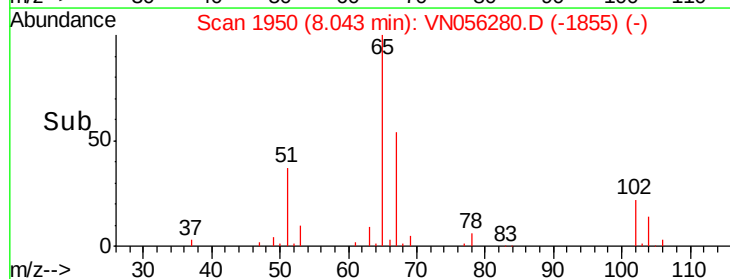
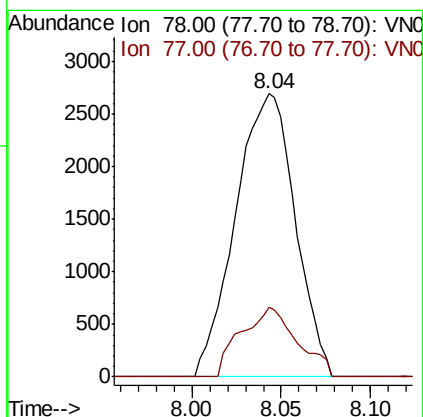
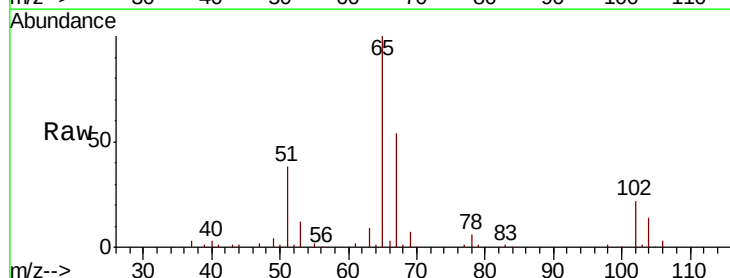
Instrument :
MSVOA_N
ClientSampled :

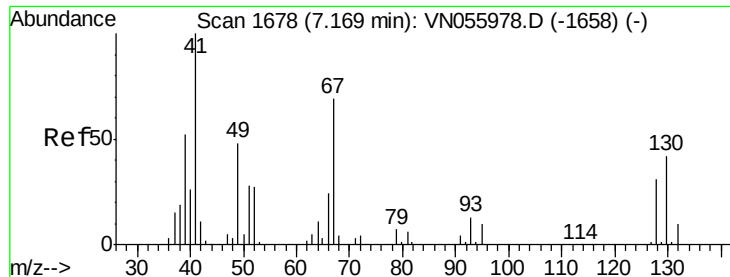
Tot Ion: 83 Resp: 50474
Ion Ratio Lower Upper
83 100
55 76.7 59.3 88.9
98 46.7 36.6 54.8



#40
Benzene
Concen: 0.408 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.01 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion: 78 Resp: 6273
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2

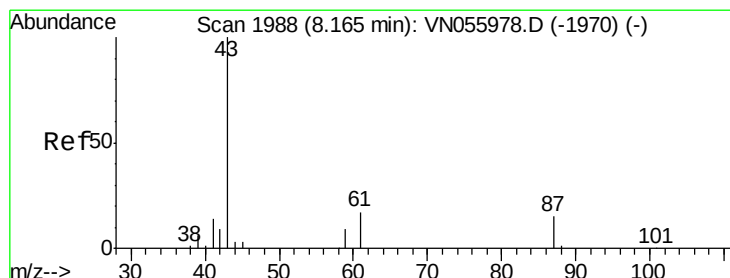
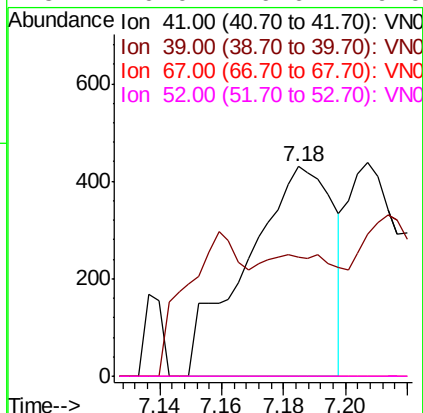
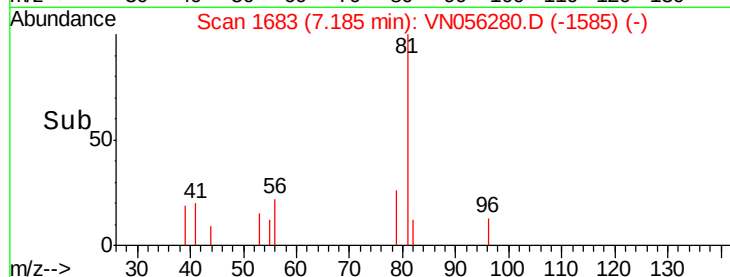
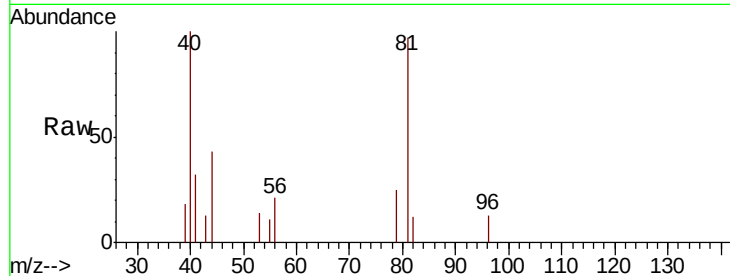




#41
Methacrylonitrile
Concen: 0.403 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.02 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

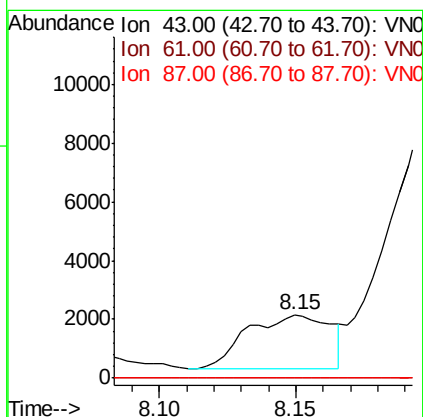
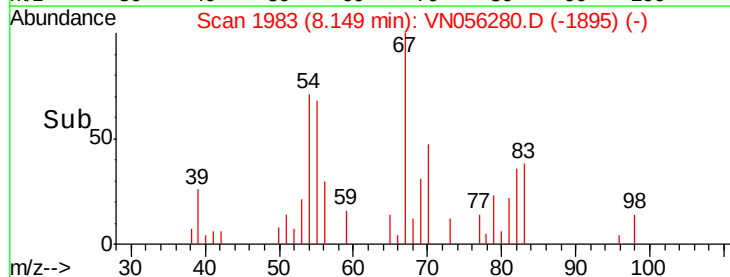
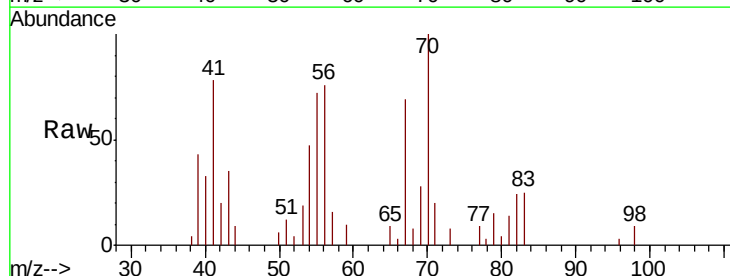
Instrument :
MSVOA_N
ClientSampled :

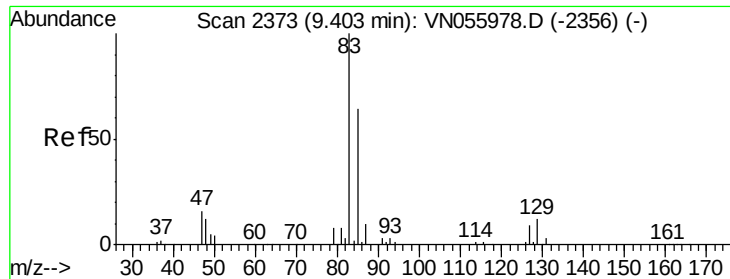
Tot Ion: 41 Resp: 836
Ion Ratio Lower Upper
41 100
39 0.0 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 0.547 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.02 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion: 43 Resp: 3992
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.4#
87 0.0 11.4 17.2#





#47

Bromodichloromethane

Concen: 0.424 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.01 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

ClientSampled :

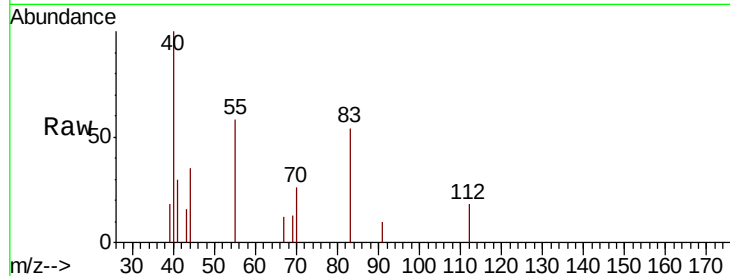
Tot Ion: 83 Resp: 1980

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.2#

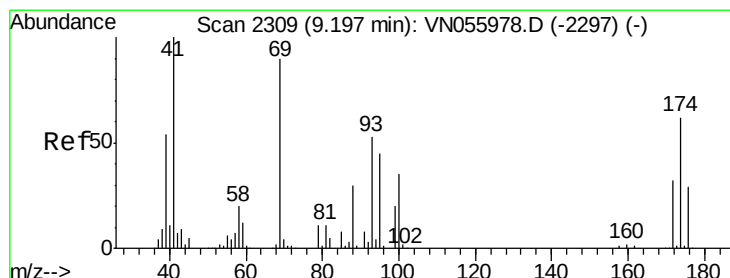
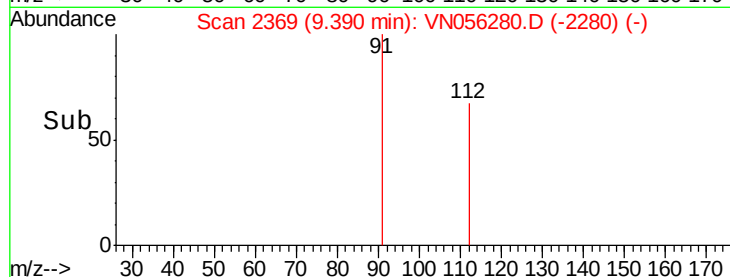
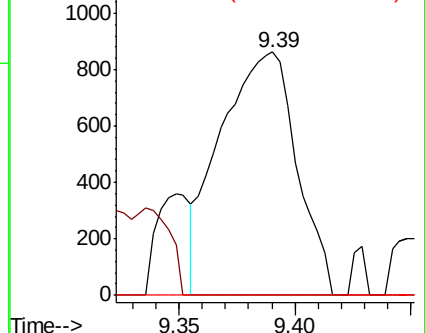
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 0.397 ug/l

RT: 9.22 min Scan# 2317

Delta R.T. 0.03 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

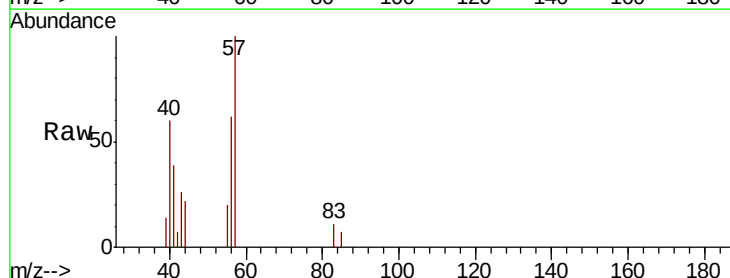
Tgt Ion: 41 Resp: 1417

Ion Ratio Lower Upper

41 100

69 0.0 71.0 106.6#

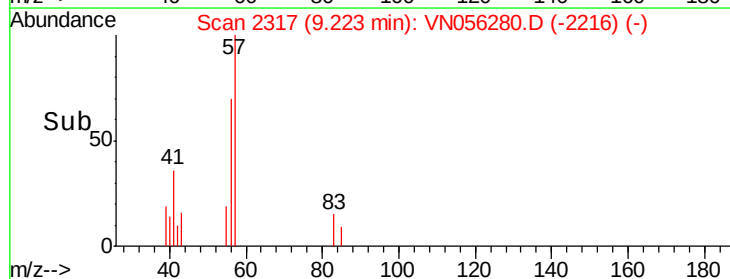
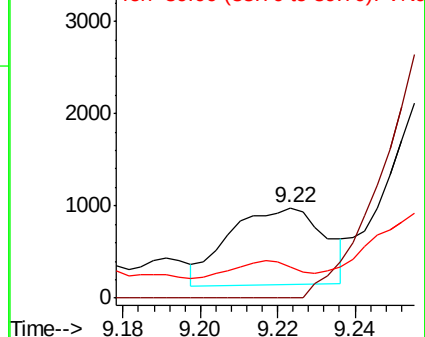
39 0.0 44.2 66.2#

