

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059167.D
 Acq On : 11 Nov 2019 17:29
 Operator : JC/SP
 Sample : K5746-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1A-COMP

Quant Time: Nov 12 00:44:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	439326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	699060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	634726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237420	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	295906	54.79	ug/l	0.00
Spiked Amount			Recovery	=	109.58%	
35) Dibromofluoromethane	7.57	113	224500	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
50) Toluene-d8	10.08	98	887133	53.96	ug/l	0.00
Spiked Amount			Recovery	=	107.92%	
62) 4-Bromofluorobenzene	12.40	95	285183	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	342	0.332	ug/l #	72
14) Allyl chloride	4.52	41	30516	3.625	ug/l #	29
16) Acetone	3.80	43	12367	4.404	ug/l	96
17) Carbon Disulfide	4.02	76	2701	0.212	ug/l #	75
18) Methyl Acetate	4.30	43	11442	1.717	ug/l #	77
20) Methylene Chloride	4.53	84	810308	165.620	ug/l	98
25) 2-Butanone	6.82	43	2506	0.677	ug/l	96
29) Tetrahydrofuran	7.20	42	948	0.403	ug/l #	35
31) Cyclohexane	7.65	56	9458	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	34403	5.265	ug/l #	50
38) Carbon Tetrachloride	7.64	117	43070	6.623	ug/l #	17
43) Isopropyl Acetate	8.15	43	113253	9.773	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	2632	0.492	ug/l #	44
48) Methyl methacrylate	9.17	41	7544	1.455	ug/l #	14
49) 1,4-Dioxane	9.26	88	306	3.322	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7128	1.087	ug/l	94
52) Toluene	10.15	92	2647	0.224	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	46068	5.574	ug/l #	66
56) Ethyl methacrylate	10.54	69	1701	2.079	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	8617	1.049	ug/l #	42
59) 2-Hexanone	10.76	43	130700	25.969	ug/l #	51
67) Ethyl Benzene	11.51	91	4663	0.212	ug/l	91
68) m/p-Xylenes	11.61	106	6424	0.781	ug/l	95
69) o-Xylene	11.95	106	2317	0.292	ug/l	89
71) Bromoform	12.40	173	1782	0.494	ug/l #	1
74) N-amyl acetate	12.03	43	5823	0.796	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	143162	26.486	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8845	0.604	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	143162	69.956	ug/l #	13
83) tert-Butylbenzene	13.04	119	2710	0.214	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.04	105	18420	1.301	ug/l	98
85) sec-Butylbenzene	13.04	105	18420	1.121	ug/l #	57
92) 1,2-Dibromo-3-Chloropropan	14.27	75	377	0.347	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	60	3.059	ug/l #	1

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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

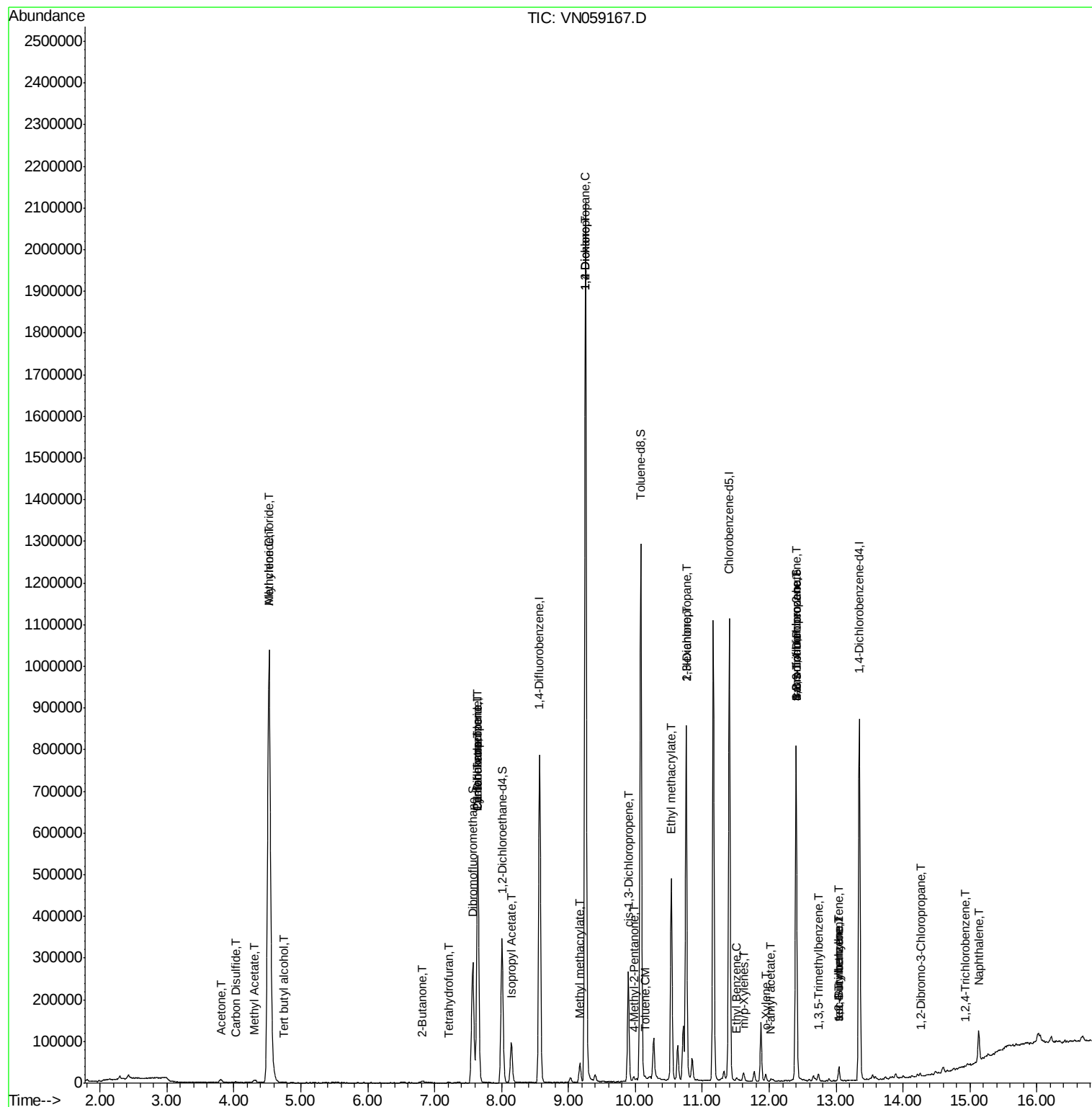
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	61173	7.714	ug/l	100

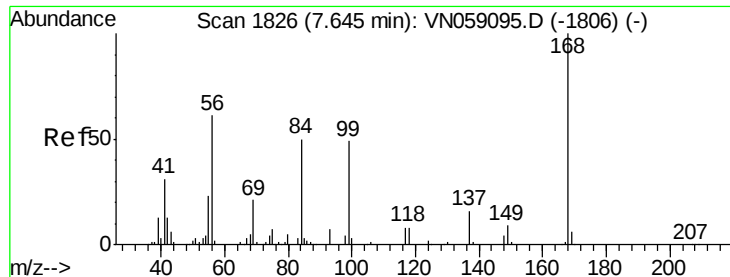
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

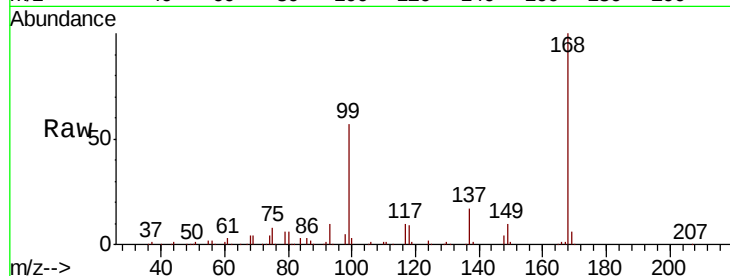
TP-1A-COMP

Tot Ion:168 Resp: 439326

Ion Ratio Lower Upper

168 100

99 56.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

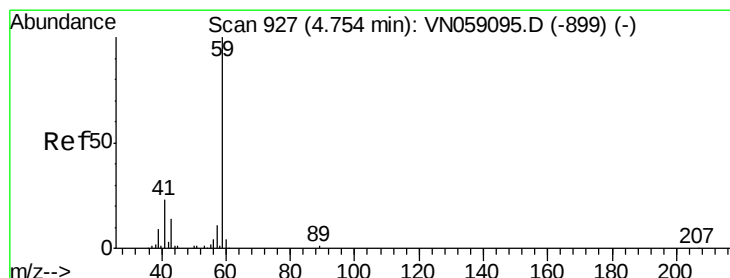
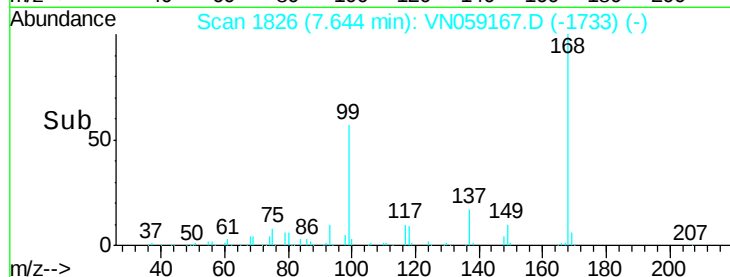
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.332 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.01 min

Lab File: VN059167.D

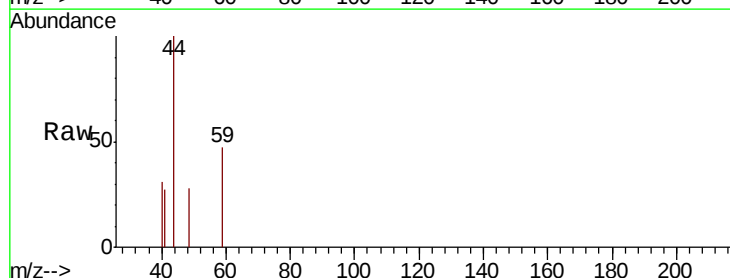
Acq: 11 Nov 2019 17:29

Tgt Ion: 59 Resp: 342

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.74

400

300

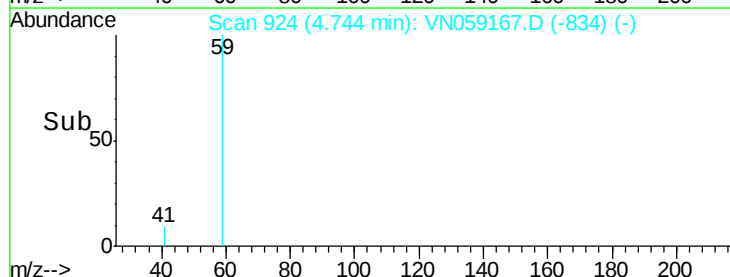
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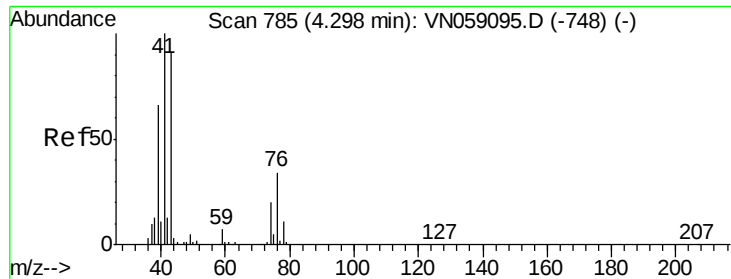
100

0

4.73 4.74 4.75

Time-->

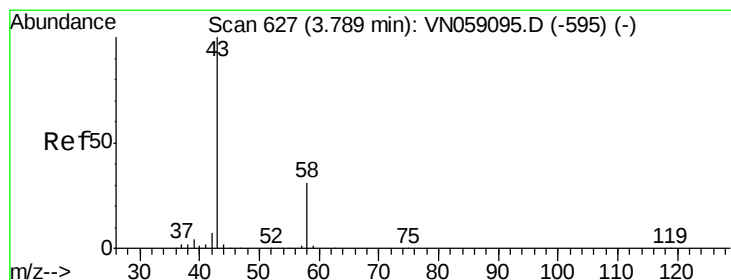
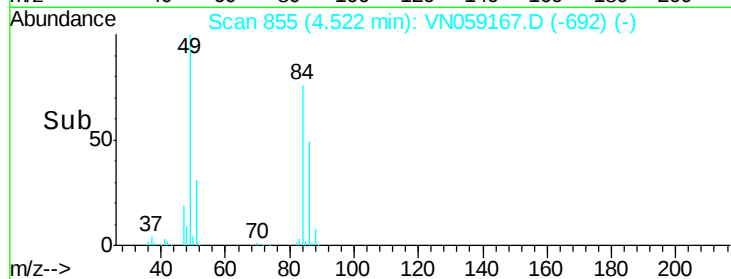
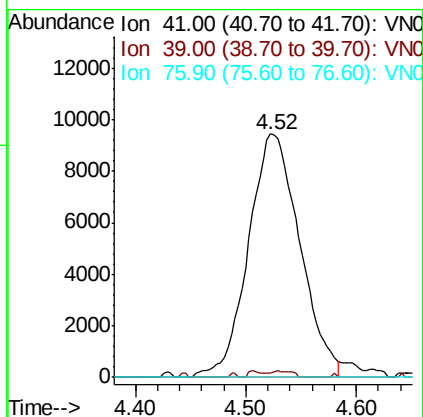
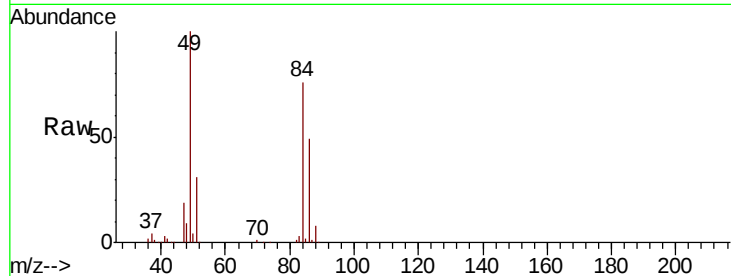




#14
Allvl chloride
Concen: 3.625 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.22 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

