

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059263.D
 Acq On : 15 Nov 2019 14:13
 Operator : JC/SP
 Sample : K5665-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 00:30:40 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	473358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	731219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	654559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	259918	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	279265	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
35) Dibromofluoromethane	7.57	113	219571	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
50) Toluene-d8	10.08	98	894481	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.40	95	292021	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	645	0.582	ug/l #	72
14) Allyl chloride	4.53	41	11845	1.306	ug/l #	29
16) Acetone	3.80	43	27414	9.060	ug/l	99
17) Carbon Disulfide	4.03	76	3536	0.258	ug/l #	89
18) Methyl Acetate	4.30	43	5025	0.700	ug/l	91
20) Methylene Chloride	4.53	84	281144	53.332	ug/l	99
25) 2-Butanone	6.82	43	5040	1.264	ug/l #	80
31) Cyclohexane	7.65	56	9284	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	35343	5.171	ug/l #	50
38) Carbon Tetrachloride	7.65	117	43724	6.427	ug/l #	16
43) Isopropyl Acetate	8.15	43	97078	8.009	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	2341	0.419	ug/l #	44
48) Methyl methacrylate	9.17	41	6617	1.220	ug/l #	14
49) 1,4-Dioxane	9.26	88	97	1.007	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	7615	1.110	ug/l	98
52) Toluene	10.14	92	10205	0.827	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	40056	4.633	ug/l #	63
56) Ethyl methacrylate	10.54	69	1505	2.047	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7493	0.872	ug/l #	42
59) 2-Hexanone	10.76	43	106702	20.268	ug/l #	54
67) Ethyl Benzene	11.51	91	31547	1.393	ug/l	96
68) m/p-Xylenes	11.61	106	47049	5.548	ug/l	100
69) o-Xylene	11.94	106	41668	5.084	ug/l	99
70) Styrene	11.95	104	2793	0.217	ug/l #	1
71) Bromoform	12.40	173	1875	0.504	ug/l #	1
73) Isopropylbenzene	12.25	105	12131	0.642	ug/l	98
74) N-amyl acetate	12.03	43	4546	0.567	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	141453	23.904	ug/l #	100
78) n-propylbenzene	12.59	91	57012	2.634	ug/l	98
79) 2-Chlorotoluene	12.65	91	19481	1.451	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	100936	6.300	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	141453	63.138	ug/l #	13
82) 4-Chlorotoluene	12.73	91	8468	0.629	ug/l #	43
83) tert-Butylbenzene	13.04	119	51733	3.739	ug/l #	70

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059263.D
 Acq On : 15 Nov 2019 14:13
 Operator : JC/SP
 Sample : K5665-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 00:30:40 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)

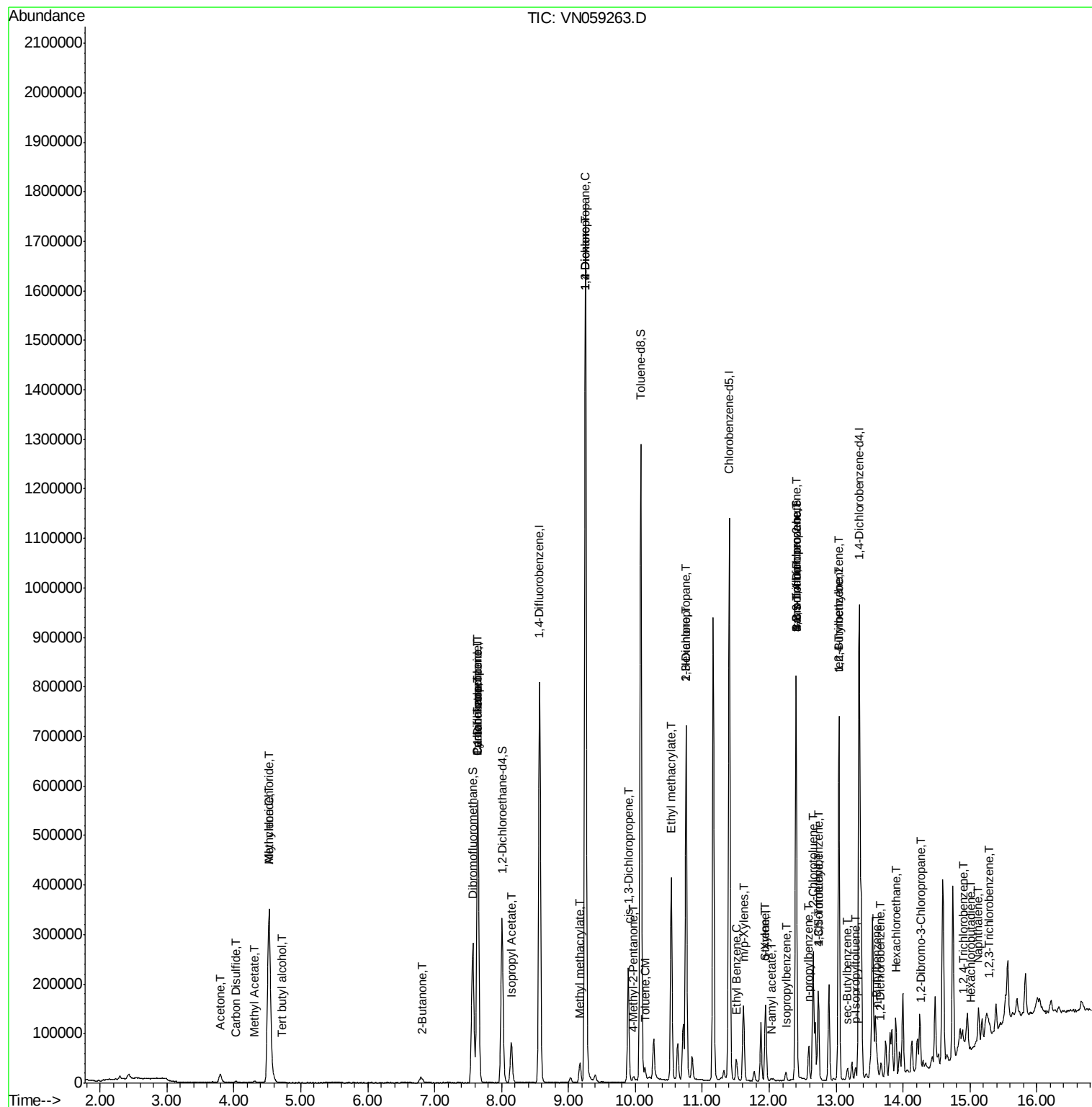
84) 1,2,4-Trimethylbenzene	13.04	105	411979	26.580	ug/l	99
85) sec-Butylbenzene	13.17	105	16255	0.903	ug/l	88
86) p-Isopropyltoluene	13.29	119	11423	0.719	ug/l	97
89) n-Butylbenzene	13.62	91	20121	1.447	ug/l #	79
90) Hexachloroethane	13.89	117	5757	1.805	ug/l #	8
91) 1,2-Dichlorobenzene	13.66	146	1813	0.227	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.27	75	241	0.214	ug/l #	47
93) 1,2,4-Trichlorobenzene	14.91	180	4191	3.857	ug/l #	53
94) Hexachlorobutadiene	15.01	225	736	0.267	ug/l	81
95) Naphthalene	15.13	128	58875	7.150	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	5483	1.223	ug/l #	57

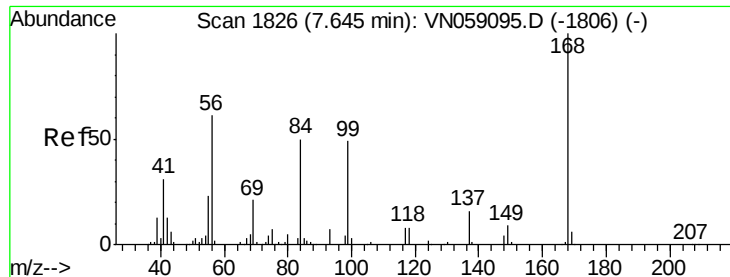
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059263.D
 Acq On : 15 Nov 2019 14:13
 Operator : JC/SP
 Sample : K5665-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 00:30:40 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

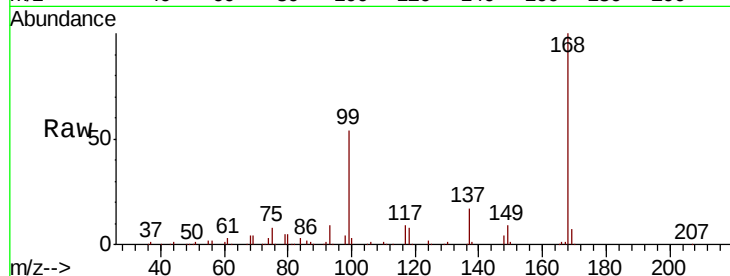
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 473358

Ion Ratio Lower Upper

168 100

99 54.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

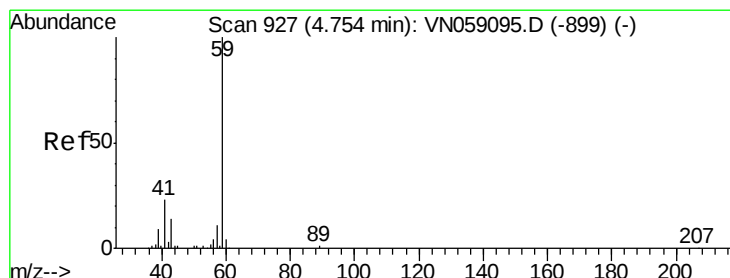
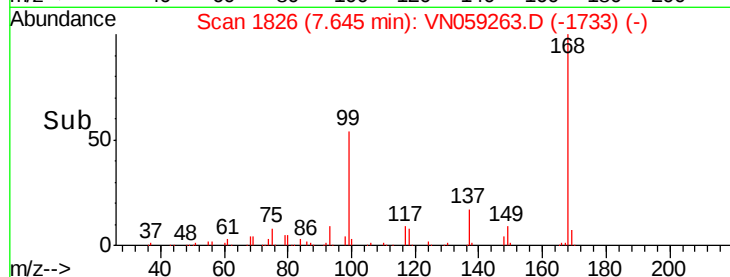
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.582 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.04 min