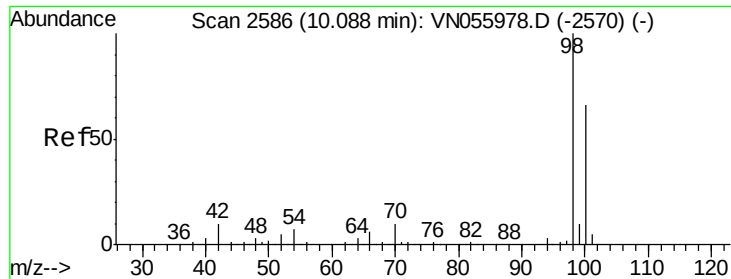


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 52.639 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

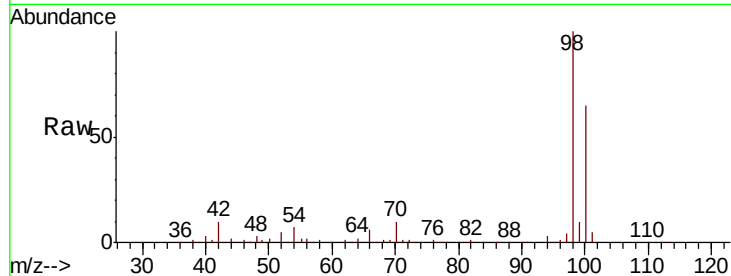
ClientSampled :

Tot Ion: 98 Resp: 731516

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

400000

300000

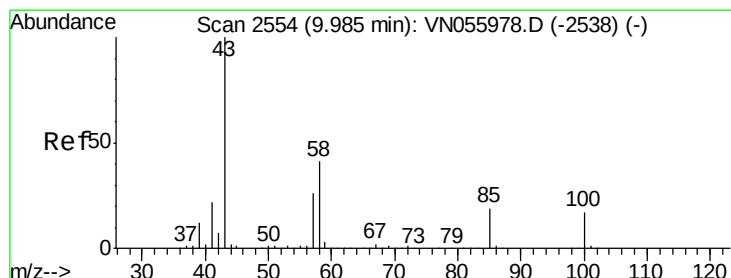
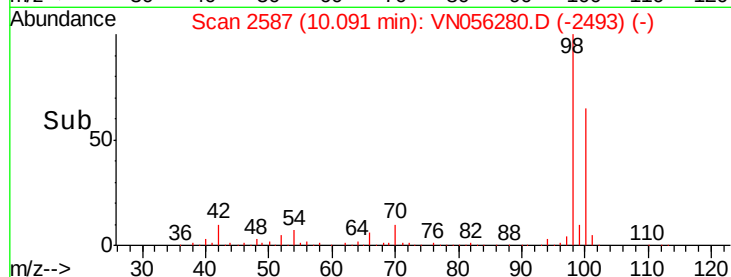
200000

100000

0

10.00 10.10 10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.319 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN056280.D

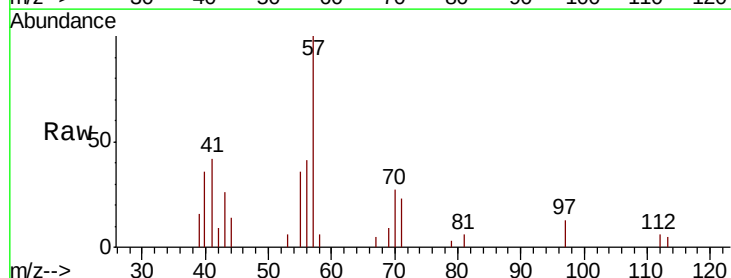
Acq: 13 Jun 2019 14:43

Tgt Ion: 43 Resp: 1455

Ion Ratio Lower Upper

43 100

58 33.0 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

10.02

1500

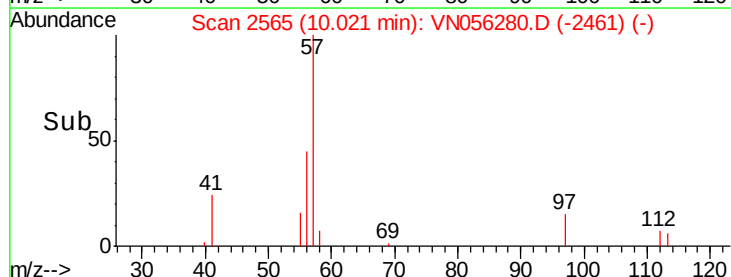
1000

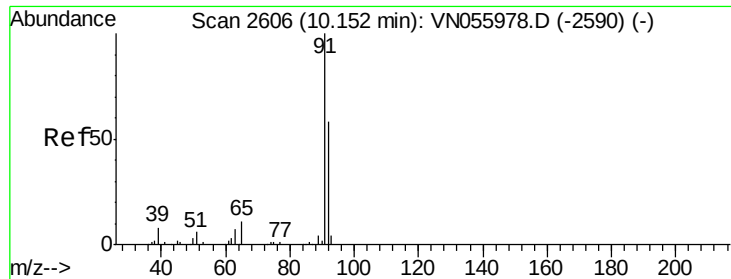
500

0

10.00 10.05

Time-->





#52

Toluene

Concen: 32.133 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

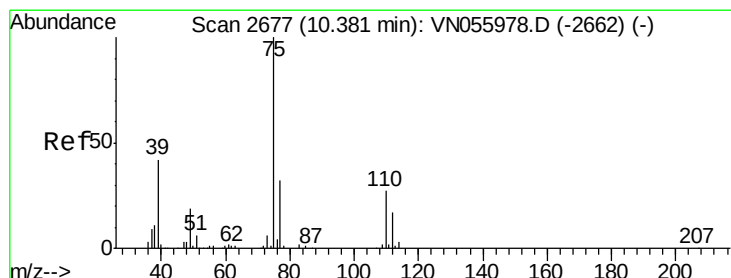
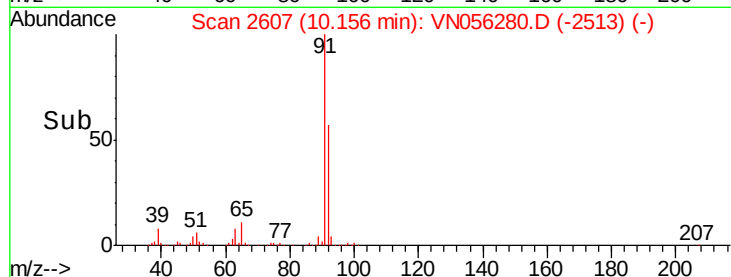
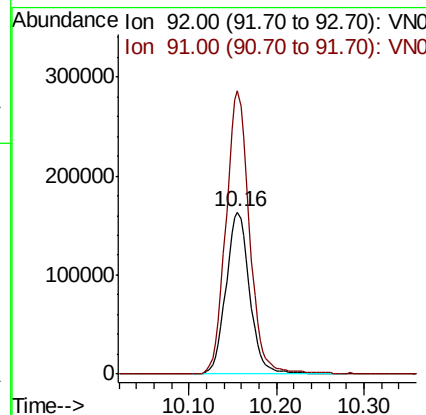
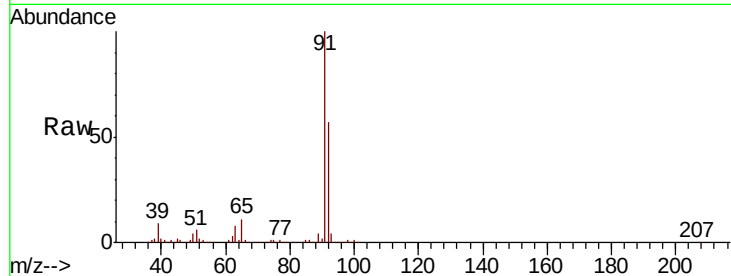
ClientSampleId :

Tot Ion: 92 Resp: 307380

Ion Ratio Lower Upper

92 100

91 173.9 139.4 209.2



#53

t-1,3-Dichloropropene

Concen: 2.951 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN056280.D

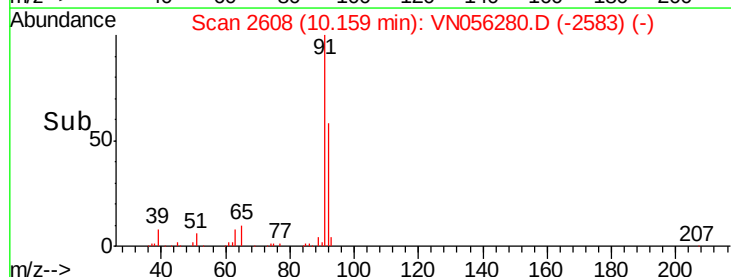
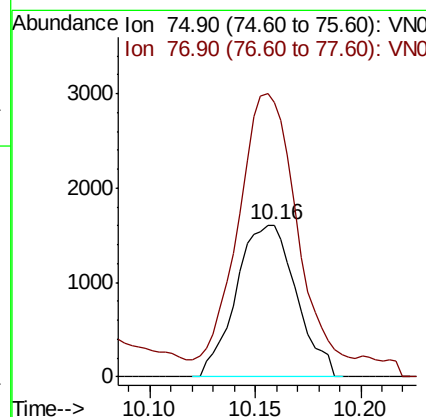
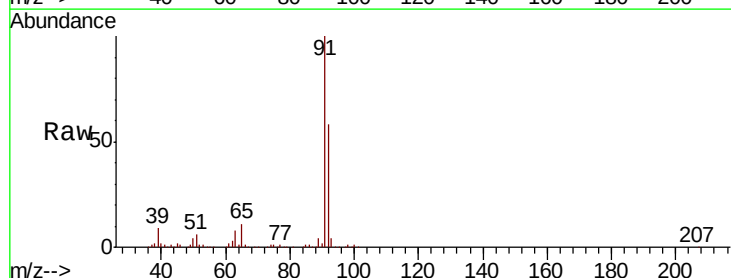
Acq: 13 Jun 2019 14:43

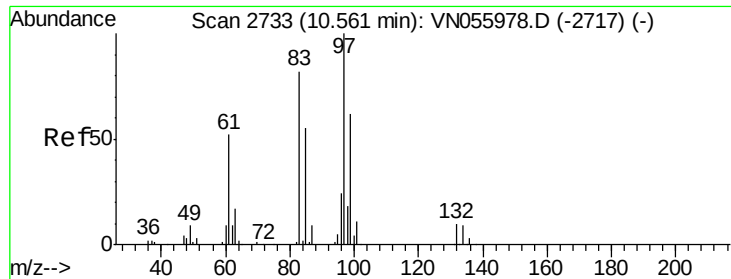
Tgt Ion: 75 Resp: 3177

Ion Ratio Lower Upper

75 100

77 169.1 25.8 38.6#

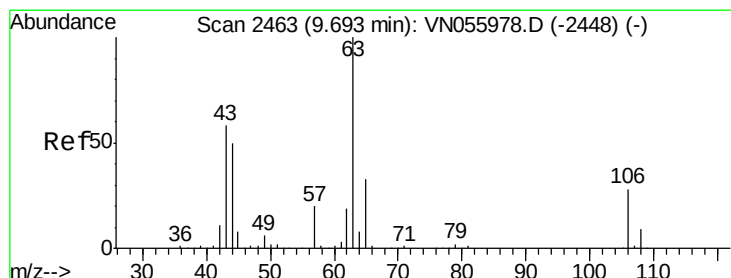
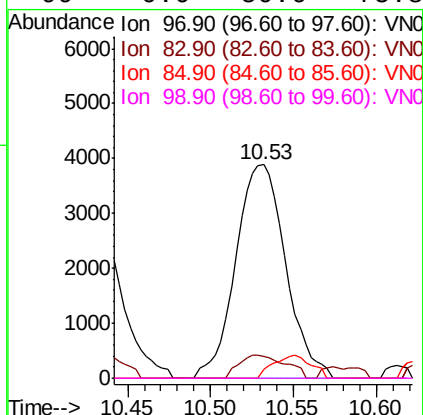
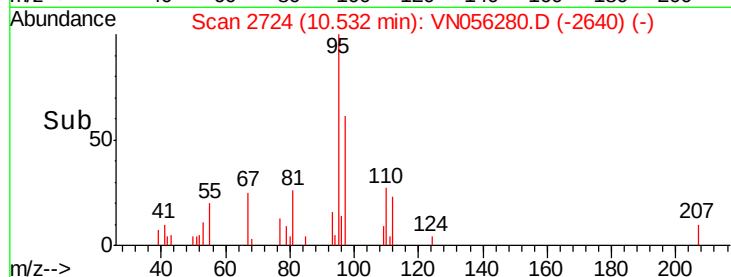
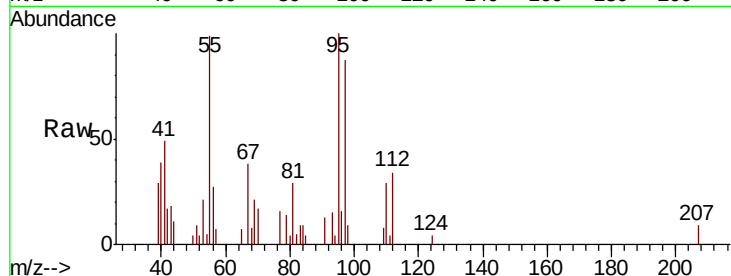