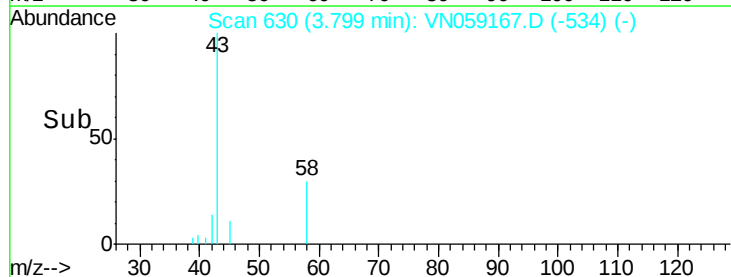
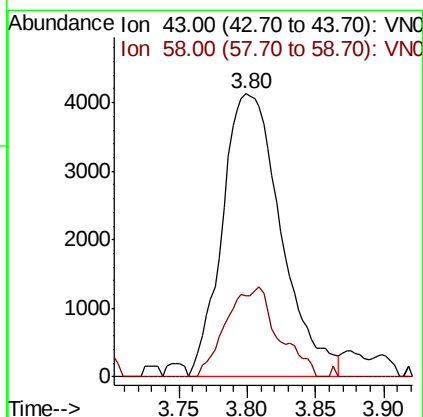
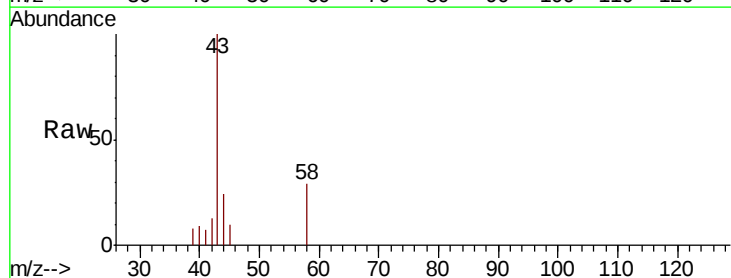
Instrument :
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ClientSampleId :
TP-1A-COMP

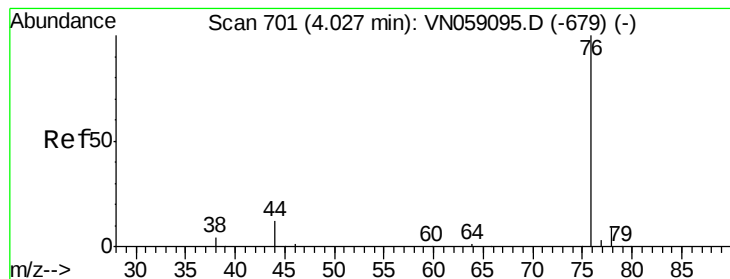
Tot Ion	Ratio	Lower	Upper
41	100		
39	1.2	49.1	73.7#
76	0.0	24.9	37.3#



#16
Acetone
Concen: 4.404 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.9	37.3





#17

Carbon Disulfide

Concen: 0.212 ug/l

RT: 4.02 min Scan# 699

Delta R.T. -0.01 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

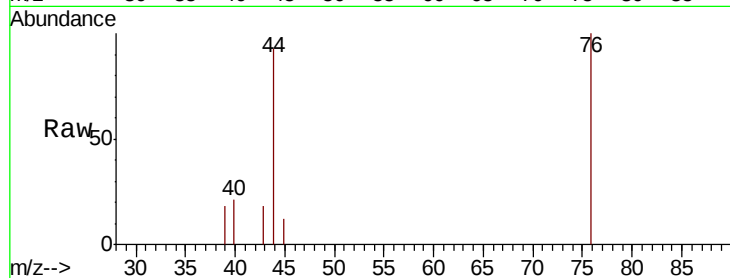
TP-1A-COMP

Tot Ion: 76 Resp: 2701

Ion Ratio Lower Upper

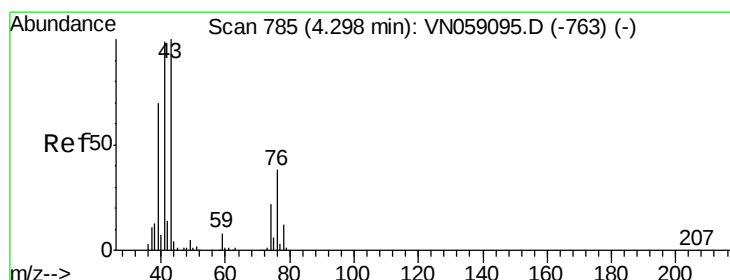
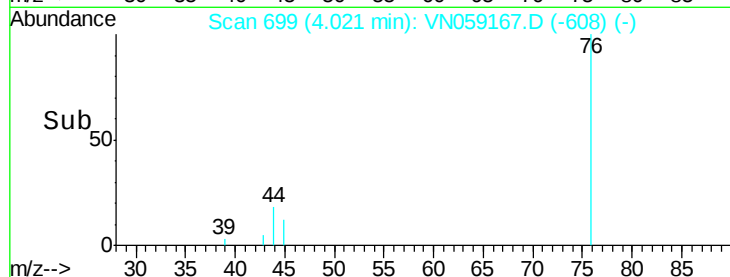
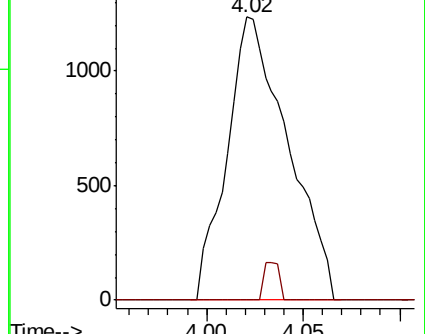
76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.717 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN059167.D

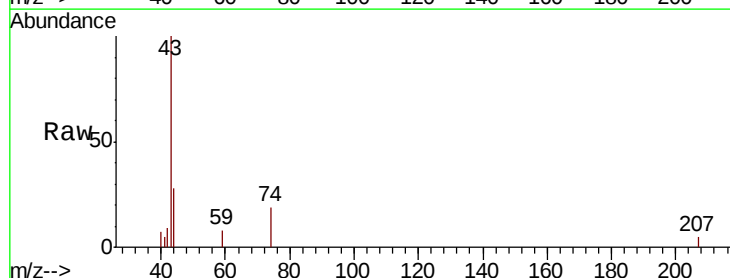
Acq: 11 Nov 2019 17:29

Tgt Ion: 43 Resp: 11442

Ion Ratio Lower Upper

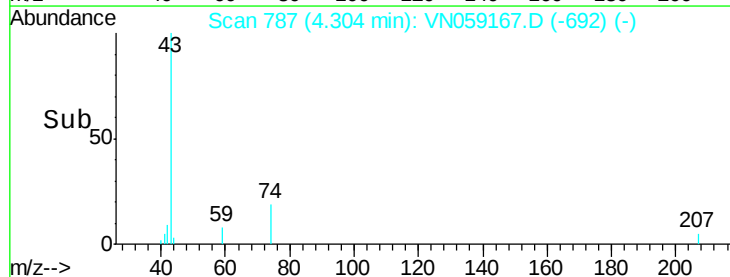
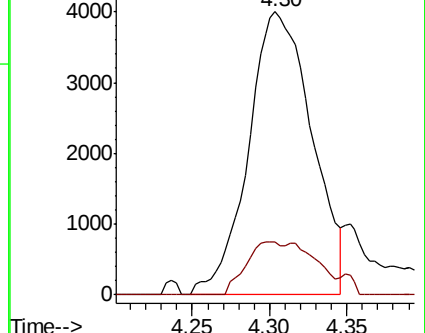
43 100

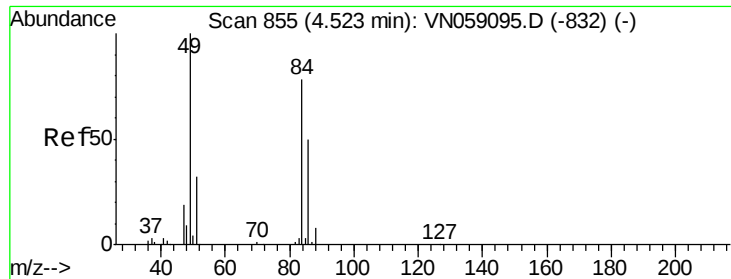
74 11.2 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

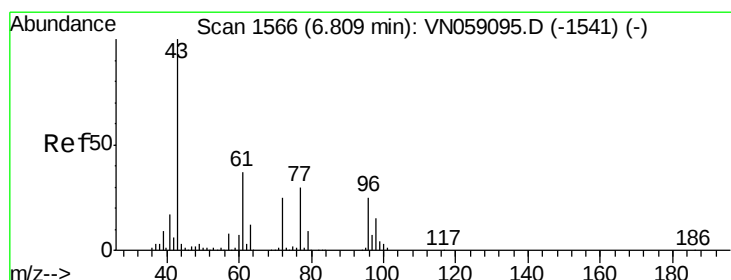
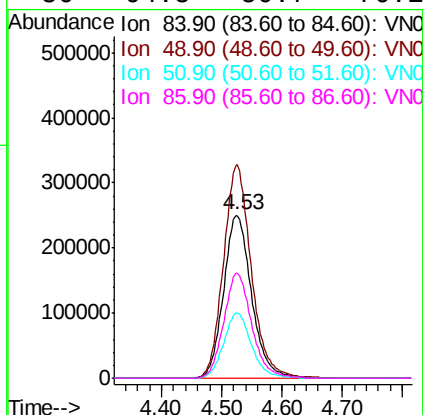
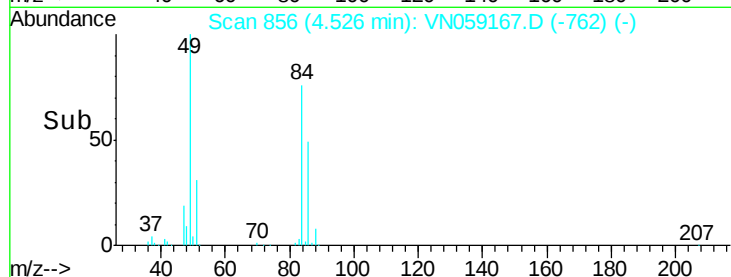
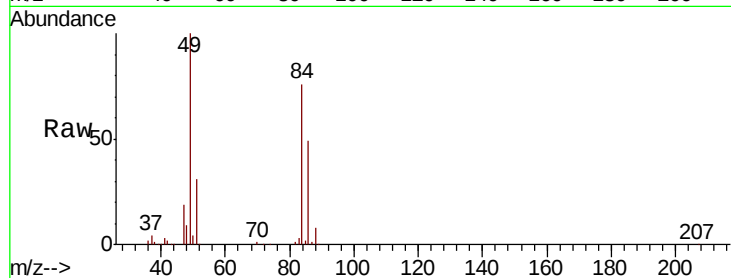




#20
Methvlene Chloride
Concen: 165.620 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

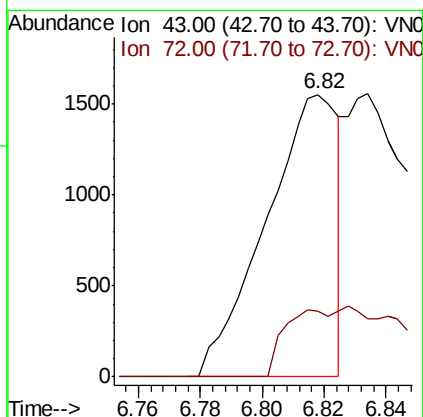
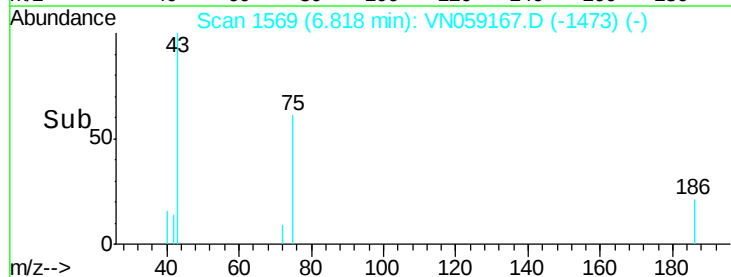
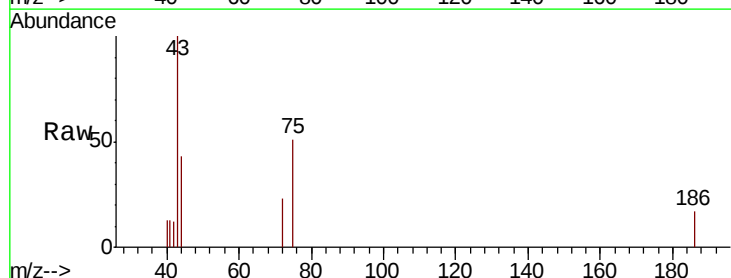
Instrument :
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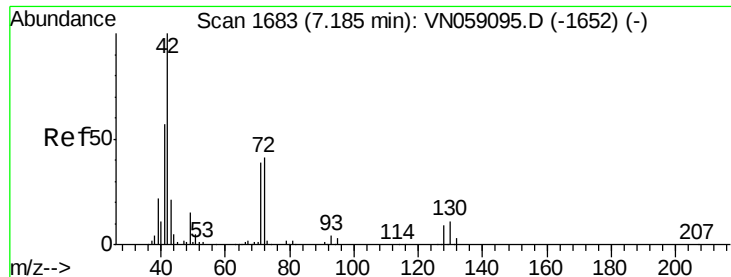
Tot Ion: 84 Resp: 810308
Ion Ratio Lower Upper
84 100
49 131.1 102.0 153.0
51 40.4 32.2 48.2
86 64.5 50.7 76.1



#25
2-Butanone
Concen: 0.677 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

Tgt Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
72 23.1 20.3 30.5





#29

Tetrahydrofuran

Concen: 0.403 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.02 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-COMP

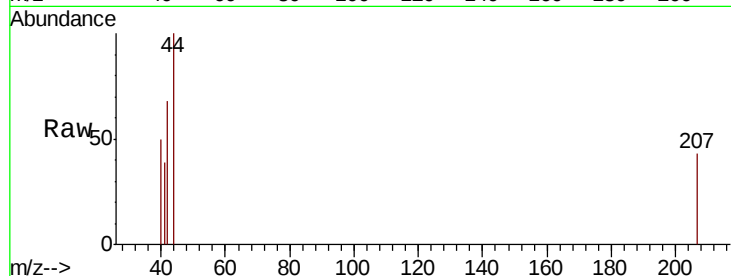
Tot Ion: 42 Resp: 948

Ion Ratio Lower Upper

42 100

72 0.0 33.1 49.7#

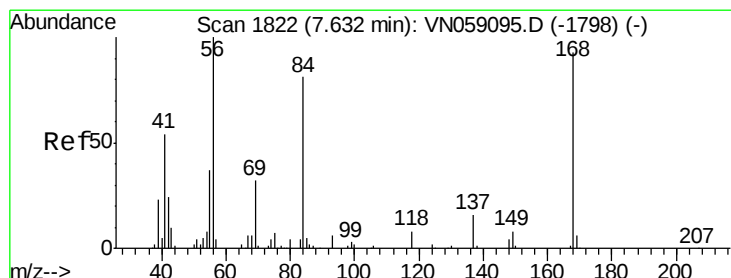
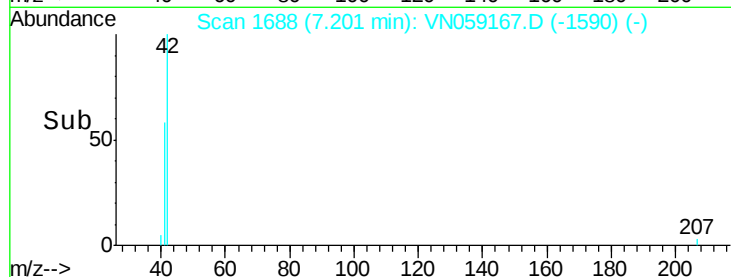
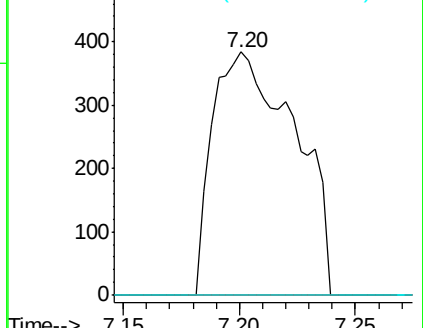
71 0.0 30.9 46.3#