Lab File: VN059263.D

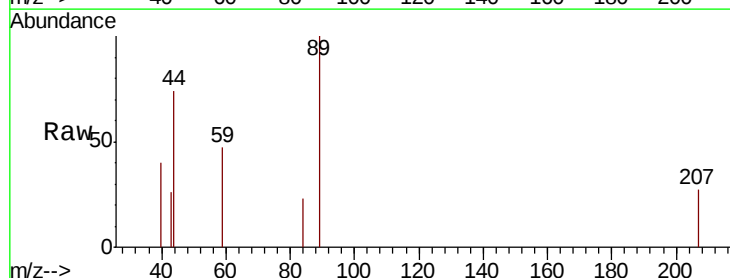
Acq: 15 Nov 2019 14:13

Tgt Ion: 59 Resp: 645

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.72

500

400

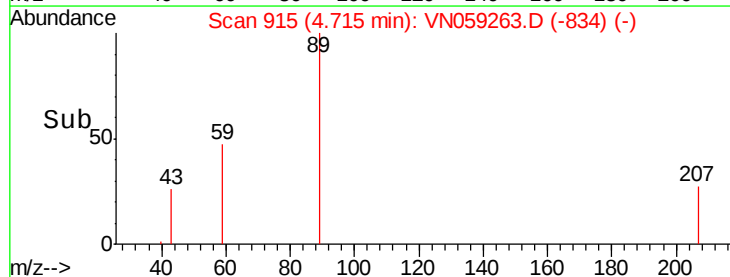
300

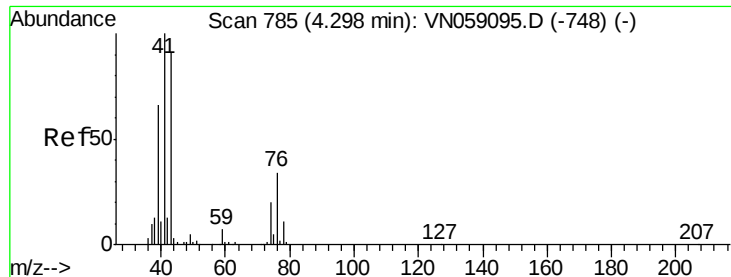
200

100

0

Time-->

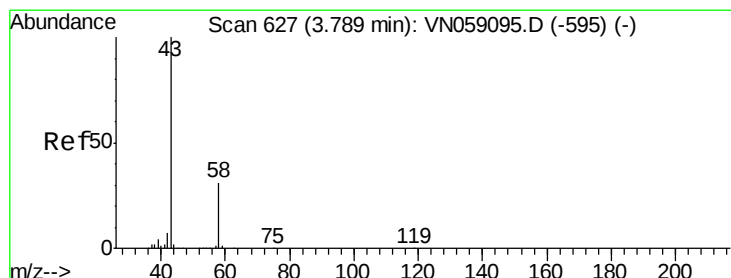
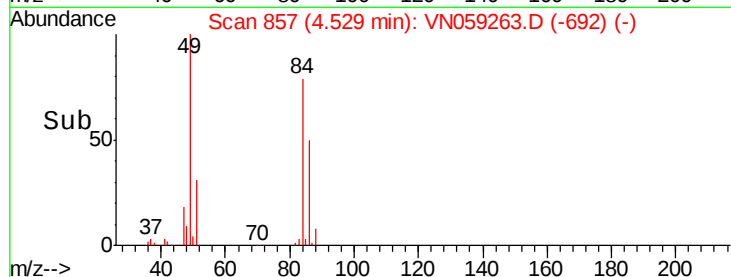
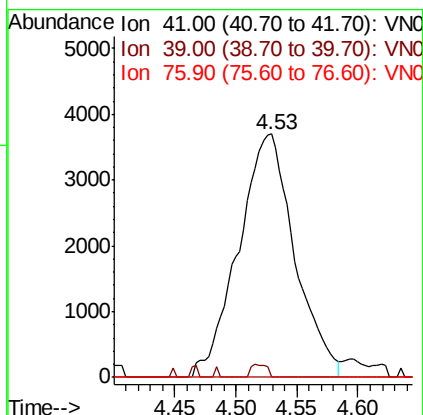
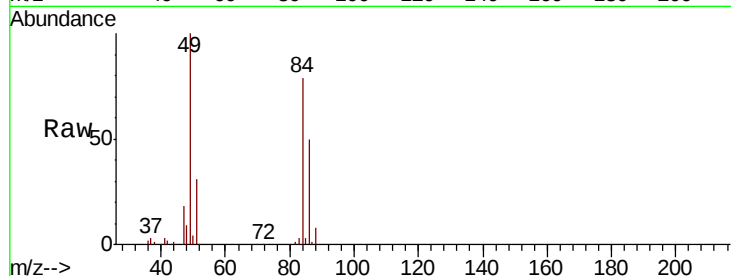




#14
Allv1 chloride
Concen: 1.306 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.23 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

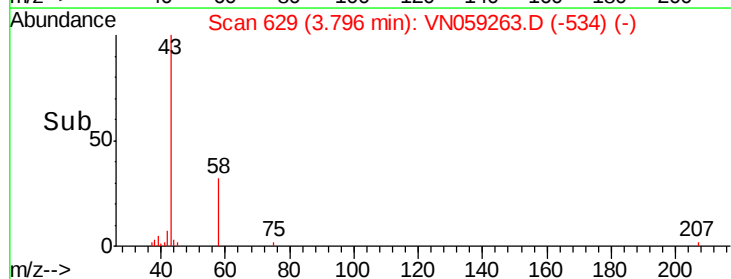
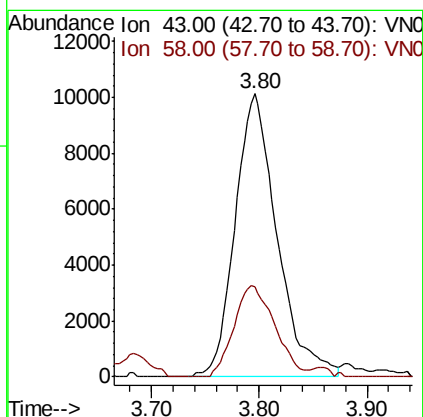
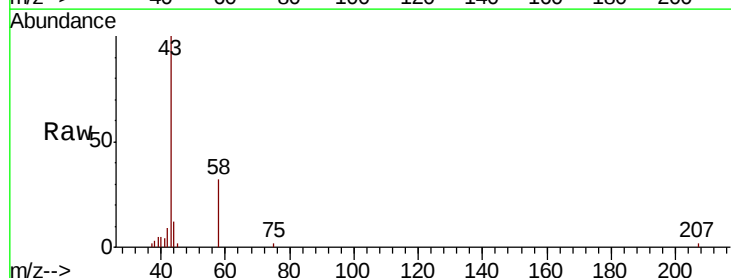
Instrument :
MSVOA_N
ClientSampled :

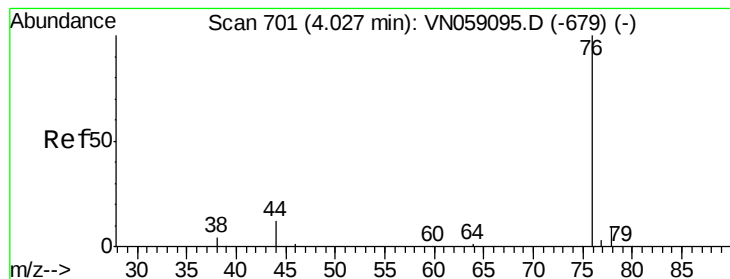
Tot Ion	Ratio	Lower	Upper
41	100		
39	1.4	49.1	73.7#
76	0.0	24.9	37.3#



#16
Acetone
Concen: 9.060 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.9	37.3





#17

Carbon Disulfide

Concen: 0.258 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

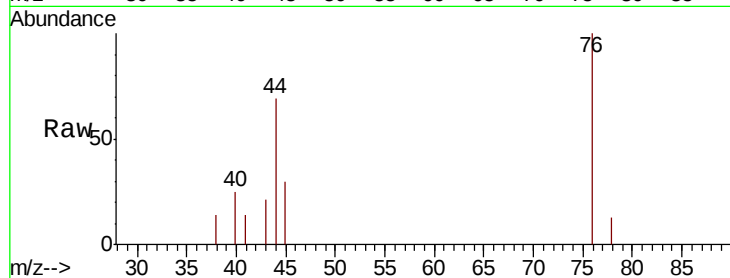
ClientSampled :

Tot Ion: 76 Resp: 3536

Ion Ratio Lower Upper

76 100

78 13.1 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN059095.D (-679) (-)

Ion 77.90 (77.60 to 78.60): VN059095.D (-679) (-)

4.03

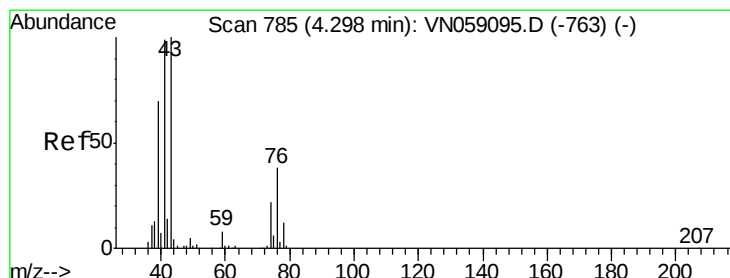
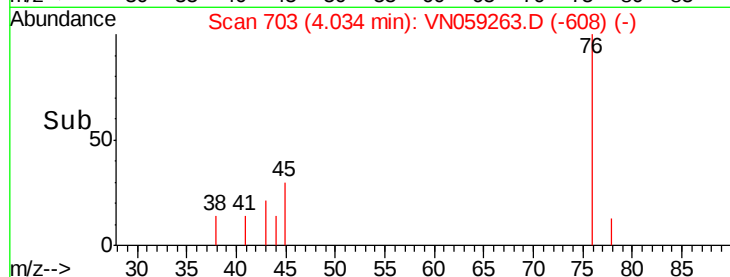
1500

1000

500

0

Time-->



#18

Methyl Acetate

Concen: 0.700 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN059263.D

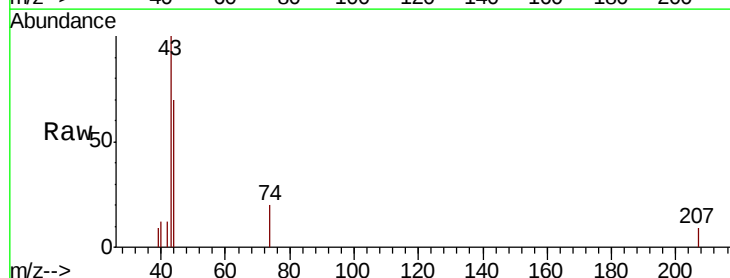
Acq: 15 Nov 2019 14:13

Tgt Ion: 43 Resp: 5025

Ion Ratio Lower Upper

43 100

74 18.1 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-763) (-)

Ion 74.00 (73.70 to 74.70): VN059095.D (-763) (-)

4.30

2000

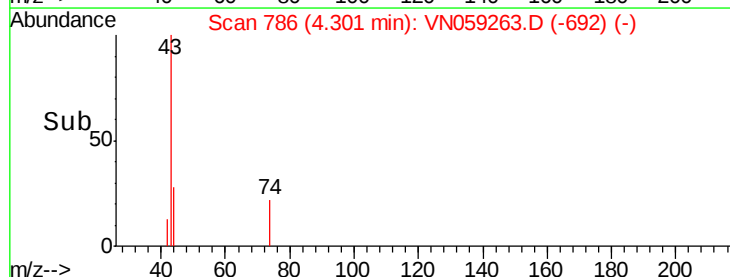
1500

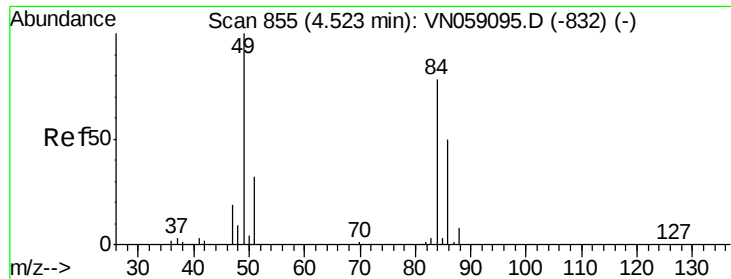
1000

500

0

Time-->

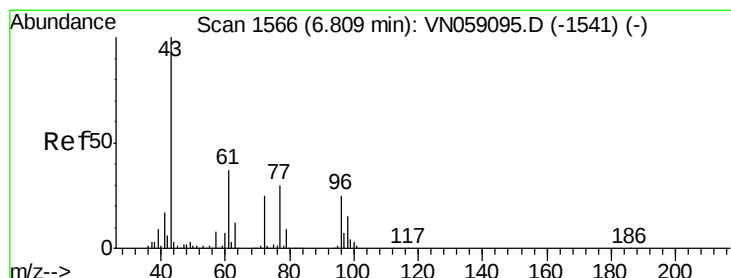
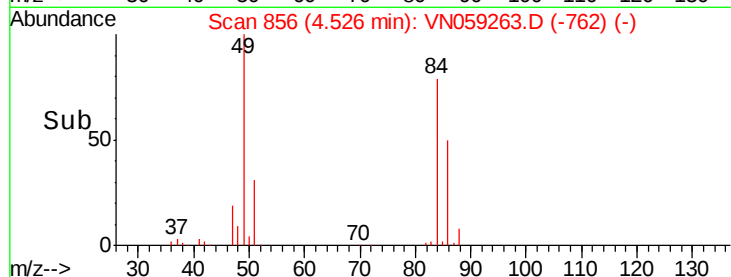
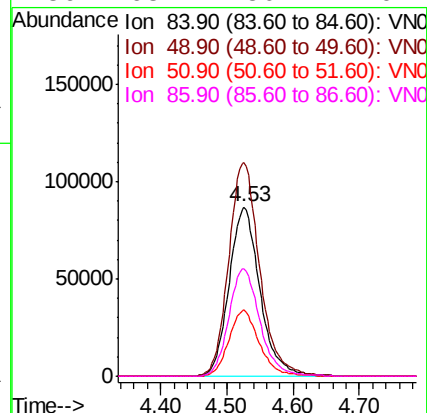
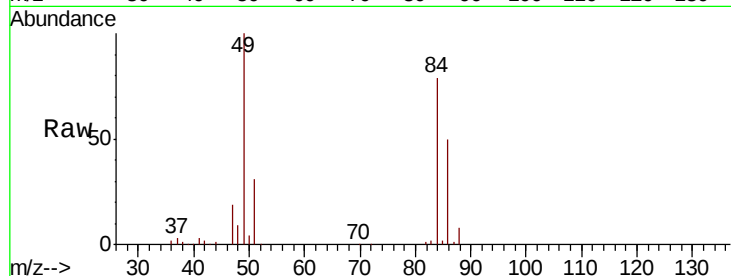




#20
Methvlene Chloride
Concen: 53.332 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

