

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058383.D
 Acq On : 26 Sep 2019 14:13
 Operator : JC/SP
 Sample : K5039-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30481

Quant Time: Sep 27 02:34:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	451349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	757514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	681232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	334286	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
35) Dibromofluoromethane	7.57	113	229979	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.09	98	964597	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
62) 4-Bromofluorobenzene	12.41	95	332749	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

					Qvalue
3) Chloromethane	2.04	50	378	Below Cal	# 42
5) Bromomethane	2.55	94	251	0.872	ug/l 93
6) Chloroethane	2.67	64	205	Below Cal	# 44
11) Tert butyl alcohol	4.76	59	2171	2.903	ug/l # 84
13) Acrolein	3.60	56	64	0.578	ug/l # 31
14) Allyl chloride	4.25	41	3789	0.635	ug/l # 34
15) Acrylonitrile	4.97	53	1102	0.553	ug/l # 32
16) Acetone	3.80	43	398928	186.951	ug/l 100
17) Carbon Disulfide	4.03	76	348	0.360	ug/l # 74
18) Methyl Acetate	4.31	43	30701	5.468	ug/l 96
20) Methylene Chloride	4.53	84	32223	8.441	ug/l 94
25) 2-Butanone	6.82	43	27623	9.502	ug/l 93
29) Tetrahydrofuran	7.21	42	1270	0.709	ug/l # 41
31) Cyclohexane	7.65	56	11008	Below Cal	# 1
36) 1,1-Dichloropropene	7.65	75	40856	7.479	ug/l # 51
37) Ethyl Acetate	6.82	43	27623	4.872	ug/l # 70
38) Carbon Tetrachloride	7.65	117	47853	8.714	ug/l # 15
40) Benzene	8.03	78	3709	0.222	ug/l # 89
41) Methacrylonitrile	7.15	41	29	0.921	ug/l # 100
43) Isopropyl Acetate	8.16	43	175973	16.620	ug/l # 79
48) Methyl methacrylate	9.16	41	120634	25.094	ug/l # 46
49) 1,4-Dioxane	9.19	88	1202	15.229	ug/l # 24
51) 4-Methyl-2-Pentanone	9.98	43	23010	4.092	ug/l 94
52) Toluene	10.15	92	2535550	242.478	ug/l 85
53) t-1,3-Dichloropropene	10.15	75	32453	4.992	ug/l # 1
54) cis-1,3-Dichloropropene	9.90	75	44048	6.137	ug/l # 67
57) 1,3-Dichloropropane	10.76	76	7737	0.970	ug/l # 43
59) 2-Hexanone	10.76	43	130819	31.321	ug/l # 58
67) Ethyl Benzene	11.51	91	92187	4.490	ug/l 99
68) m/p-Xylenes	11.62	106	169837	21.963	ug/l 95
69) o-Xylene	11.95	106	73167	9.623	ug/l 98
70) Styrene	11.97	104	10760	0.821	ug/l # 1
71) Bromoform	12.41	173	2246	4.242	ug/l # 1
74) N-amyl acetate	12.03	43	30314	3.837	ug/l # 49

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QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

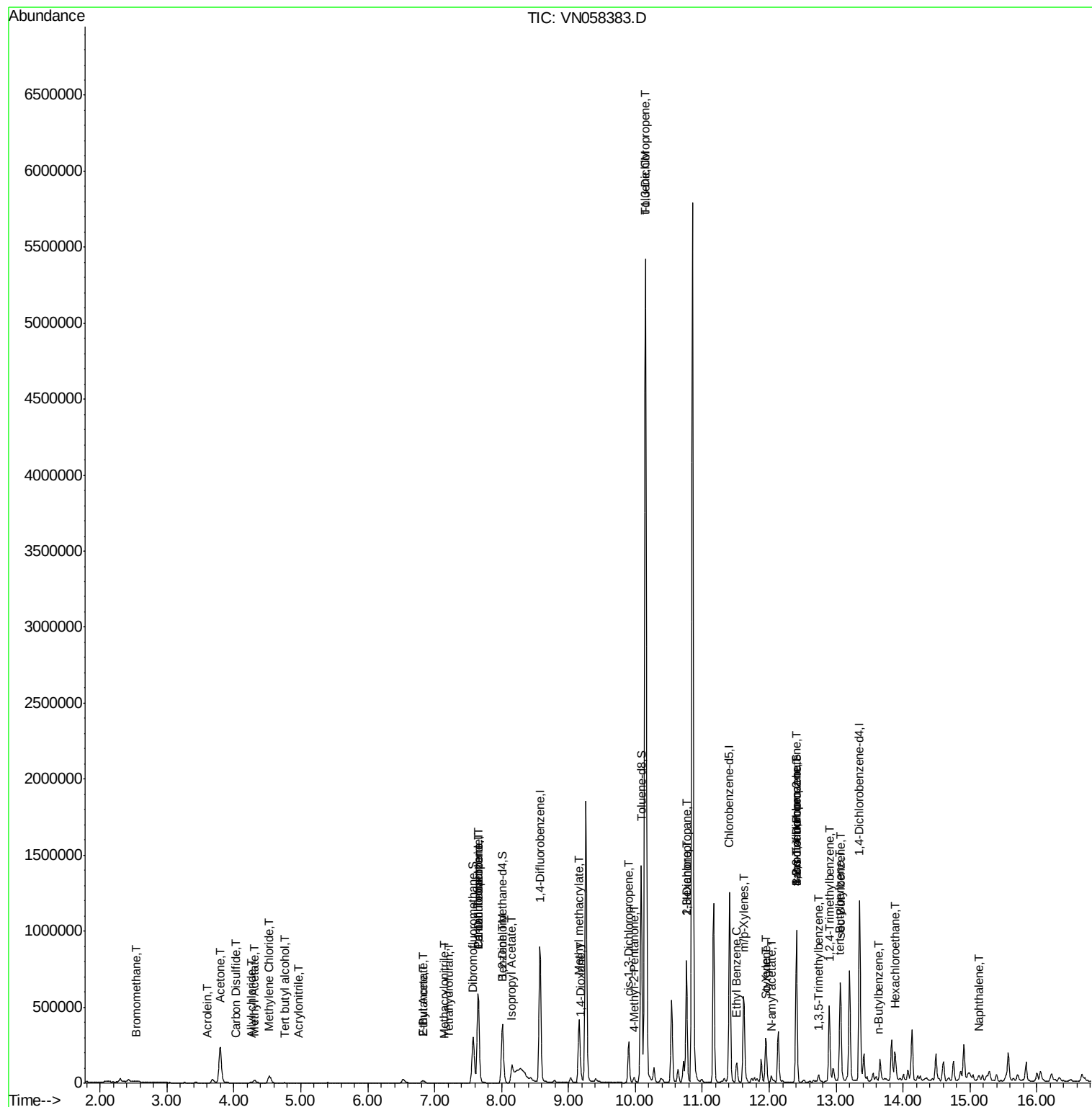
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.41	75	182947	33.877	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	7076	0.443	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.41	75	182947	94.952	ug/l #	5
83) tert-Butylbenzene	13.05	119	3923	0.275	ug/l #	65
84) 1,2,4-Trimethylbenzene	12.90	105	8364	0.526	ug/l	72
85) sec-Butylbenzene	13.06	105	247448	13.286	ug/l #	58
89) n-Butylbenzene	13.63	91	3192	0.203	ug/l #	70
90) Hexachloroethane	13.89	117	1516	3.315	ug/l #	12
95) Naphthalene	15.14	128	22959	1.593	ug/l	97

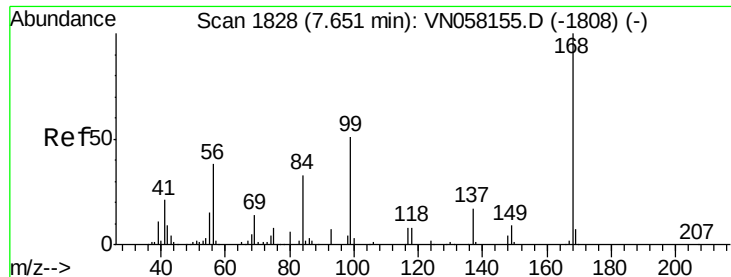
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

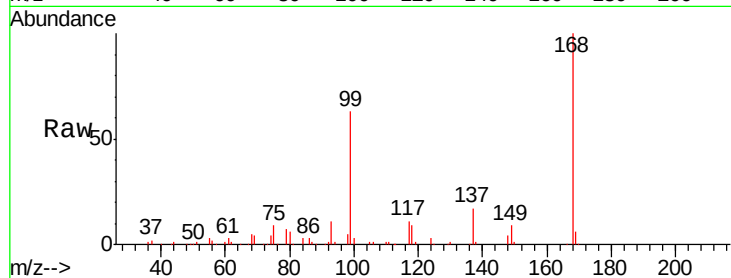
30481

Tgt Ion:168 Resp: 451349

Ion Ratio Lower Upper

168 100

99 62.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058155.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058155.D (-1808) (-)

7.65

200000

150000

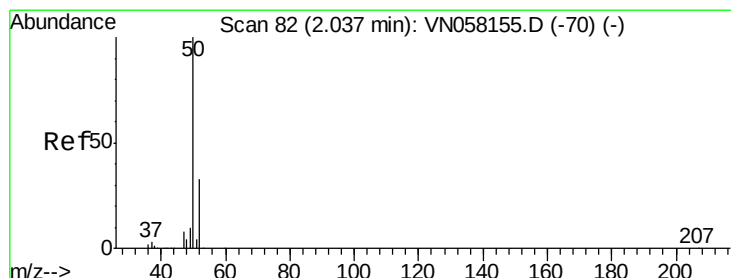
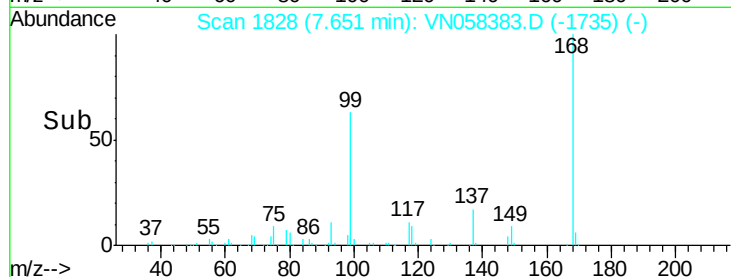
100000

50000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058383.D

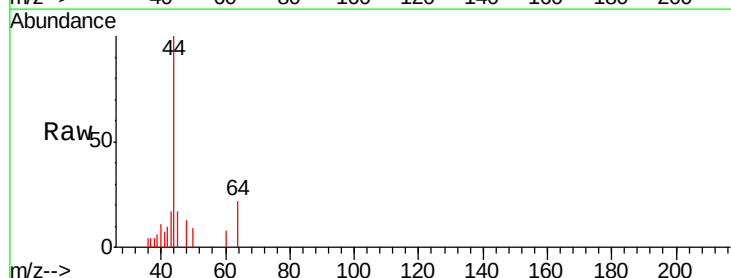
Acq: 26 Sep 2019 14:13

Tgt Ion: 50 Resp: 378

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN058155.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058155.D (-70) (-)

2.04

400

300

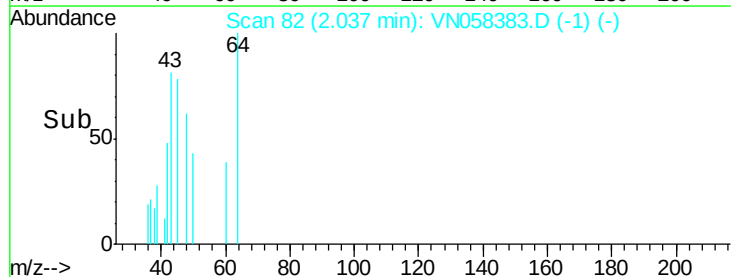
200

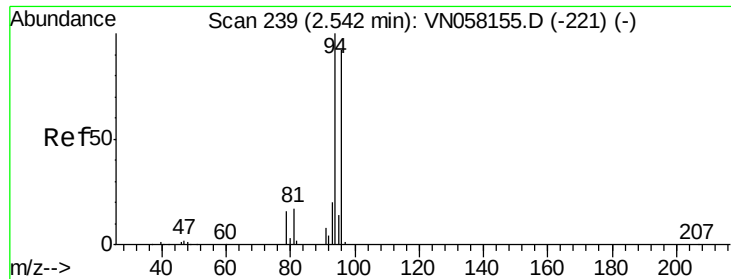
100

0

2.02 2.04 2.06

Time-->





#5

Bromomethane

Concen: 0.872 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

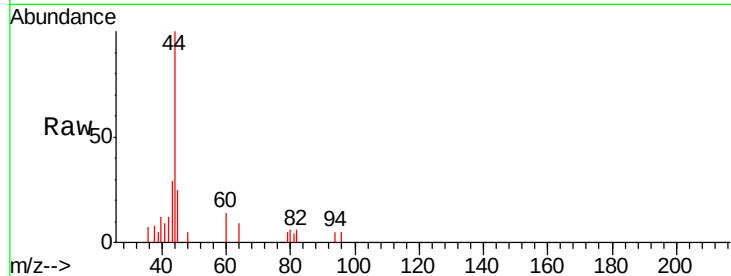
30481

Tgt Ion: 94 Resp: 251

Ion Ratio Lower Upper

94 100

96 84.6 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

400

300

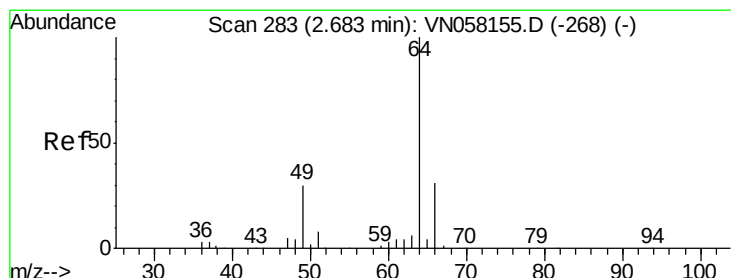
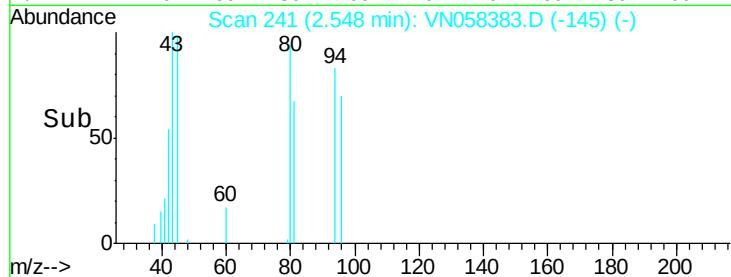
200

100

0

2.52 2.53 2.54 2.55 2.56

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN058383.D

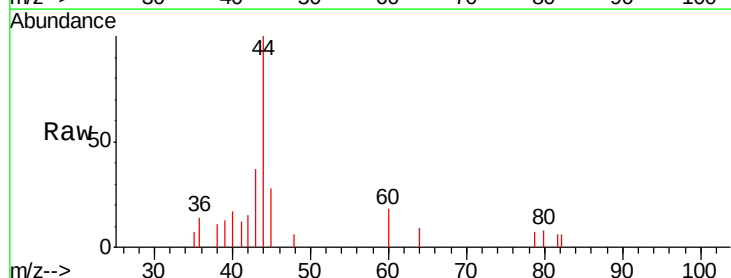
Acq: 26 Sep 2019 14:13

Tgt Ion: 64 Resp: 205

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

300

250

200

150

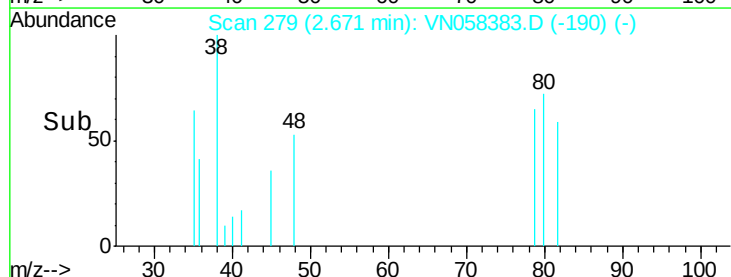
100

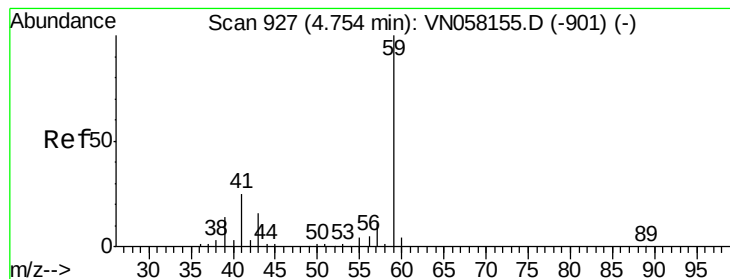
50

0

2.66 2.67 2.68

Time-->



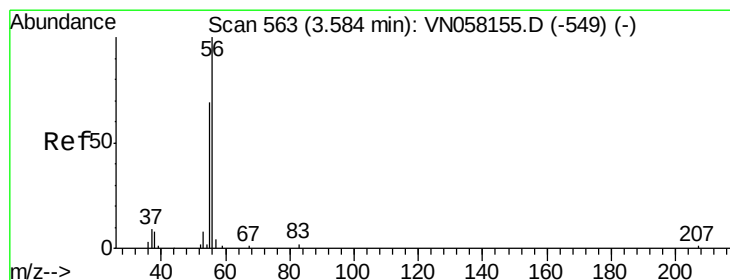
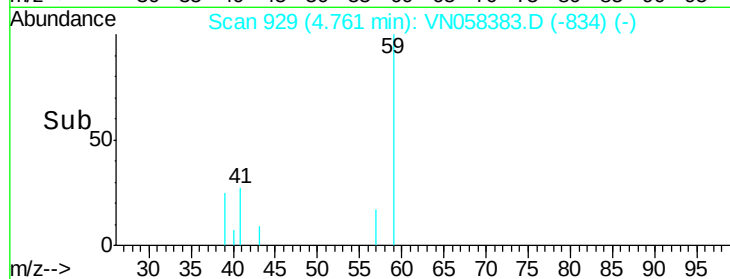
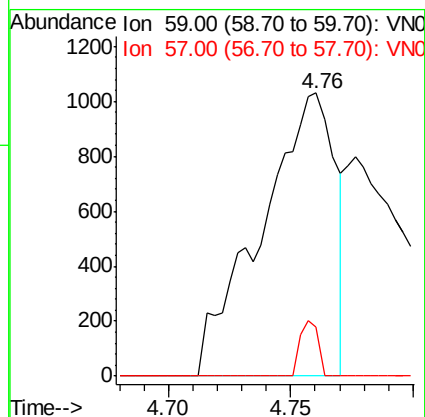
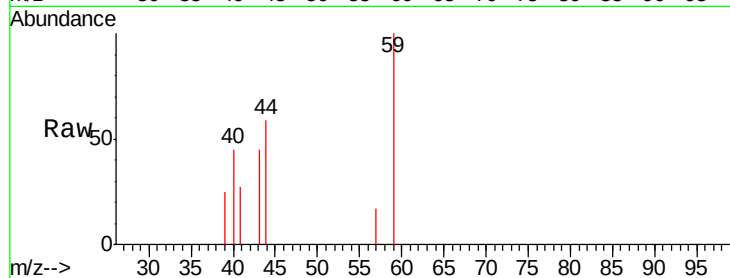