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



#31

Cyclohexane

Concen: 1.125 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.02 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

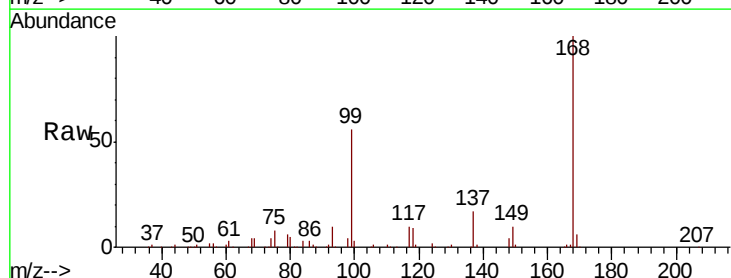
Tgt Ion: 56 Resp: 9458

Ion Ratio Lower Upper

56 100

69 176.7 25.8 38.8#

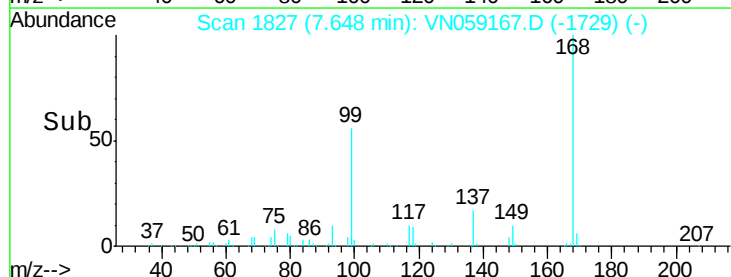
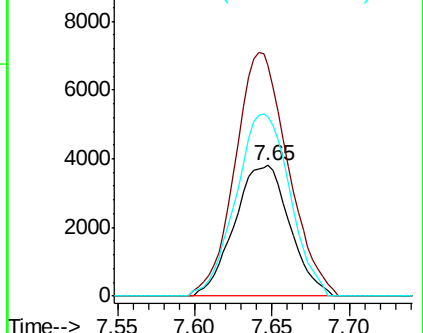
84 137.2 65.0 97.4#

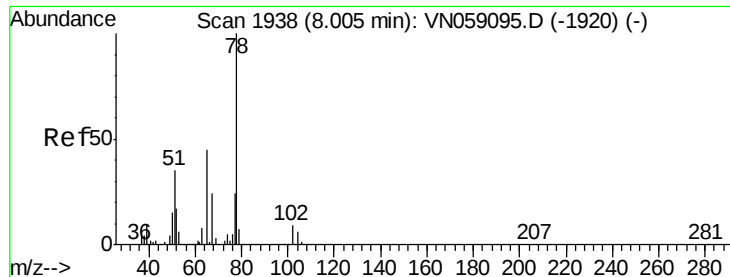


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

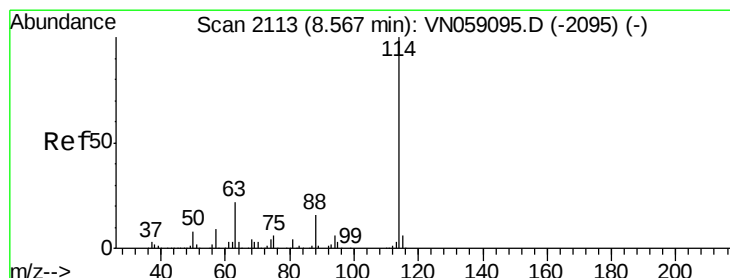
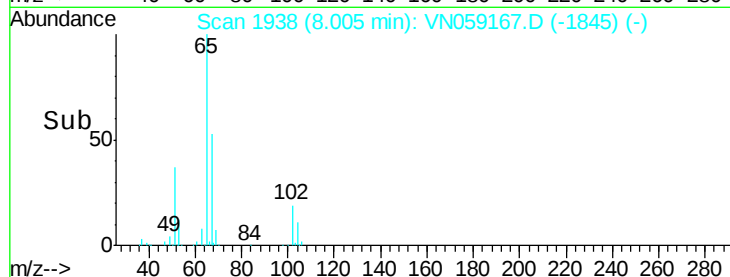
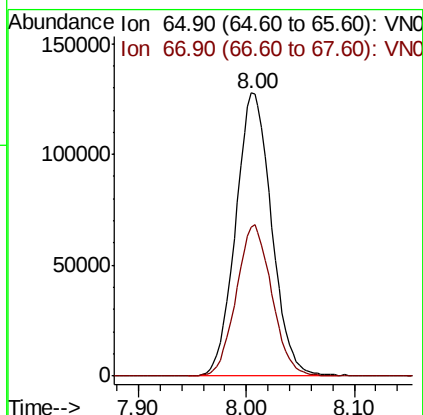
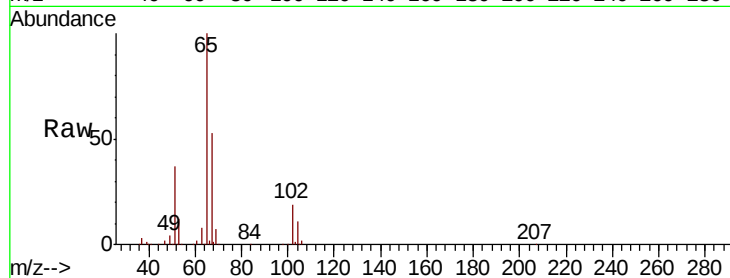




#33
 1,2-Dichloroethane-d4
 Concen: 54.793 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059167.D
 Acq: 11 Nov 2019 17:29

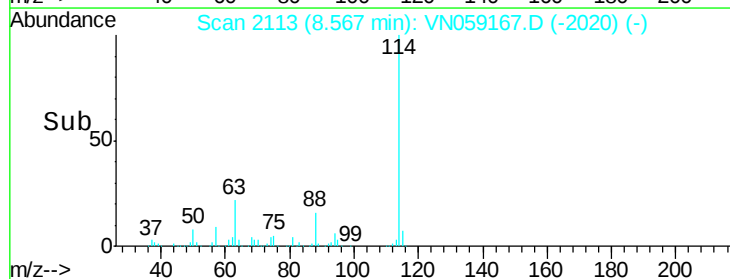
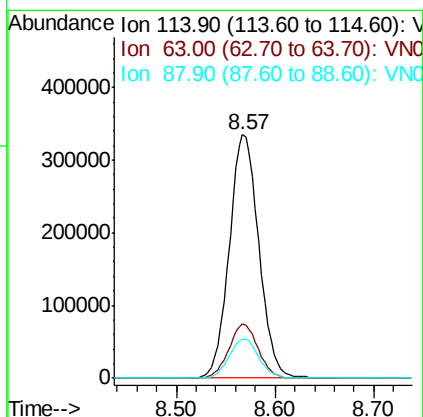
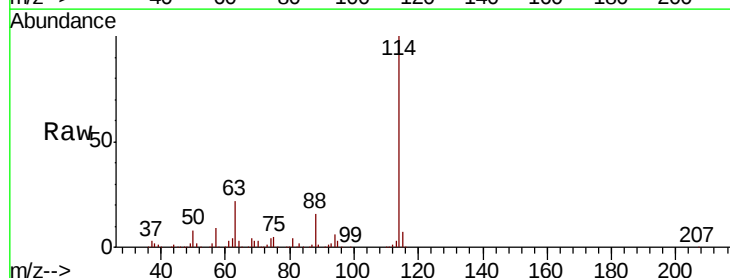
Instrument :
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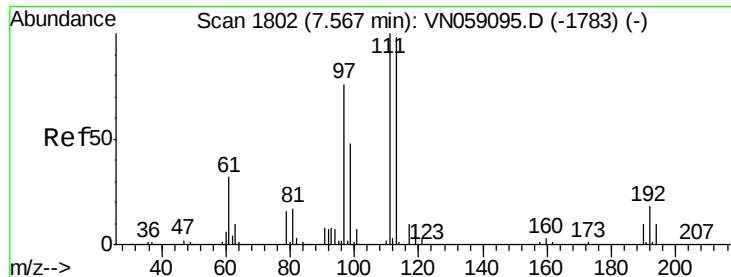
Tot Ion: 65 Resp: 295906
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059167.D
 Acq: 11 Nov 2019 17:29

Tgt Ion: 114 Resp: 699060
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.4
 88 16.0 0.0 32.2

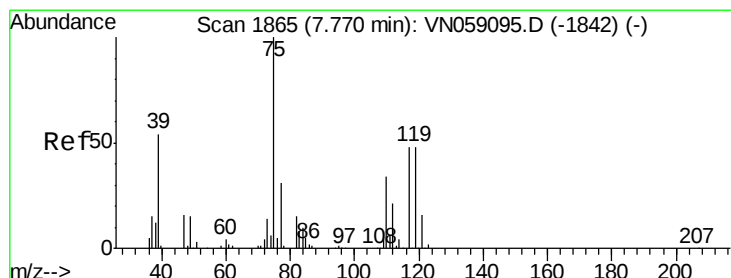
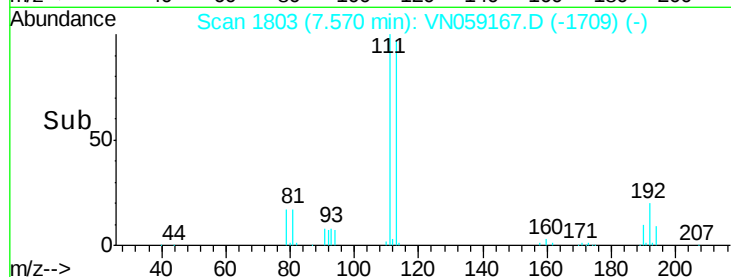
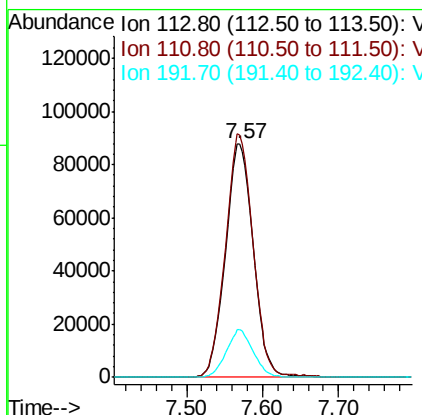
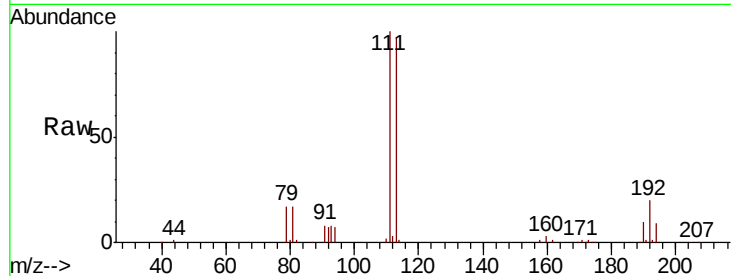




#35
 Dibromofluoromethane
 Concen: 53.784 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059167.D
 Acq: 11 Nov 2019 17:29

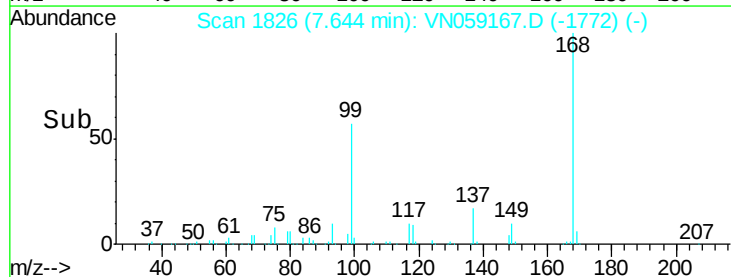
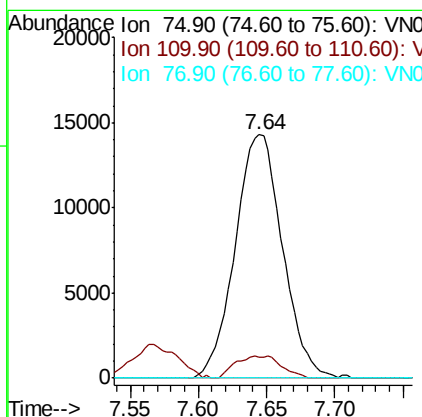
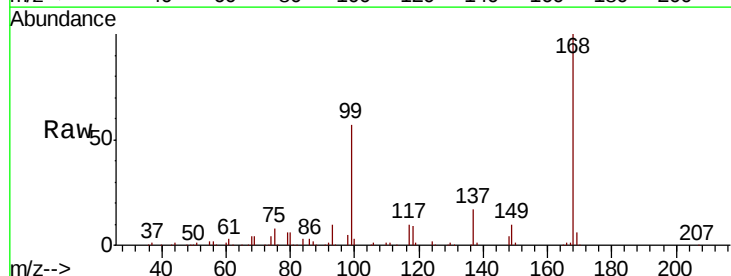
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1A-COMP

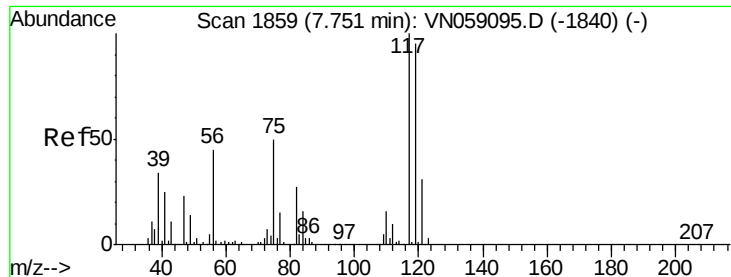
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.8	124.2
192	19.5	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.265 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059167.D
 Acq: 11 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.623 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-COMP