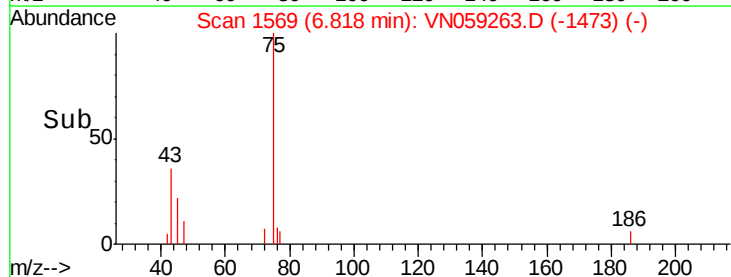
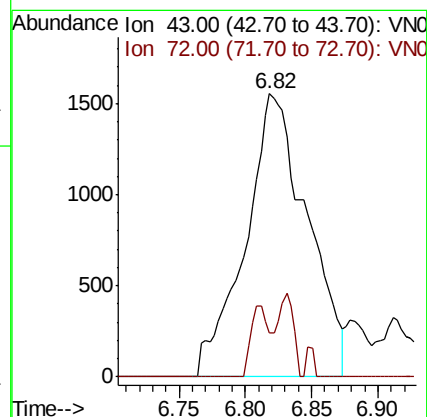
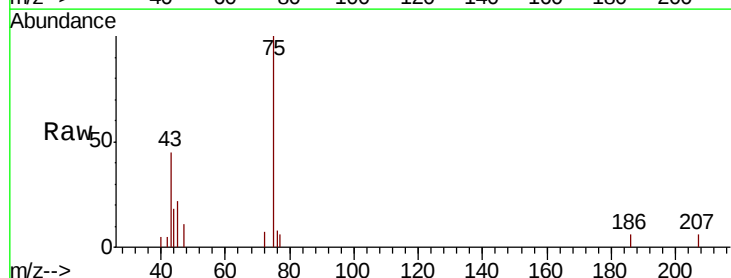
Instrument :
MSVOA_N
ClientSampleId :

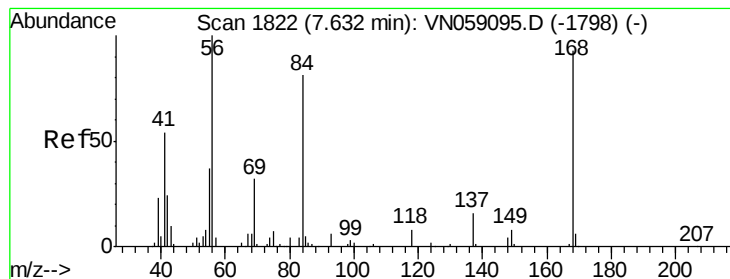
Tot Ion: 84 Resp: 281144
Ion Ratio Lower Upper
84 100
49 126.0 102.0 153.0
51 39.2 32.2 48.2
86 63.4 50.7 76.1



#25
2-Butanone
Concen: 1.264 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion: 43 Resp: 5040
Ion Ratio Lower Upper
43 100
72 15.5 20.3 30.5#





#31

Cyclohexane

Concen: 1.025 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.02 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

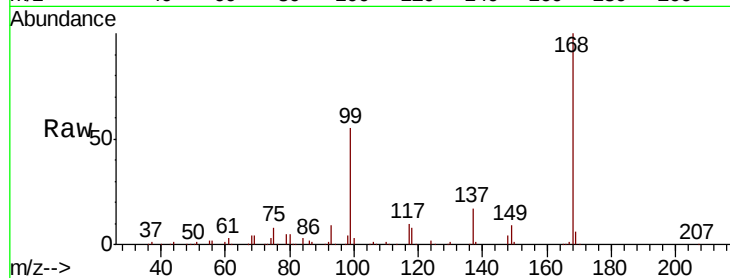
Tot Ion: 56 Resp: 9284

Ion Ratio Lower Upper

56 100

69 181.6 25.8 38.8#

84 132.9 65.0 97.4#

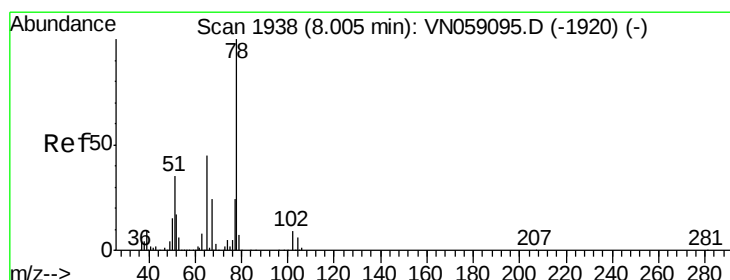
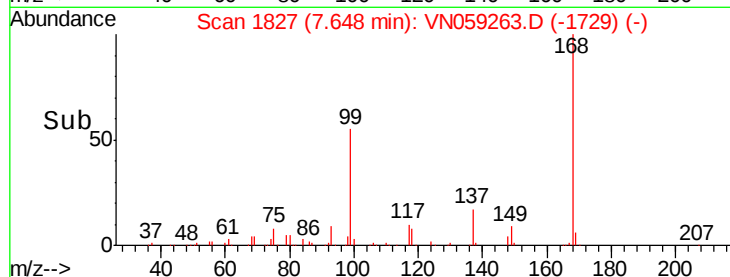
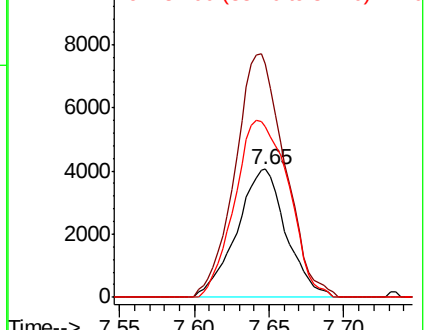


Abundance

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: 47.994 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059263.D

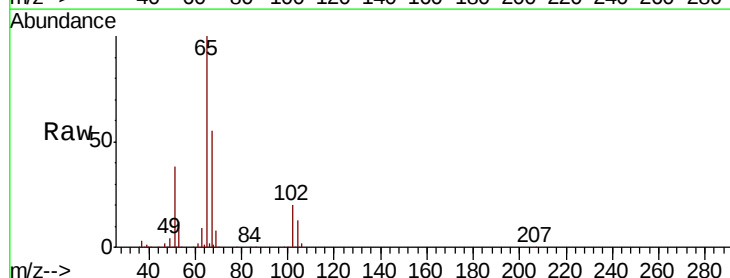
Acq: 15 Nov 2019 14:13

Tgt Ion: 65 Resp: 279265

Ion Ratio Lower Upper

65 100

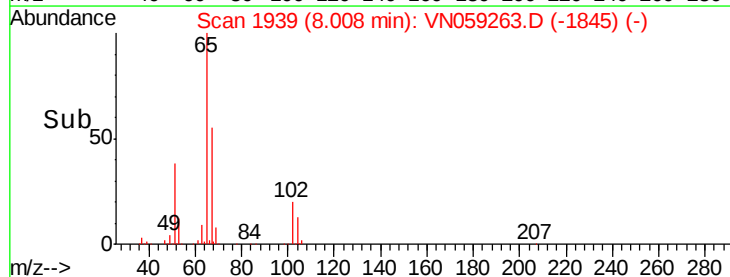
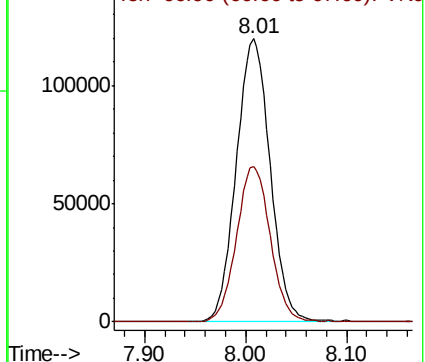
67 54.6 0.0 107.4

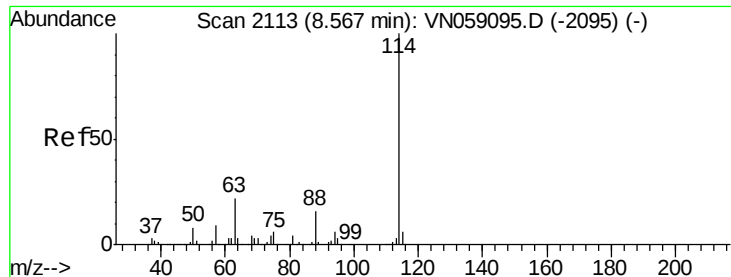


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

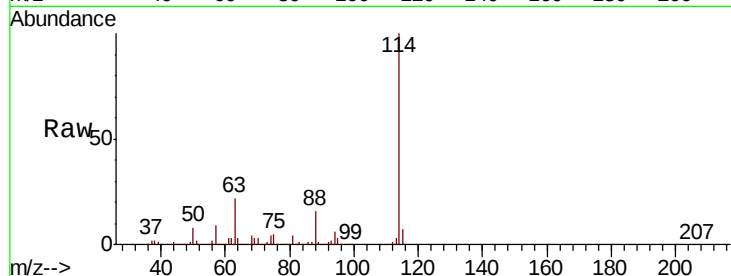




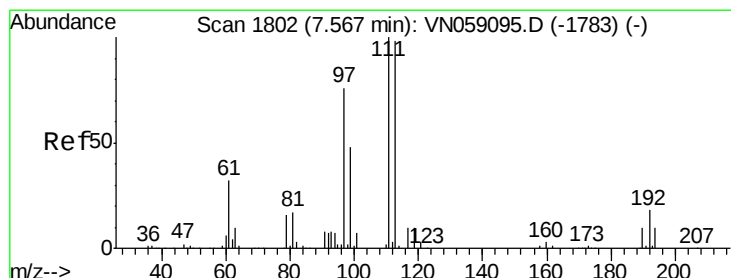
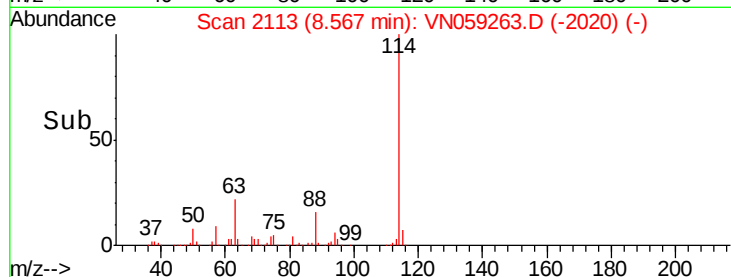
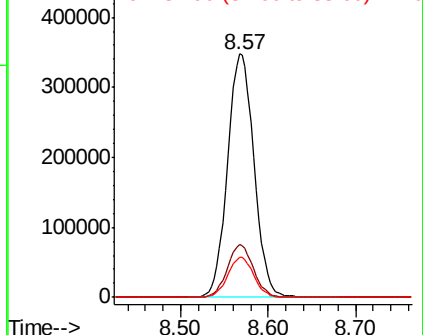
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.4
88	16.3	0.0	32.2

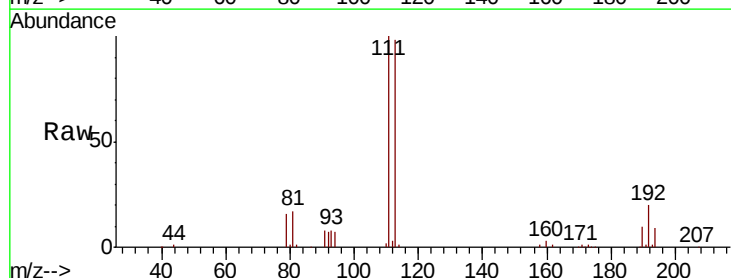


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

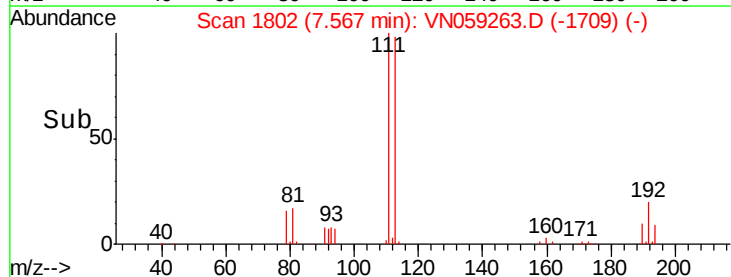
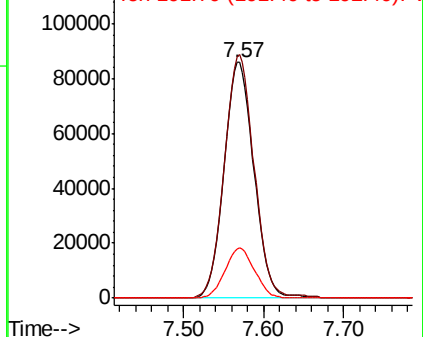


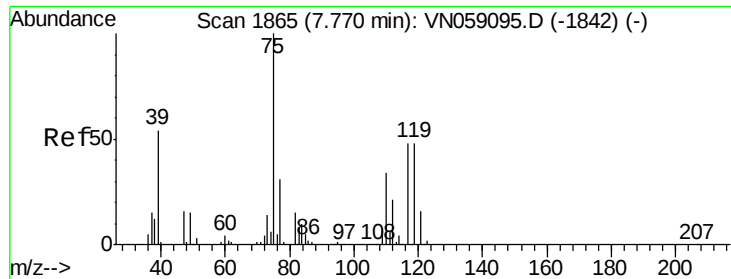
#35
 Dibromofluoromethane
 Concen: 50.290 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	20.9	16.1	24.1