#11

Tert butyl alcohol
Concen: 2.903 ug/l
RT: 4.76 min Scan# 929
Delta R.T. 0.01 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Instrument :
MSVOA_N
ClientSampled :
30481

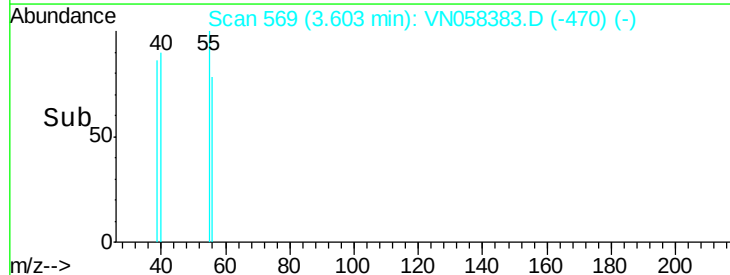
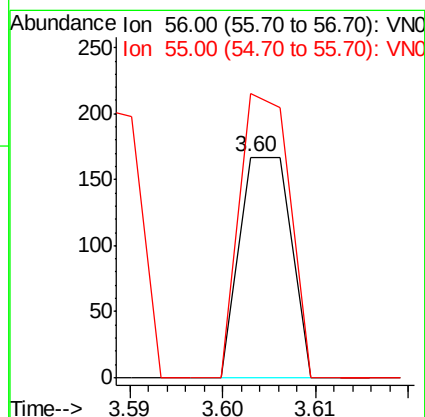
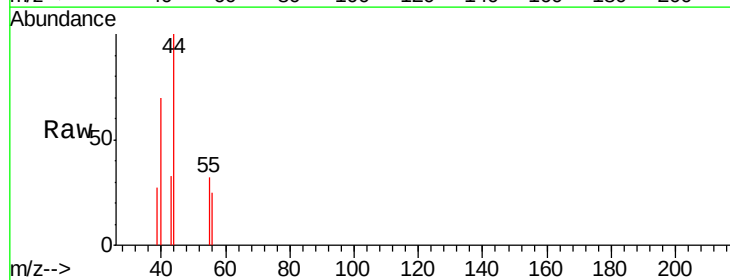
Tgt Ion: 59 Resp: 2171
Ion Ratio Lower Upper
59 100
57 4.7 8.6 13.0#

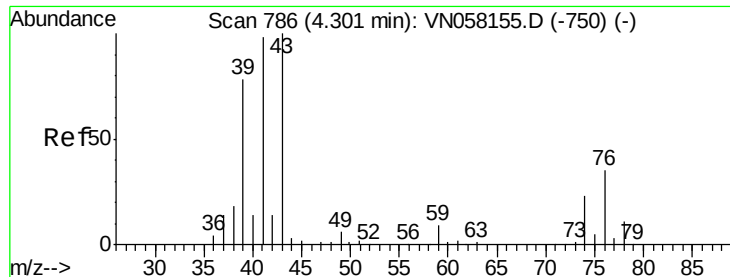


#13

Acrolein
Concen: 0.578 ug/l
RT: 3.60 min Scan# 569
Delta R.T. 0.02 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 126.6 56.1 84.1#





#14

Allyl chloride

Concen: 0.635 ug/l

RT: 4.25 min Scan# 771

Delta R.T. -0.05 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

30481

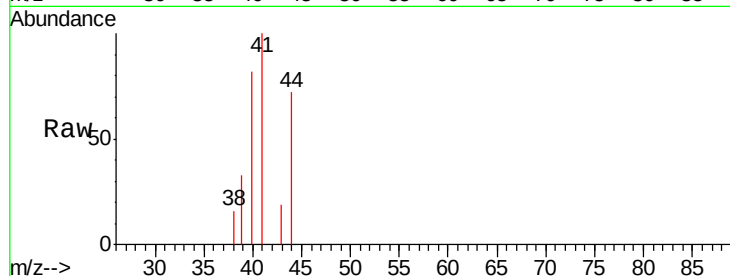
Tgt Ion: 41 Resp: 3789

Ion Ratio Lower Upper

41 100

39 14.4 59.1 88.7#

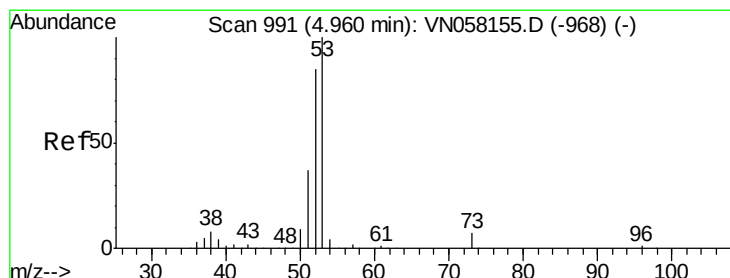
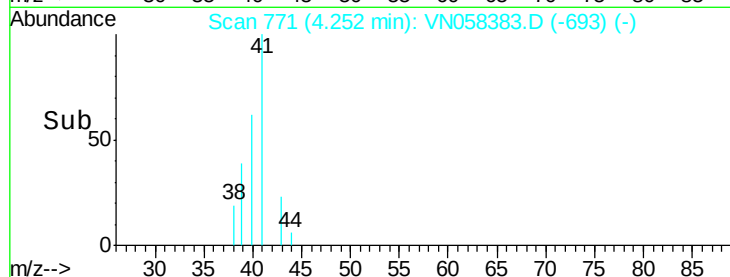
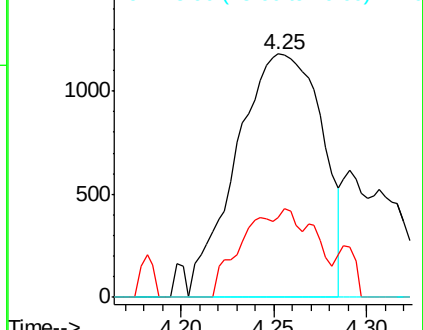
76 0.0 25.1 37.7#



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: 0.553 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

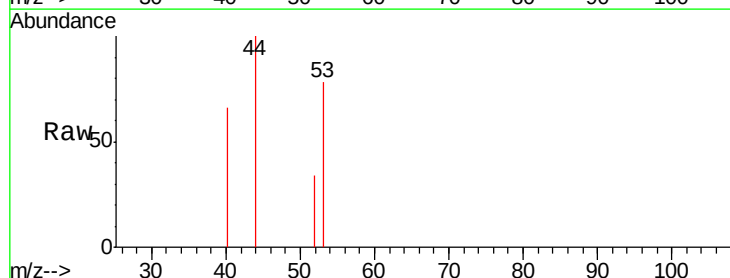
Tgt Ion: 53 Resp: 1102

Ion Ratio Lower Upper

53 100

52 19.0 66.6 100.0#

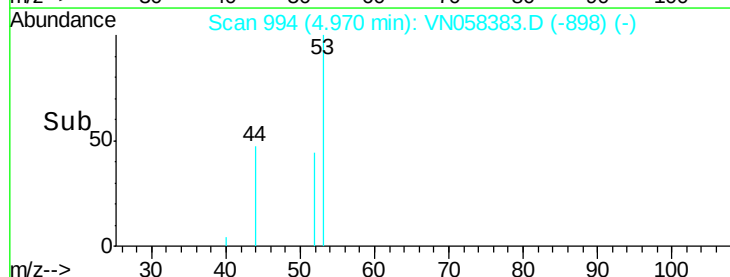
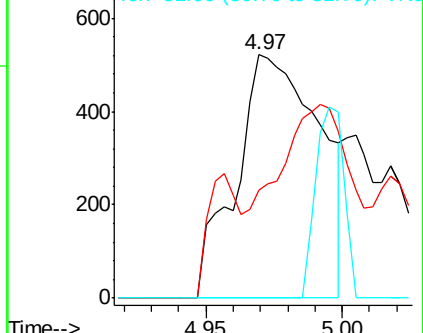
51 0.0 29.7 44.5#

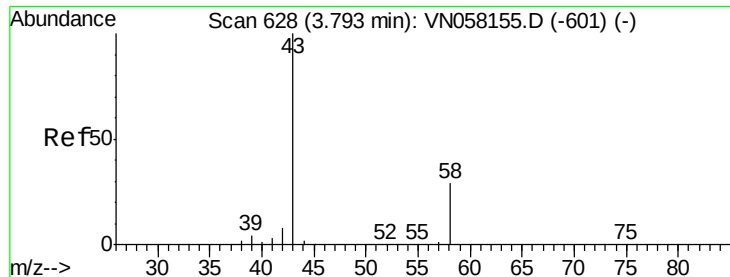


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 186.951 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

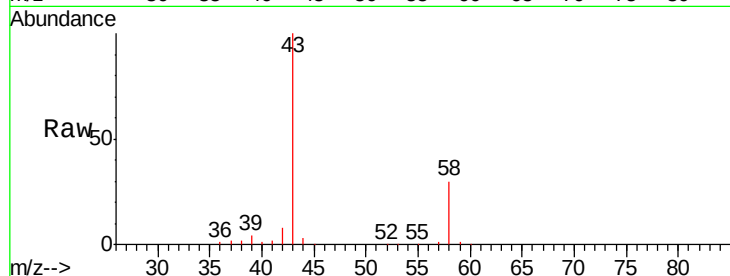
30481

Tgt Ion: 43 Resp: 398928

Ion Ratio Lower Upper

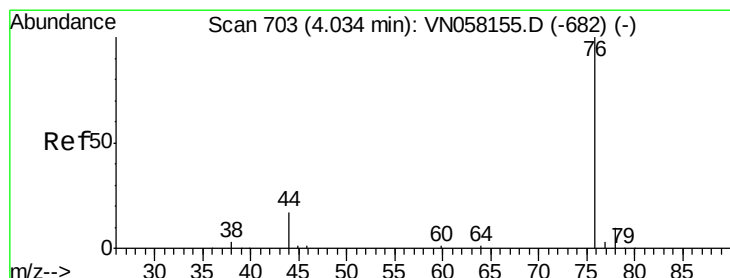
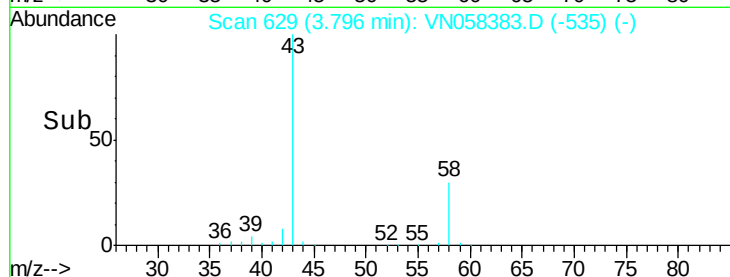
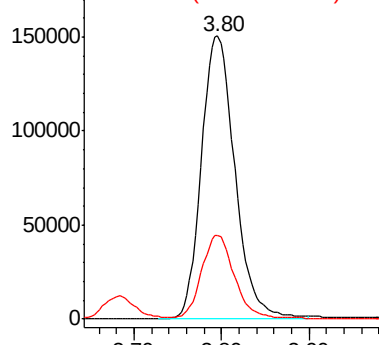
43 100

58 29.4 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.360 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.01 min

Lab File: VN058383.D

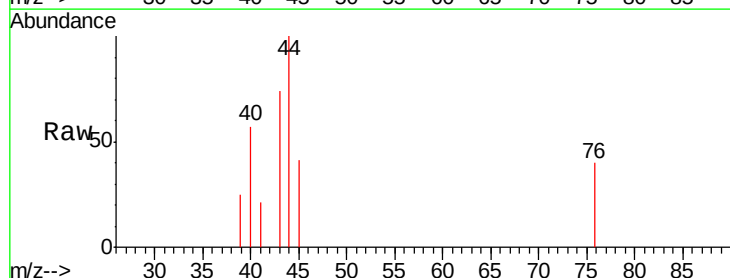
Acq: 26 Sep 2019 14:13

Tgt Ion: 76 Resp: 348

Ion Ratio Lower Upper

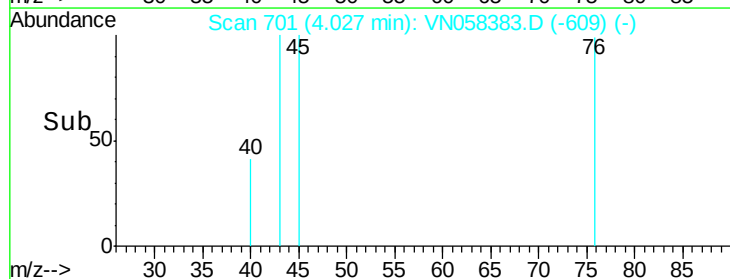
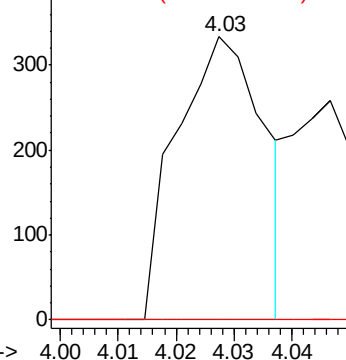
76 100

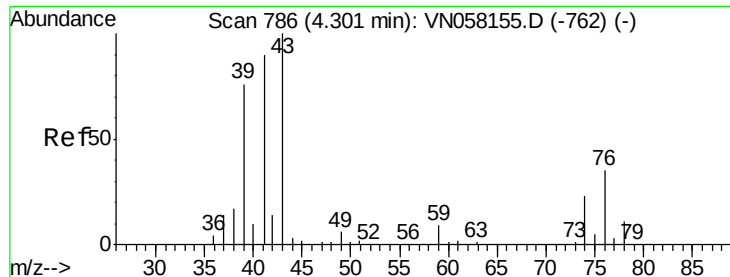
78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

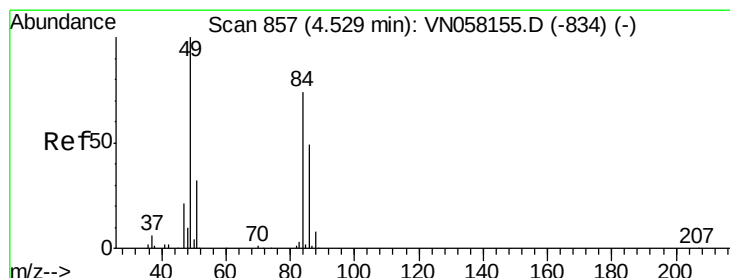
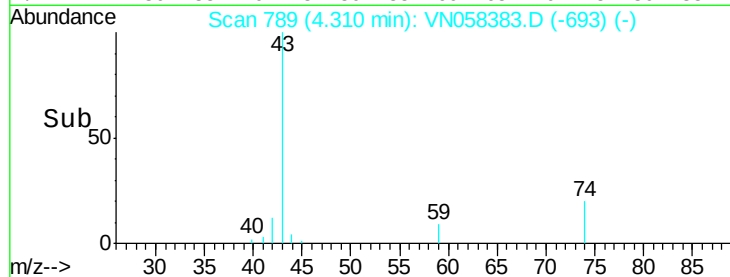
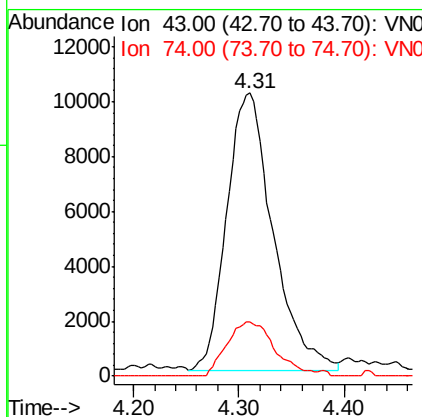
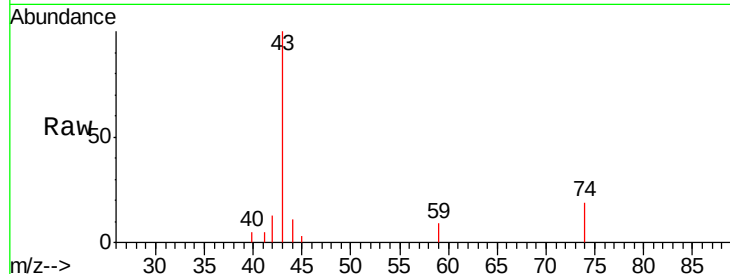