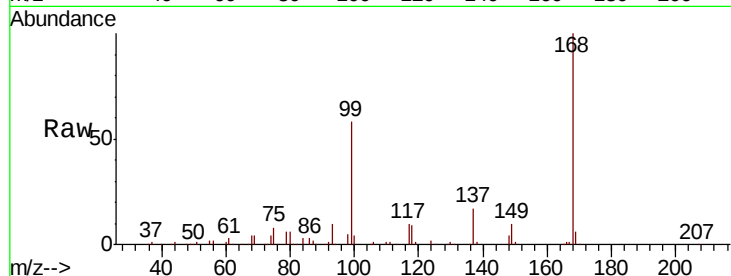
Tot Ion:117 Resp: 43070

Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

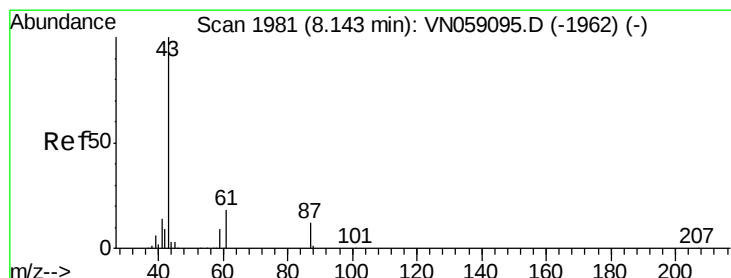
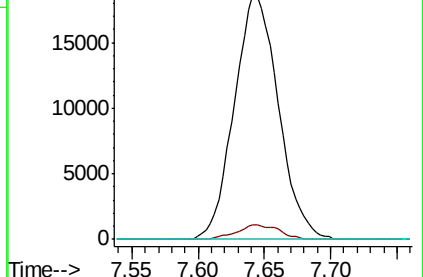
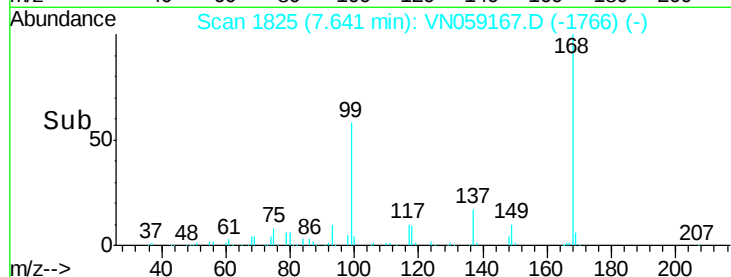
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 9.773 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

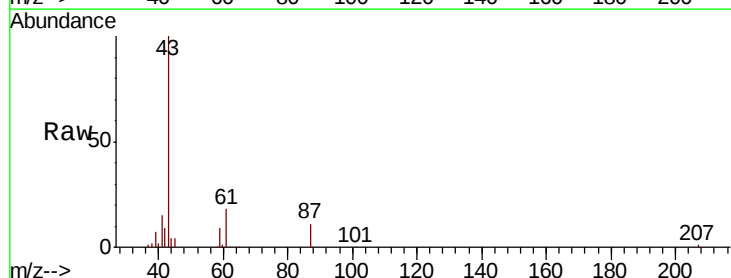
Tgt Ion: 43 Resp: 113253

Ion Ratio Lower Upper

43 100

61 19.1 21.0 31.6#

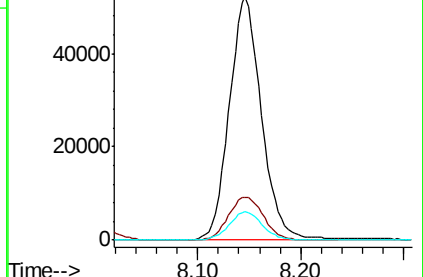
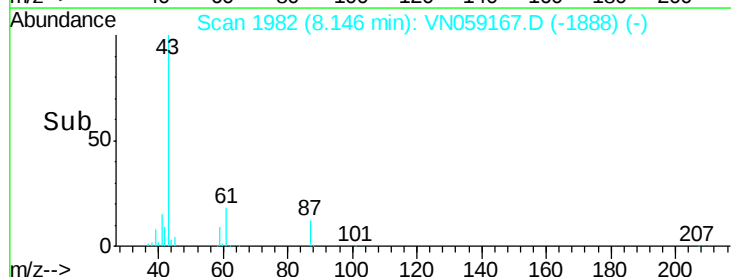
87 11.9 9.8 14.6

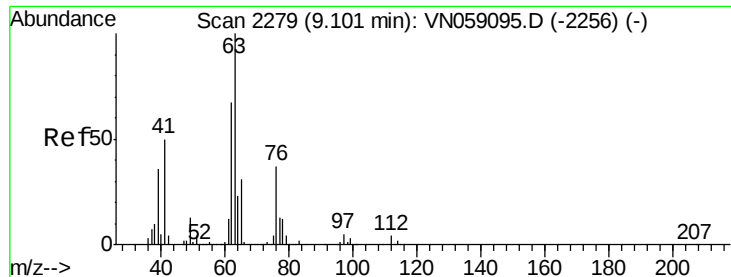


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.492 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

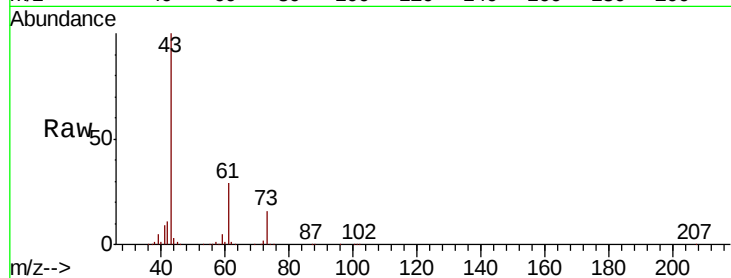
TP-1A-COMP

Tot Ion: 63 Resp: 2632

Ion Ratio Lower Upper

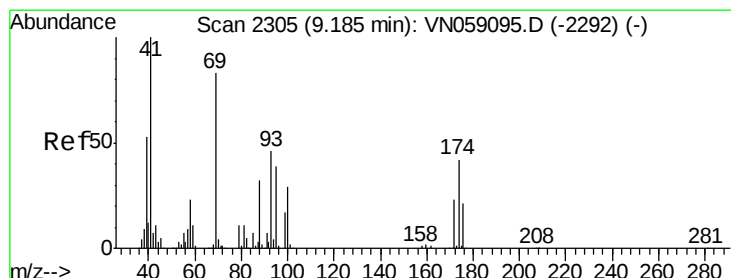
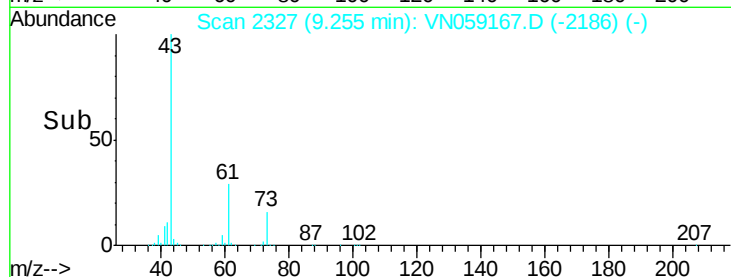
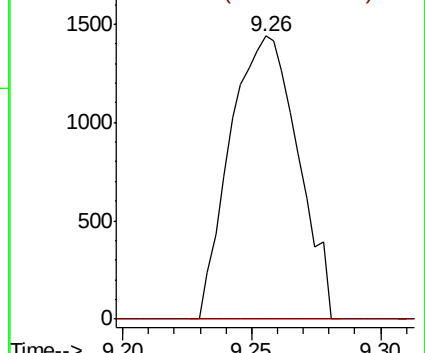
63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 1.455 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

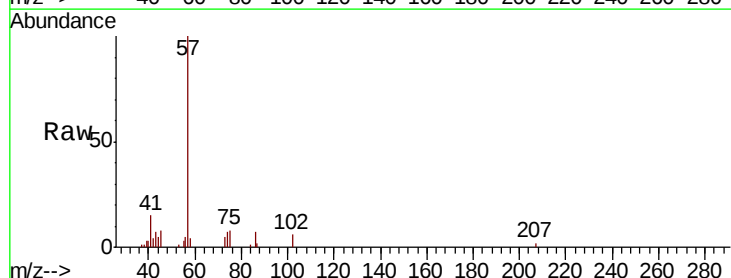
Tgt Ion: 41 Resp: 7544

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

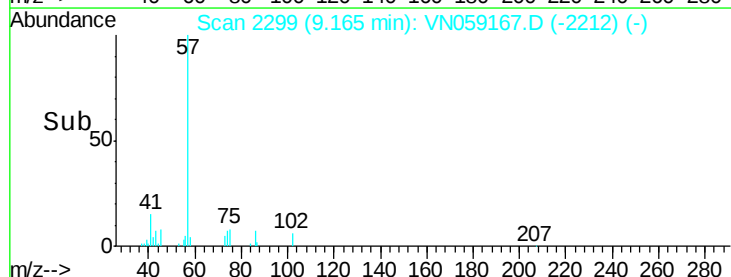
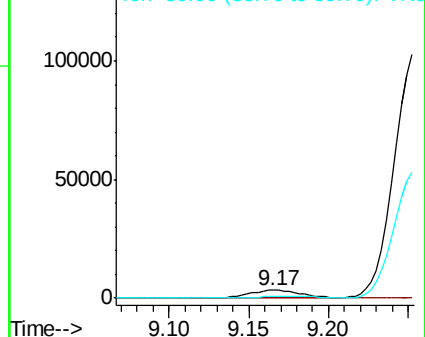
39 0.0 43.3 64.9#

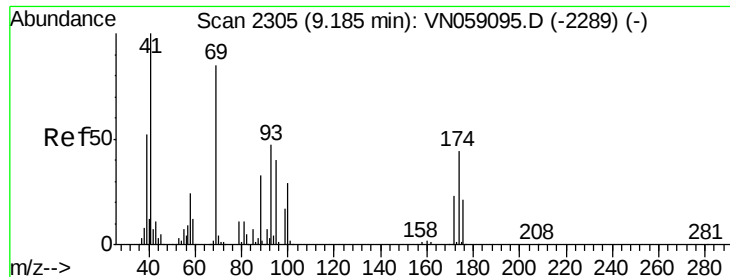


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 3.322 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.07 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampled :

TP-1A-COMP

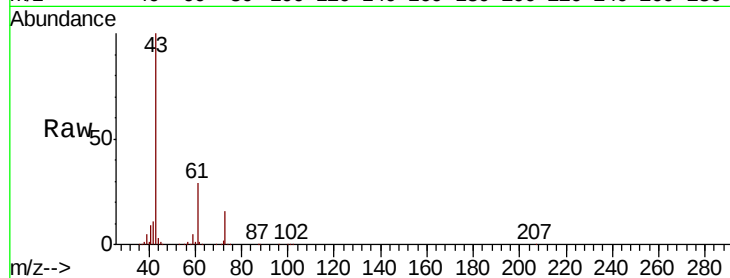
Tot Ion: 88 Resp: 306

Ion Ratio Lower Upper

88 100

43 687744.1 26.3 39.5#

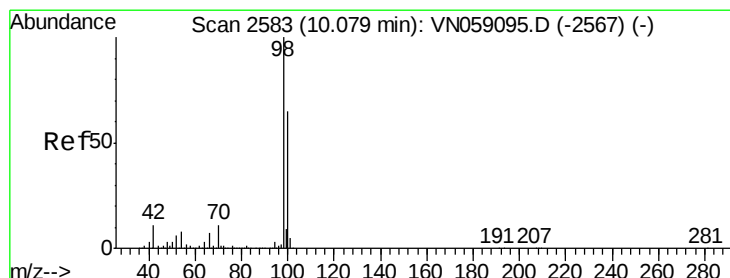
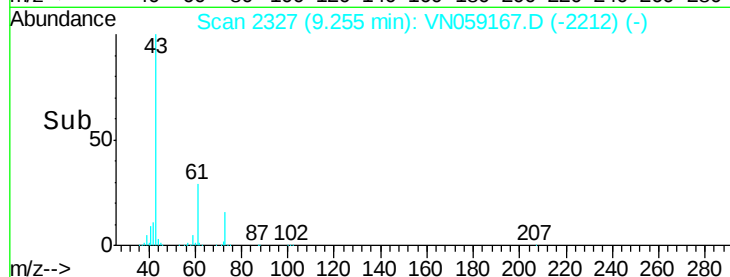
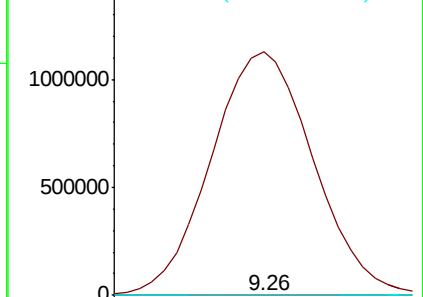
58 2985.3 60.6 90.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 53.958 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059167.D

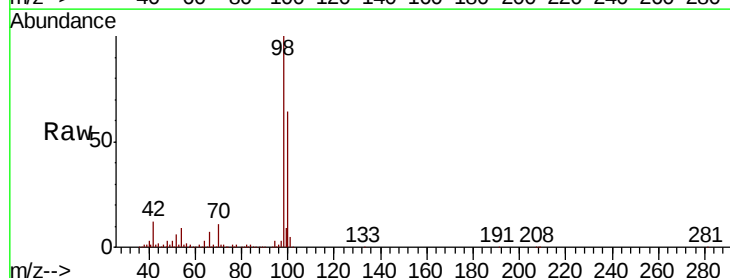
Acq: 11 Nov 2019 17:29

Tgt Ion: 98 Resp: 887133

Ion Ratio Lower Upper

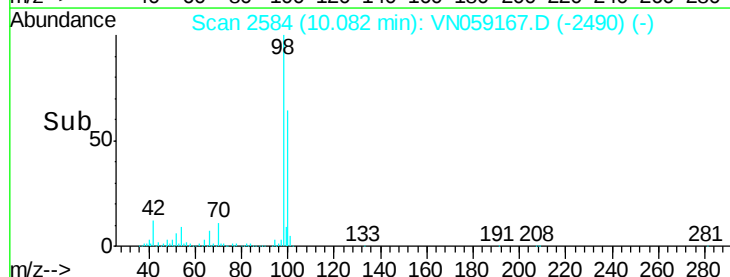
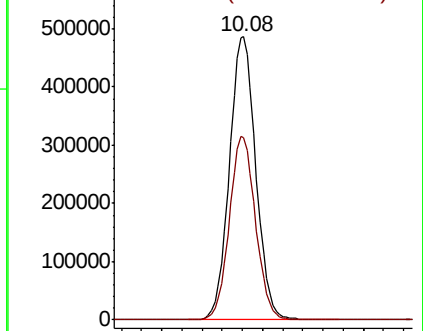
98 100

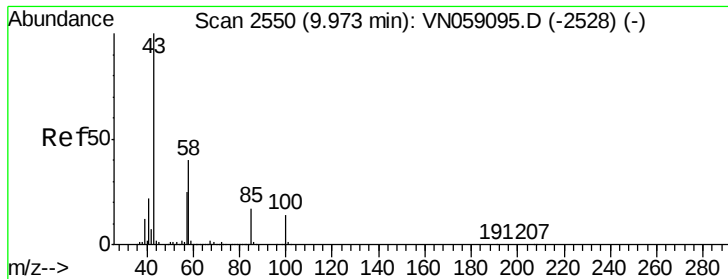
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.087 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampled :