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

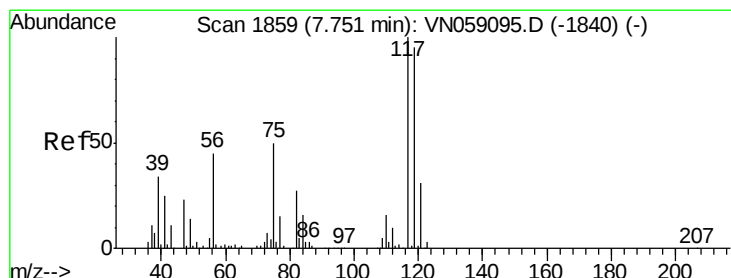
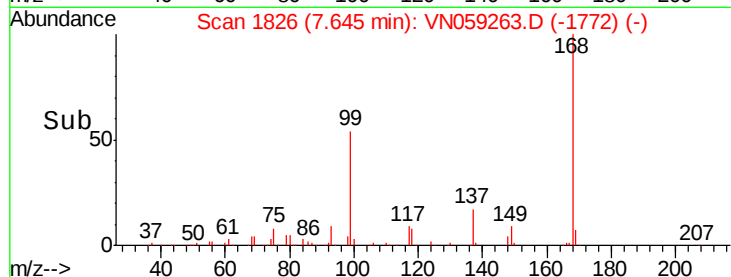
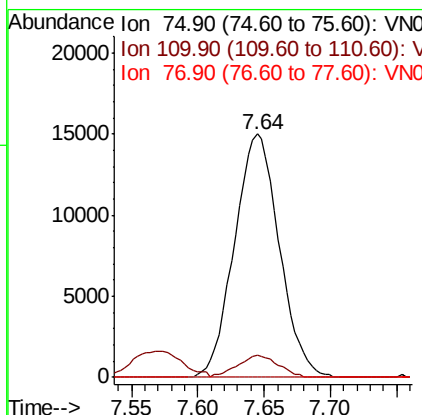
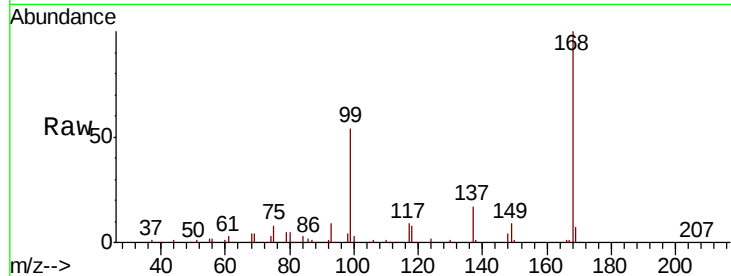




#36
 1,1-Dichloropropene
 Concen: 5.171 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

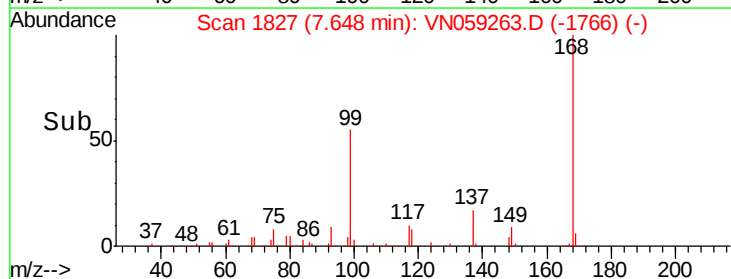
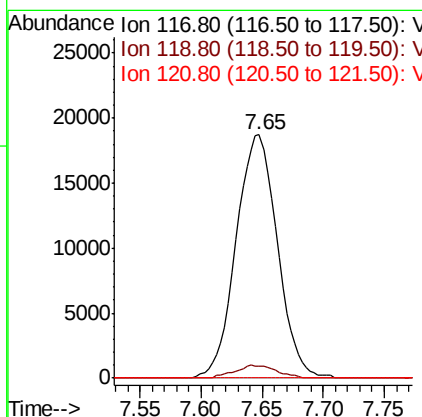
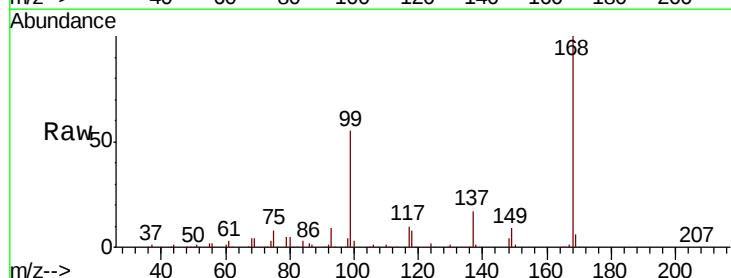
Instrument :
 MSVOA_N
 ClientSampleId :

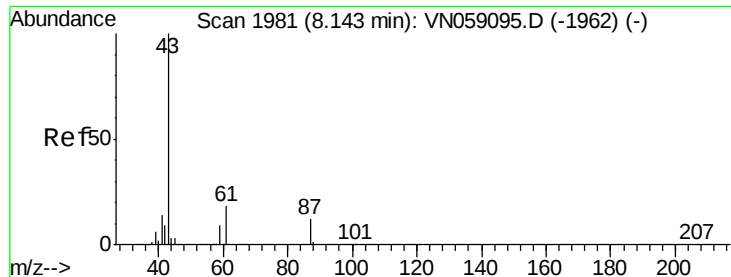
Tot Ion	75	Resp	35343
Ion Ratio	Lower	Upper	
75	100		
110	8.2	17.1	51.2#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.427 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.10 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

Tgt Ion	117	Resp	43724
Ion Ratio	Lower	Upper	
117	100		
119	5.0	75.6	113.4#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 8.009 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

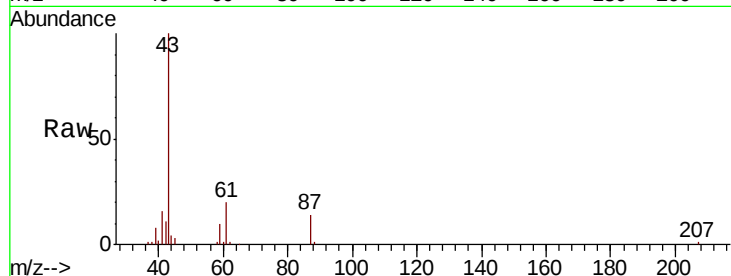
Tot Ion: 43 Resp: 97078

Ion Ratio Lower Upper

43 100

61 20.2 21.0 31.6#

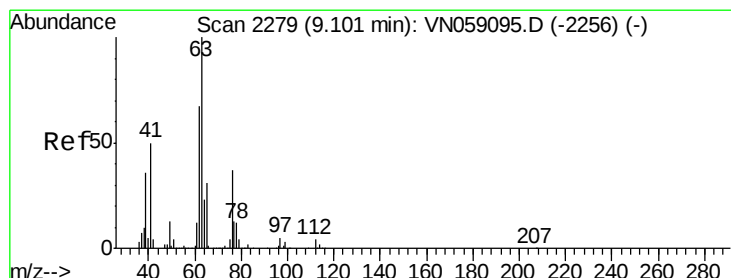
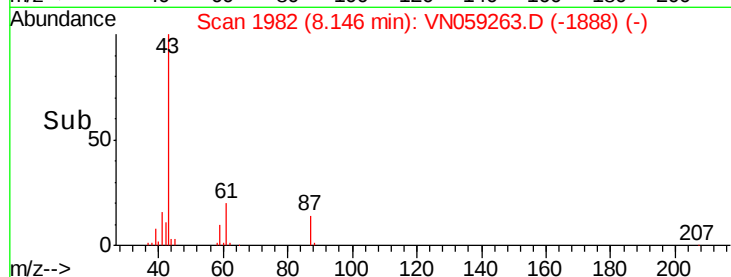
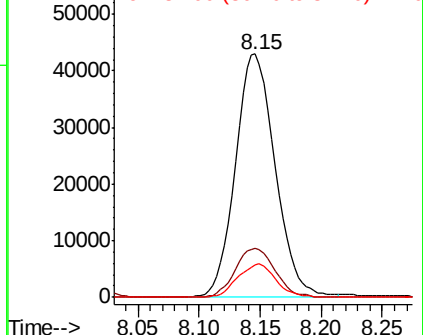
87 13.1 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)



#45

1,2-Dichloropropane

Concen: 0.419 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN059263.D

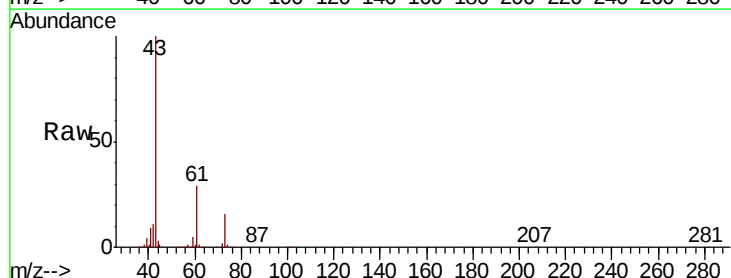
Acq: 15 Nov 2019 14:13

Tgt Ion: 63 Resp: 2341

Ion Ratio Lower Upper

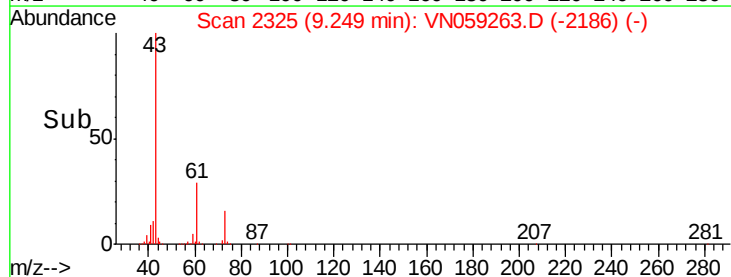
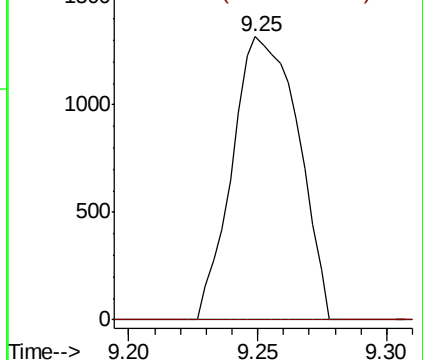
63 100

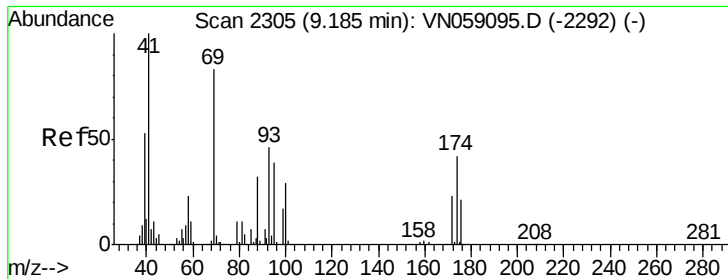
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN059095.D (-2256) (-)

Ion 64.90 (64.60 to 65.60): VN059095.D (-2256) (-)

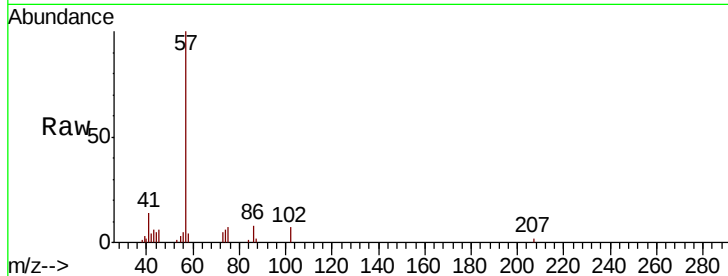




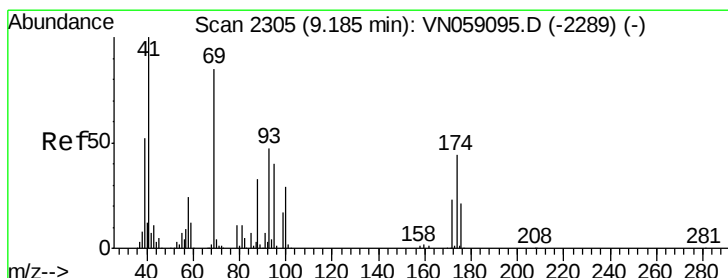
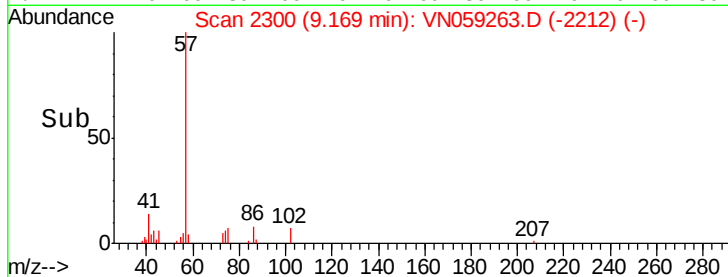
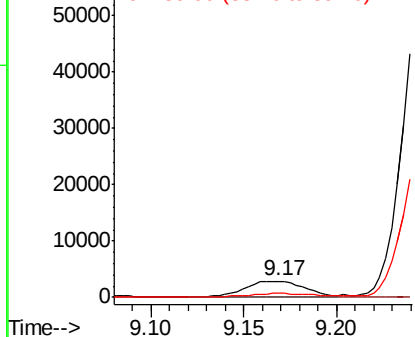
#48
Methvl methacrylate
Concen: 1.220 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 6617
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 43.3 64.9#