#18
Methyl Acetate
Concen: 5.468 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

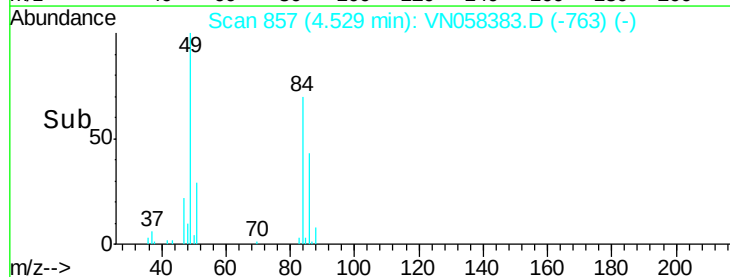
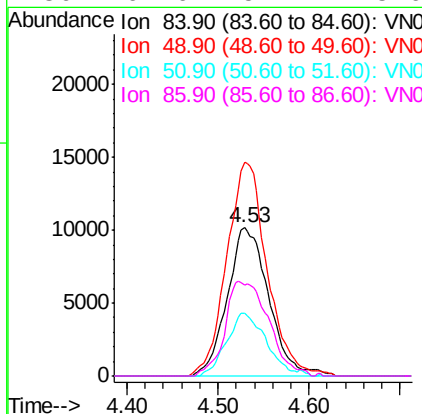
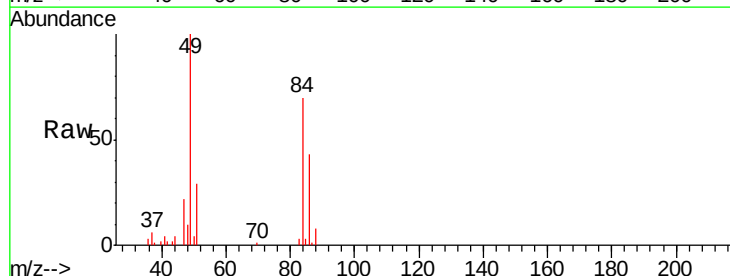
Instrument :
MSVOA_N
ClientSampleId :
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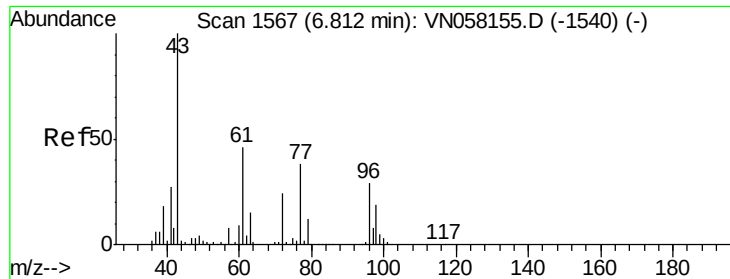
Tgt Ion: 43 Resp: 30701
Ion Ratio Lower Upper
43 100
74 20.4 18.0 27.0



#20
Methylene Chloride
Concen: 8.441 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion: 84 Resp: 32223
Ion Ratio Lower Upper
84 100
49 143.9 107.5 161.3
51 42.2 33.9 50.9
86 61.6 52.4 78.6





#25

2-Butanone

Concen: 9.502 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

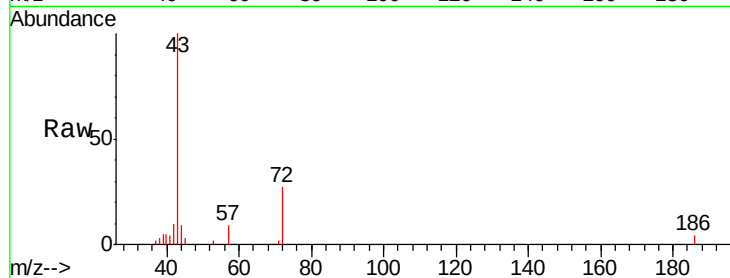
30481

Tgt Ion: 43 Resp: 27623

Ion Ratio Lower Upper

43 100

72 28.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.82

10000

8000

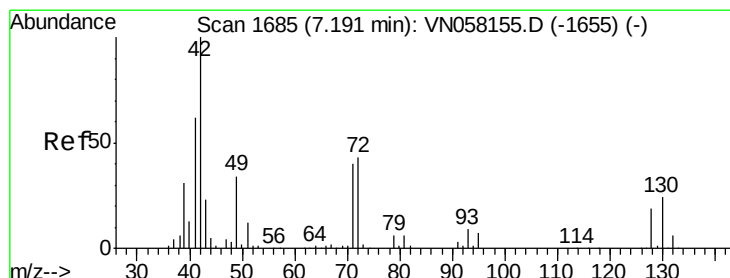
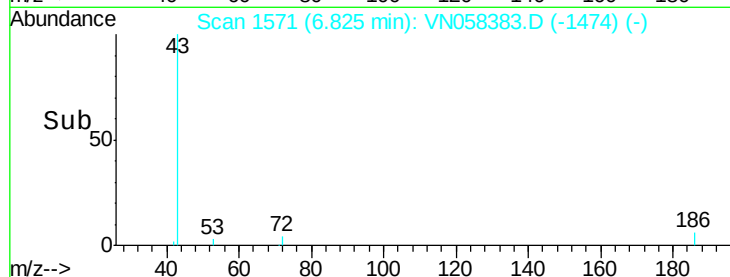
6000

4000

2000

0

Time--> 6.70 6.80 6.90



#29

Tetrahydrofuran

Concen: 0.709 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.02 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

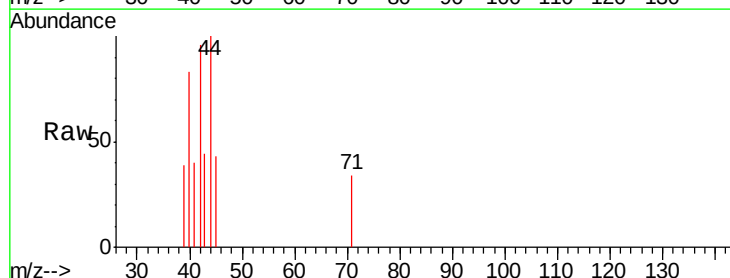
Tgt Ion: 42 Resp: 1270

Ion Ratio Lower Upper

42 100

72 2.3 33.8 50.6#

71 5.4 31.4 47.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

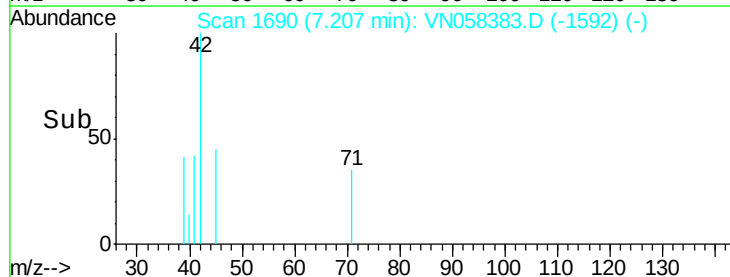
600

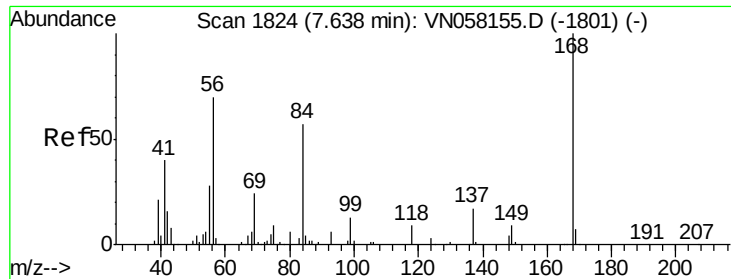
400

200

0

Time--> 7.15 7.20 7.25

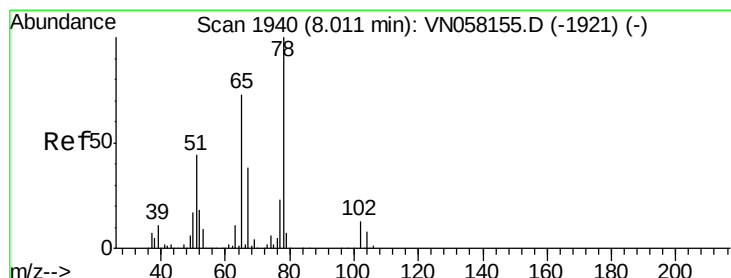
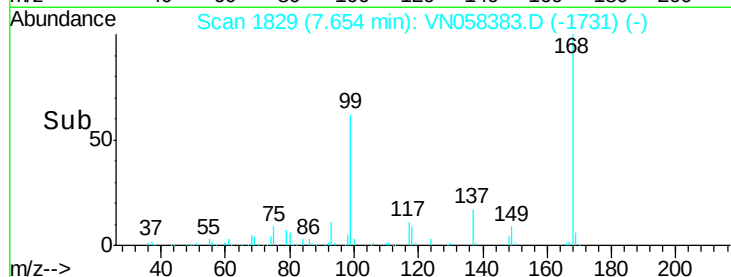
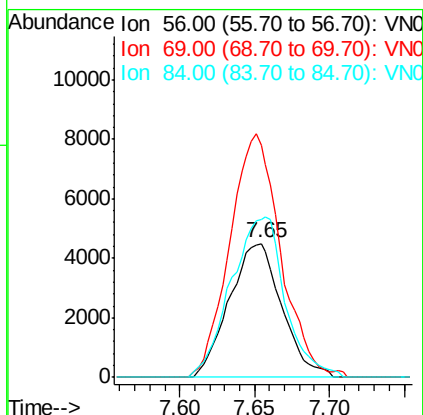
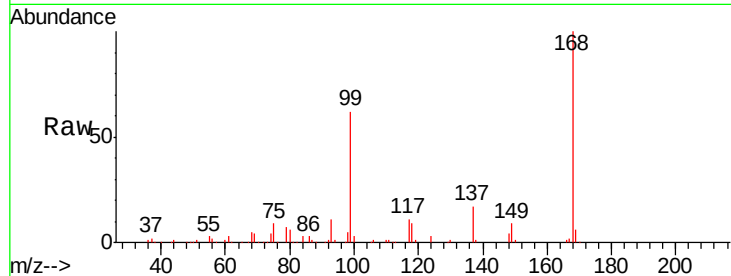




#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

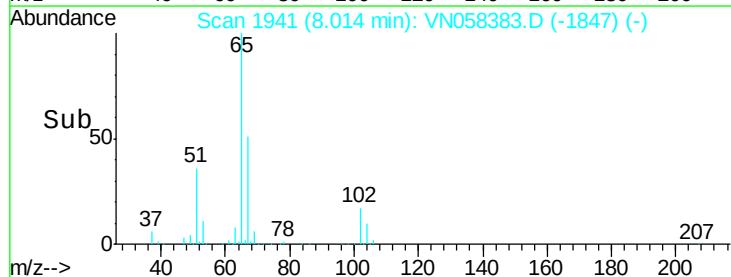
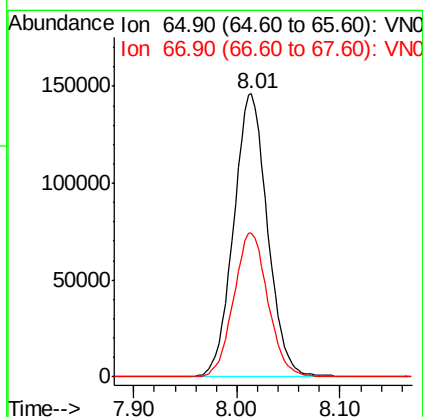
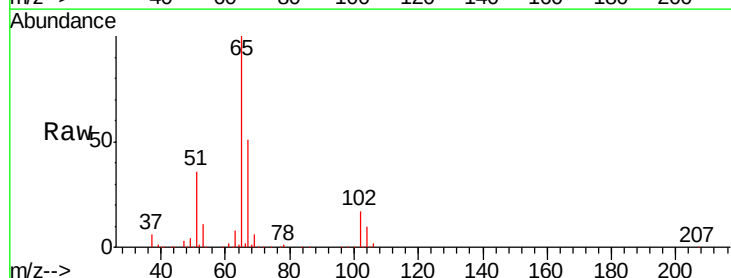
Instrument :
MSVOA_N
ClientSampled :
30481

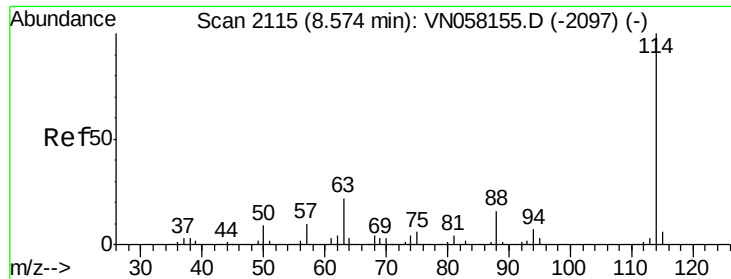
Tgt Ion: 56 Resp: 11008
Ion Ratio Lower Upper
56 100
69 173.9 27.3 40.9#
84 118.1 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 53.176 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion: 65 Resp: 334286
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

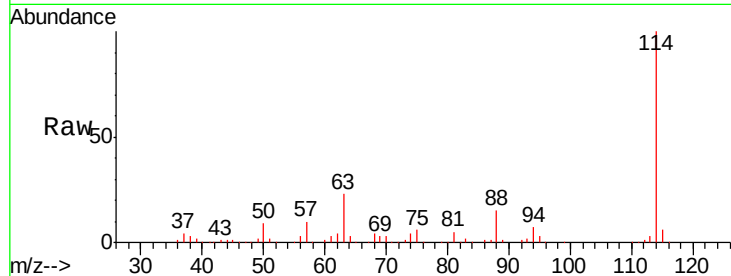




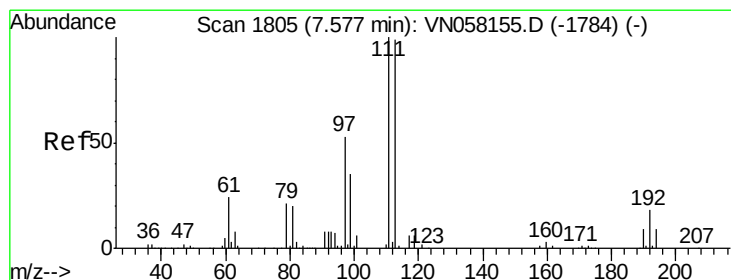
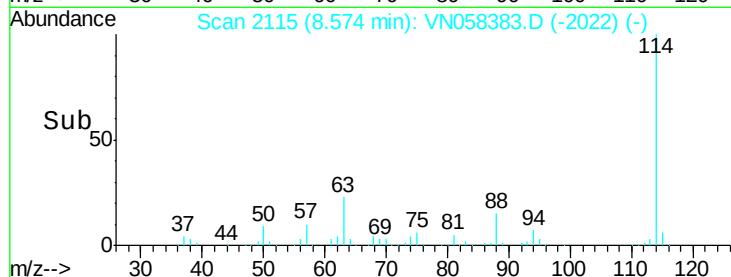
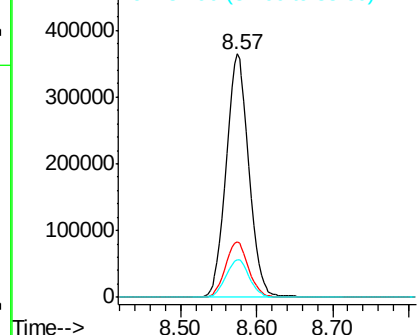
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058383.D
 Acq: 26 Sep 2019 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 30481

Tgt Ion:114 Resp: 757514
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.2
 88 15.3 0.0 31.6

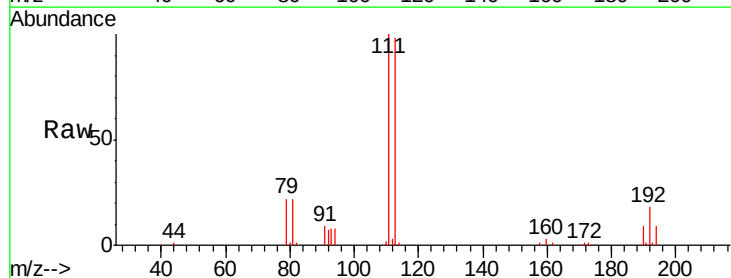


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

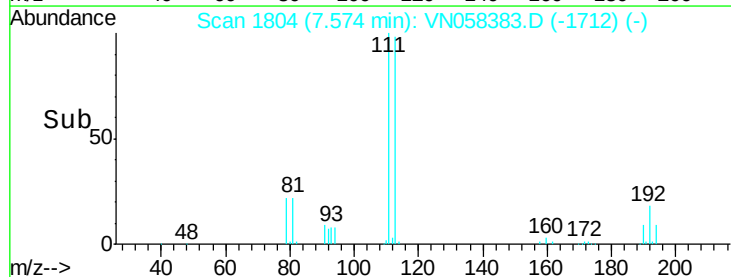
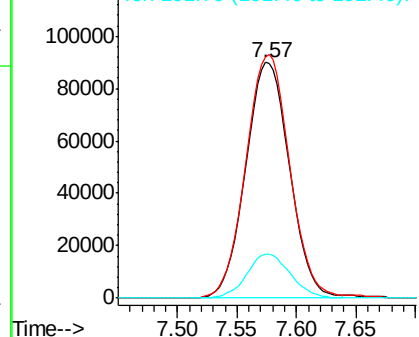