#55
 1,1,2-Trichloroethane
 Concen: 2.154 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN056280.D
 Acq: 13 Jun 2019 14:43

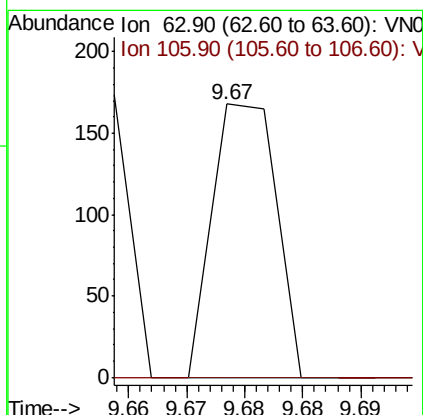
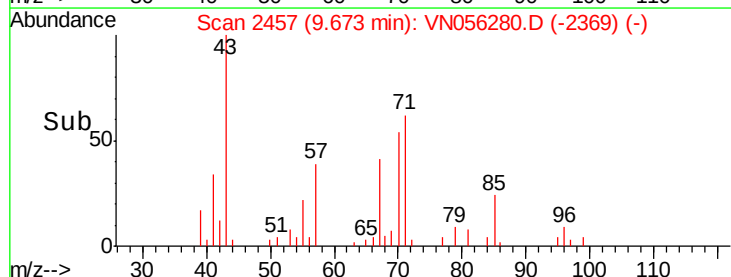
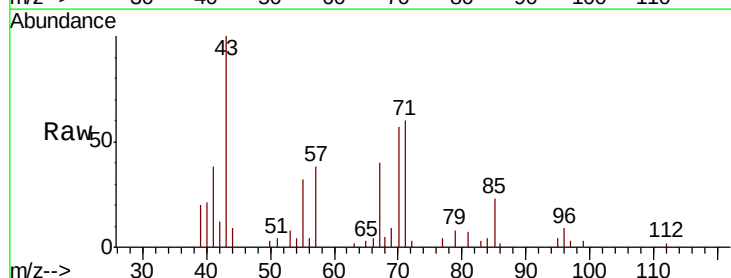
Instrument :
 MSVOA_N
 ClientSampleId :

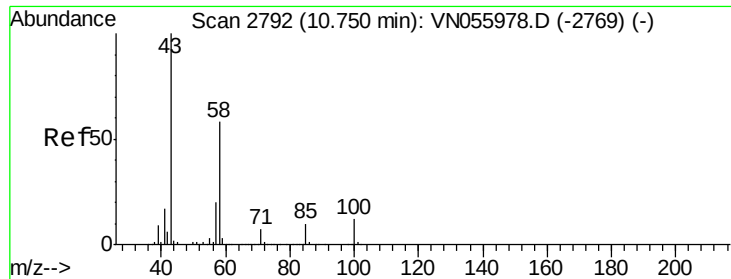
Tot Ion: 97 Resp: 8163
 Ion Ratio Lower Upper
 97 100
 83 10.0 67.0 100.6#
 85 4.1 44.0 66.0#
 99 0.0 50.6 75.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.902 ug/l
 RT: 9.67 min Scan# 2457
 Delta R.T. -0.02 min
 Lab File: VN056280.D
 Acq: 13 Jun 2019 14:43

Tgt Ion: 63 Resp: 64
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

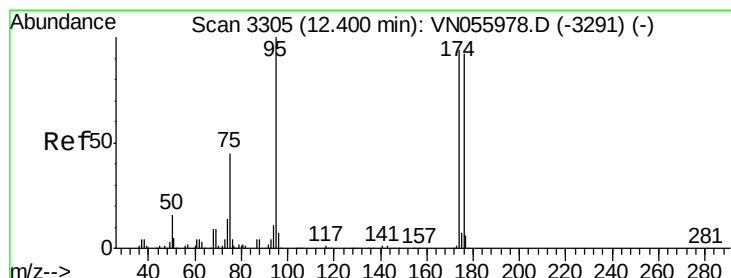
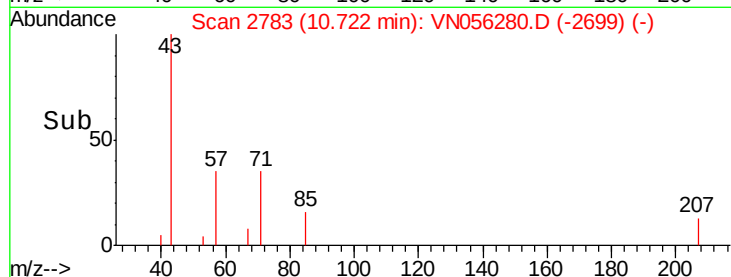
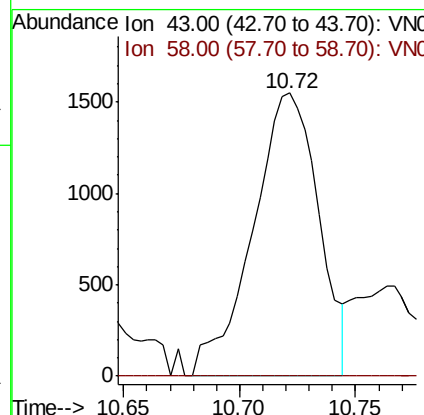
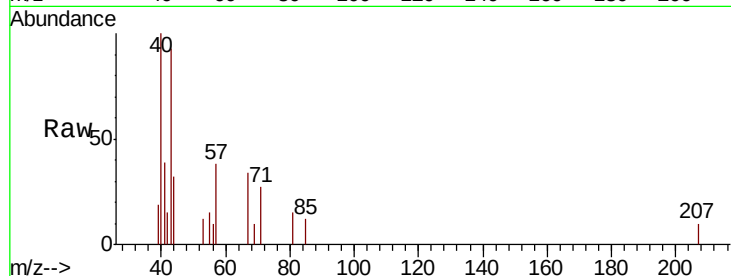




#59
2-Hexanone
Concen: 0.925 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.03 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

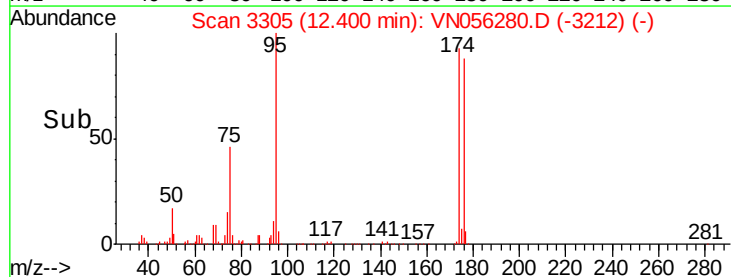
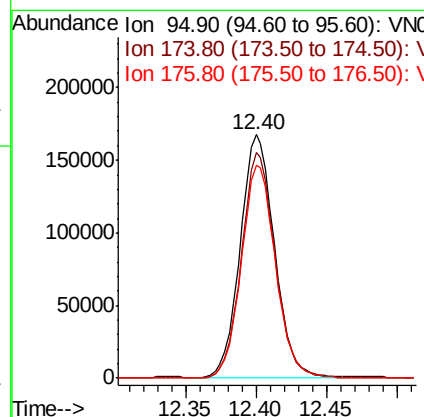
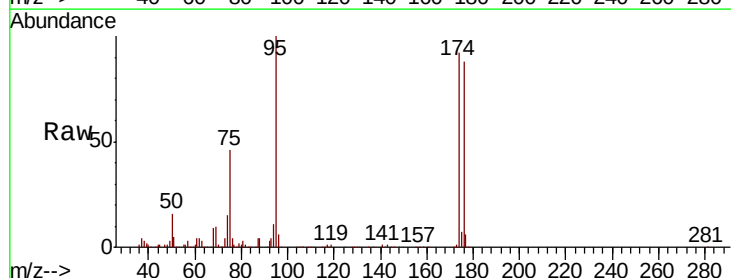
Instrument :
MSVOA_N
ClientSampleId :

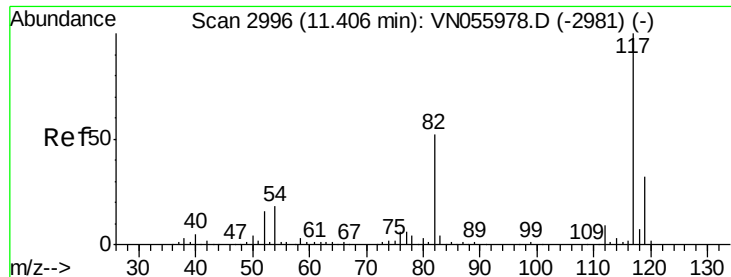
Tot Ion: 43 Resp: 3058
Ion Ratio Lower Upper
43 100
58 0.0 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 59.890 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion: 95 Resp: 283038
Ion Ratio Lower Upper
95 100
174 91.8 0.0 191.0
176 88.2 0.0 185.2

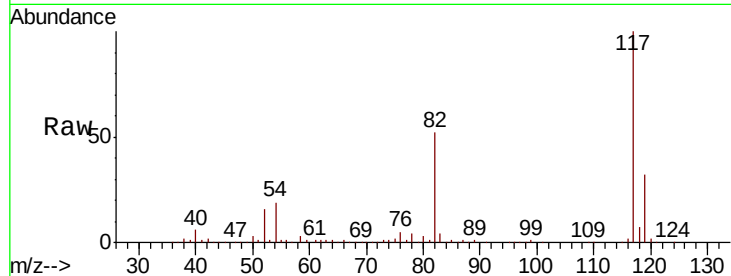




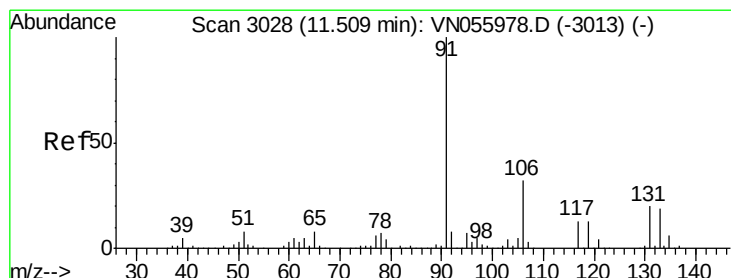
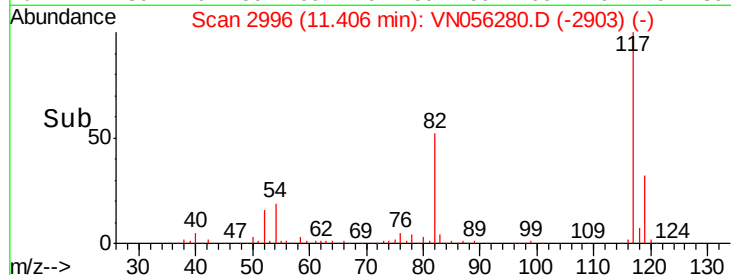
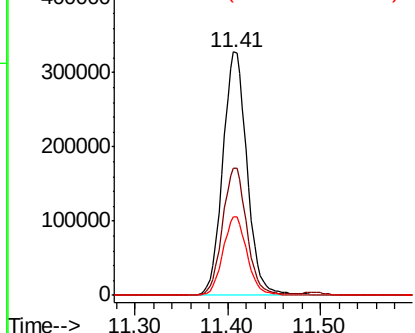
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 595402
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.3 25.4 38.0