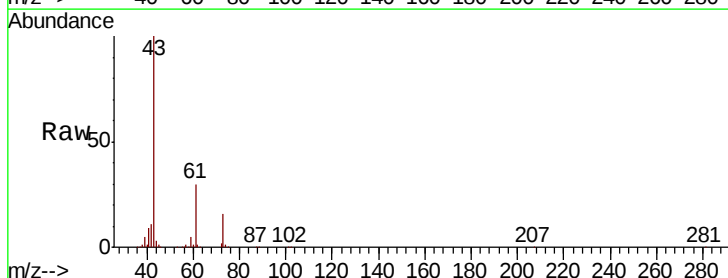


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

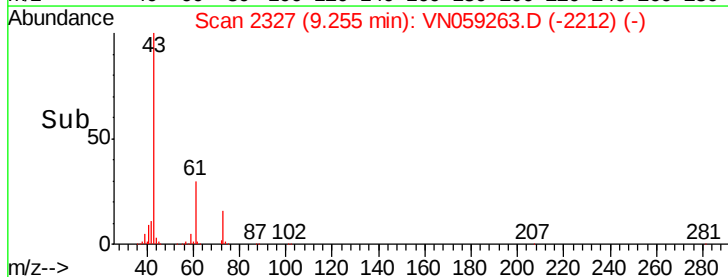
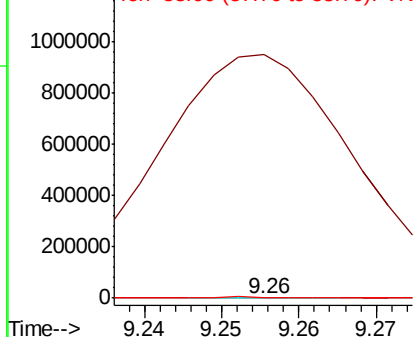


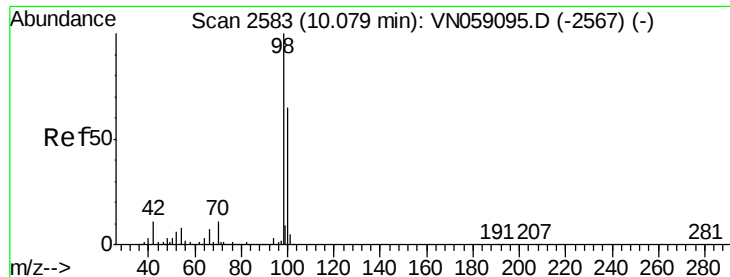
#49
1,4-Dioxane
Concen: 1.007 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.07 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion: 88 Resp: 97
Ion Ratio Lower Upper
88 100
43 1836460.8 26.3 39.5#
58 8088.7 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

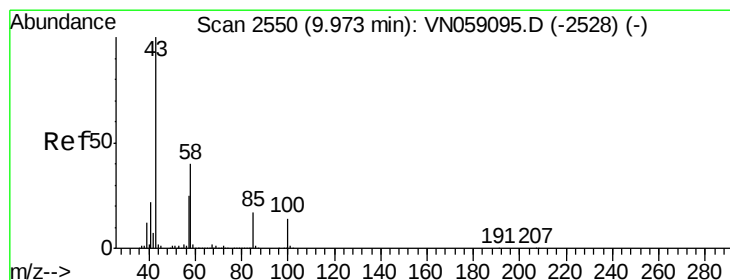
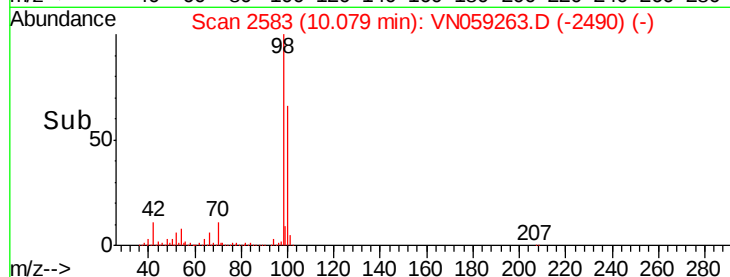
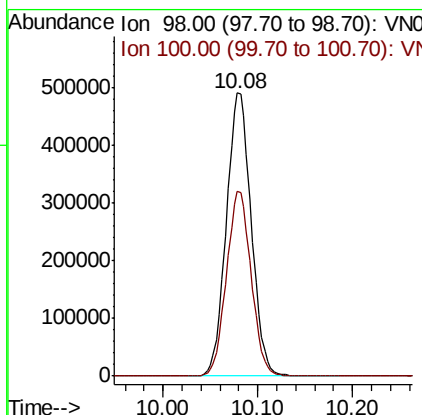
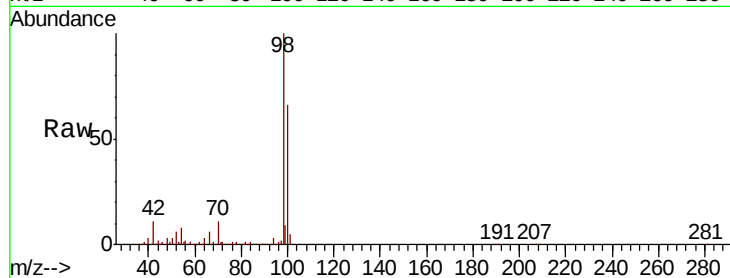




#50
Toluene-d8
Concen: 52.012 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

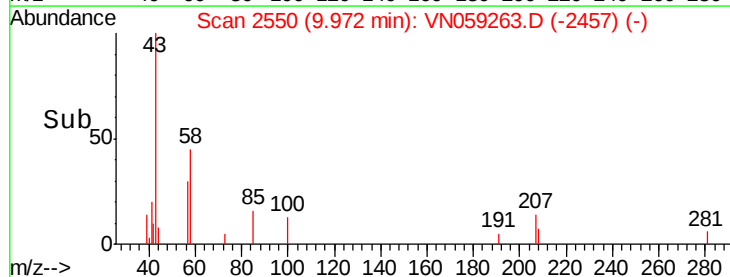
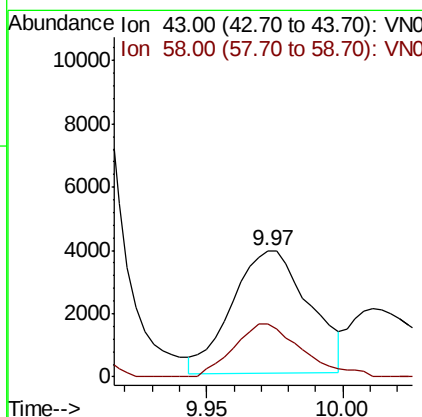
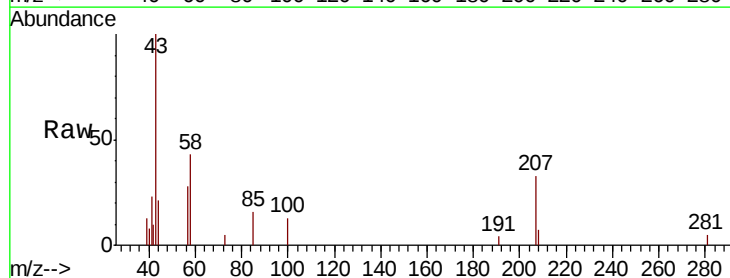
Instrument :
MSVOA_N
ClientSampled :

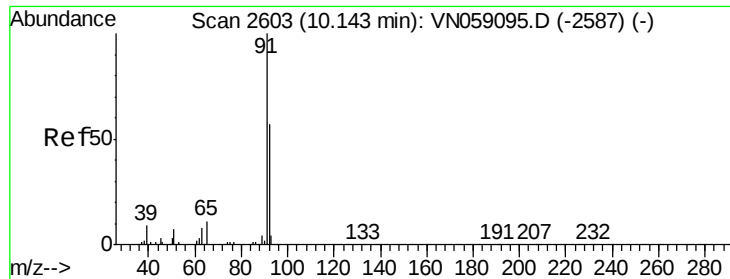
Tot Ion: 98 Resp: 894481
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.110 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion: 43 Resp: 7615
Ion Ratio Lower Upper
43 100
58 38.4 31.5 47.3





#52

Toluene

Concen: 0.827 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

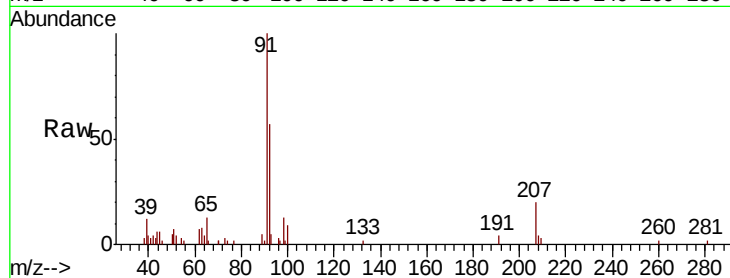
ClientSampled :

Tot Ion: 92 Resp: 10205

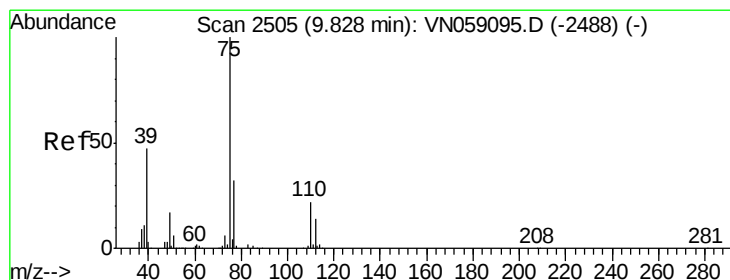
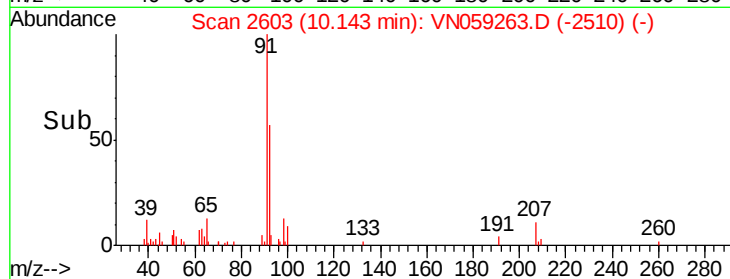
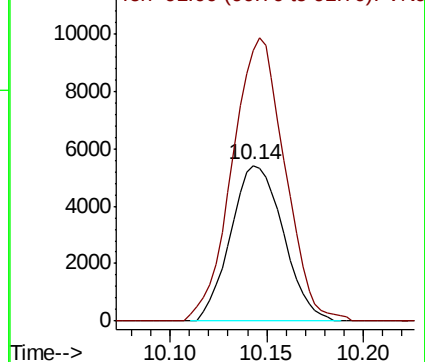
Ion Ratio Lower Upper

92 100

91 182.4 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059263.D (-2510) (-)



#54

cis-1,3-Dichloropropene

Concen: 4.633 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.07 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

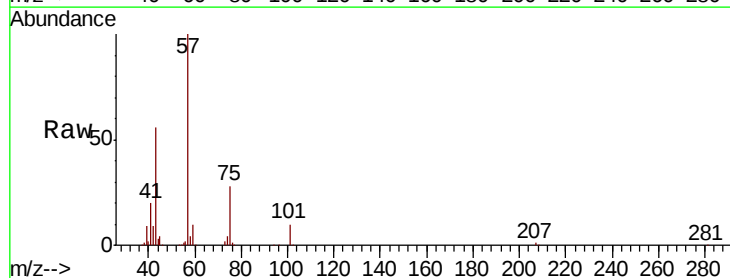
Tgt Ion: 75 Resp: 40056

Ion Ratio Lower Upper

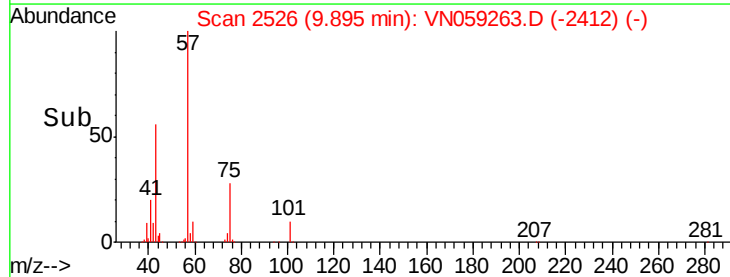
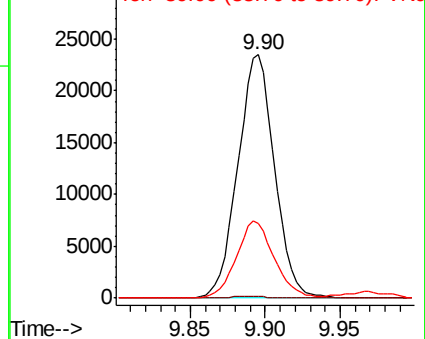
75 100