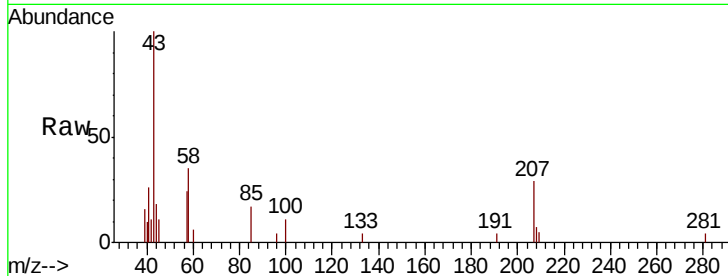
TP-1A-COMP

Tot Ion: 43 Resp: 7128

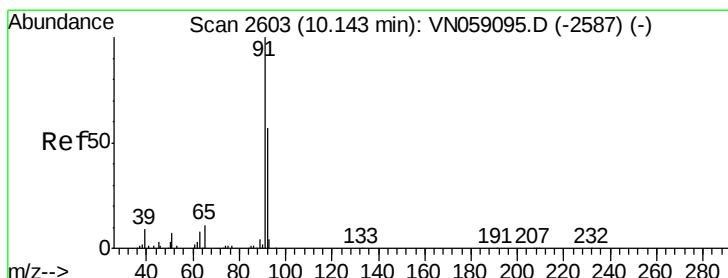
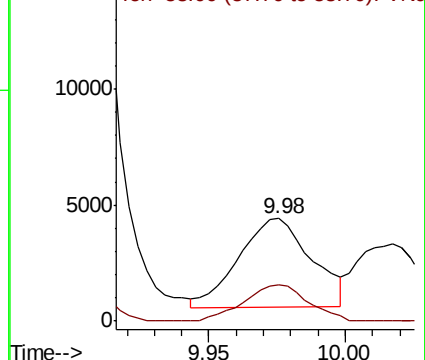
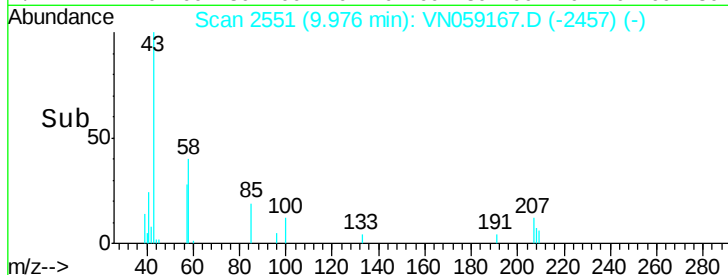
Ion Ratio Lower Upper

43 100

58 35.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059167.D (-2457) (-)



#52

Toluene

Concen: 0.224 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059167.D

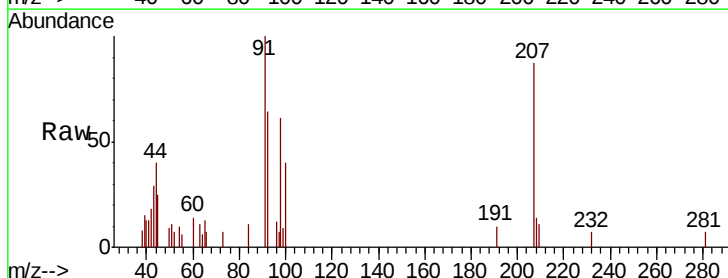
Acq: 11 Nov 2019 17:29

Tgt Ion: 92 Resp: 2647

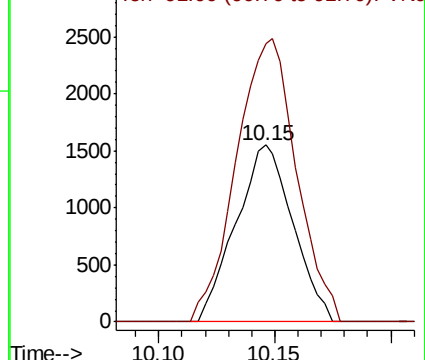
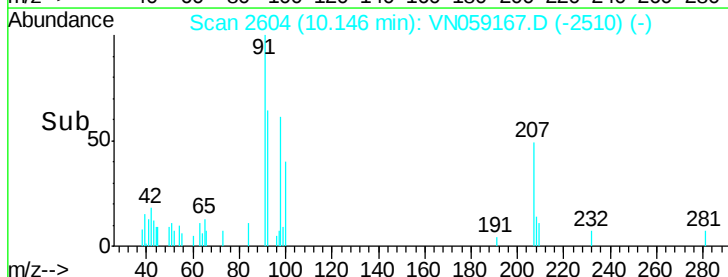
Ion Ratio Lower Upper

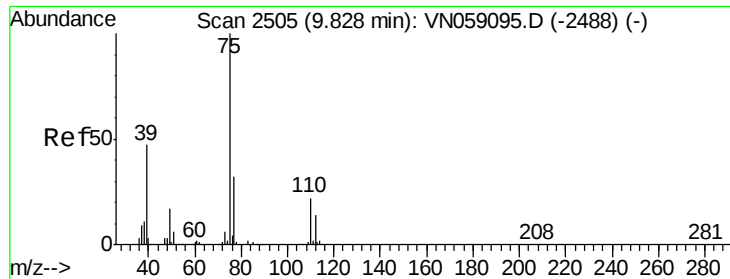
92 100

91 168.6 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059167.D (-2510) (-)





#54

cis-1,3-Dichloropropene

Concen: 5.574 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.07 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-COMP

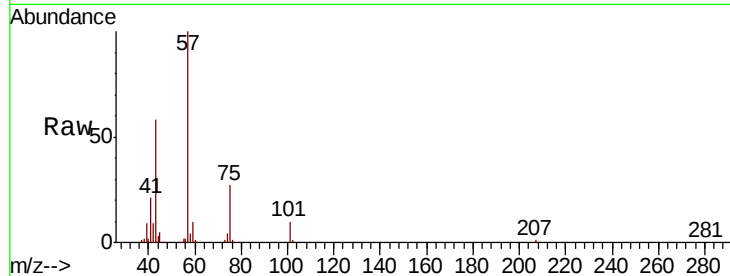
Tot Ion: 75 Resp: 46068

Ion Ratio Lower Upper

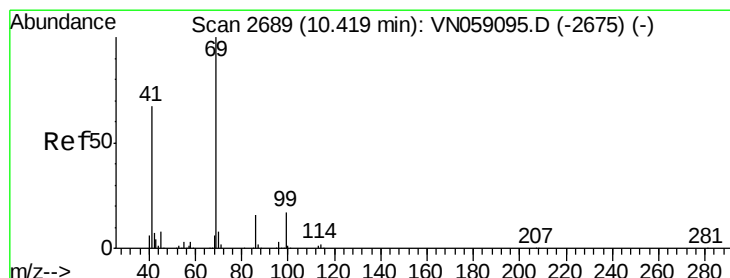
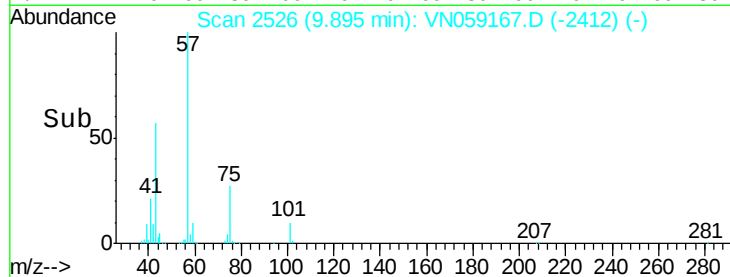
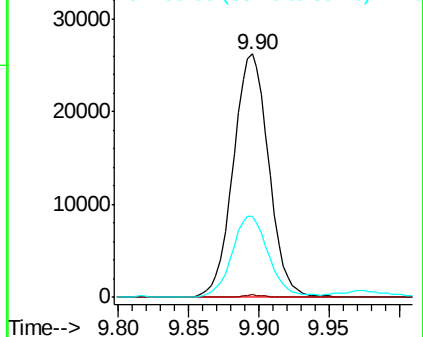
75 100

77 1.0 25.5 38.3#

39 33.4 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 2.079 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

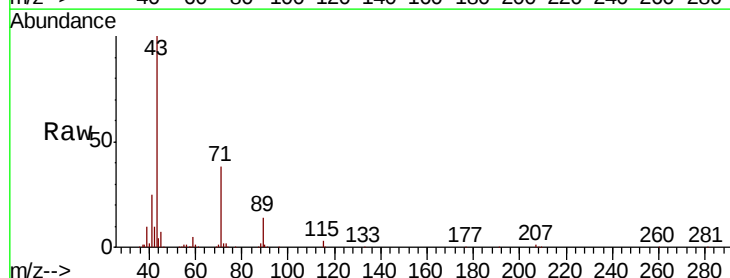
Tgt Ion: 69 Resp: 1701

Ion Ratio Lower Upper

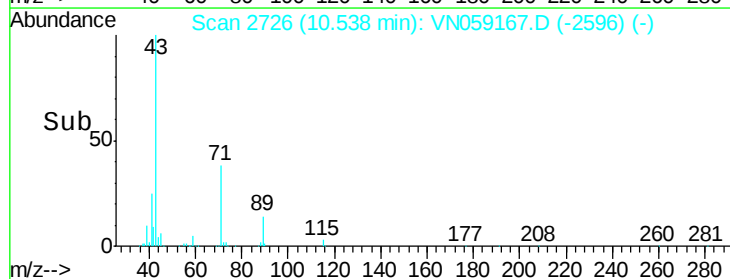
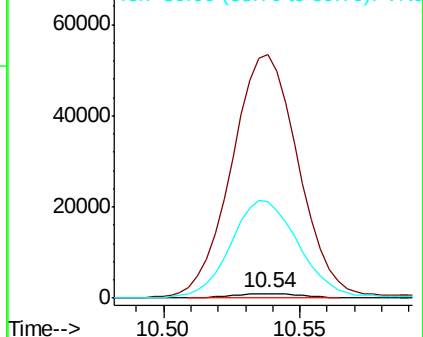
69 100

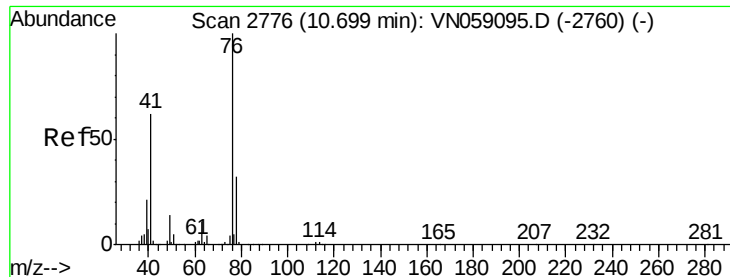
41 5432.9 53.6 80.4#

39 2198.3 26.2 39.4#



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





#57

1,3-Dichloropropane

Concen: 1.049 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

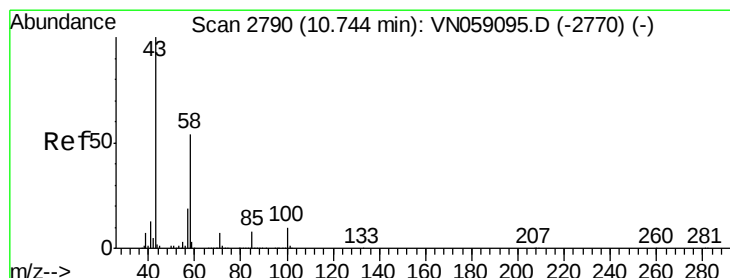
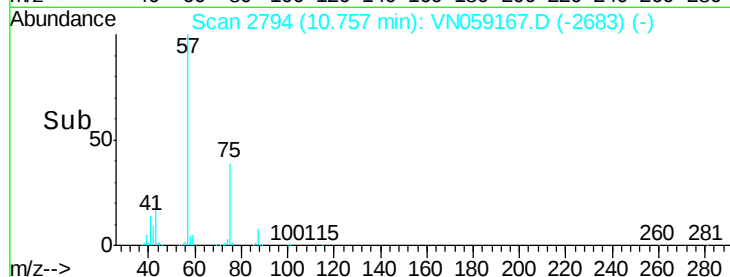
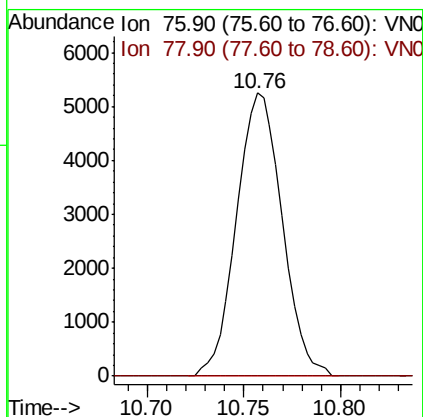
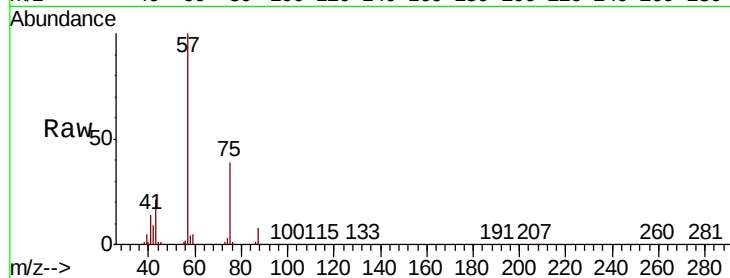
TP-1A-COMP

Tot Ion: 76 Resp: 8617

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 25.969 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.02 min

Lab File: VN059167.D

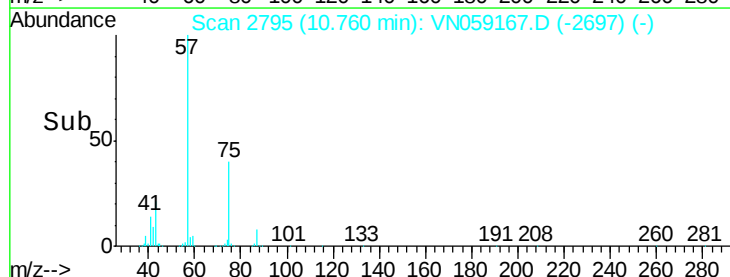
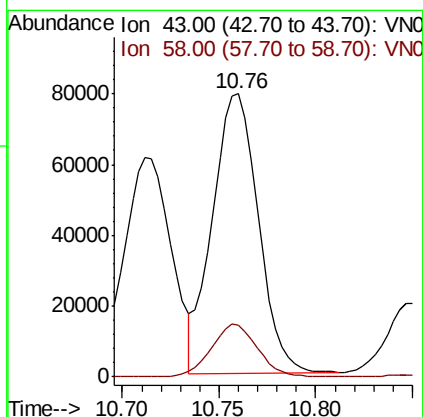
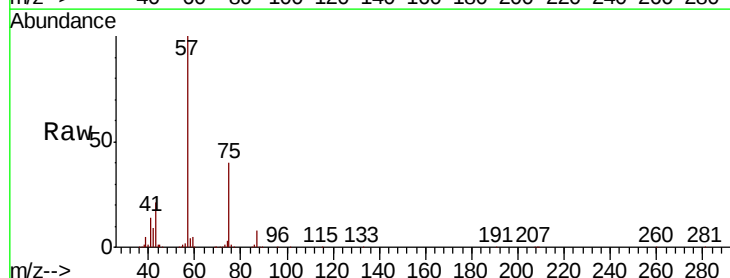
Acq: 11 Nov 2019 17:29