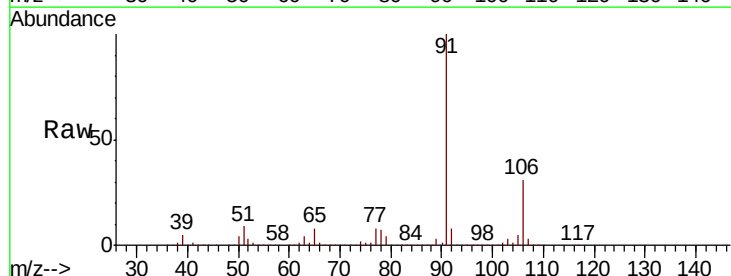


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

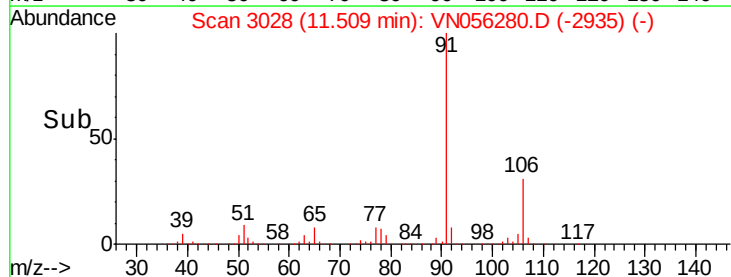
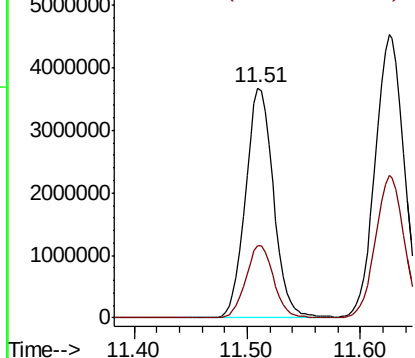


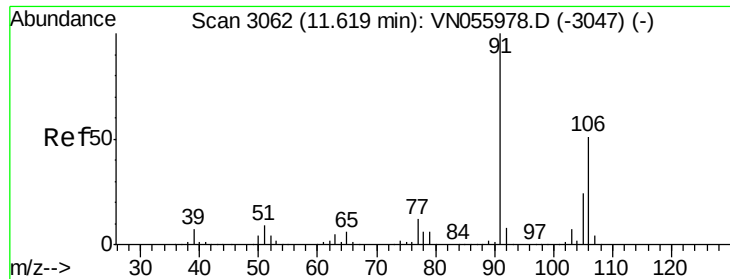
#67
Ethyl Benzene
Concen: 307.455 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion: 91 Resp: 6335021
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



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

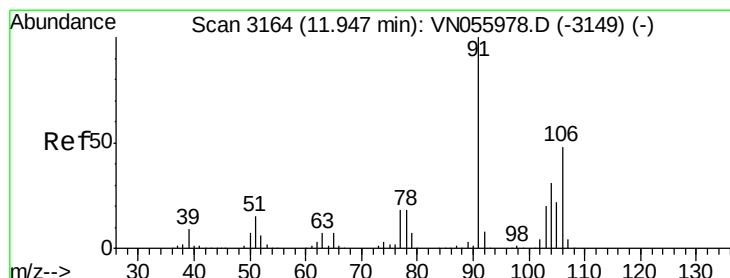
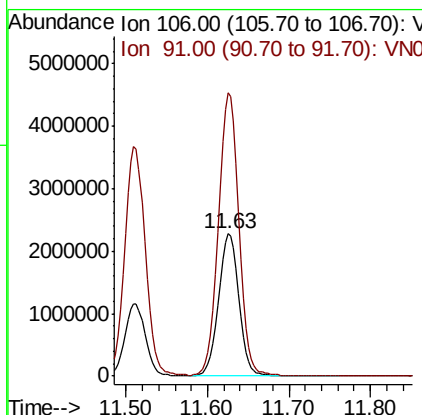
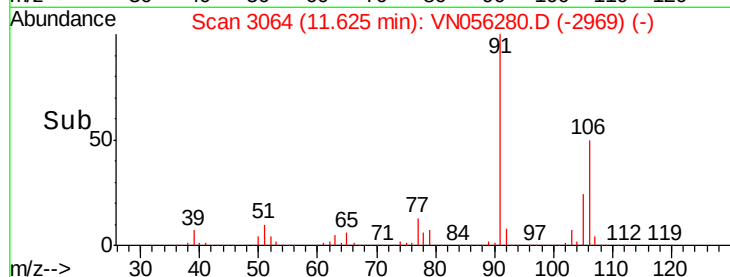
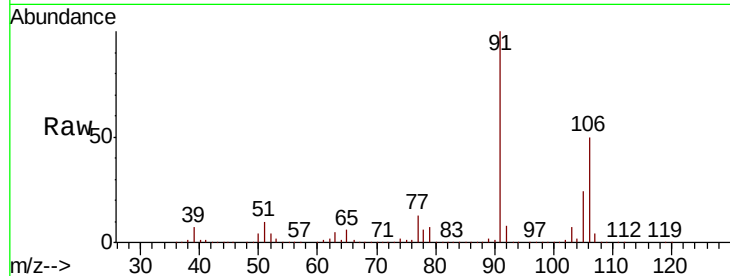




#68
m/p-Xylenes
Concen: 513.784 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

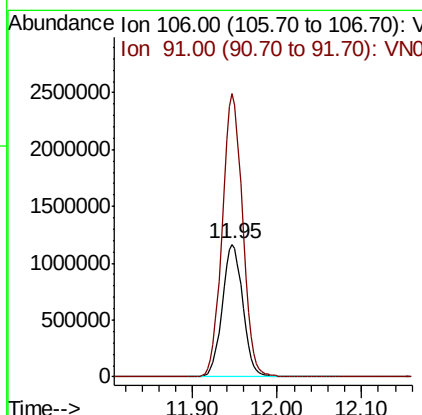
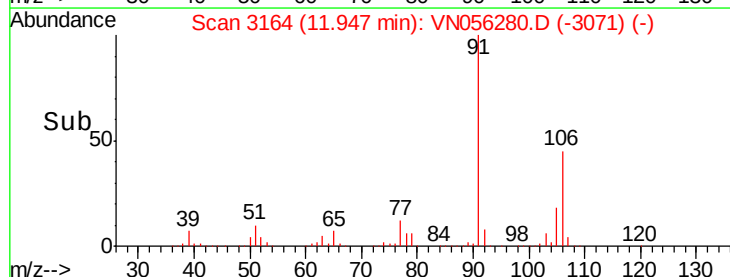
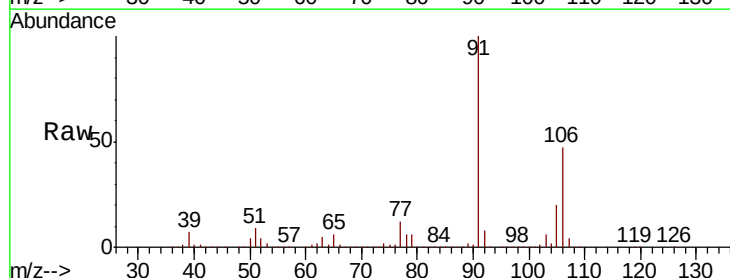
Instrument :
MSVOA_N
ClientSampleId :

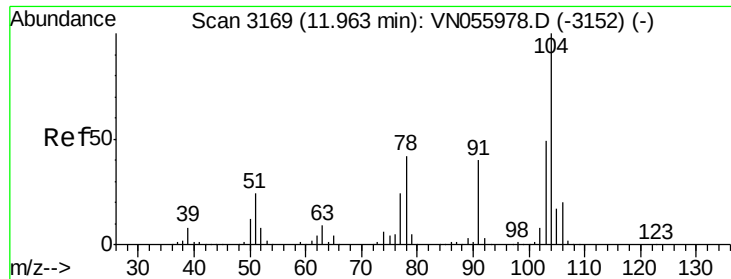
Tot Ion:106 Resp: 4044109
Ion Ratio Lower Upper
106 100
91 199.8 159.3 238.9



#69
o-Xylene
Concen: 253.788 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion:106 Resp: 1964985
Ion Ratio Lower Upper
106 100
91 212.0 104.7 314.1

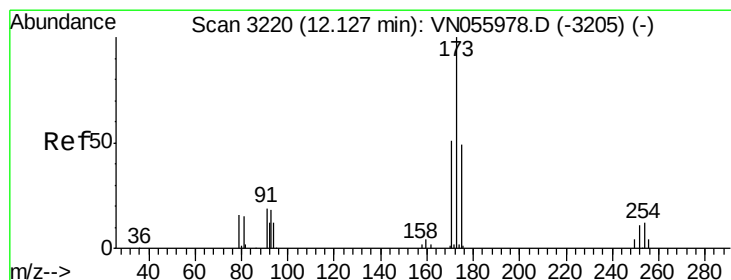
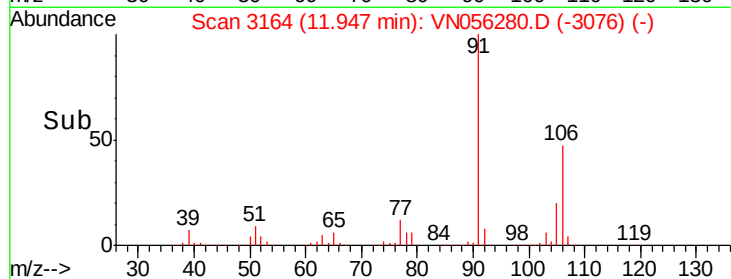
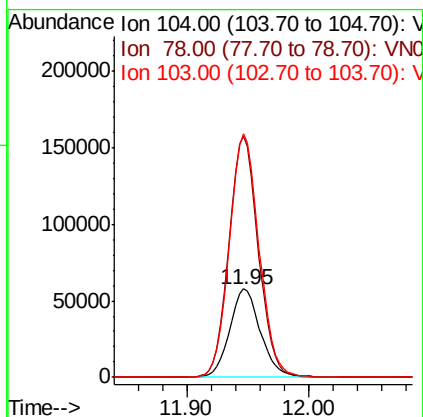
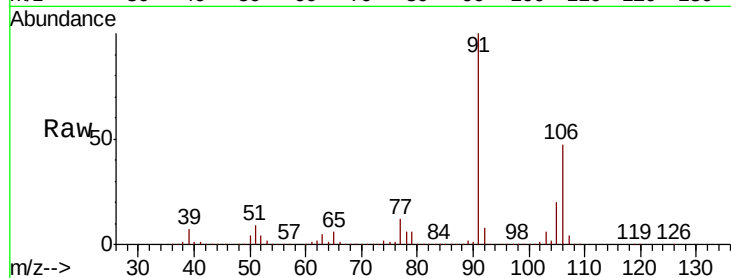




#70
Stvrene
Concen: 8.263 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

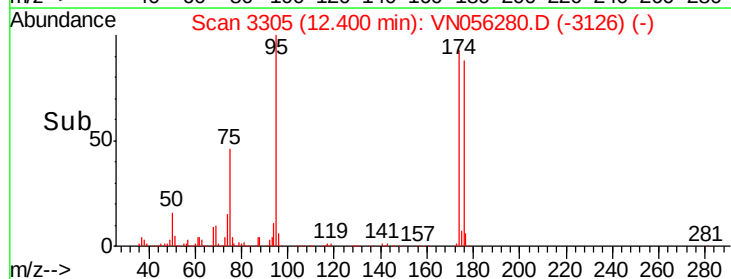
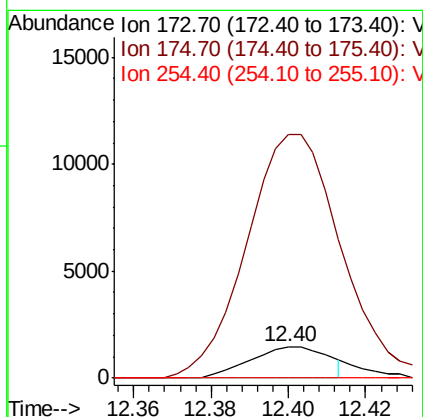
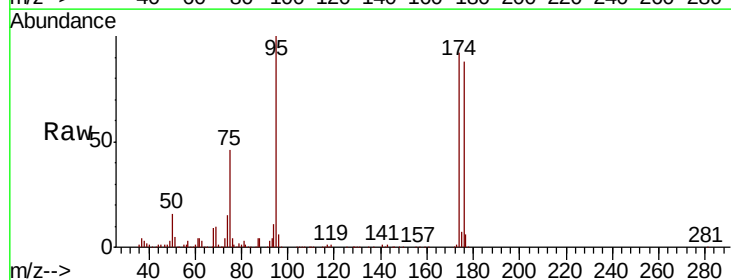
Instrument :
MSVOA_N
ClientSampleId :