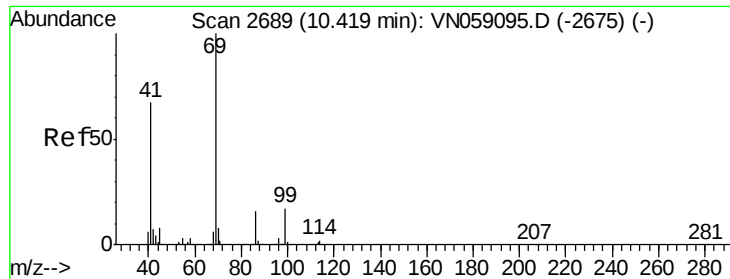
77 0.8 25.5 38.3#

39 30.8 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VN059263.D (-2412) (-)





#56

Ethyl methacrylate

Concen: 2.047 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.12 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

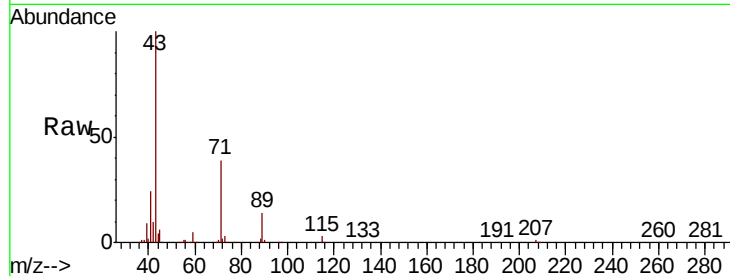
Tot Ion: 69 Resp: 1505

Ion Ratio Lower Upper

69 100

41 4841.3 53.6 80.4#

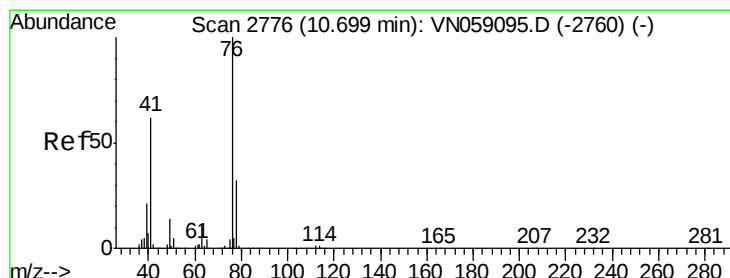
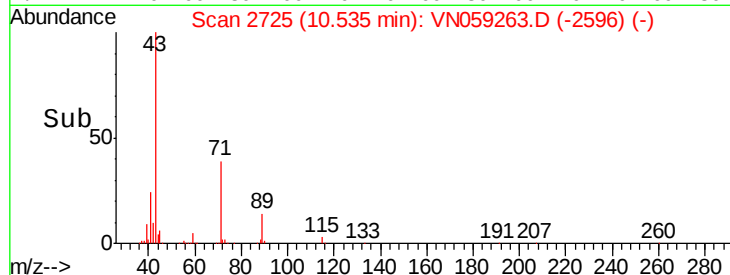
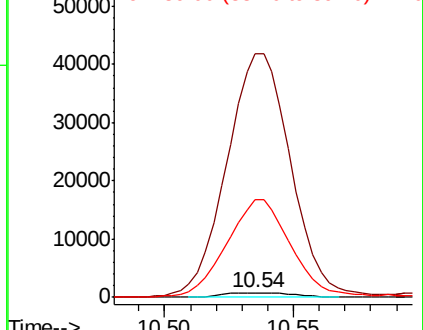
39 1941.7 26.2 39.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.872 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059263.D

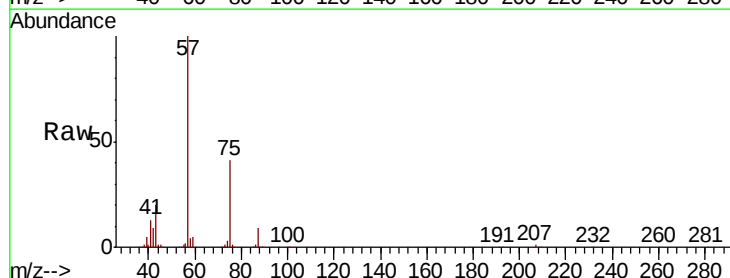
Acq: 15 Nov 2019 14:13

Tgt Ion: 76 Resp: 7493

Ion Ratio Lower Upper

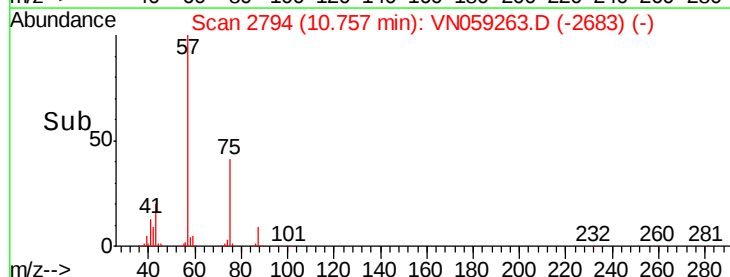
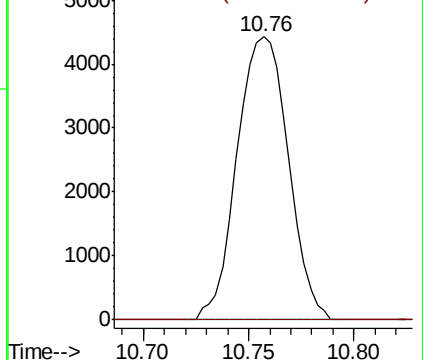
76 100

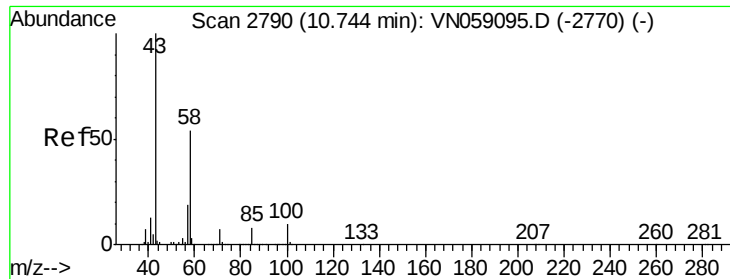
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

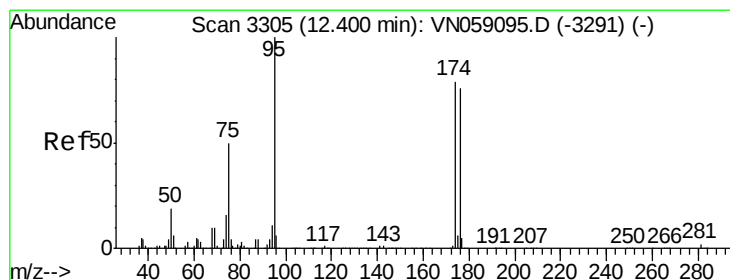
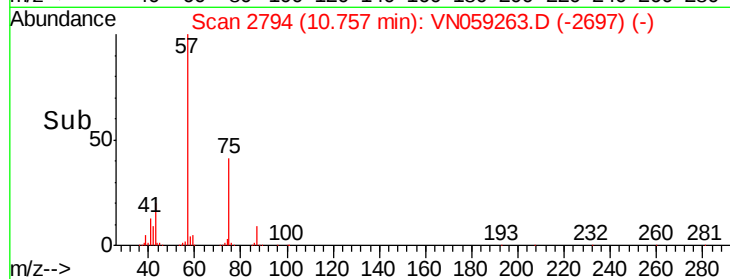
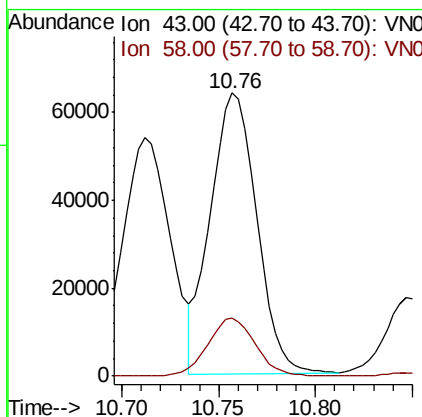
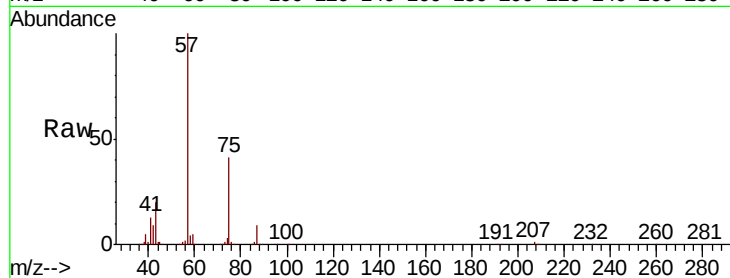




#59
2-Hexanone
Concen: 20.268 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

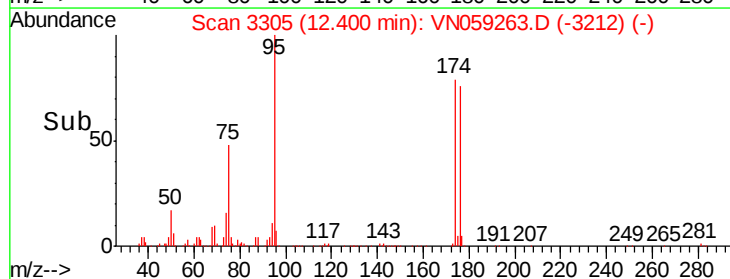
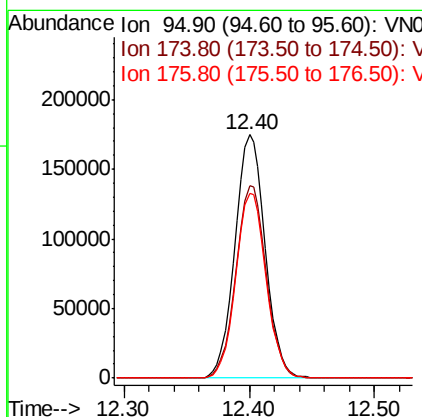
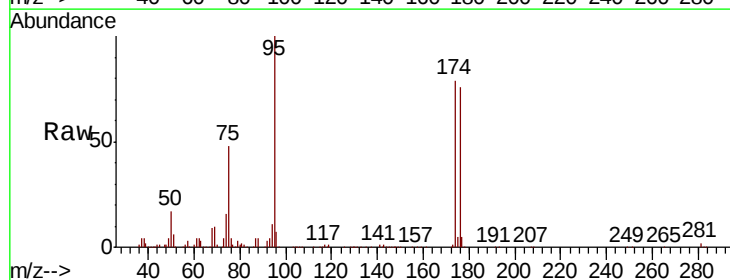
Instrument :
MSVOA_N
ClientSampled :

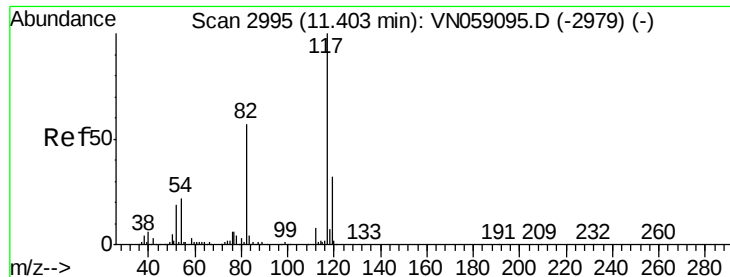
Tot Ion: 43 Resp: 106702
Ion Ratio Lower Upper
43 100
58 21.4 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 47.094 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion: 95 Resp: 292021
Ion Ratio Lower Upper
95 100
174 79.7 0.0 158.2
176 76.5 0.0 151.8