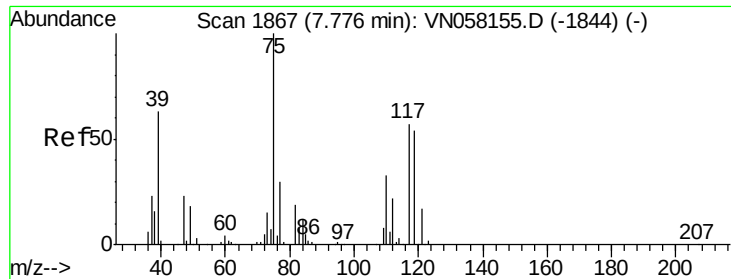
#35
 Dibromofluoromethane
 Concen: 49.940 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058383.D
 Acq: 26 Sep 2019 14:13

Tgt Ion:113 Resp: 229979
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.8 122.6
 192 18.6 14.5 21.7



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

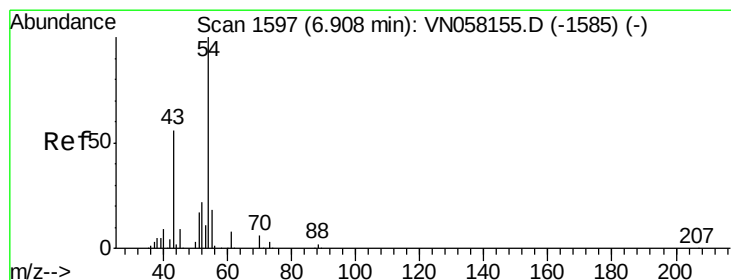
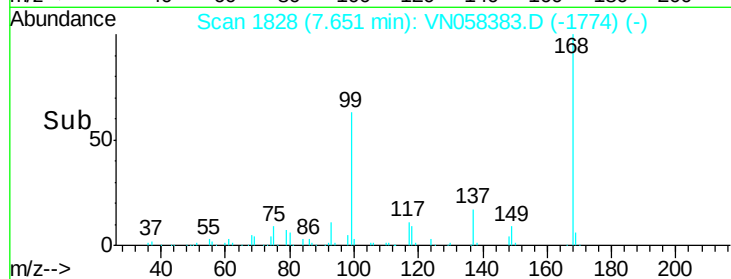
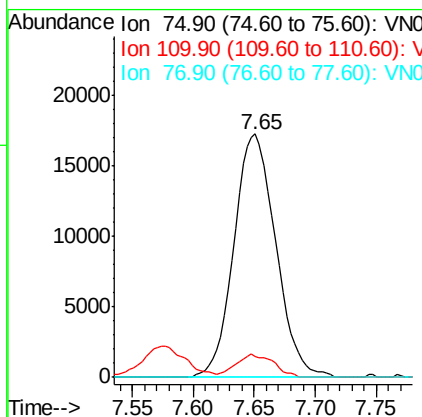
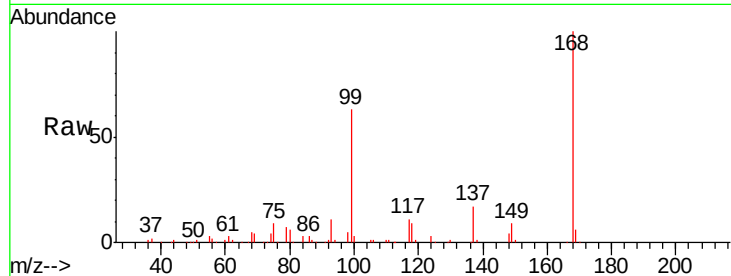




#36
 1,1-Dichloropropene
 Concen: 7.479 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058383.D
 Acq: 26 Sep 2019 14:13

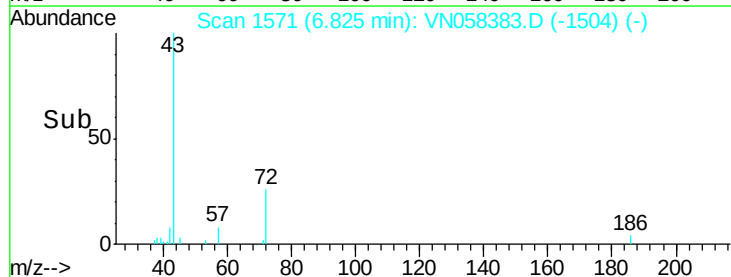
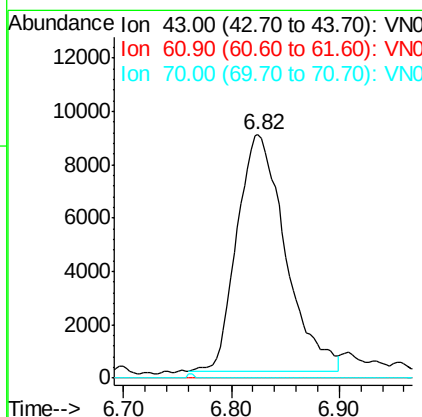
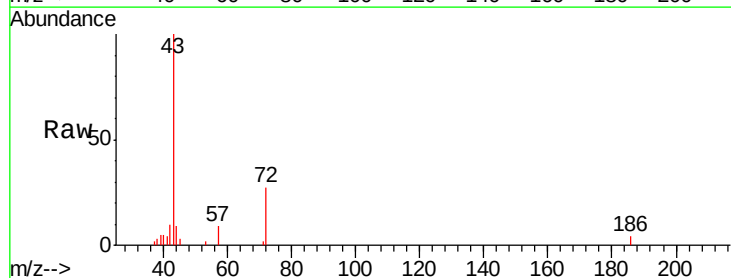
Instrument :
 MSVOA_N
 ClientSampled :
 30481

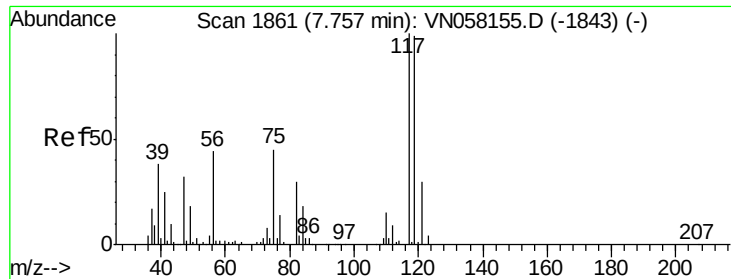
Tgt Ion: 75 Resp: 40856
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.6 49.7#
 77 0.0 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 4.872 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.08 min
 Lab File: VN058383.D
 Acq: 26 Sep 2019 14:13

Tgt Ion: 43 Resp: 27623
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 8.714 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

30481

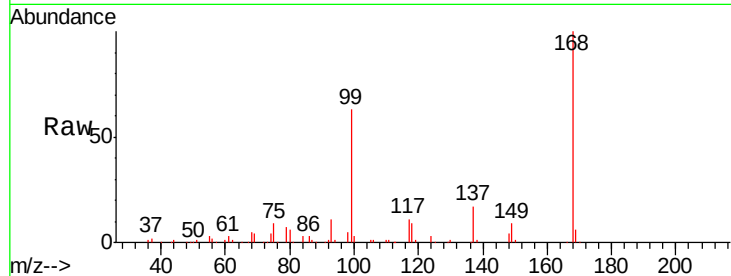
Tgt Ion:117 Resp: 47853

Ion Ratio Lower Upper

117 100

119 4.9 78.6 117.8#

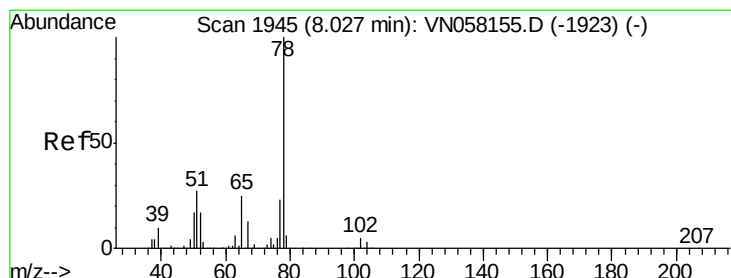
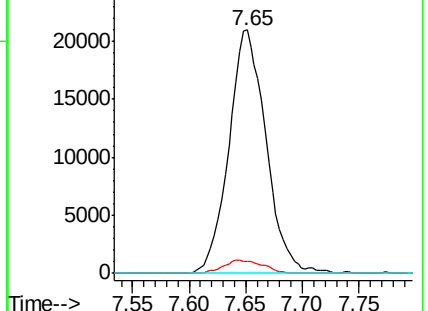
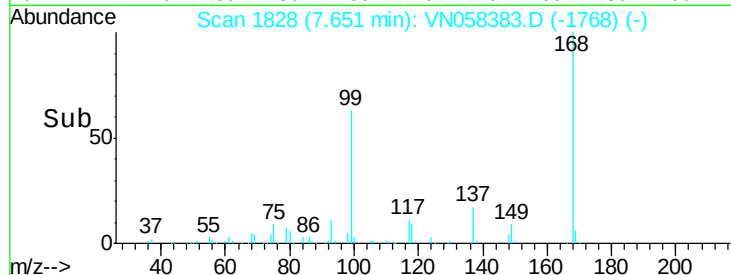
121 0.0 24.1 36.1#



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



#40

Benzene

Concen: 0.222 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058383.D

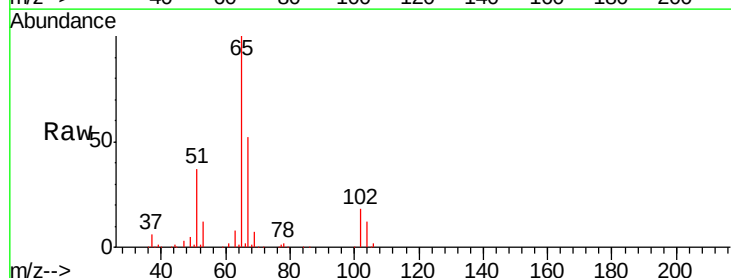
Acq: 26 Sep 2019 14:13

Tgt Ion: 78 Resp: 3709

Ion Ratio Lower Upper

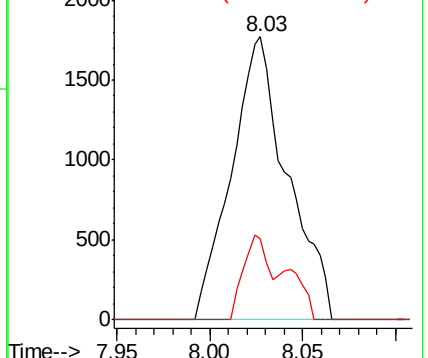
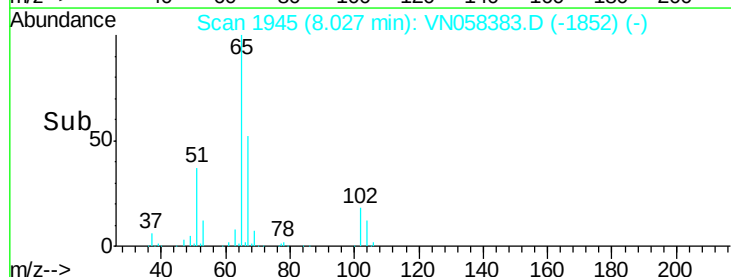
78 100

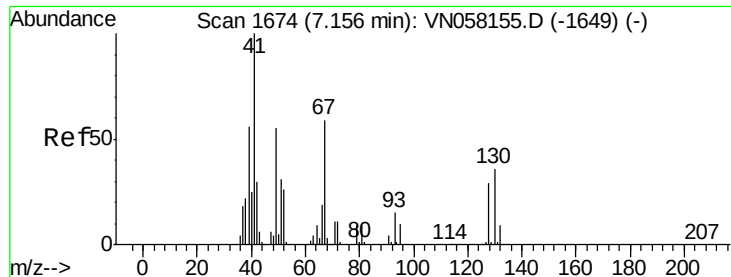
77 28.9 18.8 28.2#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

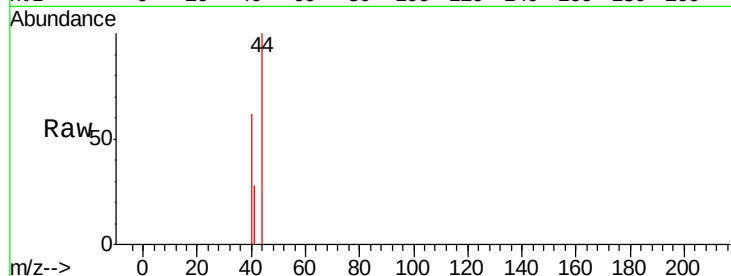




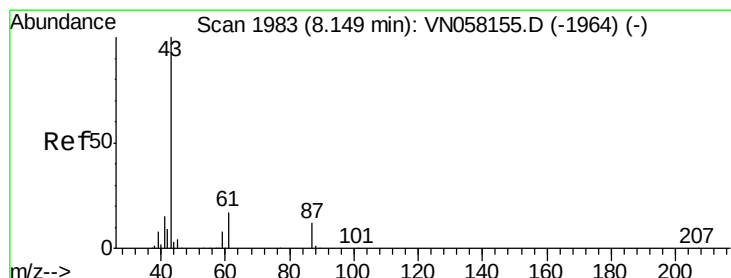
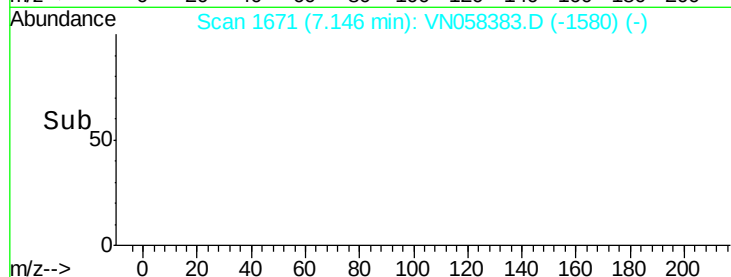
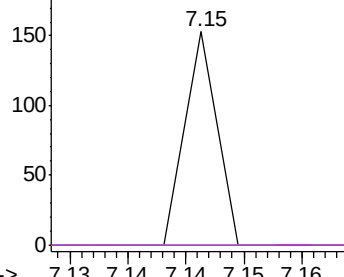
#41
Methacrylonitrile
Concen: 0.921 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Instrument :
MSVOA_N
ClientSampled :
30481

Tgt Ion:	41	Resp:	29
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

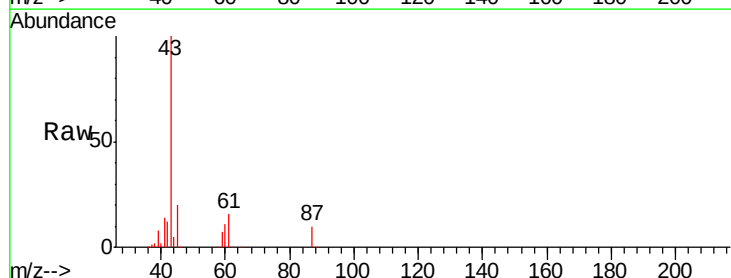


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

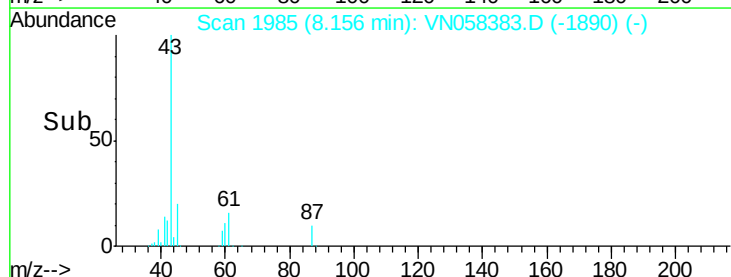
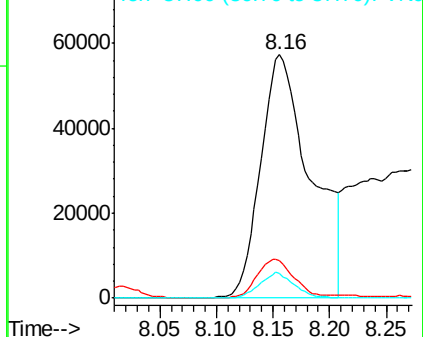


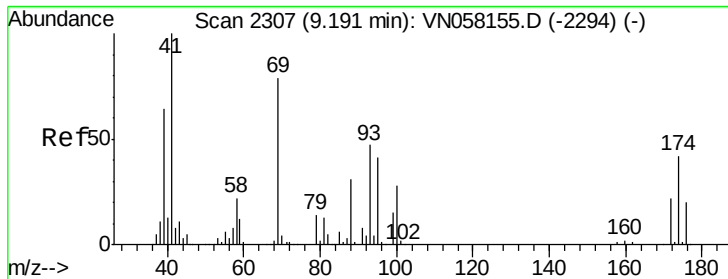
#43
Isopropyl Acetate
Concen: 16.620 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion:	43	Resp:	175973
Ion	Ratio	Lower	Upper
43	100		
61	12.3	19.7	29.5#
87	7.2	9.4	14.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