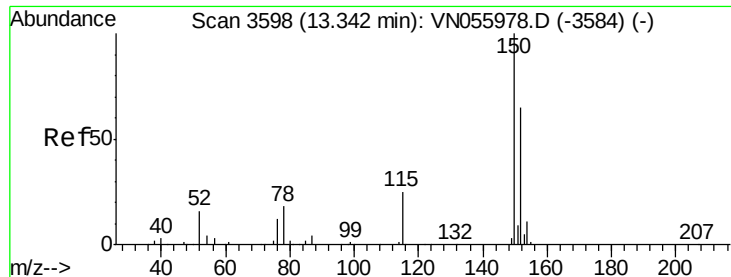
Tot Ion:104 Resp: 101656
Ion Ratio Lower Upper
104 100
78 262.1 37.8 56.6#
103 266.1 44.2 66.2#



#71
Bromoform
Concen: 3.311 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion:173 Resp: 2068
Ion Ratio Lower Upper
173 100
175 813.7 24.3 72.8#
254 0.0 0.0 0.0



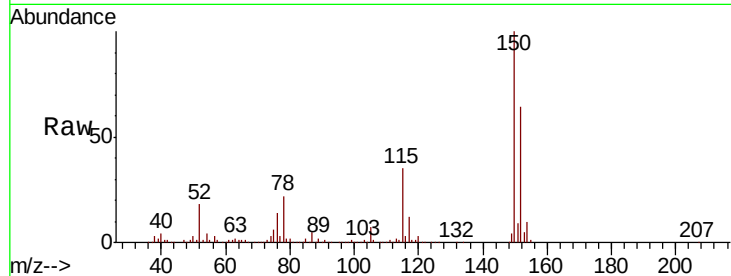


#72

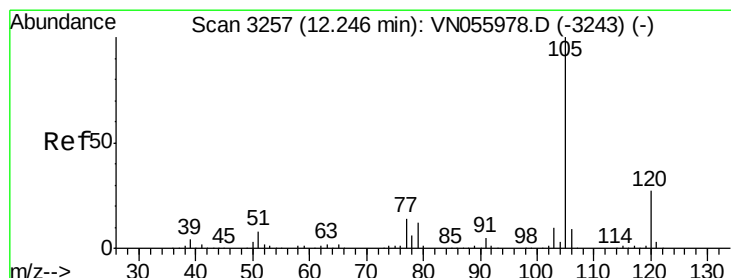
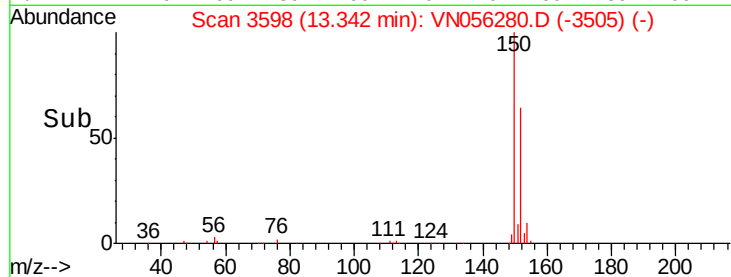
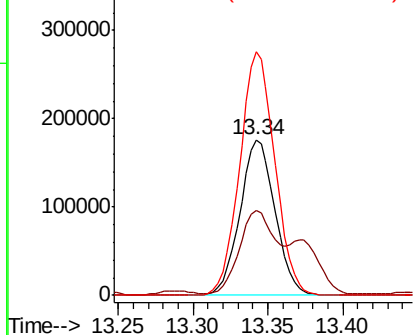
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.0	81.0
150	156.9	0.0	343.2



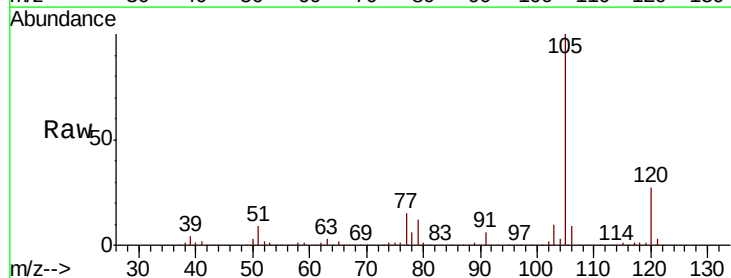
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



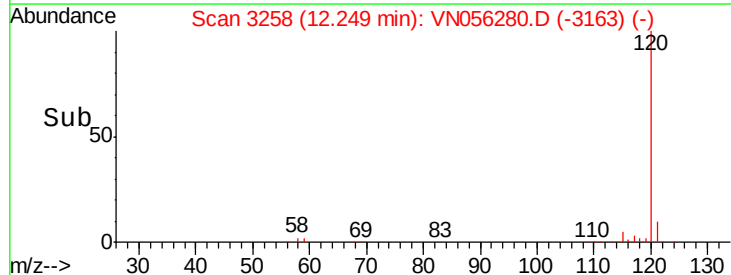
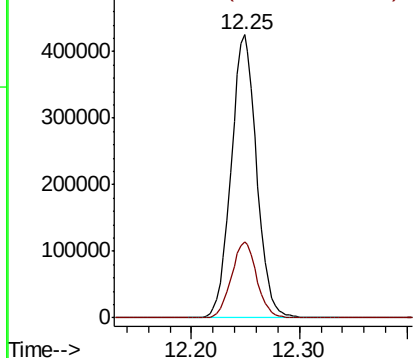
#73

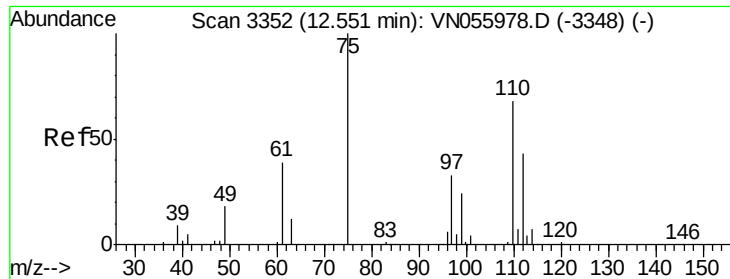
Isopropylbenzene
Concen: 33.437 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.6	40.7



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

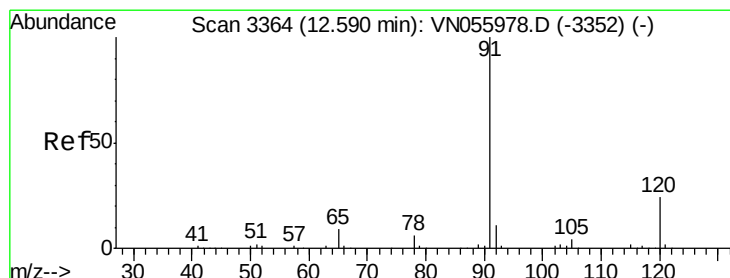
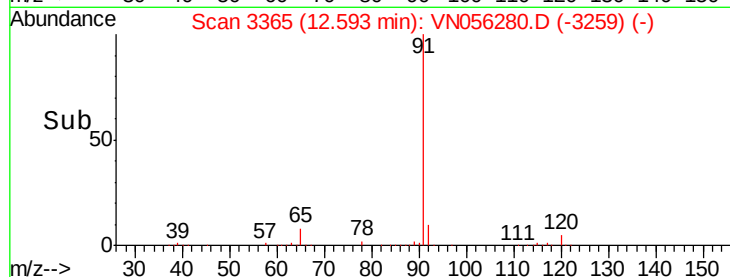
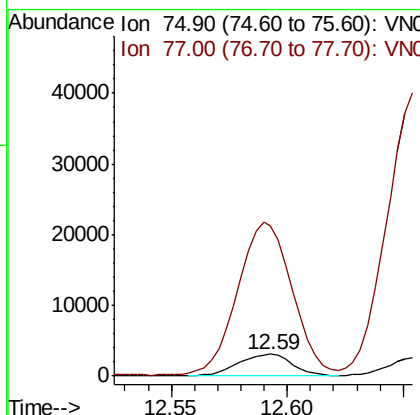
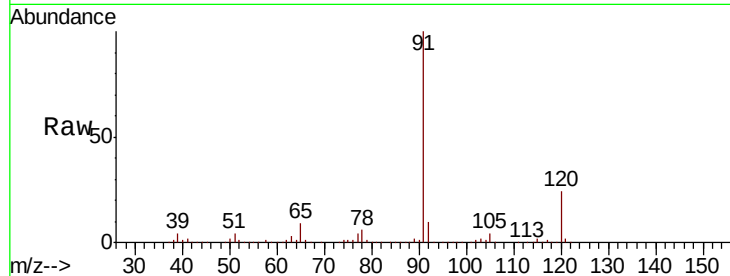




#76
 1,2,3-Trichloropropane
 Concen: 0.958 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.04 min
 Lab File: VN056280.D
 Acq: 13 Jun 2019 14:43

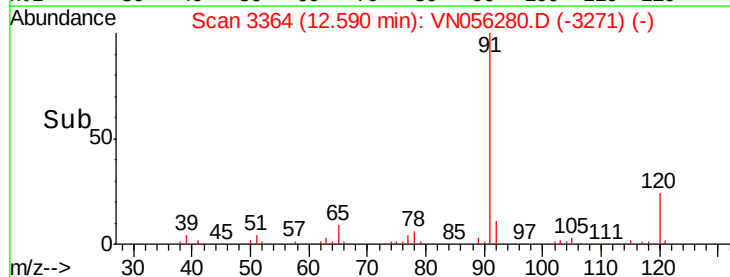
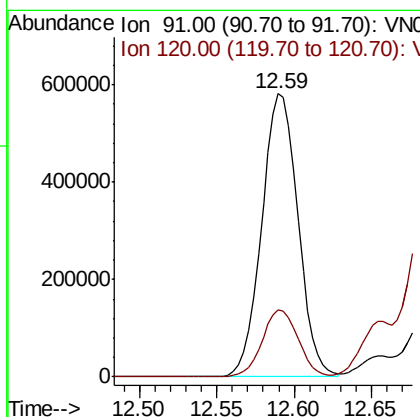
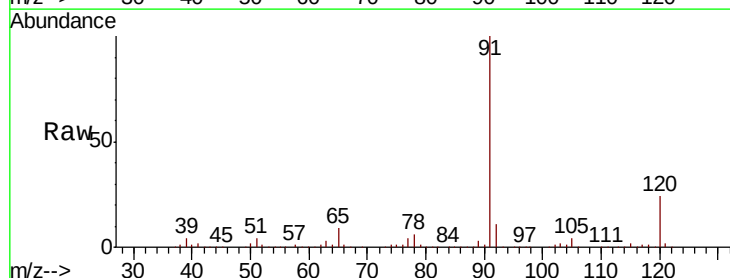
Instrument :
 MSVOA_N
 ClientSampled :

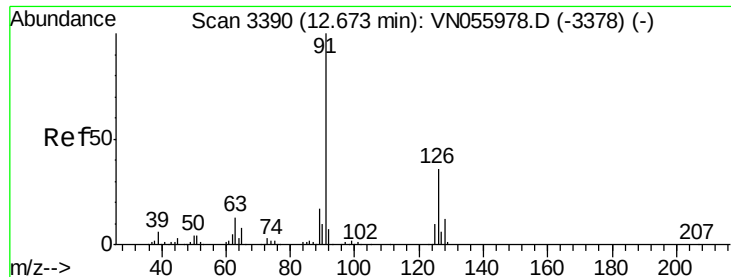
Tot Ion: 75 Resp: 5052
 Ion Ratio Lower Upper
 75 100
 77 715.7 0.0 0.0#