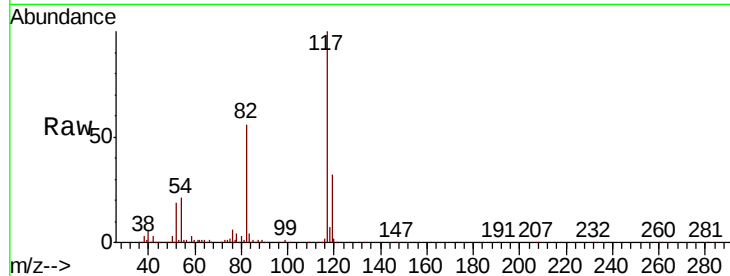




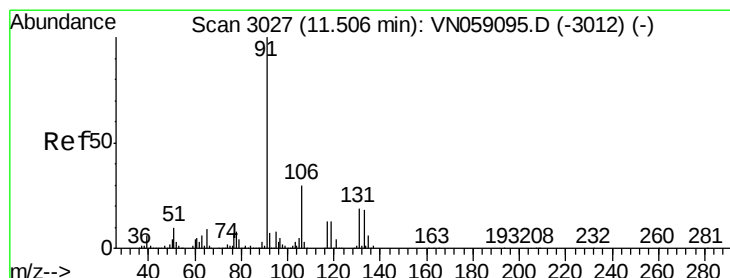
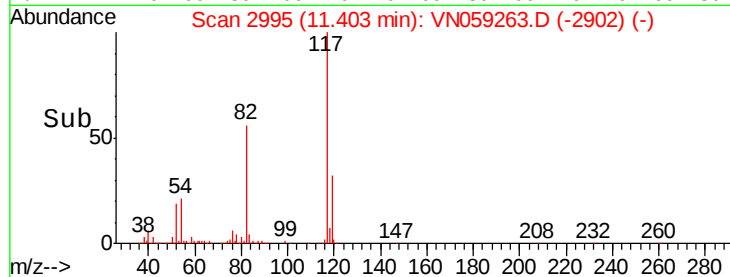
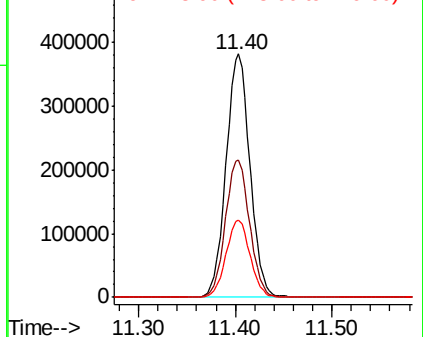
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 654559
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.8
119 31.9 25.8 38.6

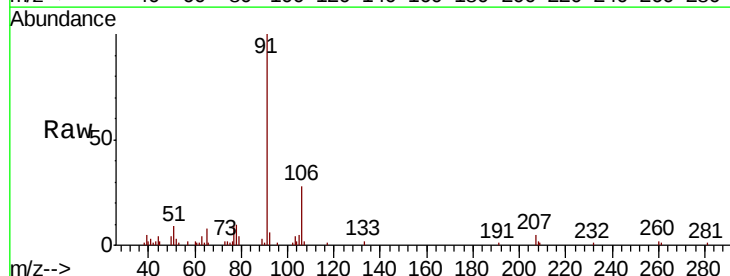


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

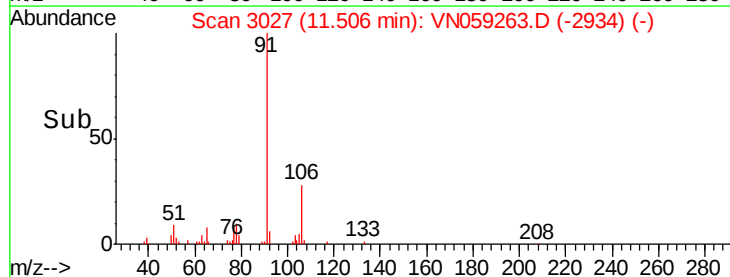
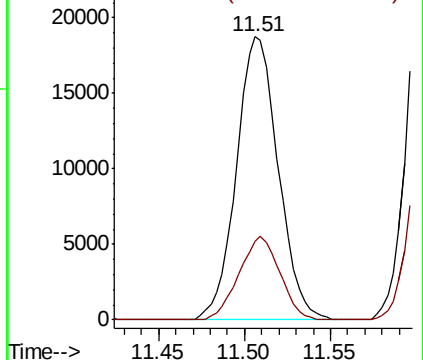


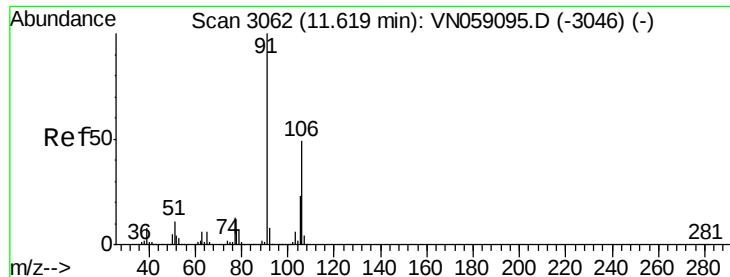
#67
Ethyl Benzene
Concen: 1.393 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion: 91 Resp: 31547
Ion Ratio Lower Upper
91 100
106 27.9 24.1 36.1



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

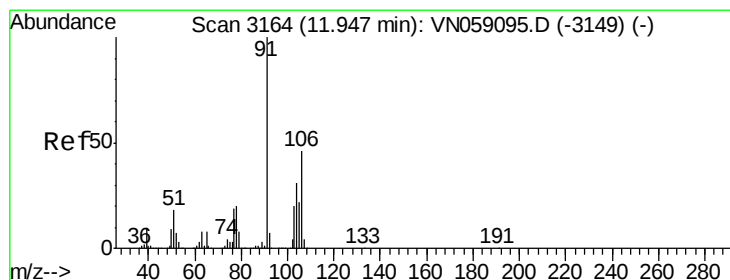
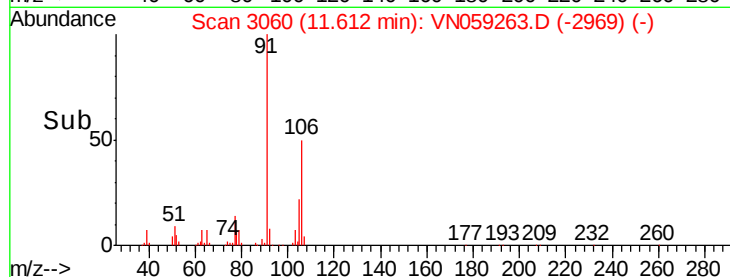
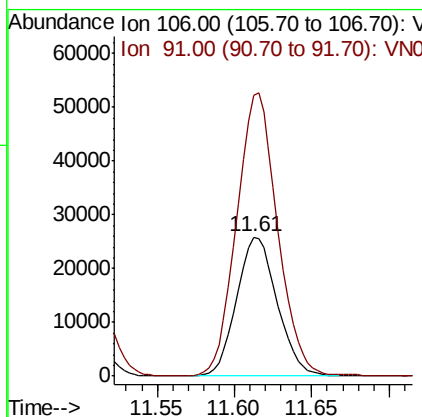
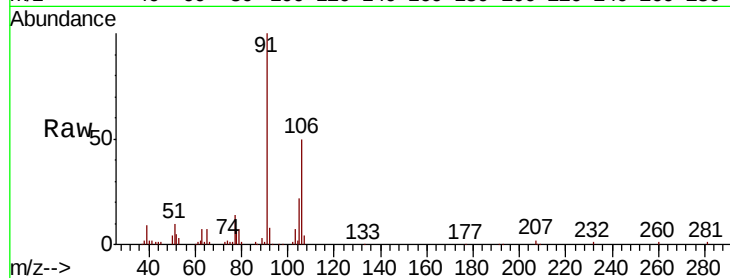




#68
m/p-Xylenes
Concen: 5.548 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

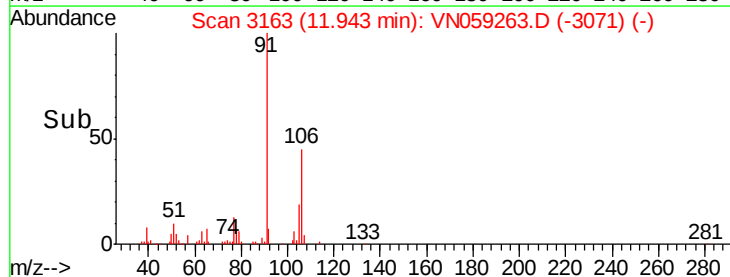
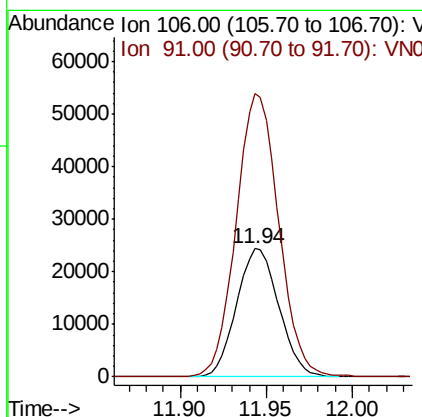
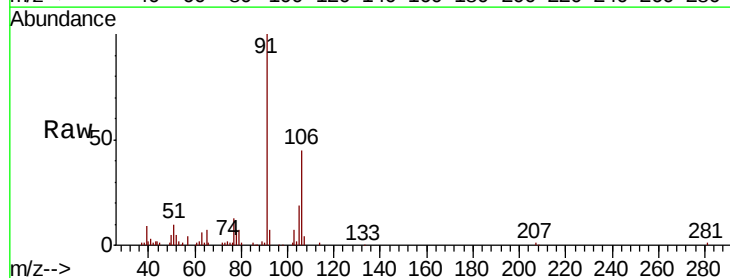
Instrument :
MSVOA_N
ClientSampleId :

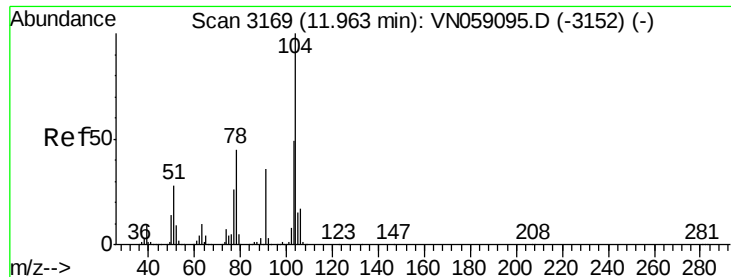
Tot Ion:106 Resp: 47049
Ion Ratio Lower Upper
106 100
91 206.2 164.7 247.1



#69
o-Xylene
Concen: 5.084 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion:106 Resp: 41668
Ion Ratio Lower Upper
106 100
91 221.7 110.1 330.3





#70

Stvrene

Concen: 0.217 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

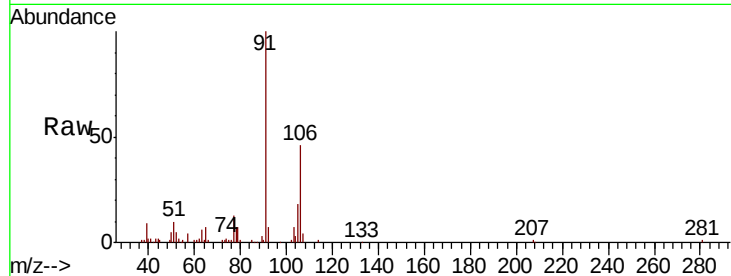
Tot Ion:104 Resp: 2793

Ion Ratio Lower Upper

104 100

78 248.7 41.2 61.8#

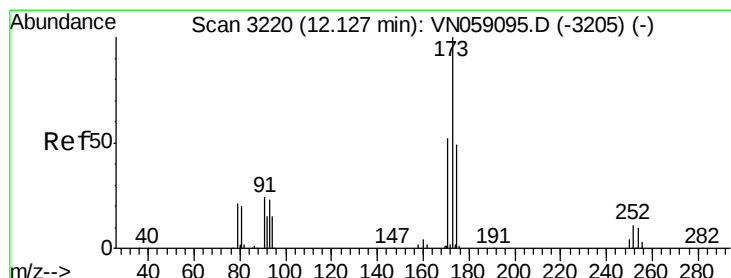
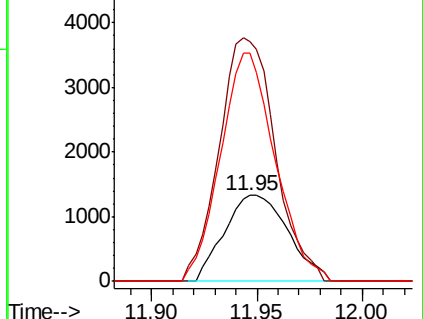
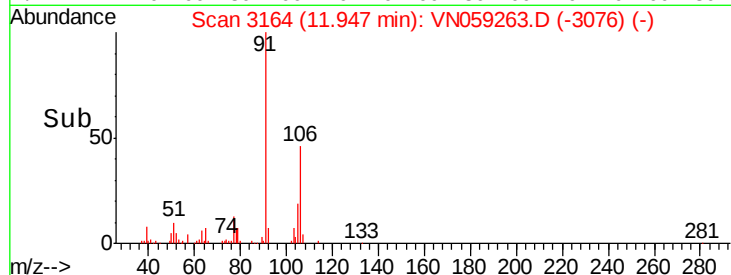
103 227.5 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.504 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