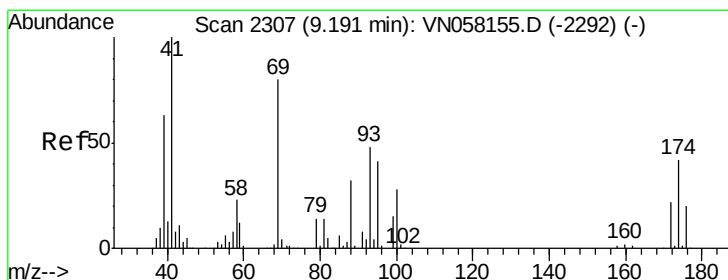
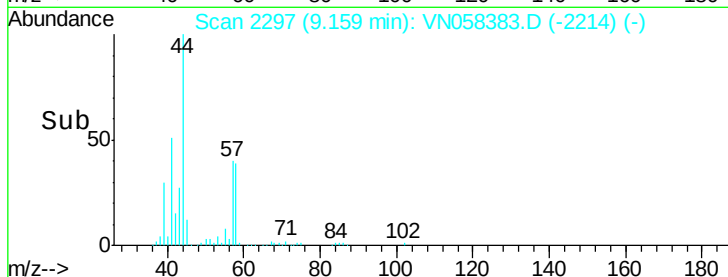
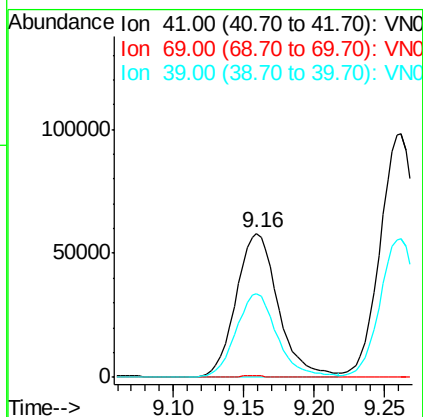
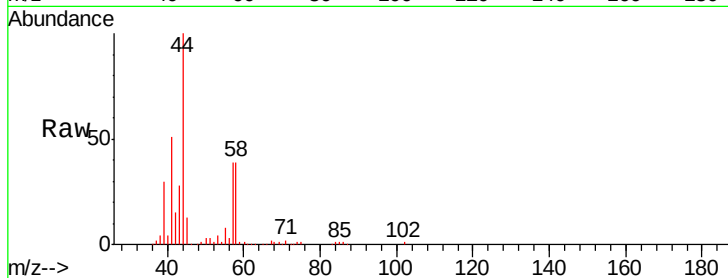




#48
Methyl methacrylate
Concen: 25.094 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.03 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

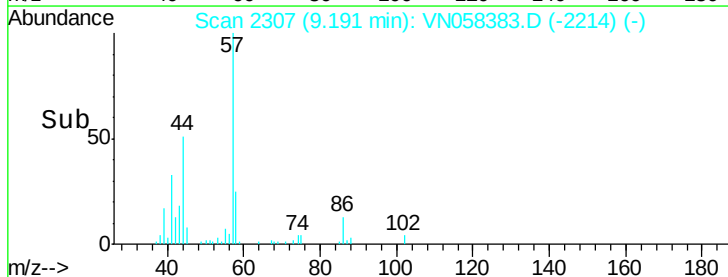
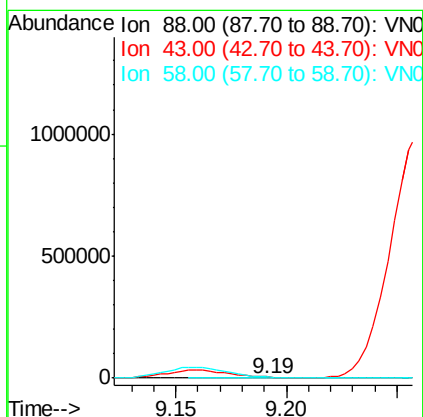
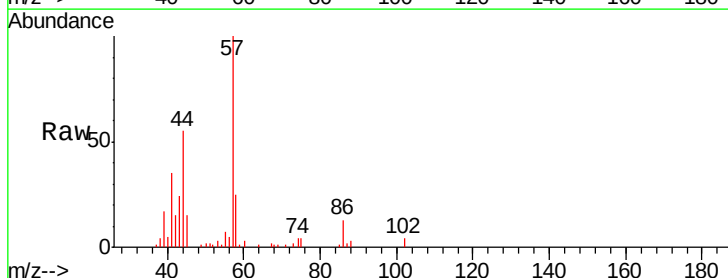
Instrument :
MSVOA_N
ClientSampled :
30481

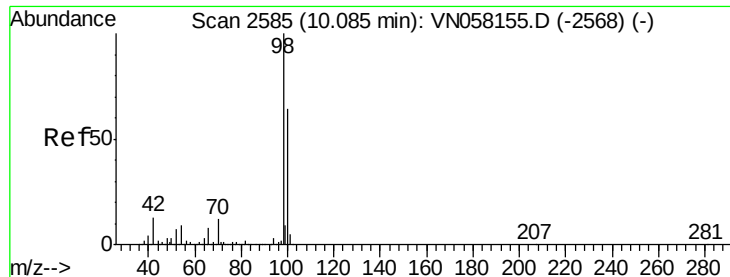
Tgt Ion: 41 Resp: 120634
Ion Ratio Lower Upper
41 100
69 0.9 62.5 93.7#
39 56.3 52.3 78.5



#49
1,4-Dioxane
Concen: 15.229 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion: 88 Resp: 1202
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.8#
58 0.0 55.0 82.4#





#50

Toluene-d8

Concen: 53.761 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

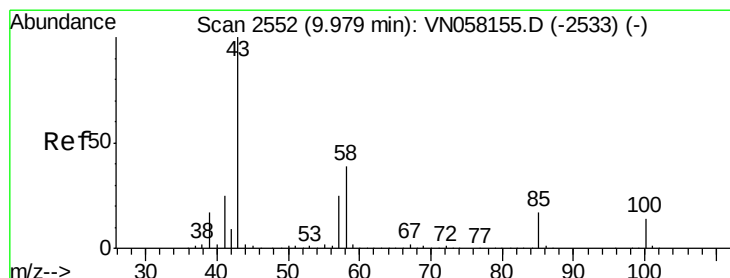
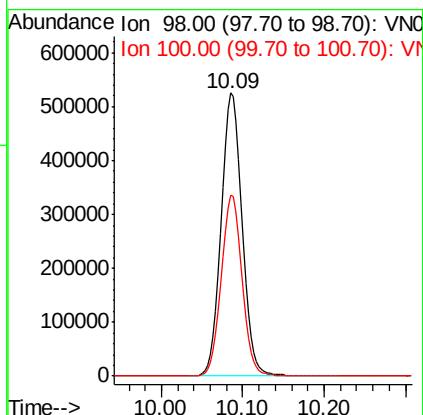
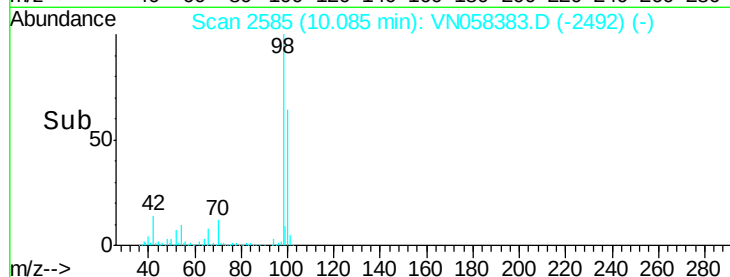
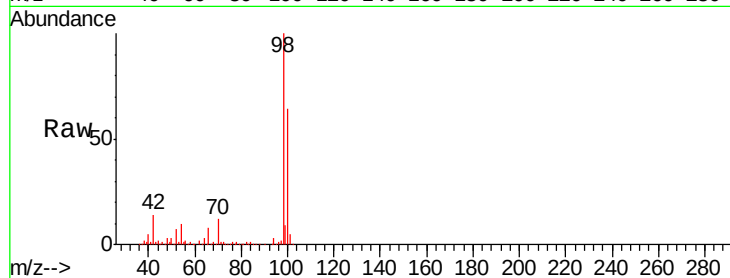
30481

Tgt Ion: 98 Resp: 964597

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 4.092 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058383.D

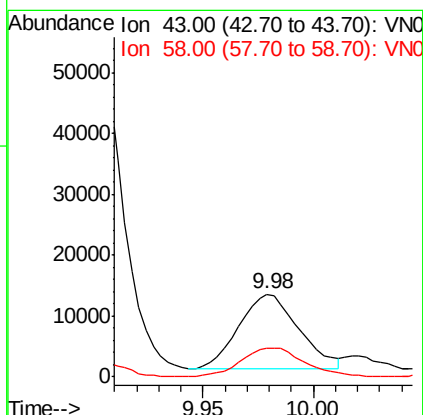
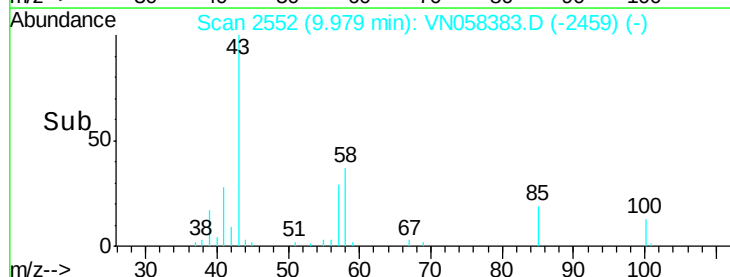
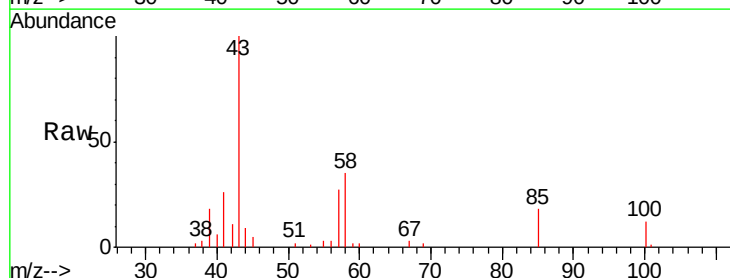
Acq: 26 Sep 2019 14:13

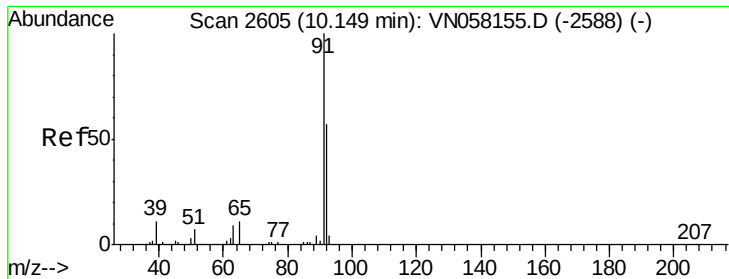
Tgt Ion: 43 Resp: 23010

Ion Ratio Lower Upper

43 100

58 41.2 30.2 45.4





#52

Toluene

Concen: 242.478 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

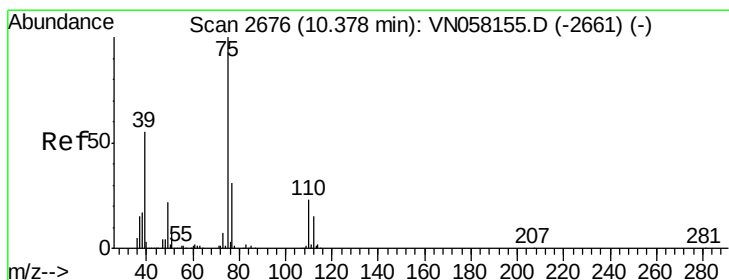
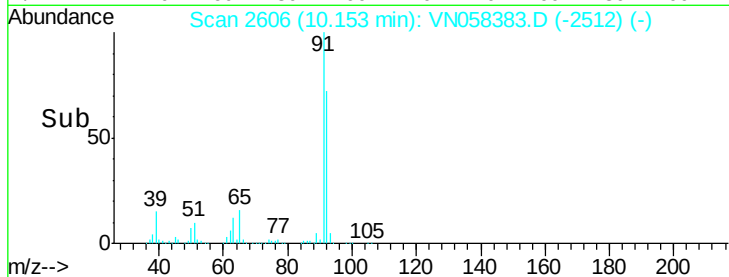
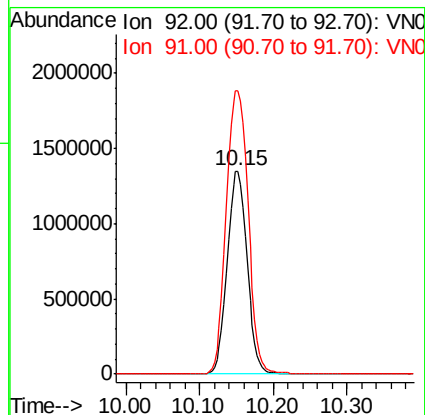
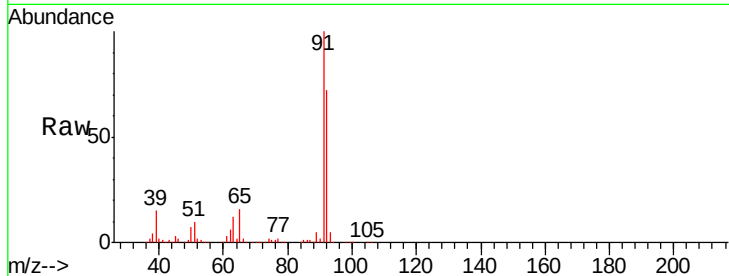
30481

Tgt Ion: 92 Resp: 2535550

Ion Ratio Lower Upper

92 100

91 154.3 140.2 210.2



#53

t-1,3-Dichloropropene

Concen: 4.992 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.23 min

Lab File: VN058383.D

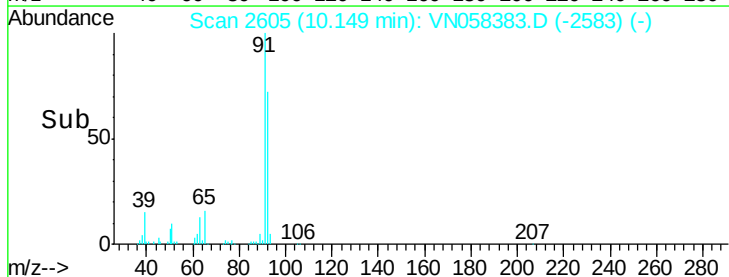
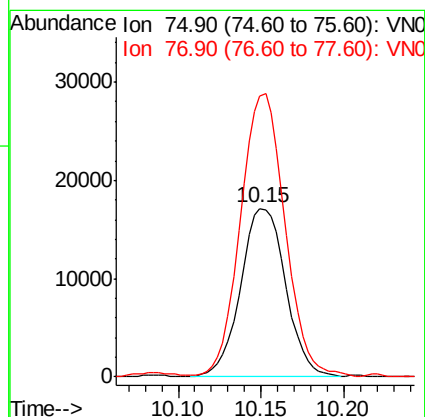
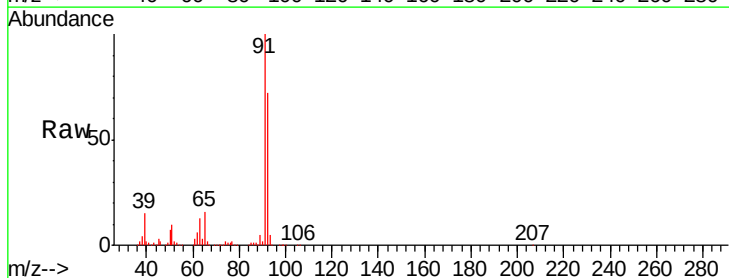
Acq: 26 Sep 2019 14:13

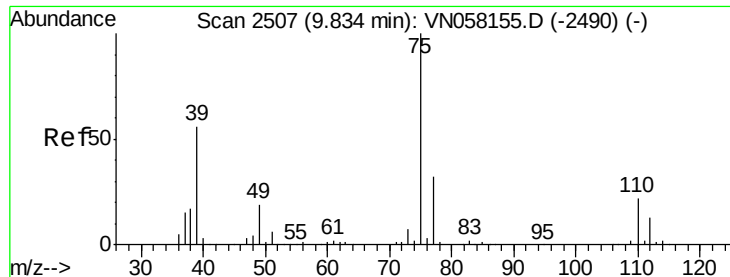
Tgt Ion: 75 Resp: 32453

Ion Ratio Lower Upper

75 100

77 166.0 24.9 37.3#





#54

cis-1,3-Dichloropropene

Concen: 6.137 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

30481

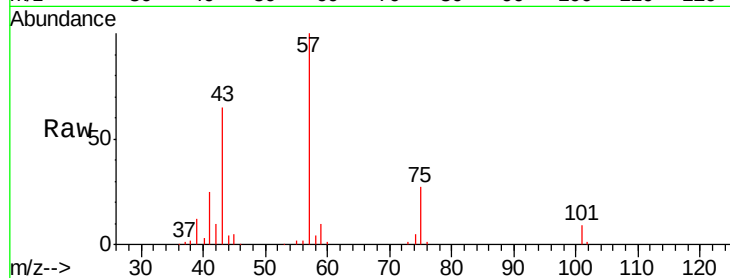
Tgt Ion: 75 Resp: 44048

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

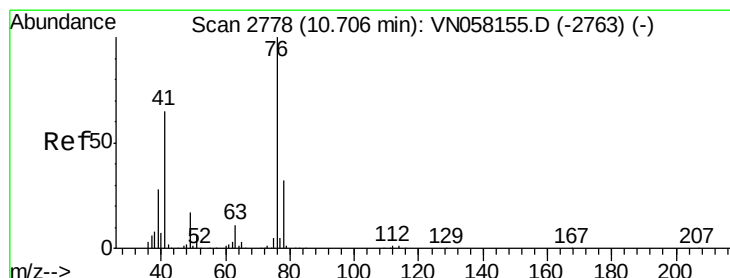
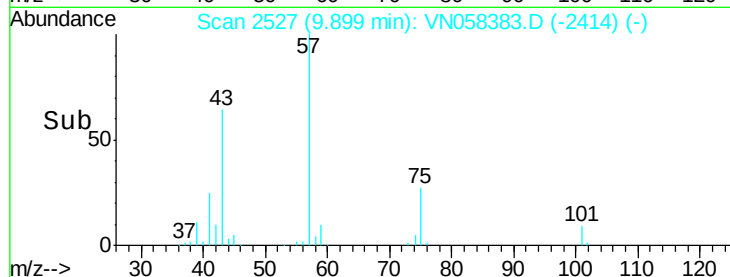
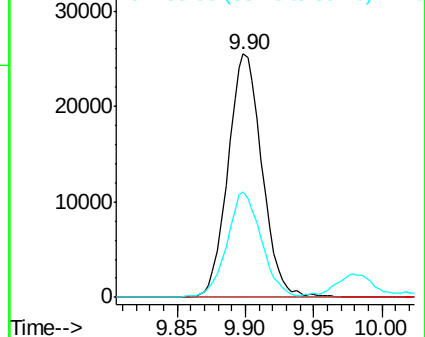
39 42.6 45.0 67.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.970 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058383.D