#78
 n-propylbenzene
 Concen: 39.166 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. 0.00 min
 Lab File: VN056280.D
 Acq: 13 Jun 2019 14:43

Tgt Ion: 91 Resp: 949876
 Ion Ratio Lower Upper
 91 100
 120 23.6 12.0 36.0





#79

2-Chlorotoluene

Concen: 15.152 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

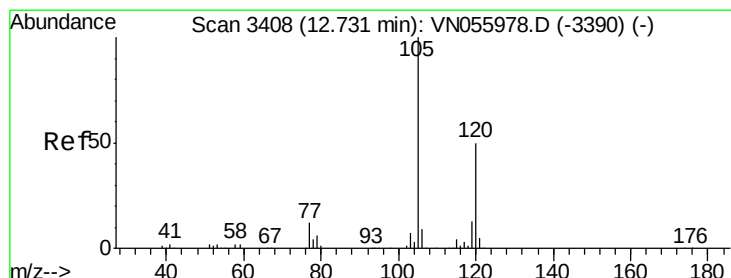
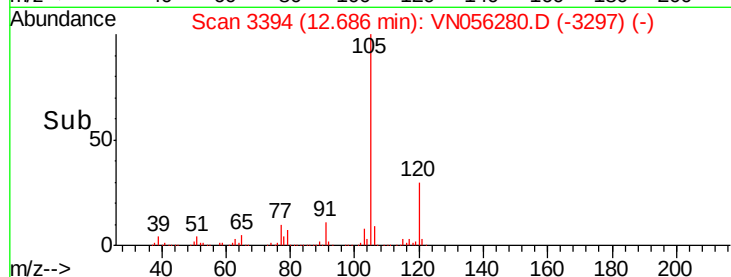
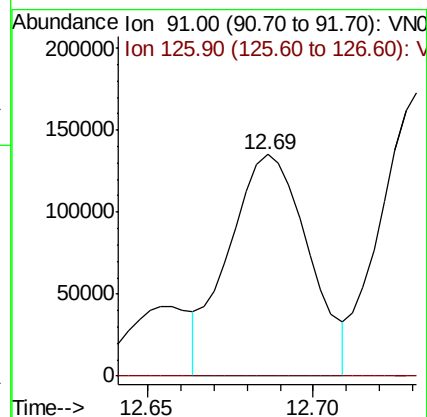
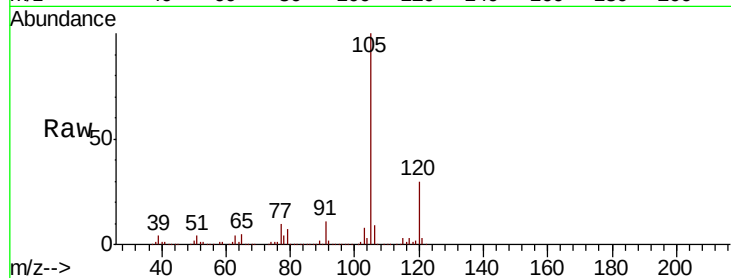
ClientSampled :

Tot Ion: 91 Resp: 225598

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: 145.499 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056280.D

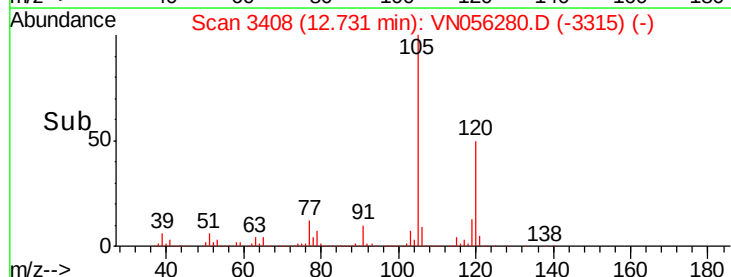
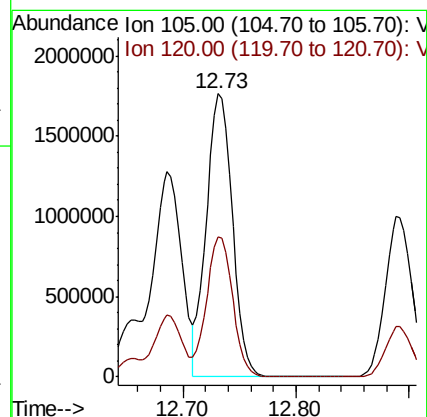
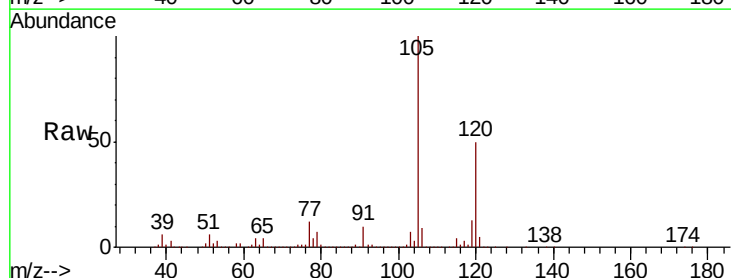
Acq: 13 Jun 2019 14:43

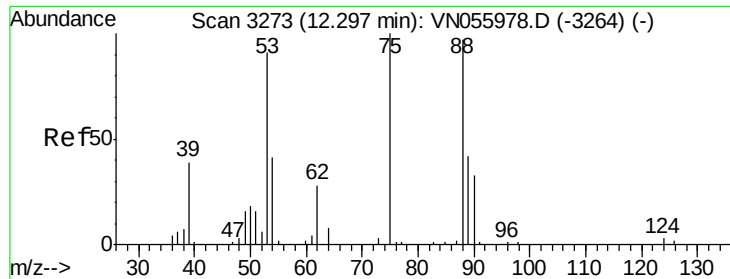
Tgt Ion: 105 Resp: 2804492

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1

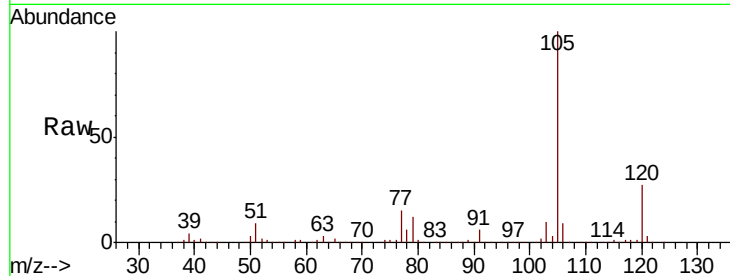




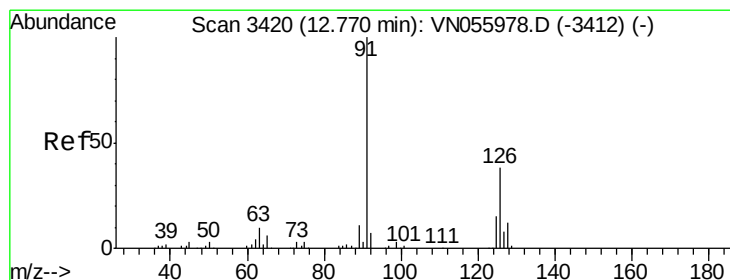
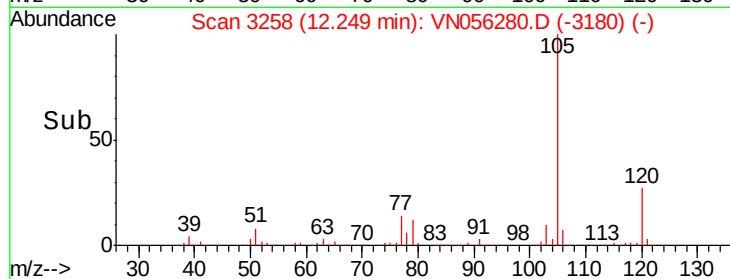
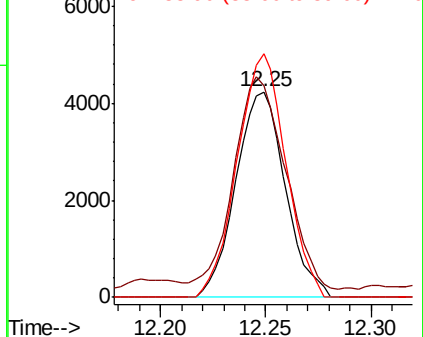
#81
trans-1,4-Dichloro-2-butene
Concen: 4.352 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.05 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 6894
Ion Ratio Lower Upper
75 100
53 109.8 68.1 102.1#
89 116.6 36.9 55.3#

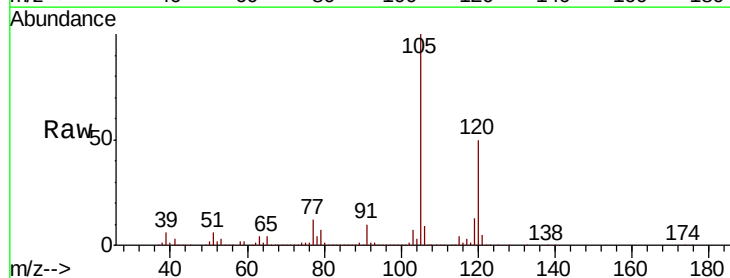


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

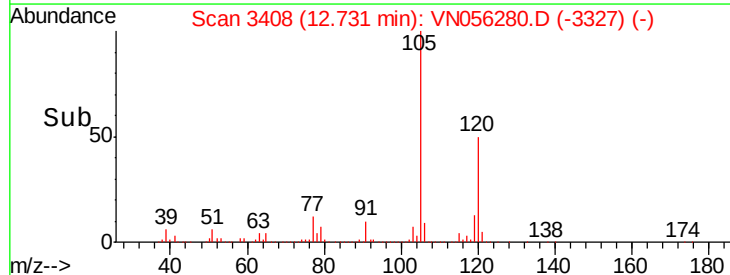
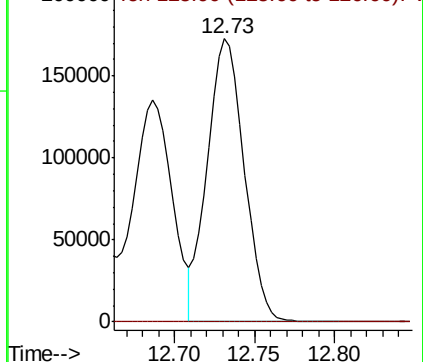


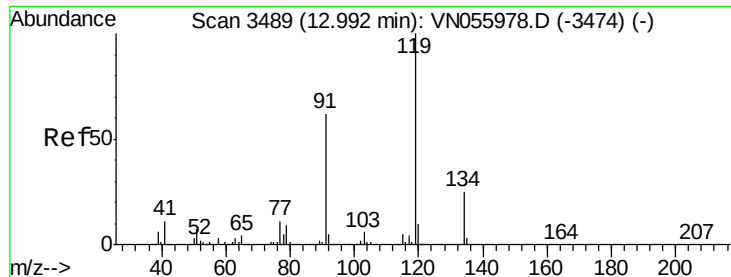
#82
4-Chlorotoluene
Concen: 19.307 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion: 91 Resp: 273948
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 69.094 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