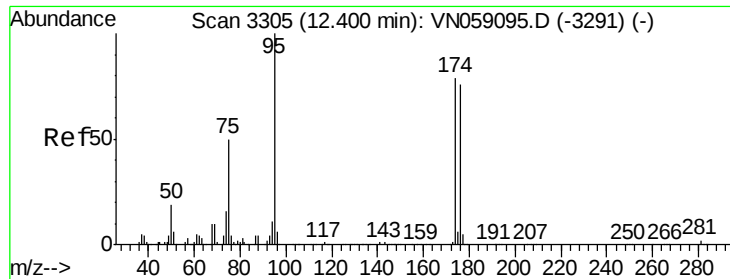
Tgt Ion: 43 Resp: 130700

Ion Ratio Lower Upper

43 100

58 19.2 27.3 81.8#

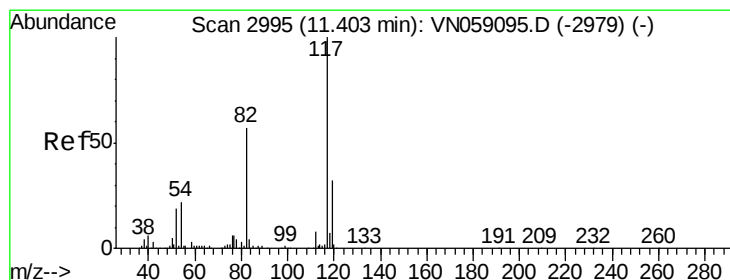
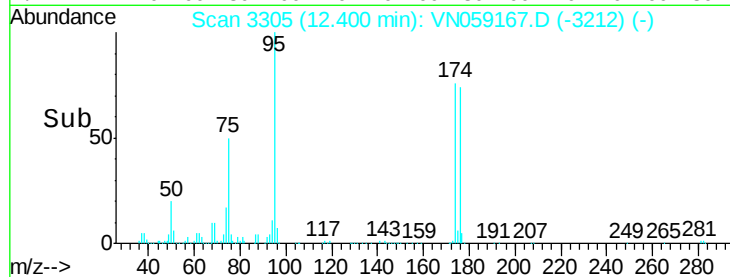
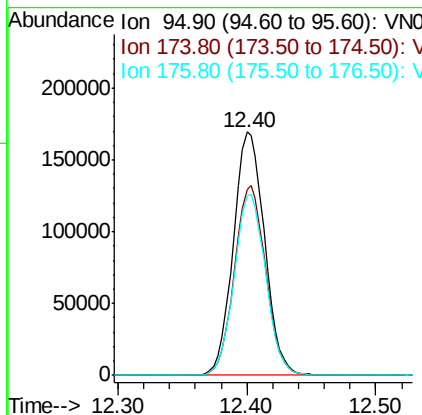
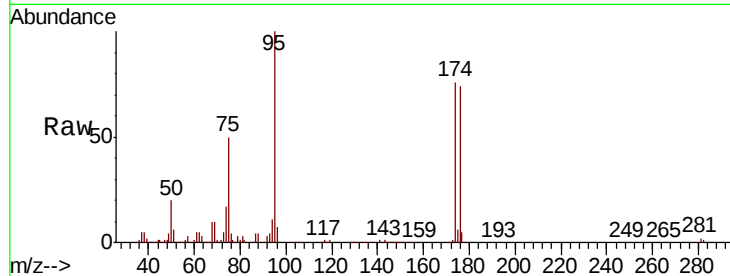




#62
4-Bromofluorobenzene
Concen: 48.107 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

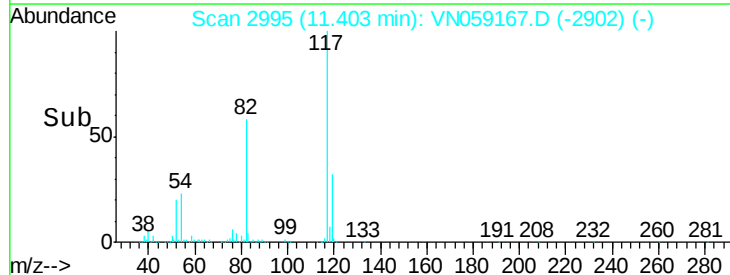
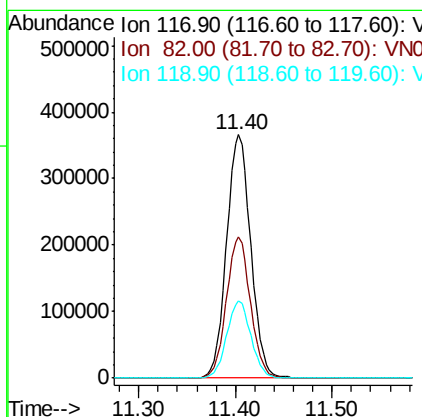
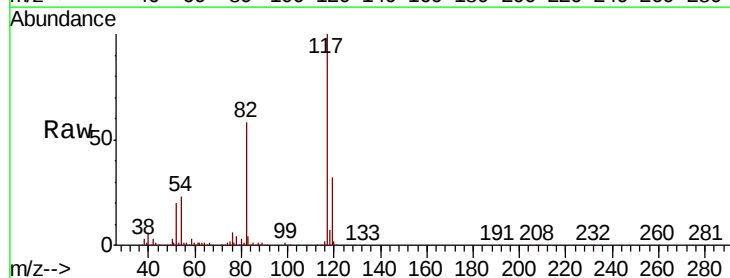
Instrument :
MSVOA_N
ClientSampleId :
TP-1A-COMP

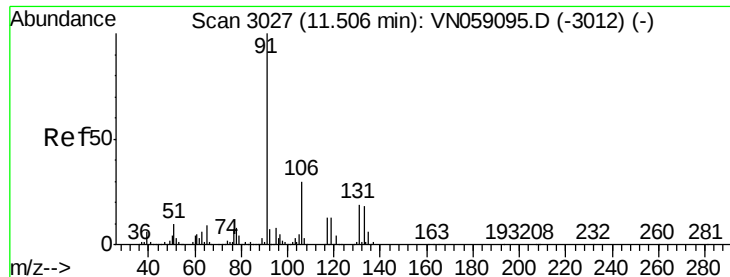
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	158.2
176	75.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.8	68.8
119	31.9	25.8	38.6

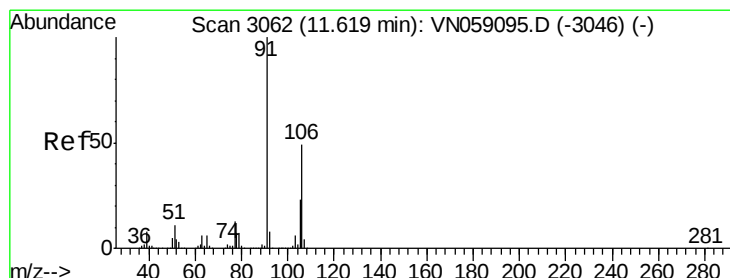
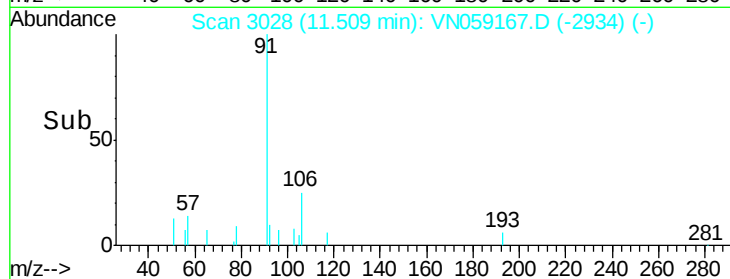
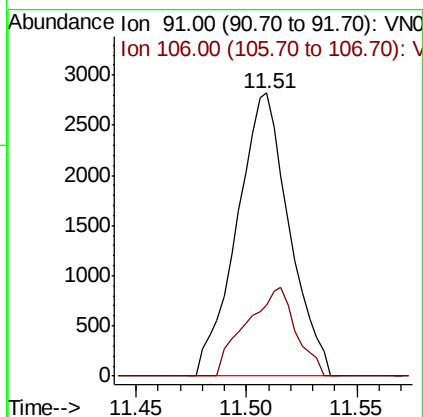
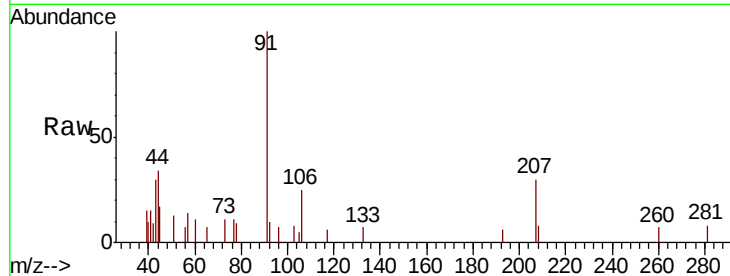




#67
Ethyl Benzene
Concen: 0.212 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

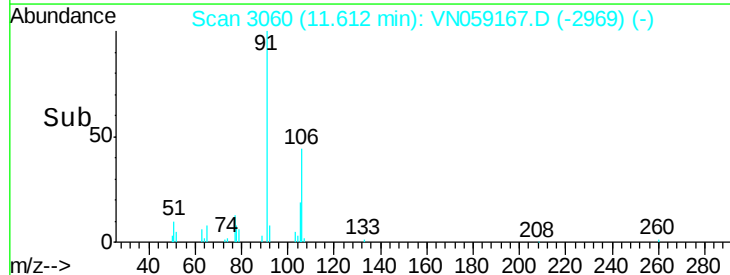
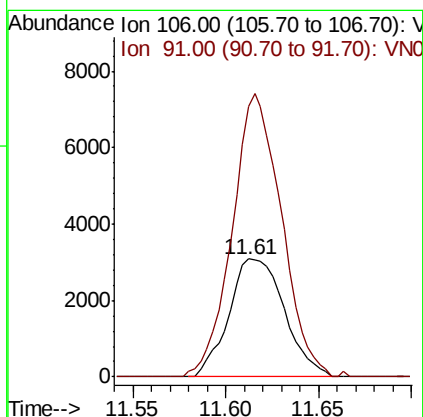
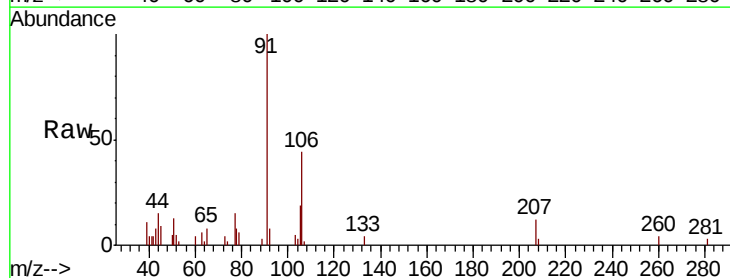
Instrument :
MSVOA_N
ClientSampled :
TP-1A-COMP

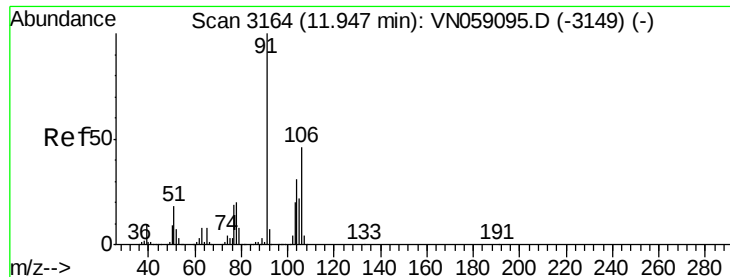
Tot Ion: 91 Resp: 4663
Ion Ratio Lower Upper
91 100
106 25.2 24.1 36.1



#68
m/p-Xylenes
Concen: 0.781 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

Tgt Ion: 106 Resp: 6424
Ion Ratio Lower Upper
106 100
91 213.5 164.7 247.1

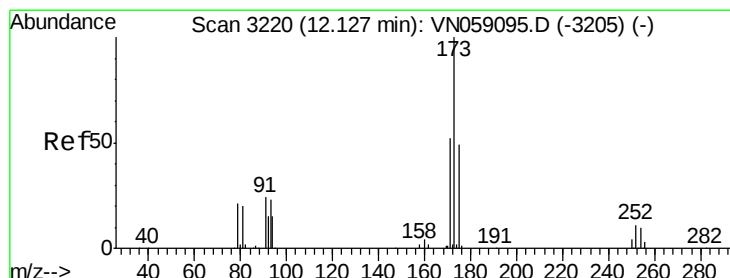
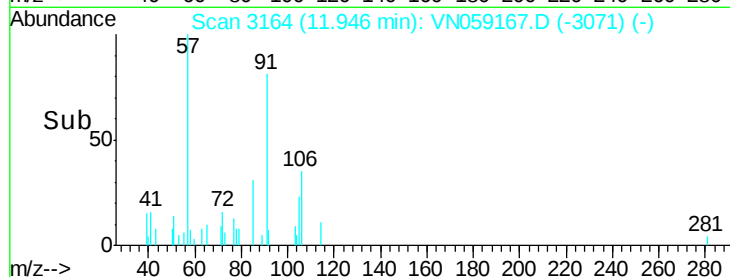
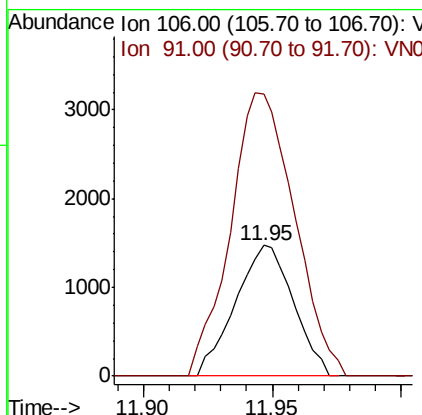
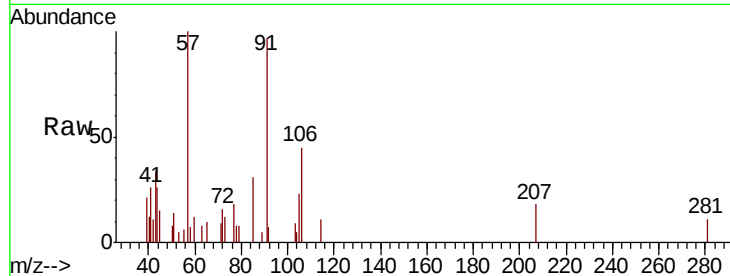