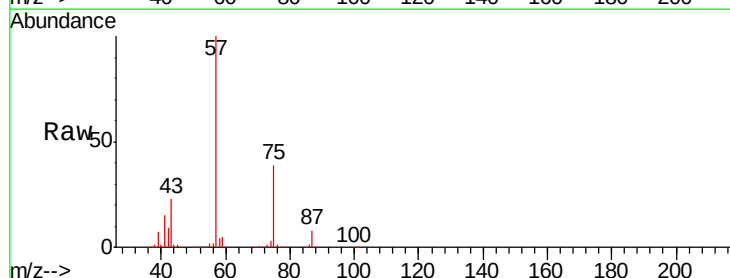
Acq: 26 Sep 2019 14:13

Tgt Ion: 76 Resp: 7737

Ion Ratio Lower Upper

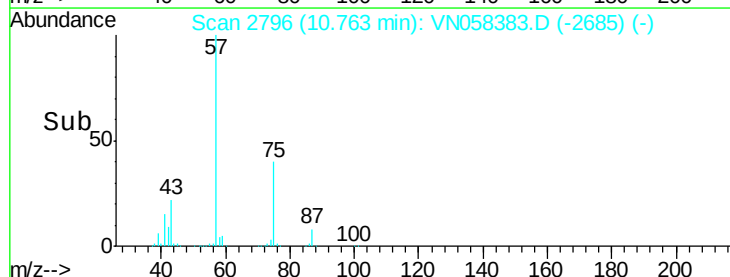
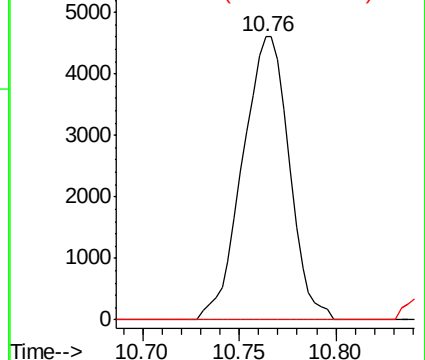
76 100

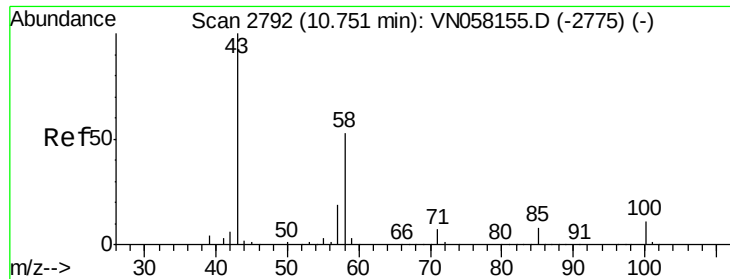
78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

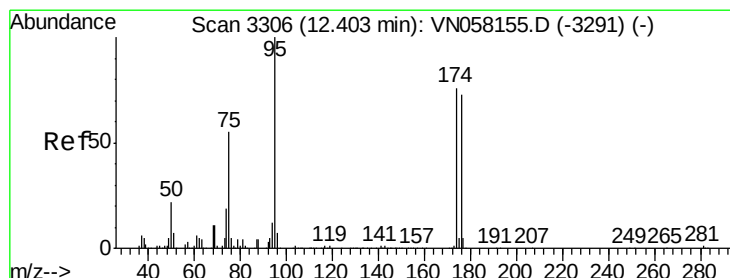
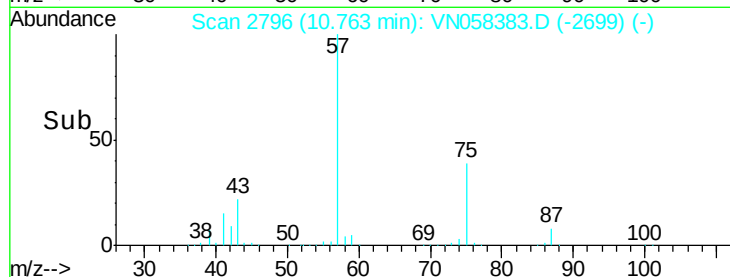
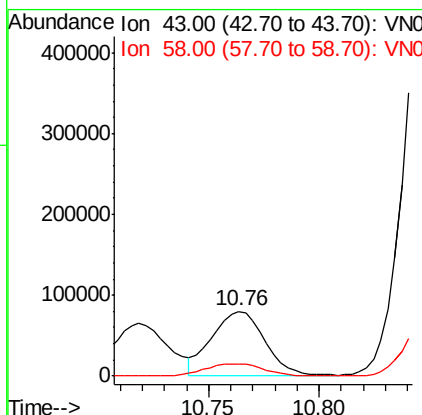
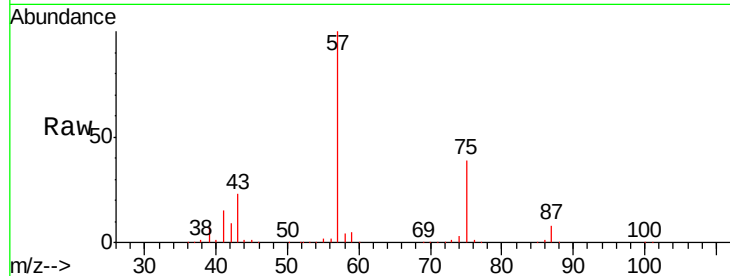




#59
2-Hexanone
Concen: 31.321 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

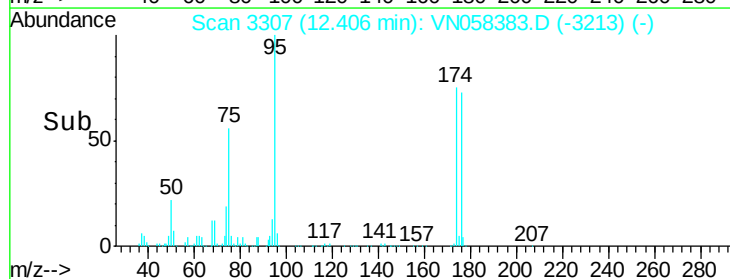
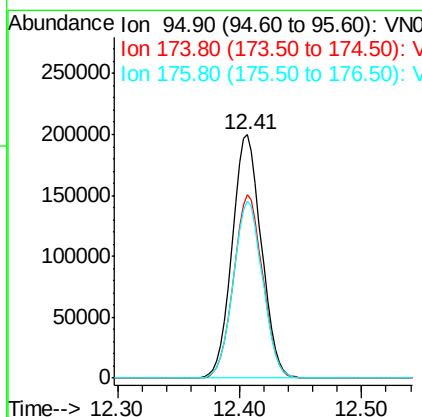
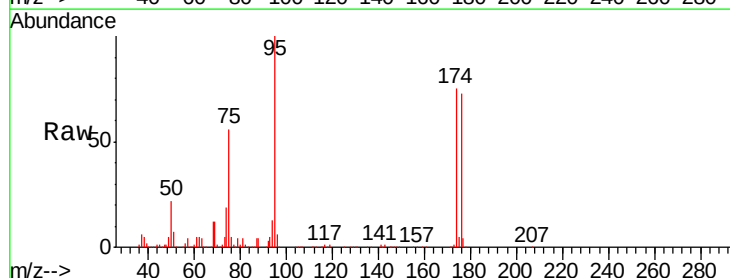
Instrument :
MSVOA_N
ClientSampleId :
30481

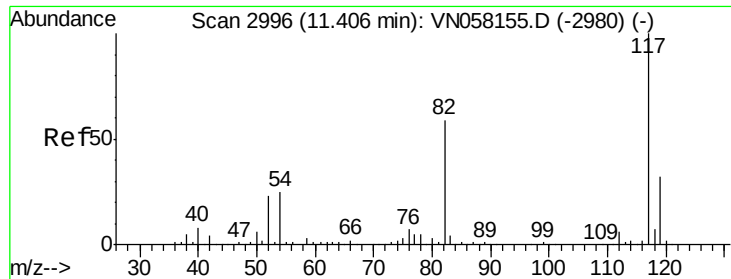
Tgt Ion: 43 Resp: 130819
Ion Ratio Lower Upper
43 100
58 22.2 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 49.926 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion: 95 Resp: 332749
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.2
176 72.8 0.0 148.0

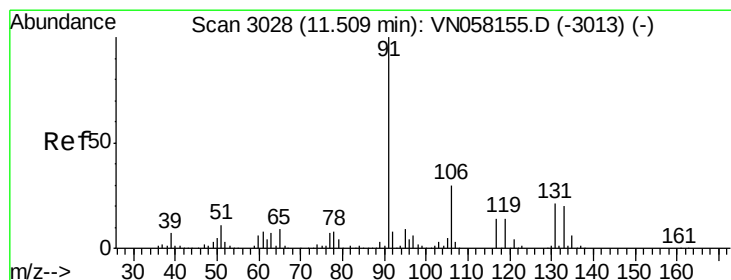
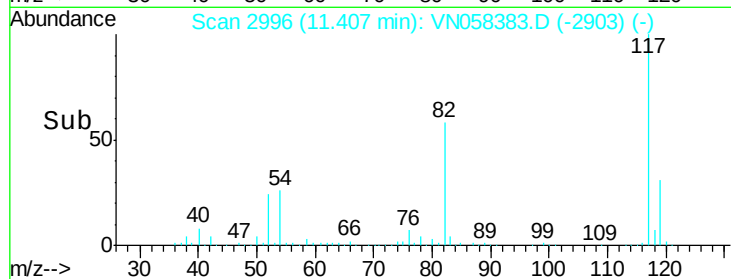
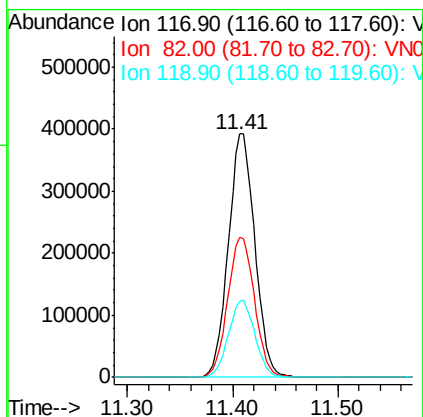
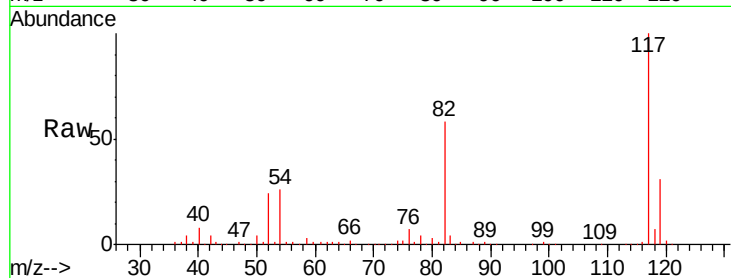




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

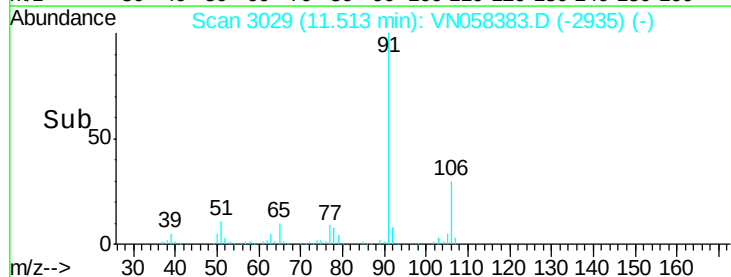
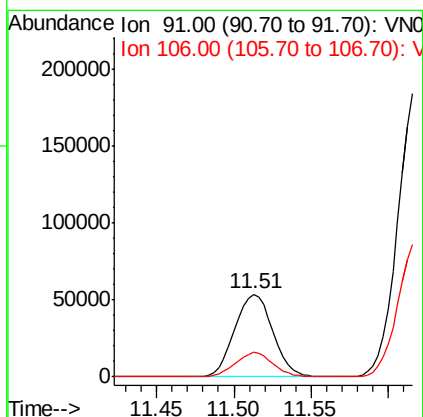
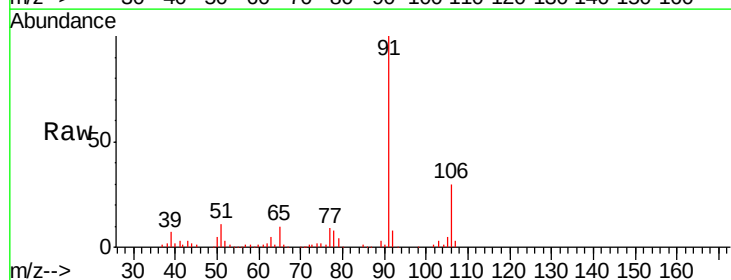
Instrument :
MSVOA_N
ClientSampled :
30481

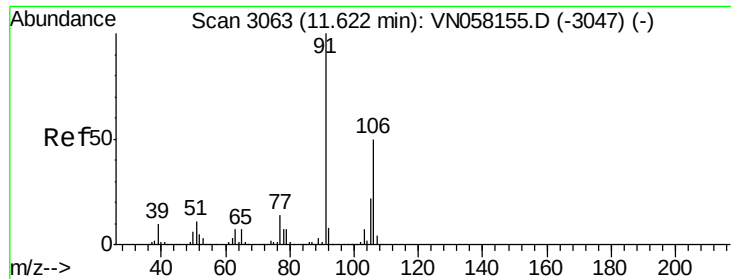
Tgt Ion: 117 Resp: 681232
Ion Ratio Lower Upper
117 100
82 57.6 46.9 70.3
119 31.2 25.3 37.9



#67
Ethyl Benzene
Concen: 4.490 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion: 91 Resp: 92187
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0

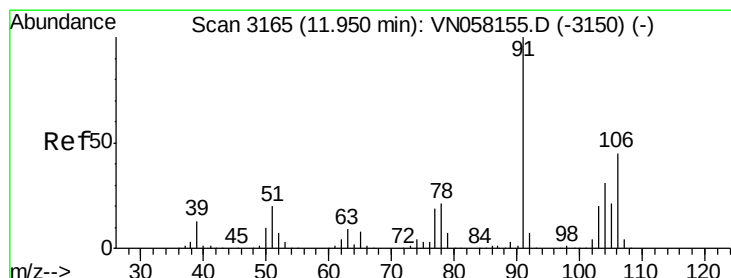
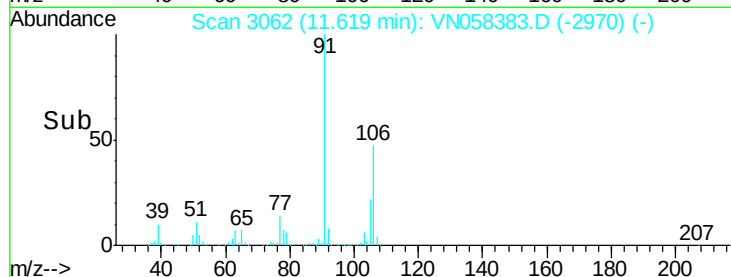
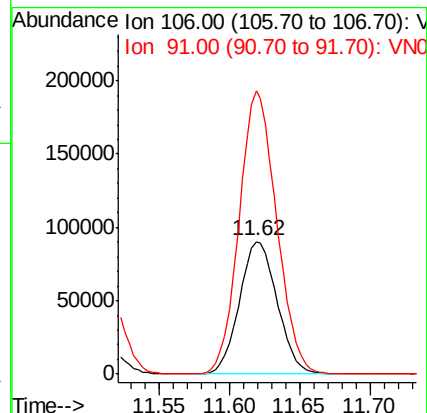
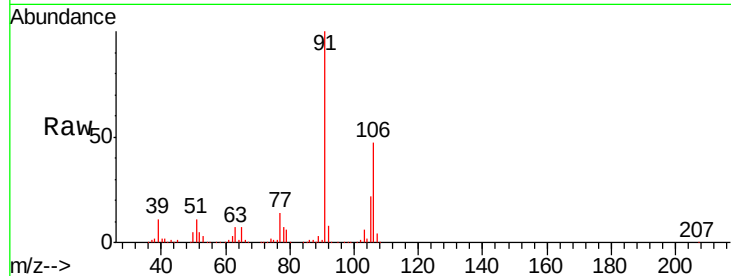




#68
m/p-Xylenes
Concen: 21.963 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

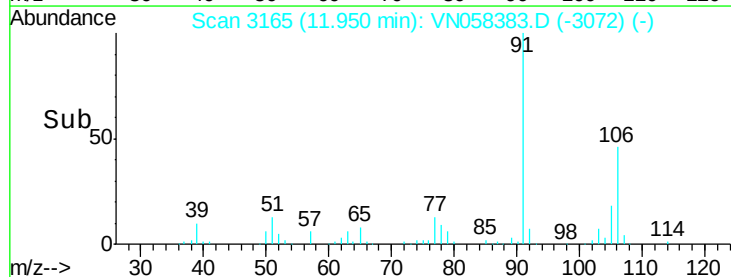
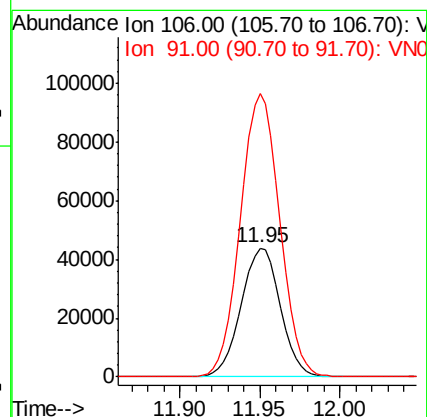
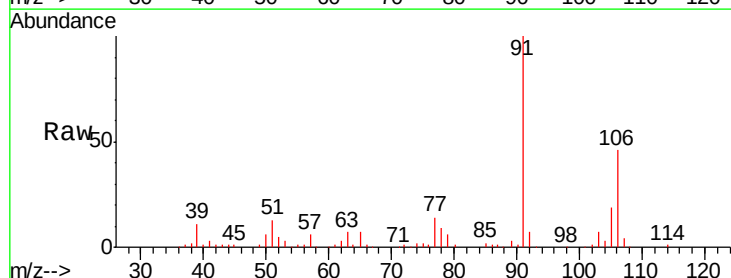
Instrument :
MSVOA_N
ClientSampled :
30481