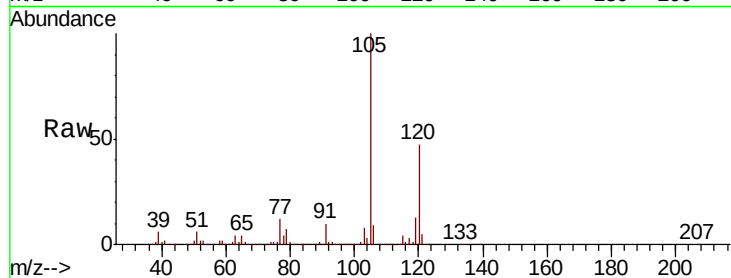
Tot Ion:119 Resp: 1017745

Ion Ratio Lower Upper

119 100

91 78.4 30.9 92.8

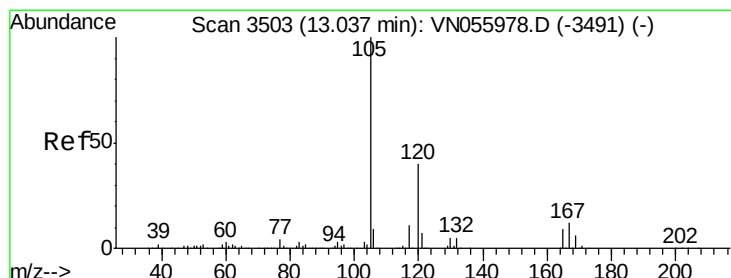
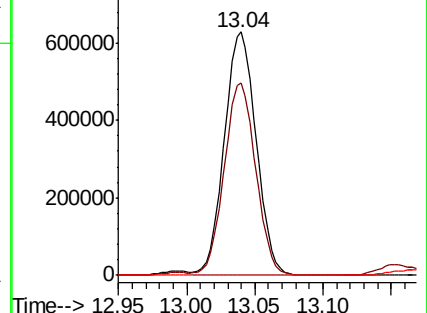
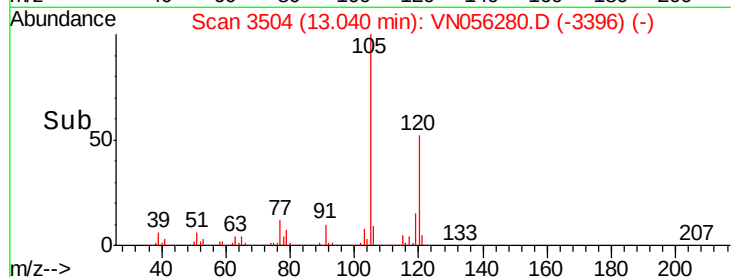
134 0.0 13.3 39.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 445.117 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056280.D

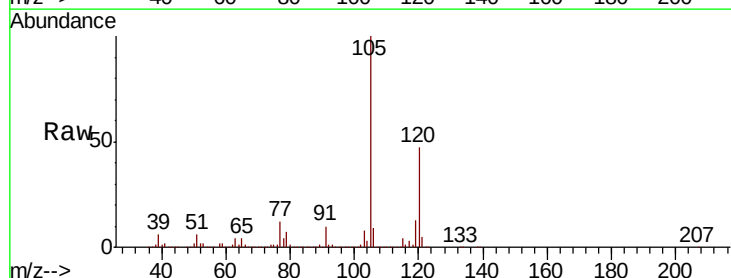
Acq: 13 Jun 2019 14:43

Tgt Ion:105 Resp: 8136081

Ion Ratio Lower Upper

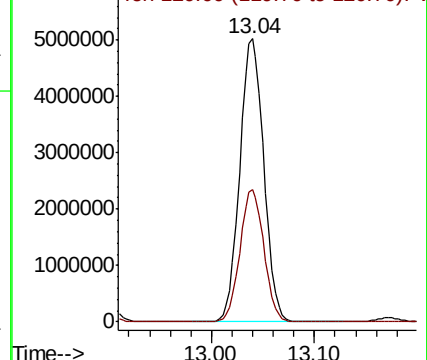
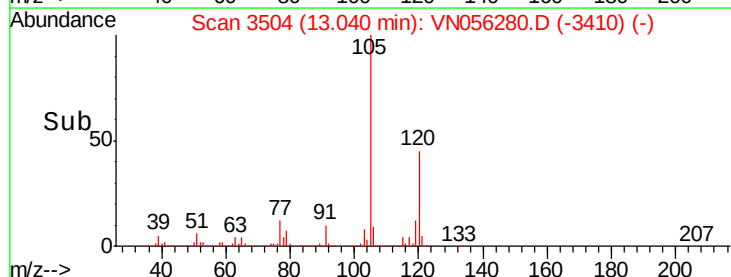
105 100

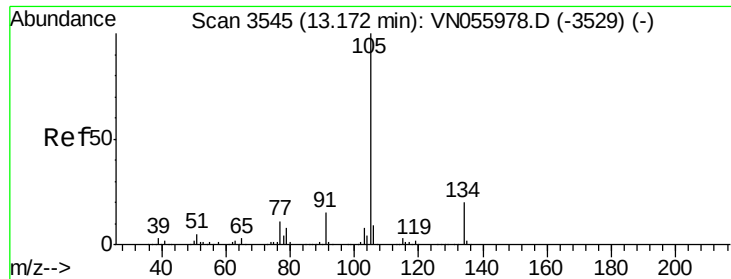
120 46.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 378.810 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

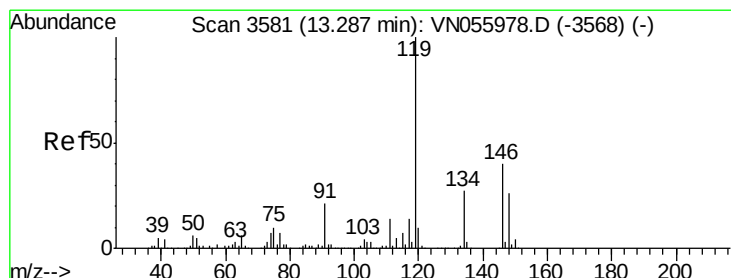
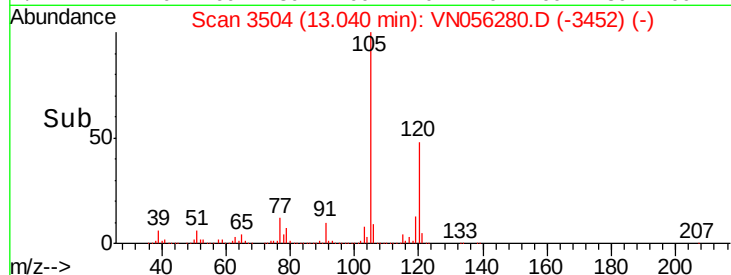
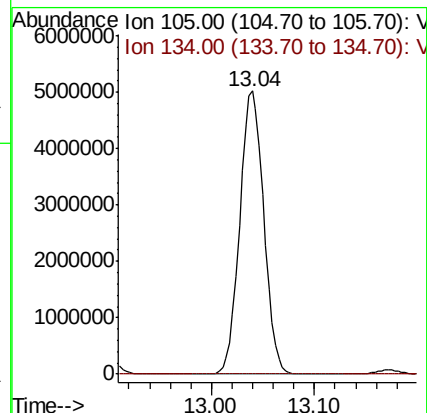
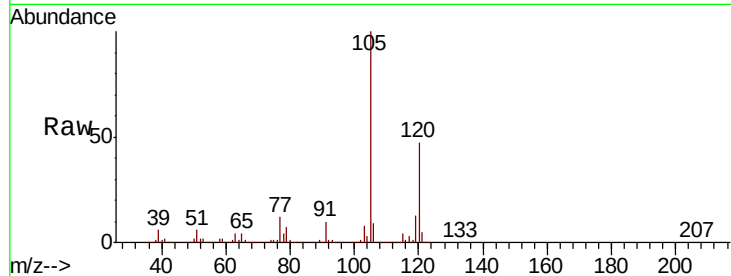
ClientSampled :

Tot Ion:105 Resp: 8136081

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.2#



#86

p-Isopropyltoluene

Concen: 11.444 ug/l

RT: 13.23 min Scan# 3564

Delta R.T. -0.05 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

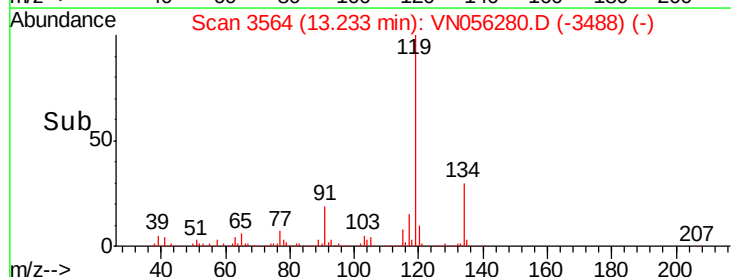
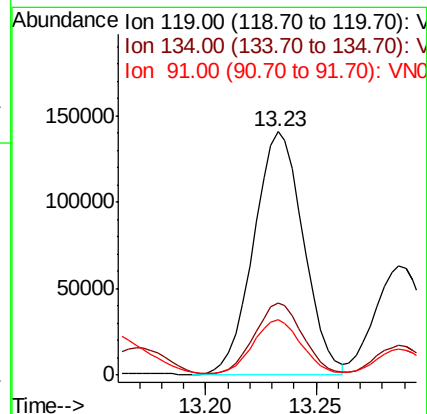
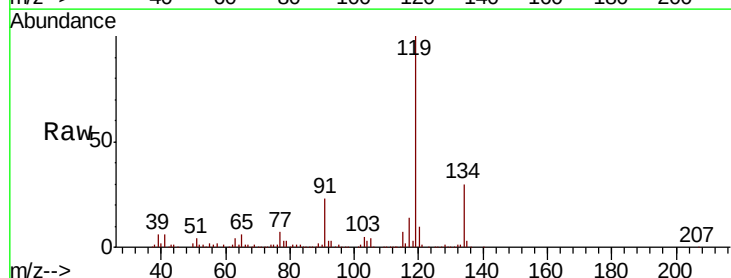
Tgt Ion:119 Resp: 219985

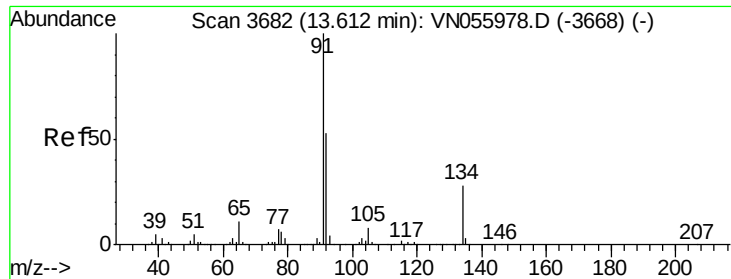
Ion Ratio Lower Upper

119 100

134 29.1 13.4 40.1

91 21.2 10.9 32.9

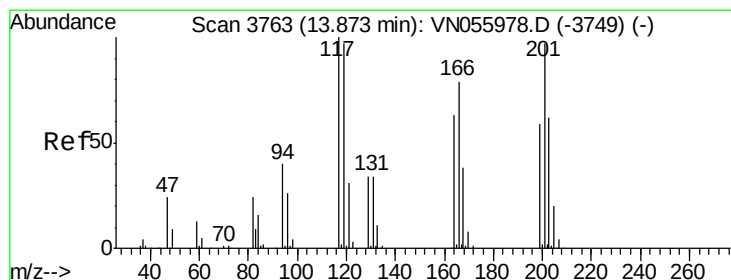
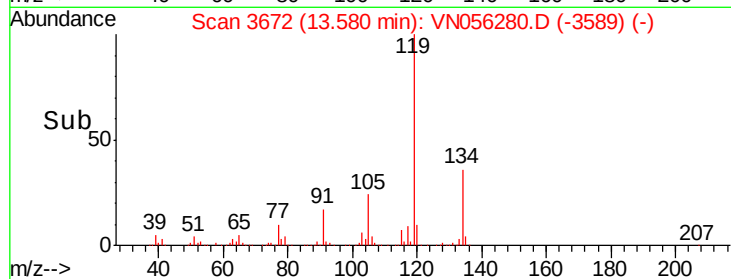
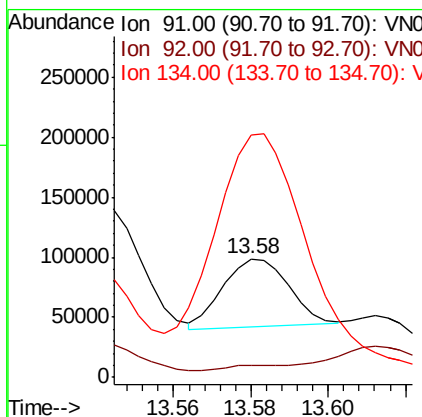
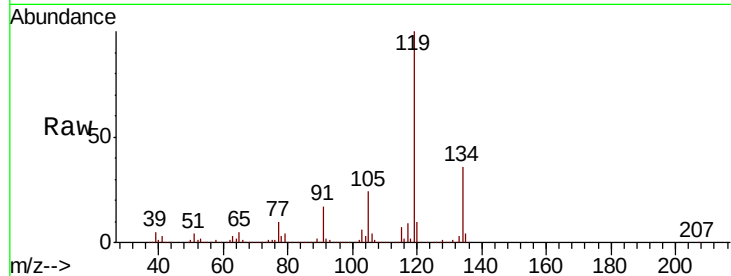




#89
n-Butylbenzene
Concen: 4.740 ug/l
RT: 13.58 min Scan# 3672
Delta R.T. -0.03 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