#69
o-Xylene
Concen: 0.292 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

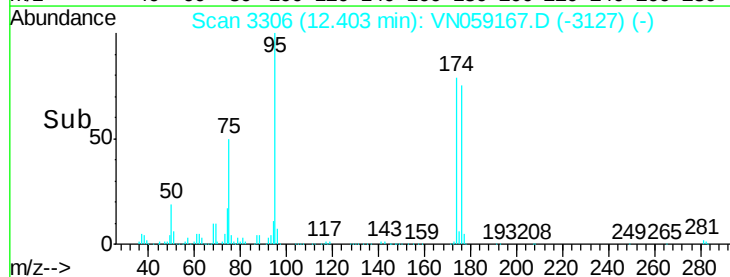
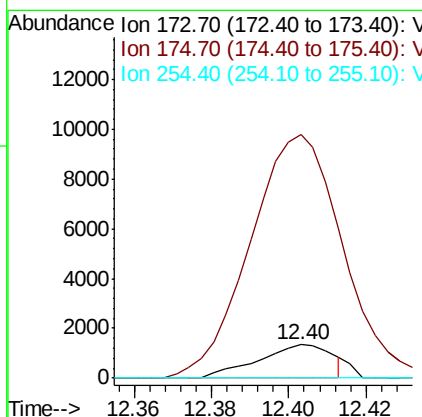
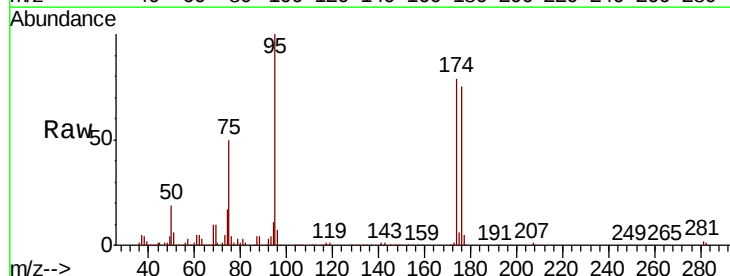
Instrument :
MSVOA_N
ClientSampleId :
TP-1A-COMP

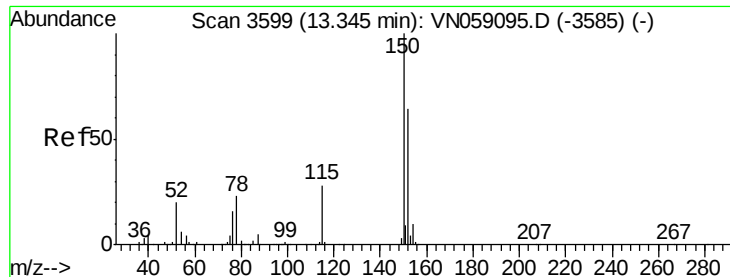
Tot Ion:106 Resp: 2317
Ion Ratio Lower Upper
106 100
91 238.6 110.1 330.3



#71
Bromoform
Concen: 0.494 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

Tgt Ion:173 Resp: 1782
Ion Ratio Lower Upper
173 100
175 795.0 24.2 72.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-COMP

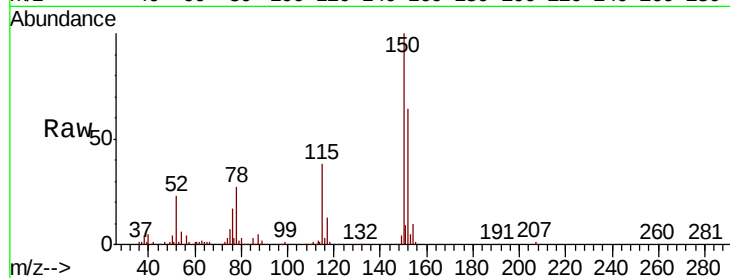
Tot Ion:152 Resp: 237420

Ion Ratio Lower Upper

152 100

115 60.0 29.4 88.2

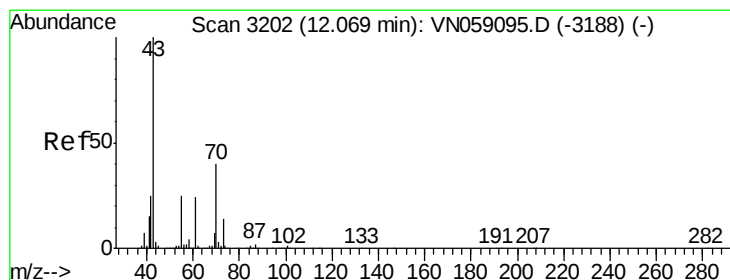
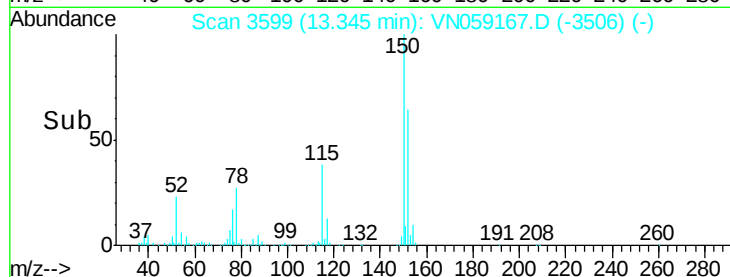
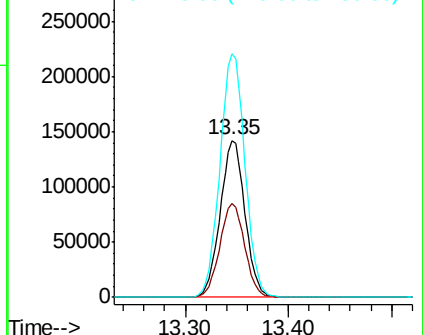
150 157.0 0.0 345.8



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: 0.796 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Tgt Ion: 43 Resp: 5823

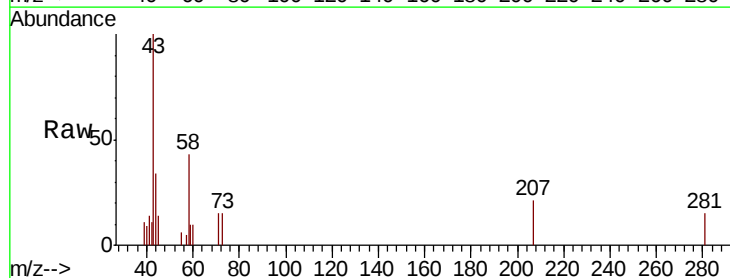
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 2.3 20.4 30.6#

61 0.0 19.3 28.9#

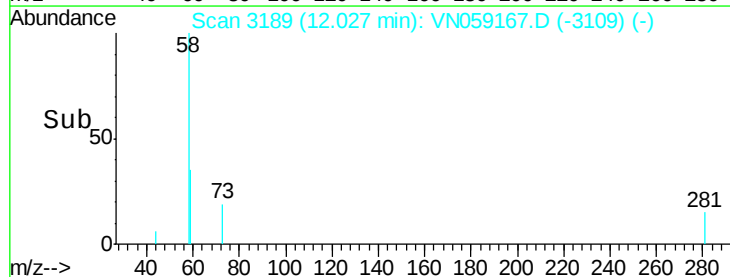
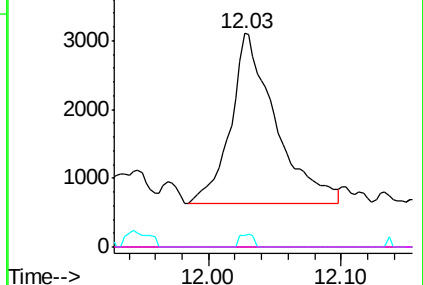


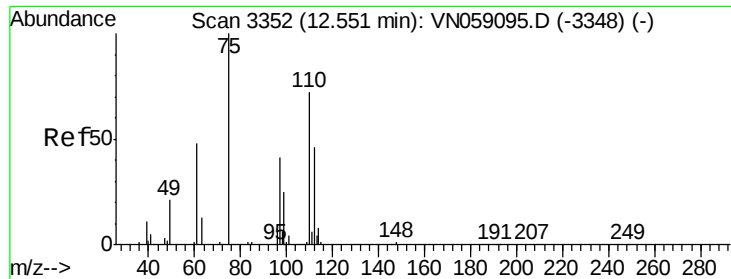
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 26.486 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

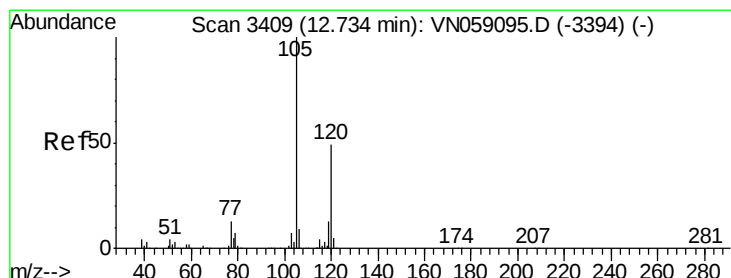
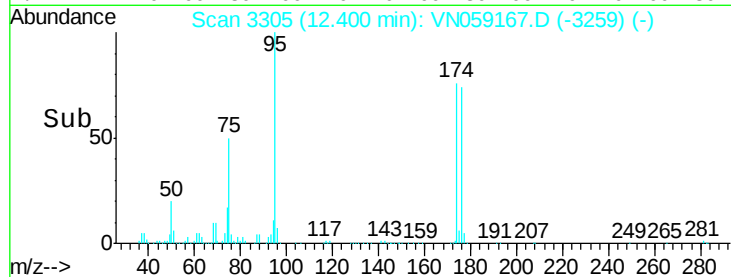
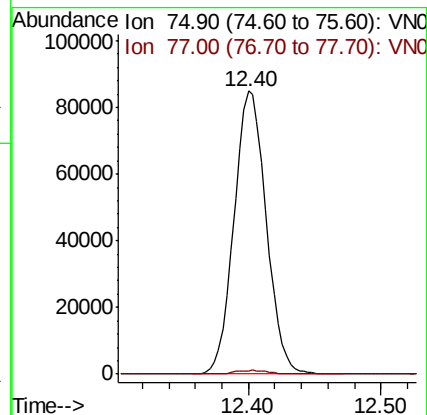
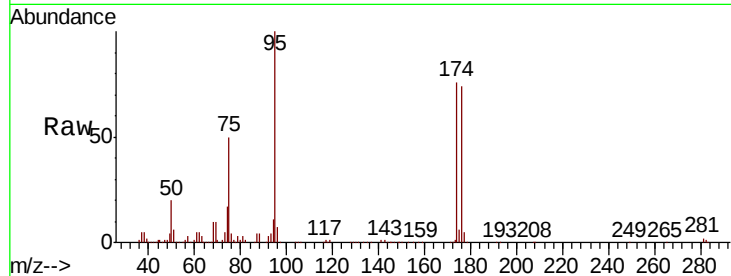
TP-1A-COMP

Tot Ion: 75 Resp: 143162

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.604 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059167.D

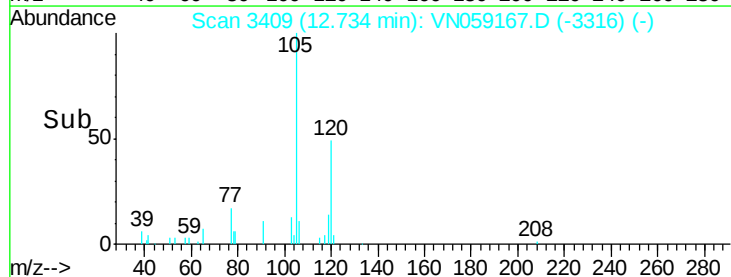
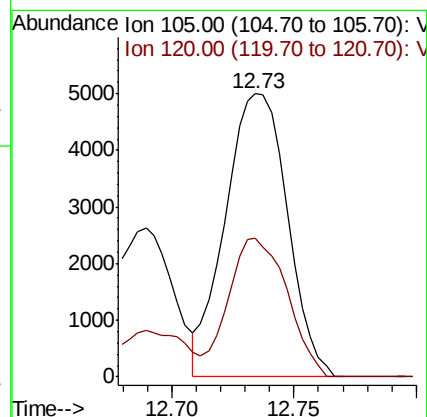
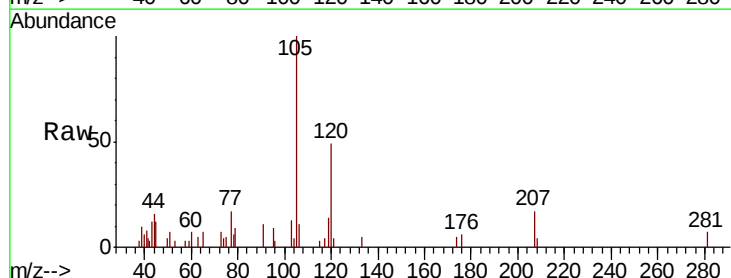
Acq: 11 Nov 2019 17:29

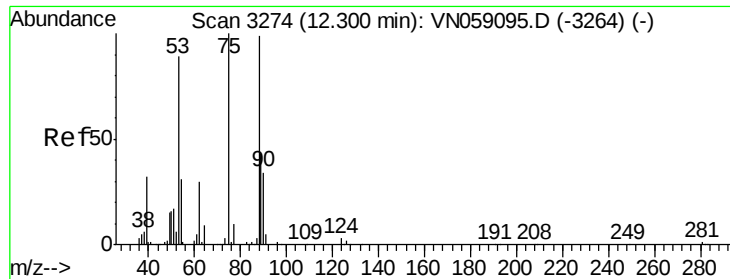
Tgt Ion: 105 Resp: 8845

Ion Ratio Lower Upper

105 100

120 46.2 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 69.956 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampled :

TP-1A-COMP

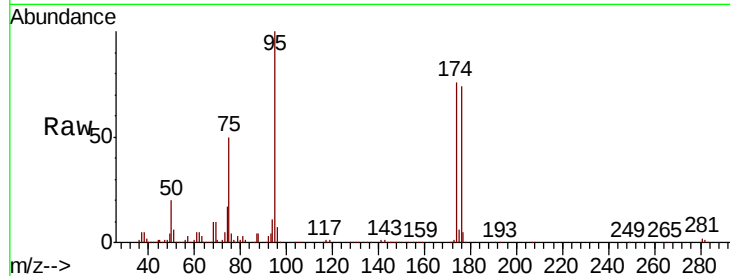
Tot Ion: 75 Resp: 143162

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

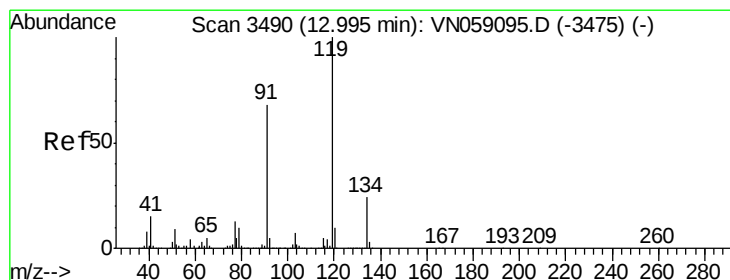
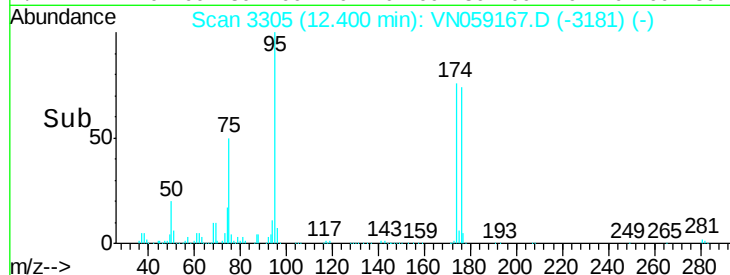
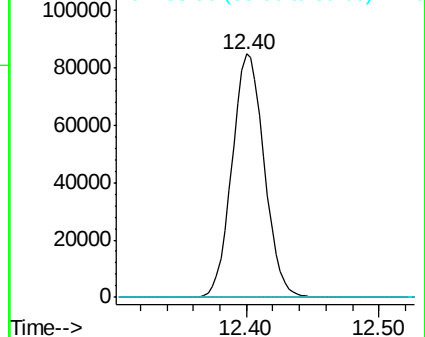
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN059167.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN059167.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN059167.D (-3305) (-)