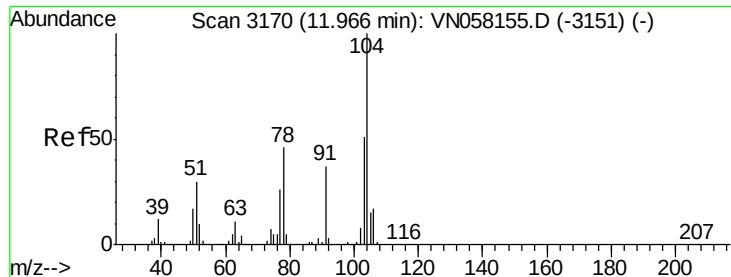
Tgt Ion:106 Resp: 169837
Ion Ratio Lower Upper
106 100
91 211.5 163.6 245.4



#69
o-Xylene
Concen: 9.623 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058383.D
Acq: 26 Sep 2019 14:13

Tgt Ion:106 Resp: 73167
Ion Ratio Lower Upper
106 100
91 220.9 111.8 335.3





#70

Styrene

Concen: 0.821 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

30481

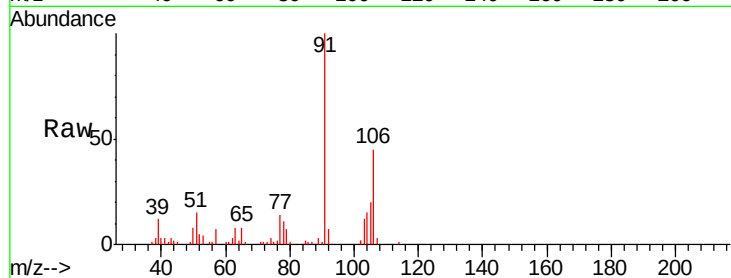
Tgt Ion:104 Resp: 10760

Ion Ratio Lower Upper

104 100

78 141.5 41.8 62.8#

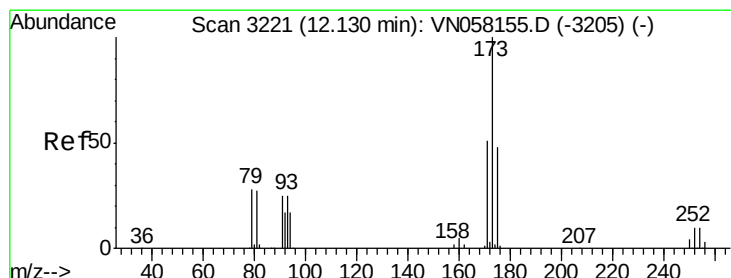
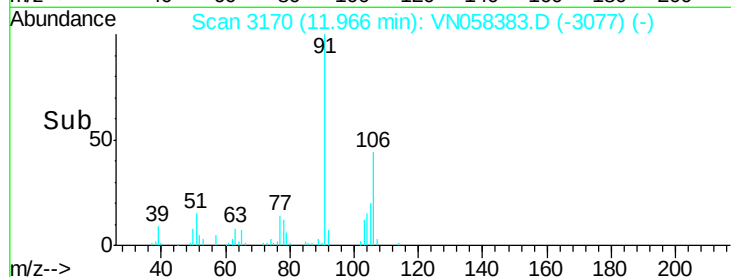
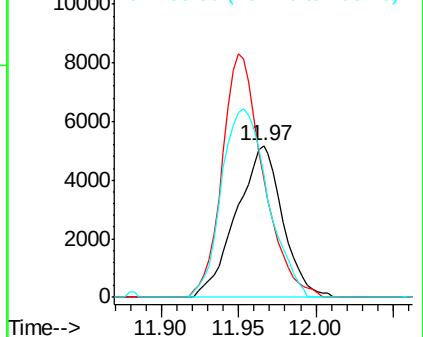
103 124.8 44.2 66.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 4.242 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

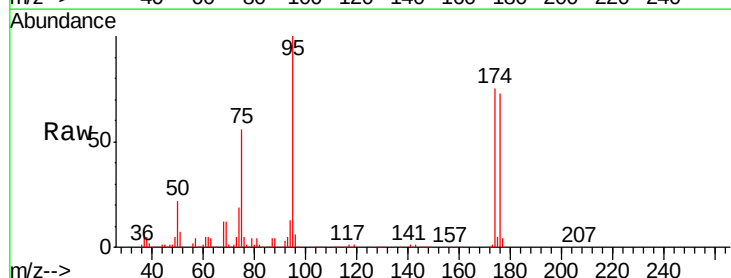
Tgt Ion:173 Resp: 2246

Ion Ratio Lower Upper

173 100

175 683.6 24.2 72.6#

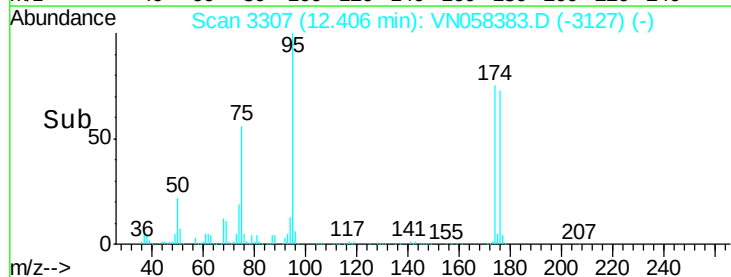
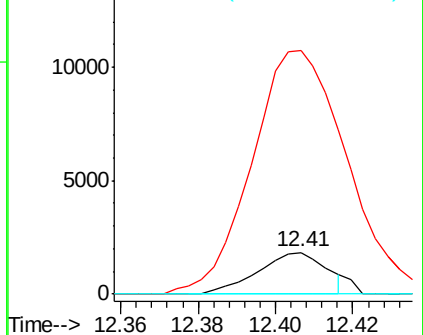
254 0.0 0.1 0.1#

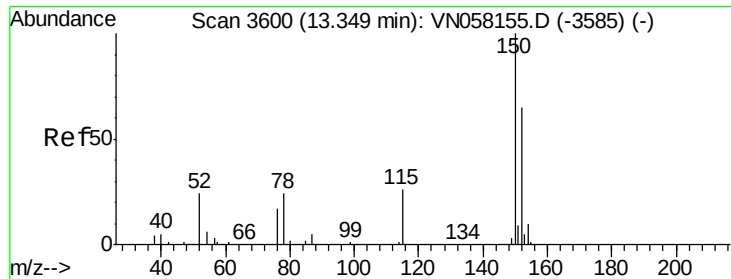


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

30481

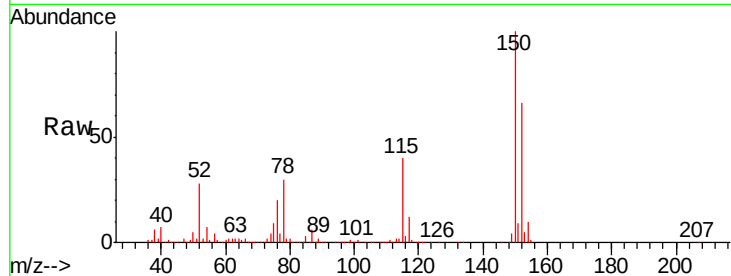
Tgt Ion:152 Resp: 301745

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

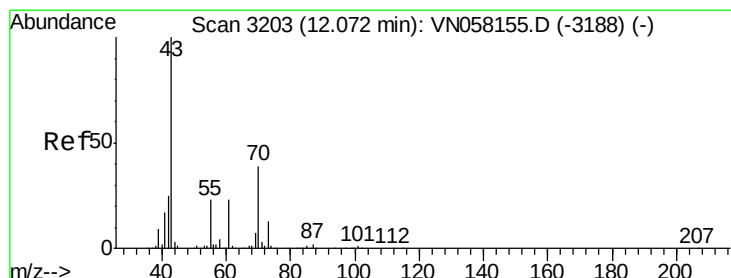
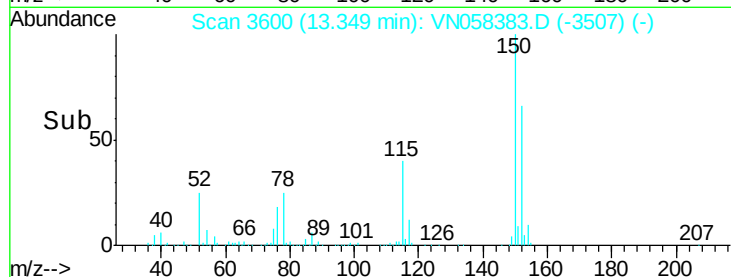
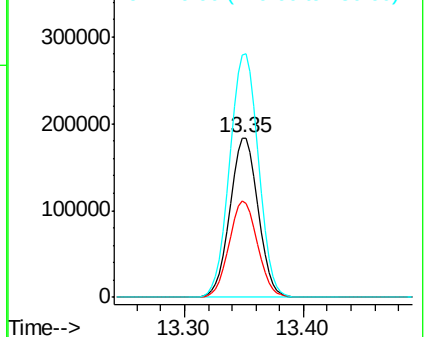
150 155.8 0.0 346.4



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



#74

N-ethyl acetate

Concen: 3.837 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Tgt Ion: 43 Resp: 30314

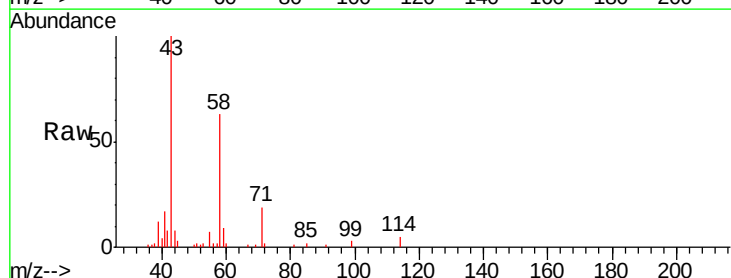
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 6.0 18.5 27.7#

61 0.0 18.2 27.2#

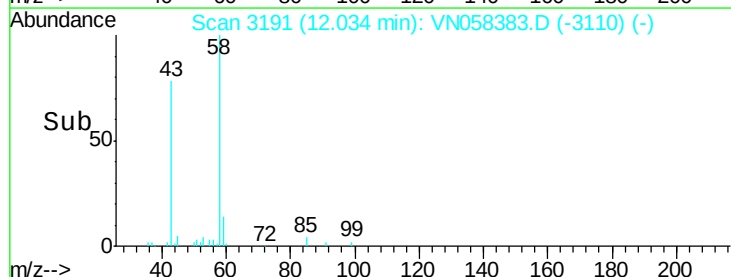
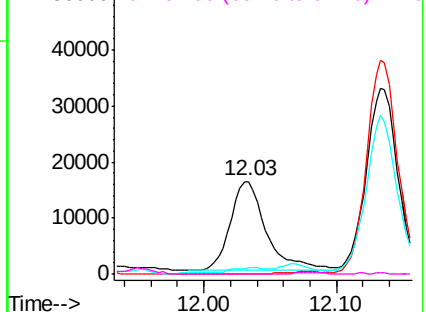


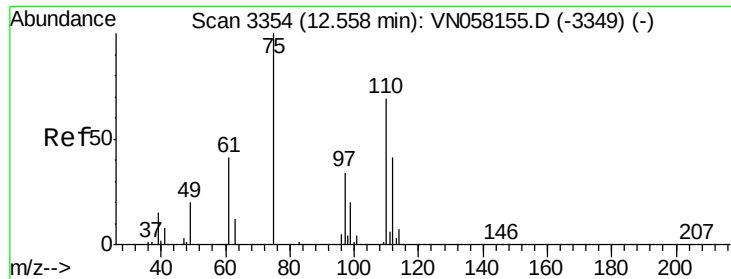
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 33.877 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

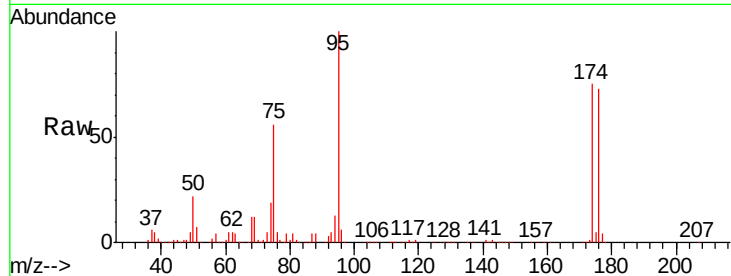
30481

Tgt Ion: 75 Resp: 182947

Ion Ratio Lower Upper

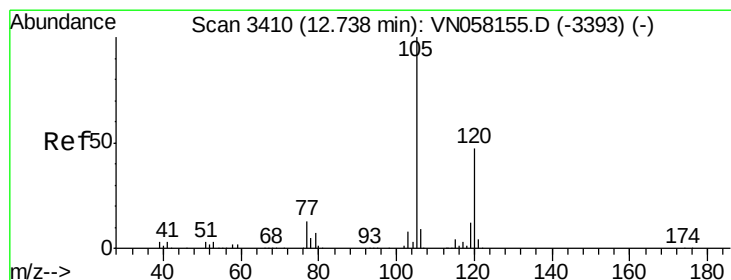
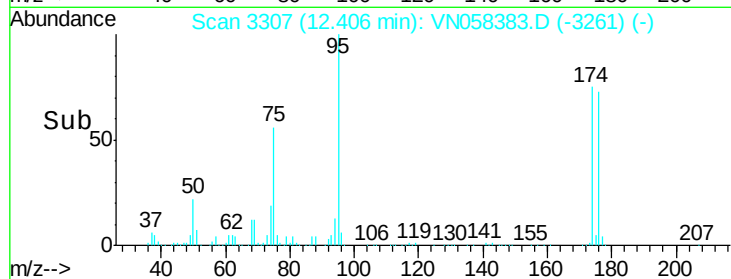
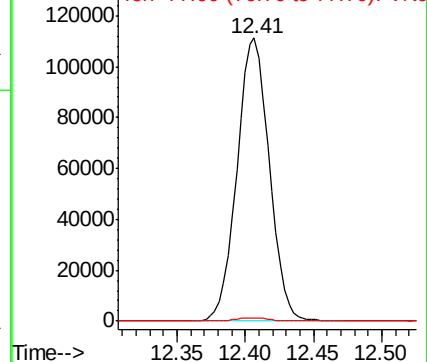
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.443 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058383.D

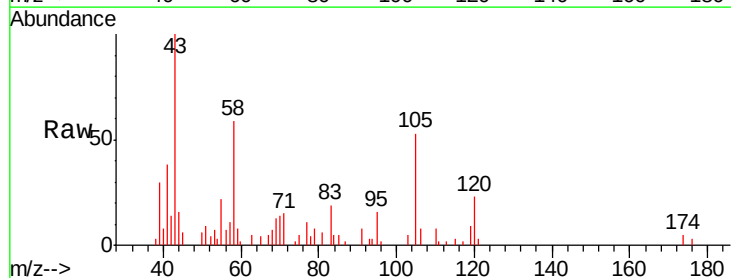
Acq: 26 Sep 2019 14:13

Tgt Ion: 105 Resp: 7076

Ion Ratio Lower Upper

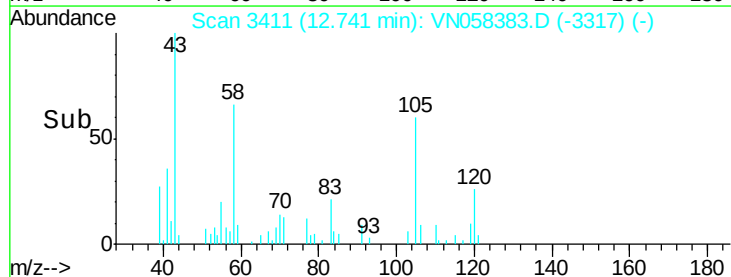
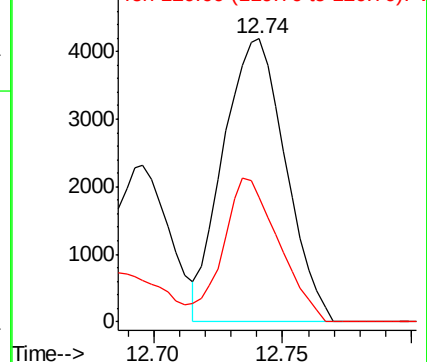
105 100

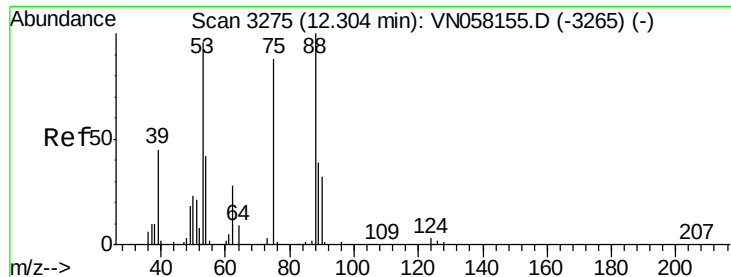
120 45.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 94.952 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