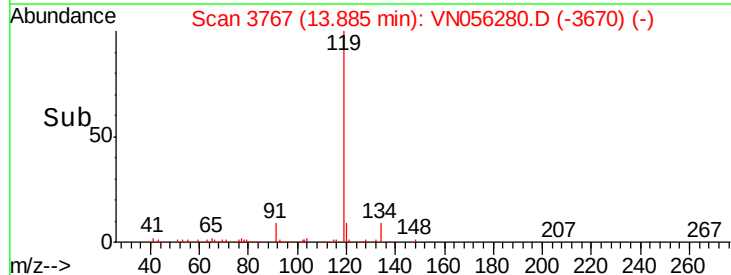
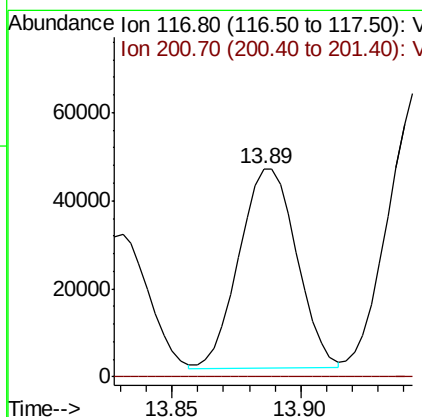
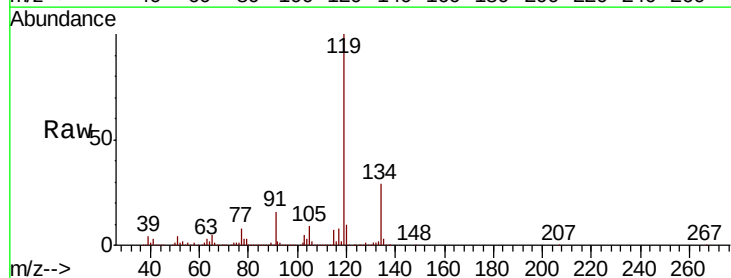
Instrument :
MSVOA_N
ClientSampled :

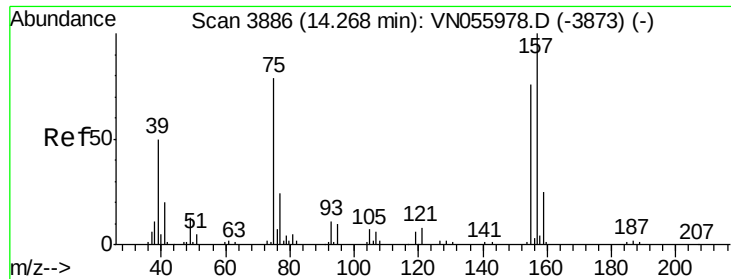
Tot Ion: 91 Resp: 67493
Ion Ratio Lower Upper
91 100
92 0.0 26.4 79.0#
134 530.3 13.9 41.7#



#90
Hexachloroethane
Concen: 24.260 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN056280.D
Acq: 13 Jun 2019 14:43

Tgt Ion: 117 Resp: 70325
Ion Ratio Lower Upper
117 100
201 0.0 50.0 150.0#

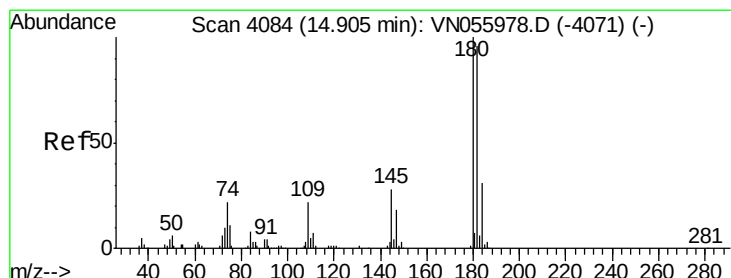
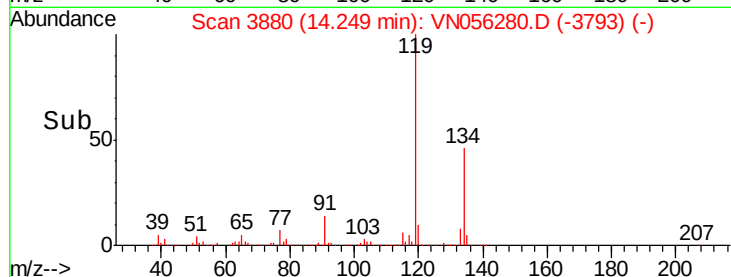
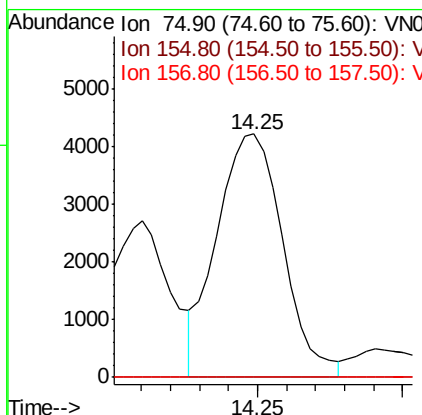
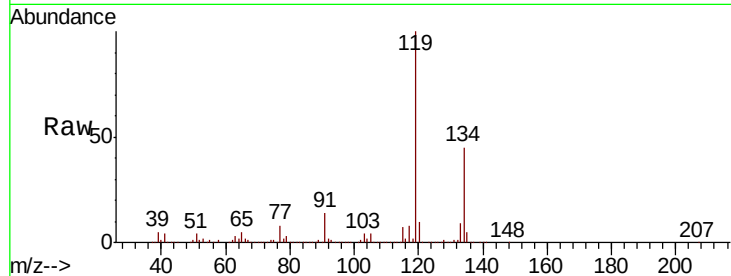




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.016 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN056280.D
 Acq: 13 Jun 2019 14:43

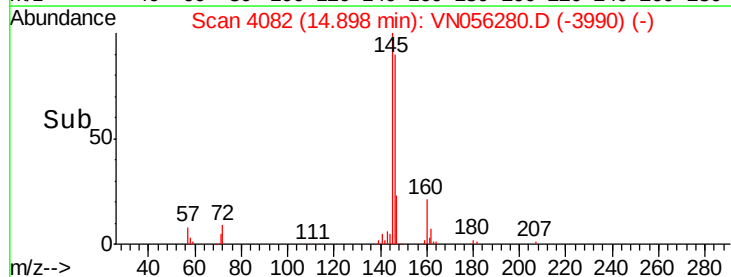
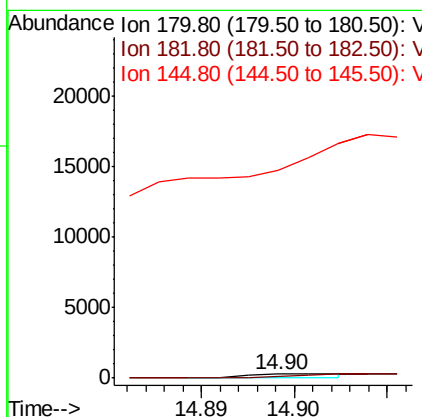
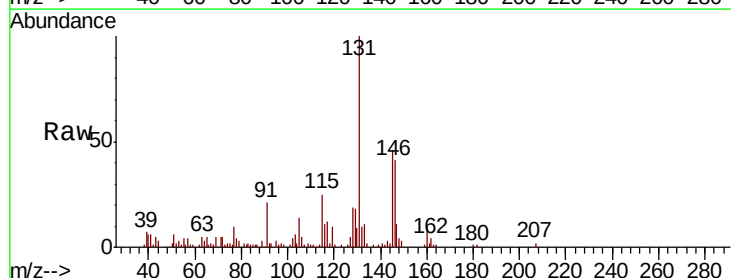
Instrument :
 MSVOA_N
 ClientSampled :

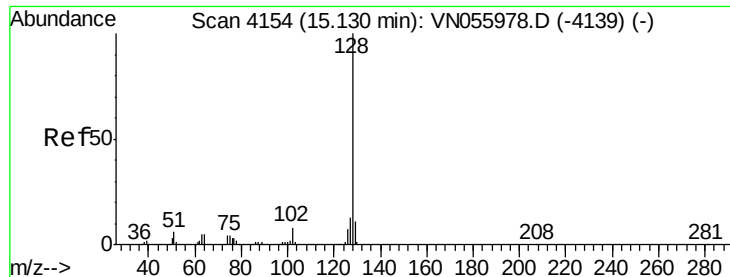
Tot Ion: 75 Resp: 6678
 Ion Ratio Lower Upper
 75 100
 155 0.0 50.0 150.1#
 157 0.0 64.8 194.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.305 ug/l
 RT: 14.90 min Scan# 4082
 Delta R.T. -0.01 min
 Lab File: VN056280.D
 Acq: 13 Jun 2019 14:43

Tgt Ion:180 Resp: 205
 Ion Ratio Lower Upper
 180 100
 182 179.5 48.3 144.9#
 145 23037.6 14.0 41.9#





#95

Naphthalene

Concen: 160.832 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

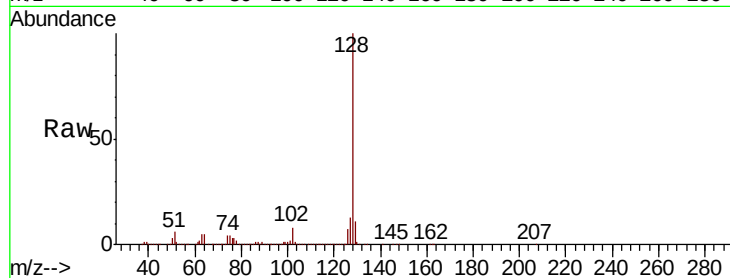
Tot Ion:128 Resp: 2332131

Ion Ratio Lower Upper

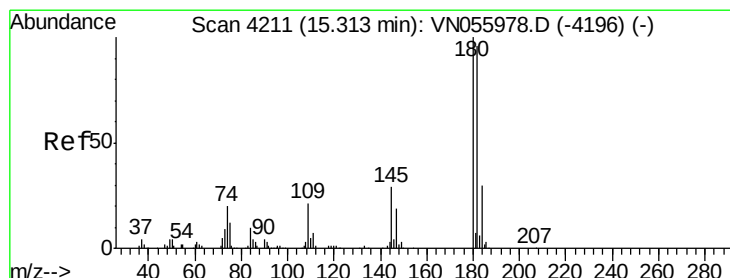
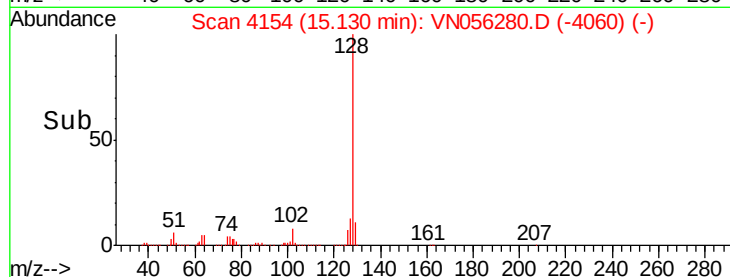
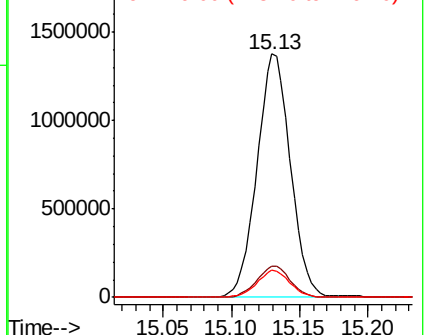
128 100

127 12.8 10.3 15.5

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.146 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056280.D

Acq: 13 Jun 2019 14:43

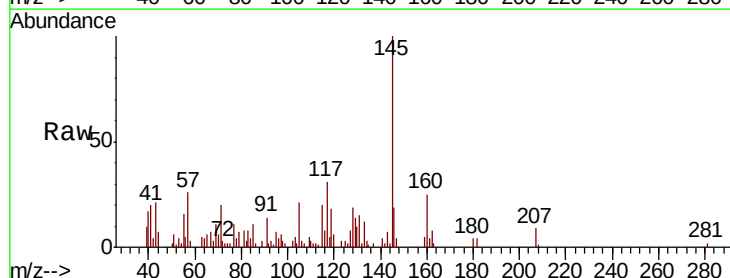
Tgt Ion:180 Resp: 656

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 0.0 14.9 44.7#



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