#83

tert-Butylbenzene

Concen: 0.214 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

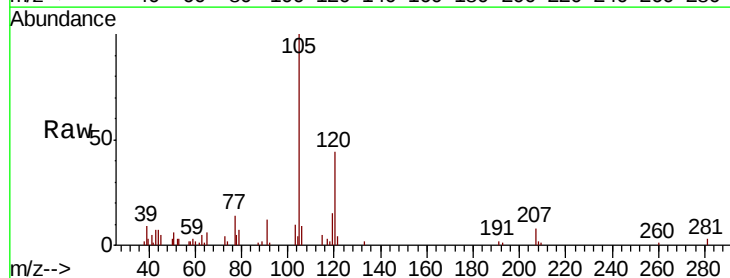
Tgt Ion: 119 Resp: 2710

Ion Ratio Lower Upper

119 100

91 77.1 33.2 99.6

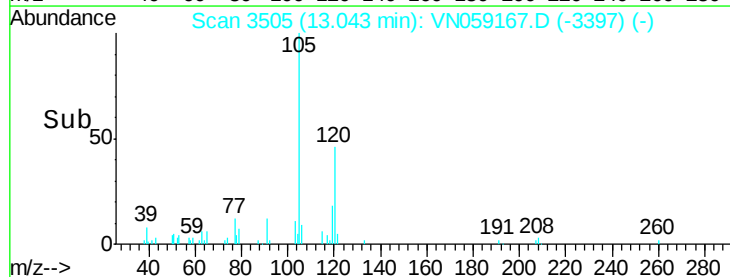
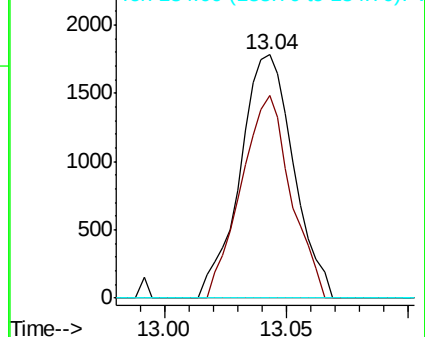
134 0.0 12.7 38.1#

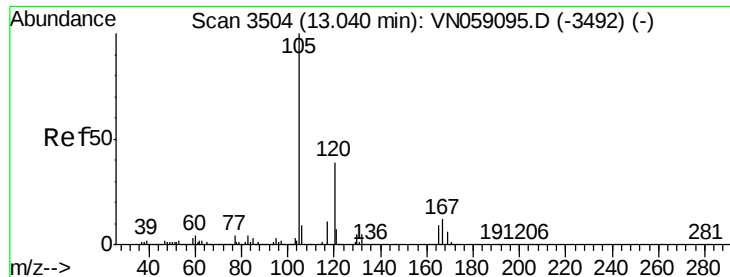


Abundance Ion 119.00 (118.70 to 119.70): VN059167.D (-3505) (-)

Ion 91.00 (90.70 to 91.70): VN059167.D (-3505) (-)

Ion 134.00 (133.70 to 134.70): VN059167.D (-3505) (-)

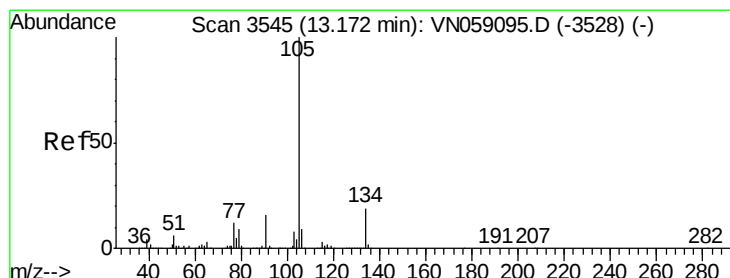
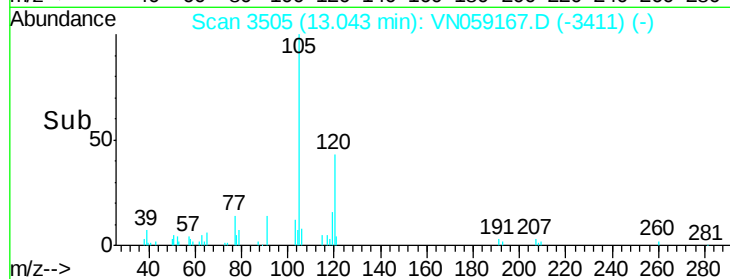
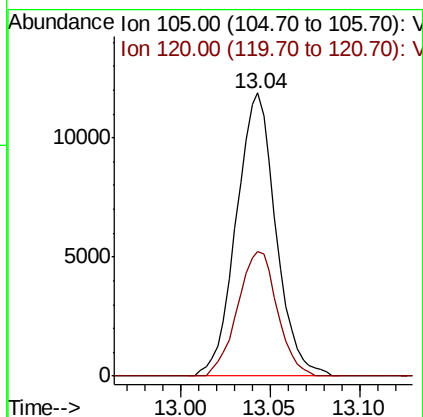
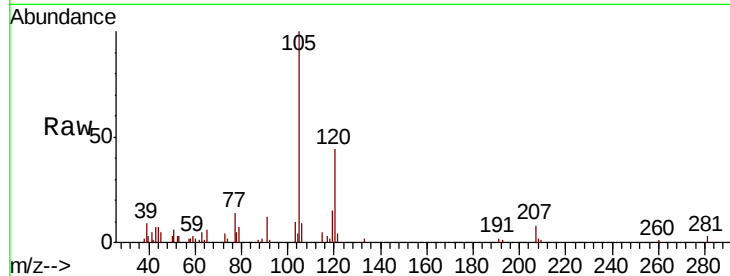




#84
 1,2,4-Trimethylbenzene
 Concen: 1.301 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059167.D
 Acq: 11 Nov 2019 17:29

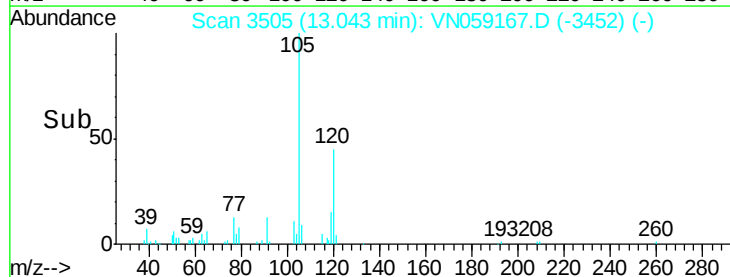
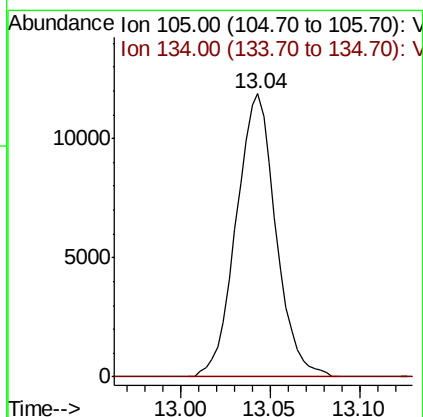
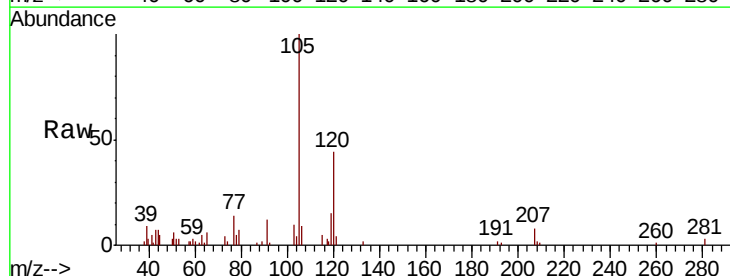
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1A-COMP

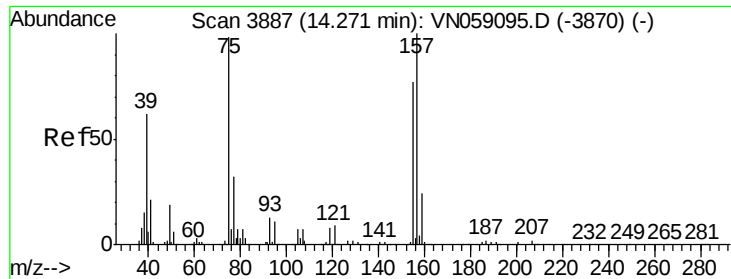
Tot Ion:105 Resp: 18420
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 1.121 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.13 min
 Lab File: VN059167.D
 Acq: 11 Nov 2019 17:29

Tgt Ion:105 Resp: 18420
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.347 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-COMP

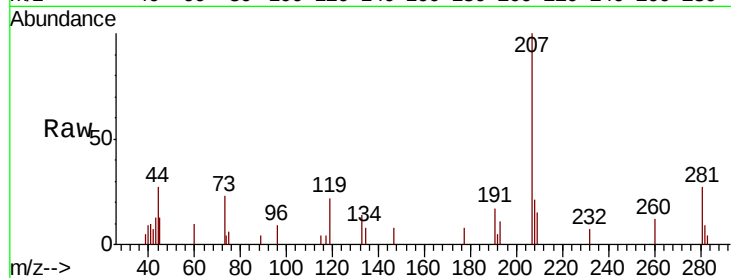
Tot Ion: 75 Resp: 377

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

157 0.0 51.8 155.5#



Abundance Ion 74.90 (74.60 to 75.60): VN059167.D (-3794) (-)

Ion 154.80 (154.50 to 155.50): VN059167.D (-3794) (-)

Ion 156.80 (156.50 to 157.50): VN059167.D (-3794) (-)

14.27

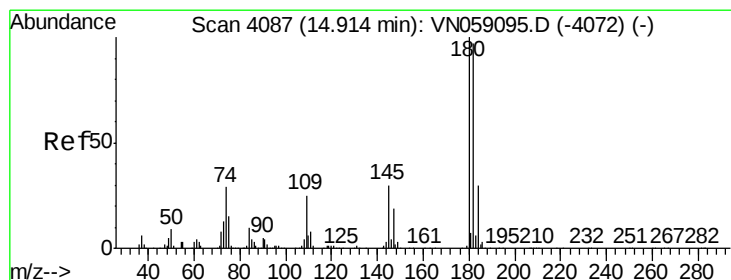
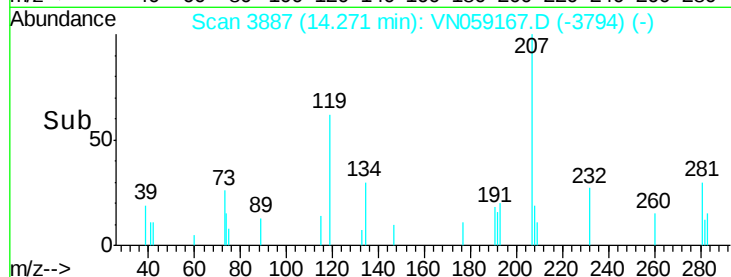
200

100

0

14.24 14.26 14.28

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.059 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN059167.D

Acq: 11 Nov 2019 17:29

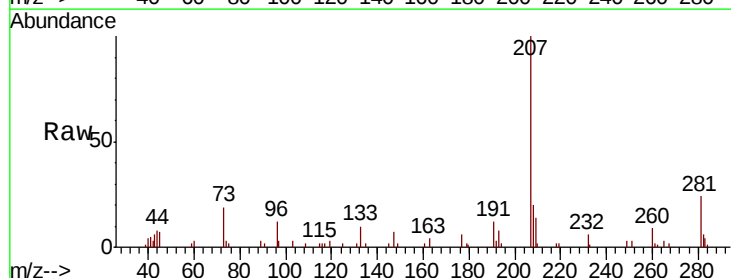
Tgt Ion: 180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.3#

145 410.0 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): VN059167.D (-3994) (-)

Ion 181.80 (181.50 to 182.50): VN059167.D (-3994) (-)

Ion 144.80 (144.50 to 145.50): VN059167.D (-3994) (-)

14.91

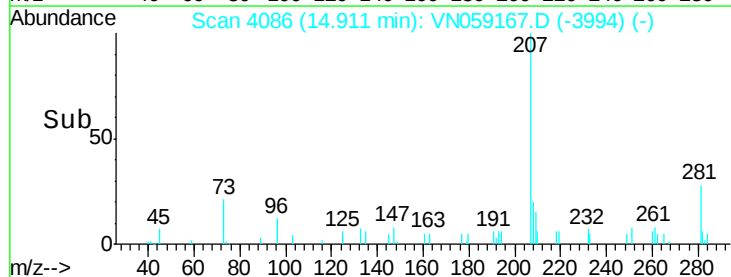
200

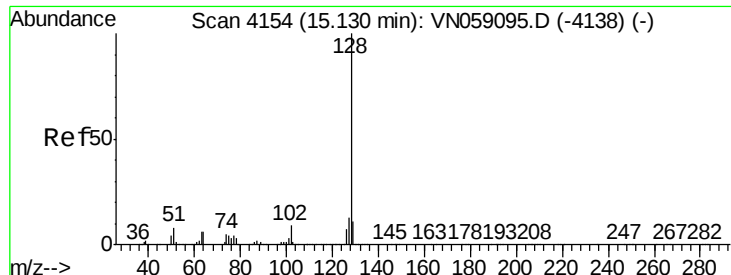
100

0

14.90 14.91 14.92

Time-->

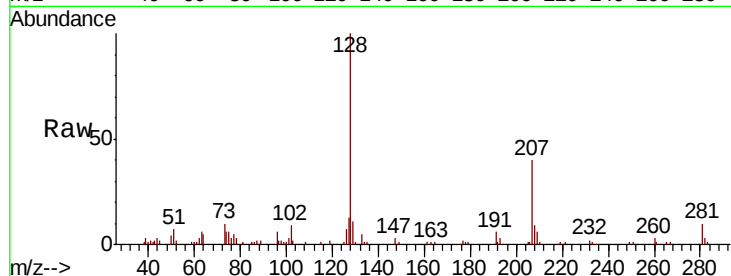




#95
Naphthalene
Concen: 7.714 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059167.D
Acq: 11 Nov 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :
TP-1A-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.7	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