30481

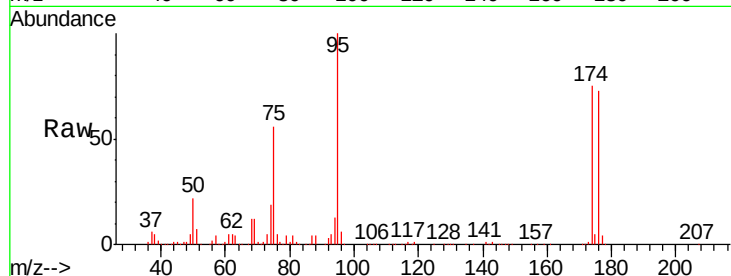
Tgt Ion: 75 Resp: 182947

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

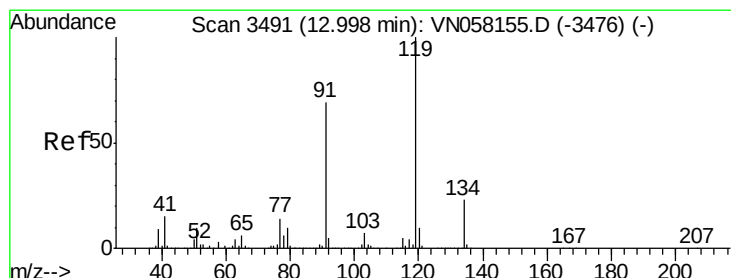
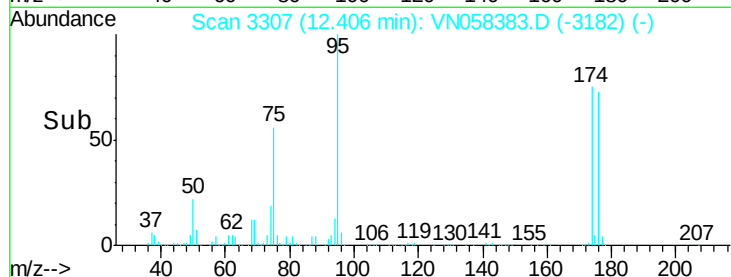
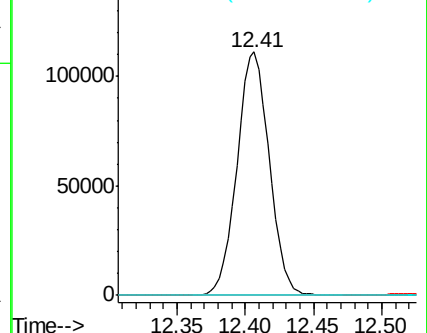
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN058383.D (-3307) (-)

Ion 53.00 (52.70 to 53.70): VN058383.D (-3307) (-)

Ion 88.90 (88.60 to 89.60): VN058383.D (-3307) (-)



#83

tert-Butylbenzene

Concen: 0.275 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.05 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

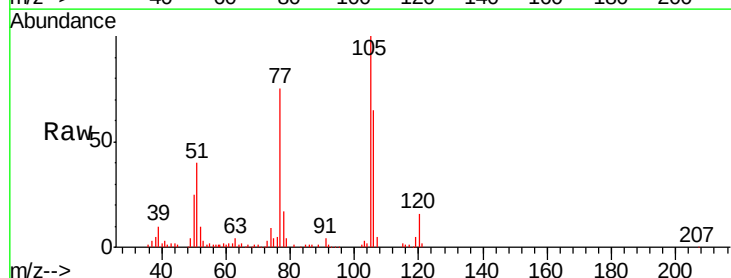
Tgt Ion: 119 Resp: 3923

Ion Ratio Lower Upper

119 100

91 91.7 33.8 101.3

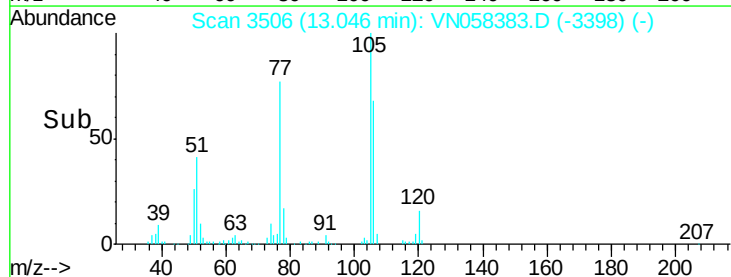
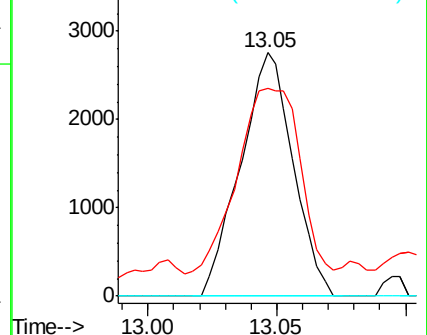
134 0.0 11.6 34.8#

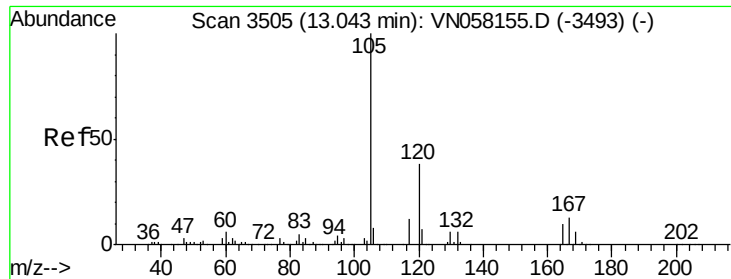


Abundance Ion 119.00 (118.70 to 119.70): VN058383.D (-3506) (-)

Ion 91.00 (90.70 to 91.70): VN058383.D (-3506) (-)

Ion 134.00 (133.70 to 134.70): VN058383.D (-3506) (-)

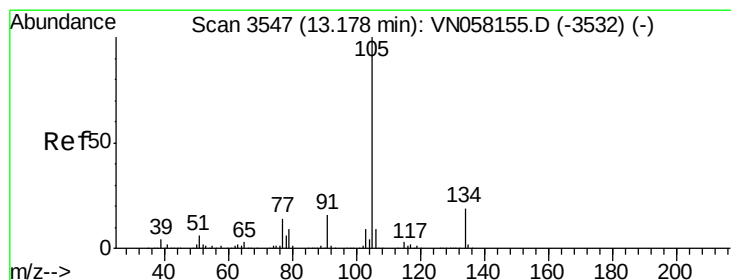
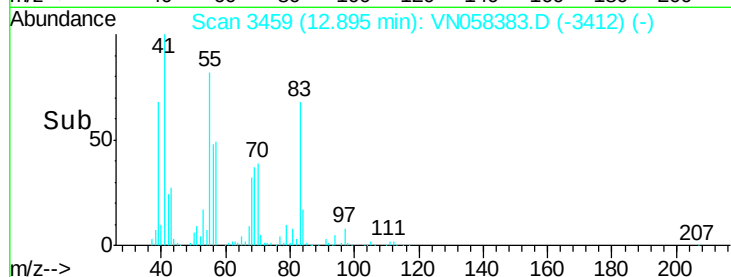
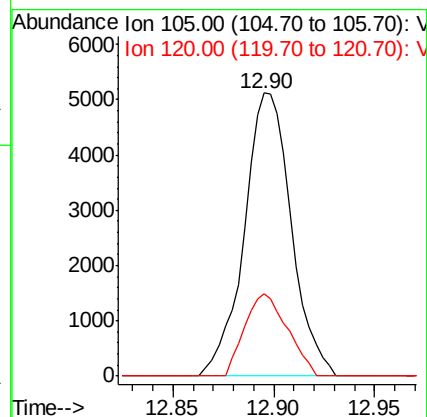
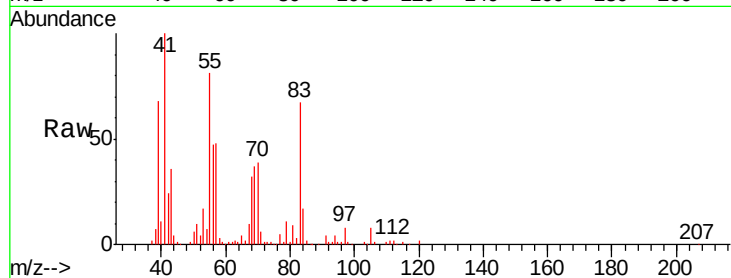




#84
 1,2,4-Trimethylbenzene
 Concen: 0.526 ug/l
 RT: 12.90 min Scan# 3459
 Delta R.T. -0.15 min
 Lab File: VN058383.D
 Acq: 26 Sep 2019 14:13

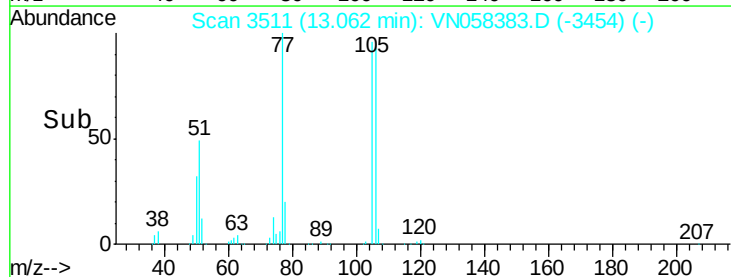
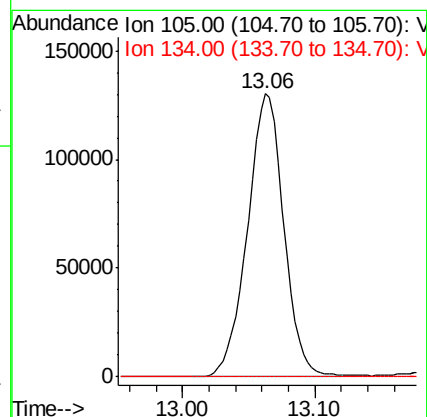
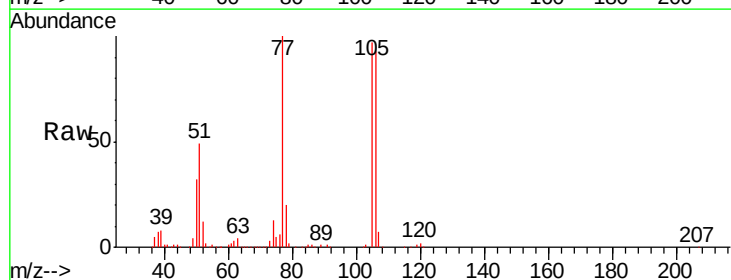
Instrument :
 MSVOA_N
 ClientSampleId :
 30481

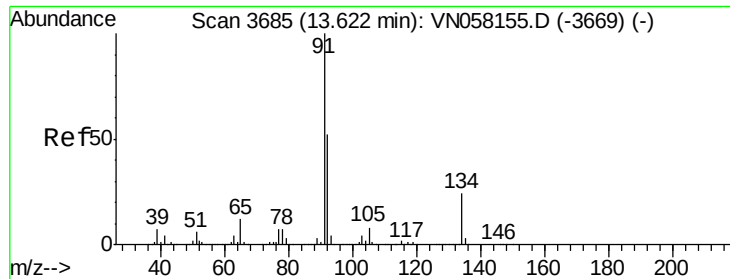
Tgt Ion:105 Resp: 8364
 Ion Ratio Lower Upper
 105 100
 120 26.4 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 13.286 ug/l
 RT: 13.06 min Scan# 3511
 Delta R.T. -0.12 min
 Lab File: VN058383.D
 Acq: 26 Sep 2019 14:13

Tgt Ion:105 Resp: 247448
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#





#89

n-Butylbenzene

Concen: 0.203 ug/l

RT: 13.63 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

30481

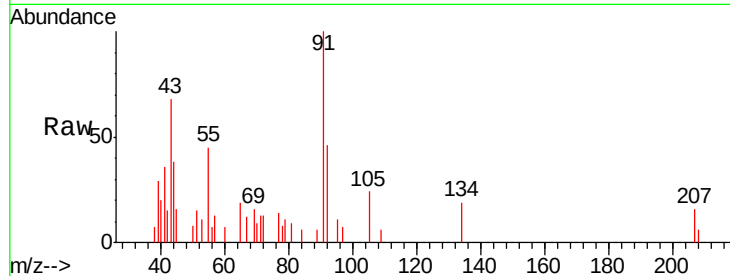
Tgt Ion: 91 Resp: 3192

Ion Ratio Lower Upper

91 100

92 66.2 25.7 77.0

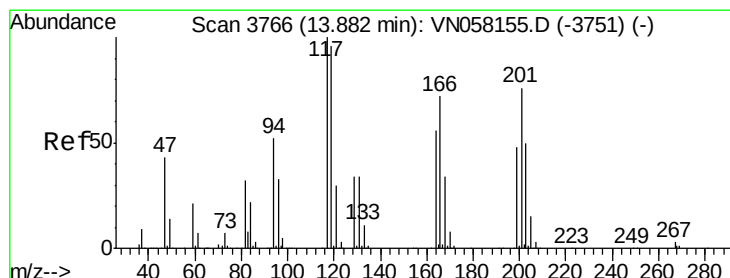
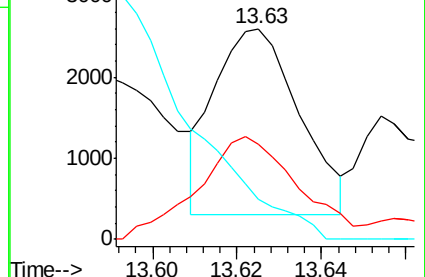
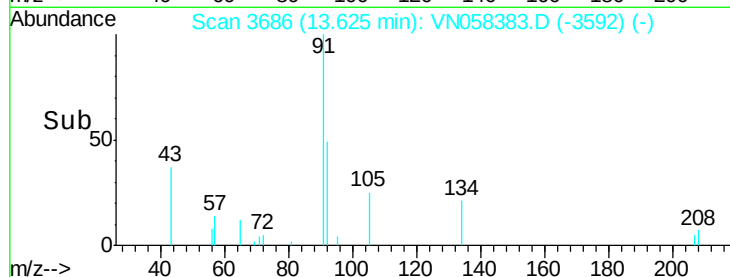
134 0.0 11.8 35.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#90

Hexachloroethane

Concen: 3.315 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.01 min

Lab File: VN058383.D

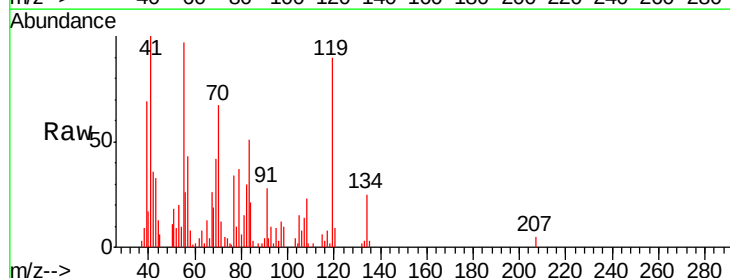
Acq: 26 Sep 2019 14:13

Tgt Ion: 117 Resp: 1516

Ion Ratio Lower Upper

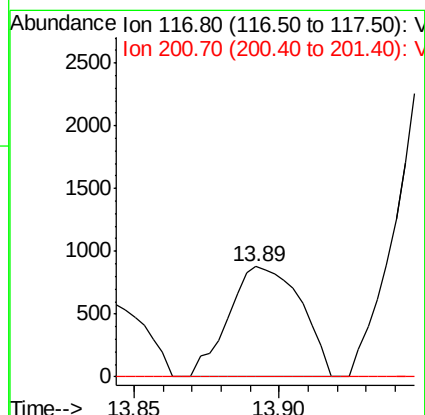
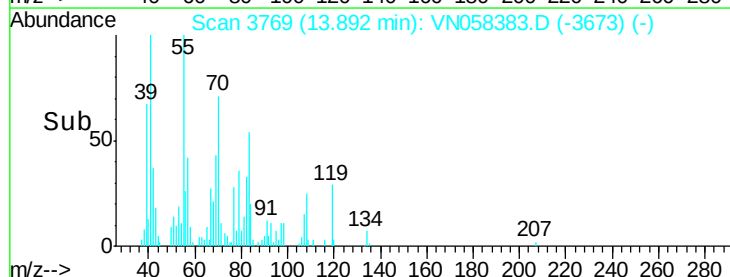
117 100

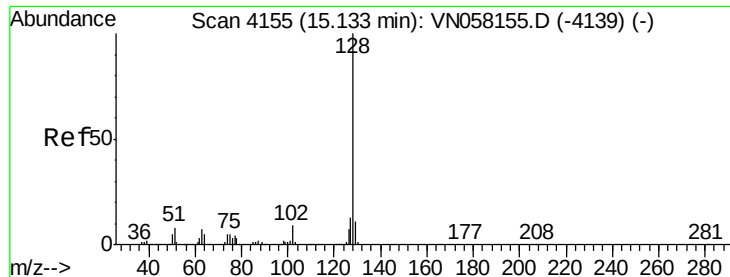
201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): VN0

Ion 200.70 (200.40 to 201.40): VN0





#95

Naphthalene

Concen: 1.593 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058383.D

Acq: 26 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

30481

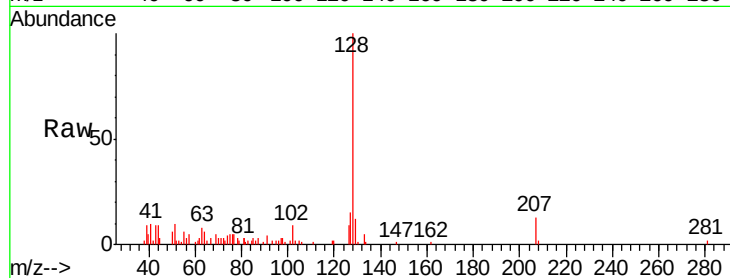
Tgt Ion:128 Resp: 22959

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 12.0 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