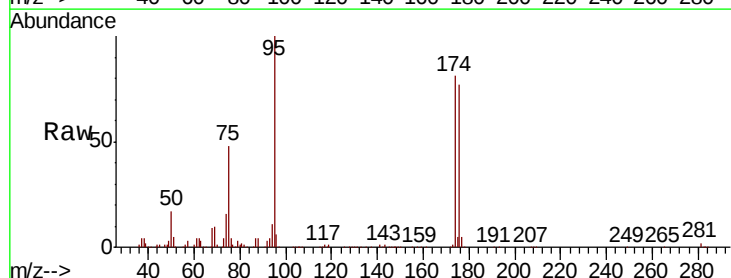
Tgt Ion:173 Resp: 1875

Ion Ratio Lower Upper

173 100

175 752.5 24.2 72.6#

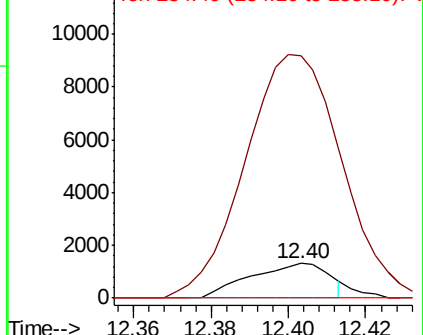
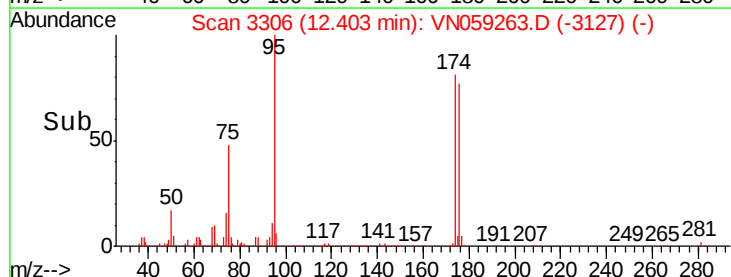
254 0.0 0.1 0.1#

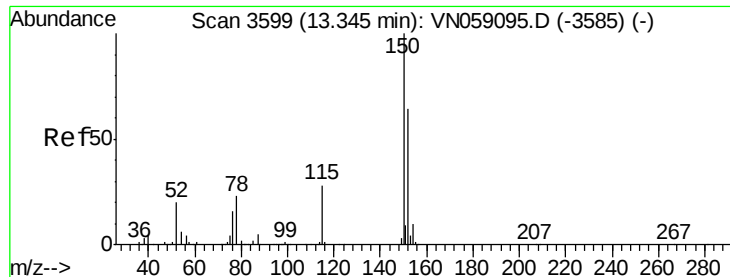


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3599

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

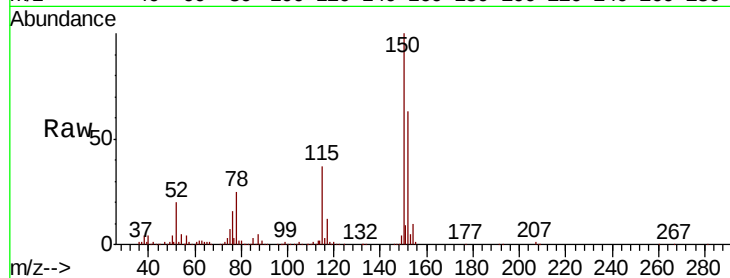
Tot Ion:152 Resp: 259918

Ion Ratio Lower Upper

152 100

115 62.3 29.4 88.2

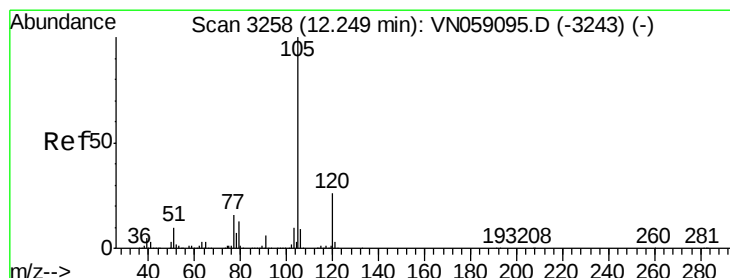
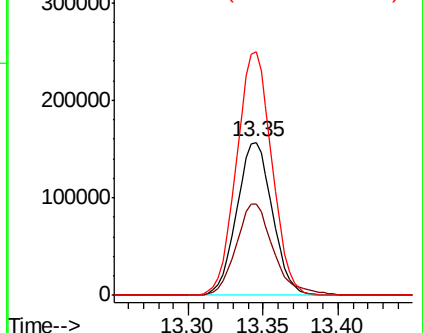
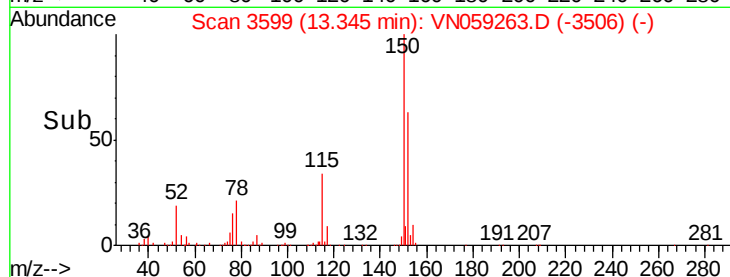
150 158.2 0.0 345.8



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



#73

Isopropylbenzene

Concen: 0.642 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059263.D

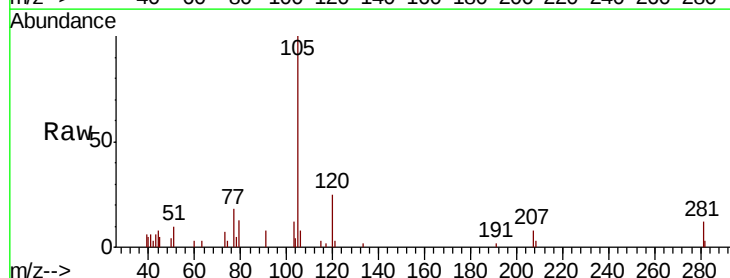
Acq: 15 Nov 2019 14:13

Tgt Ion:105 Resp: 12131

Ion Ratio Lower Upper

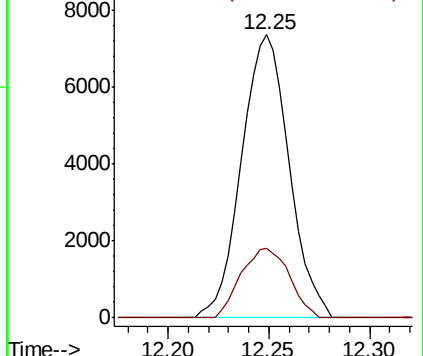
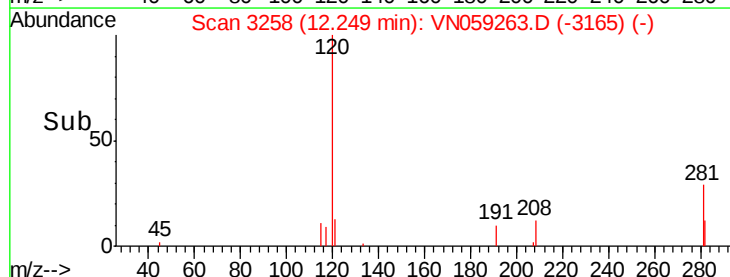
105 100

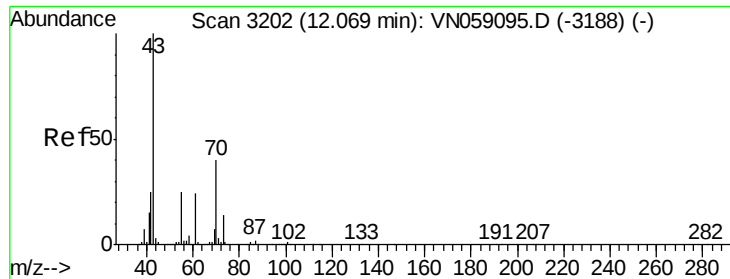
120 25.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.567 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 4546

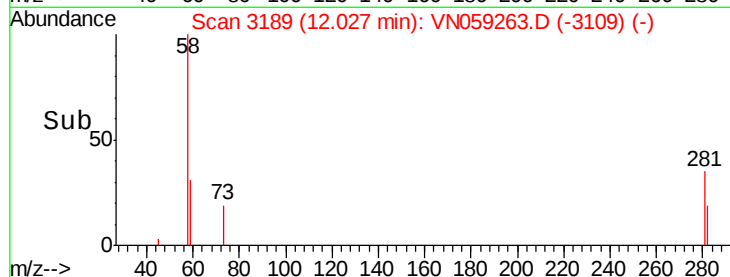
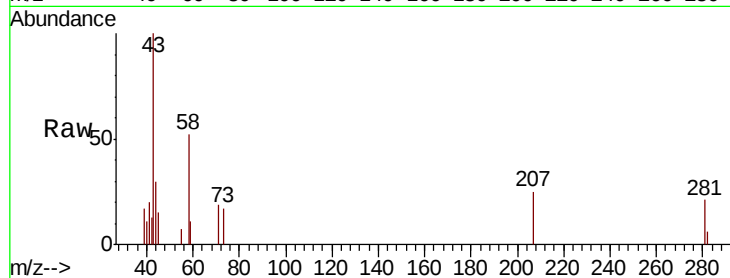
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 4.6 20.4 30.6#

61 0.0 19.3 28.9#

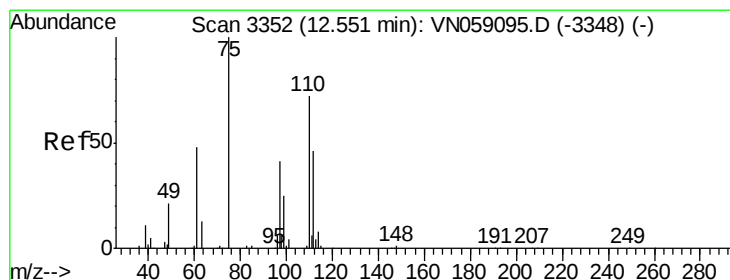
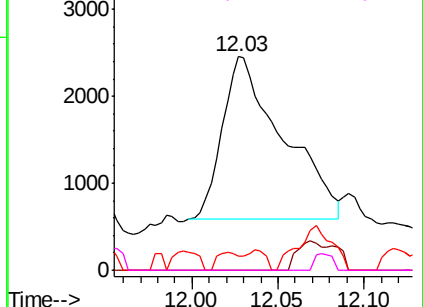


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 23.904 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059263.D

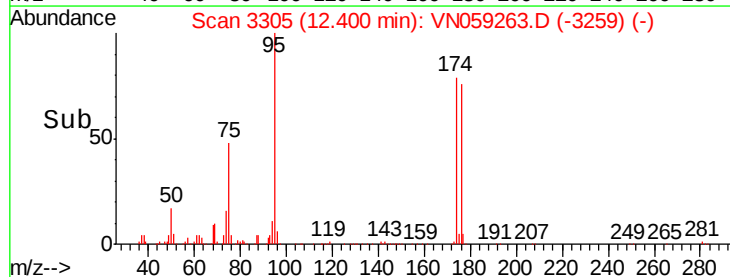
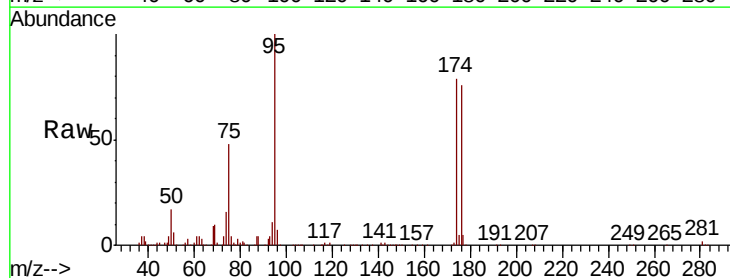
Acq: 15 Nov 2019 14:13

Tgt Ion: 75 Resp: 141453

Ion Ratio Lower Upper

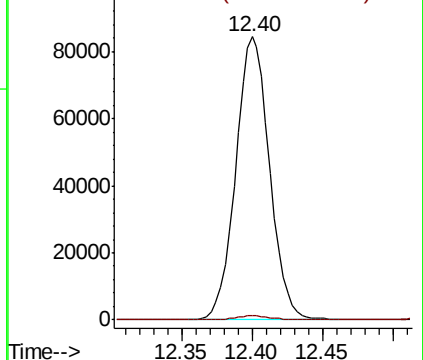
75 100

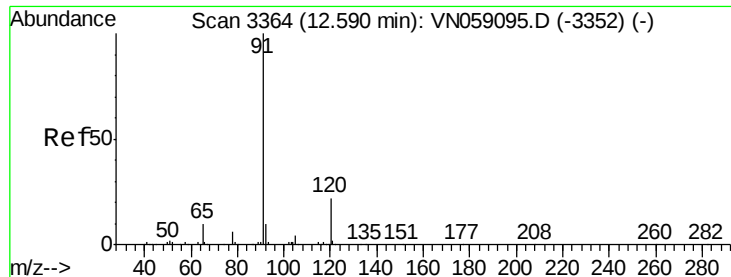
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 2.634 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

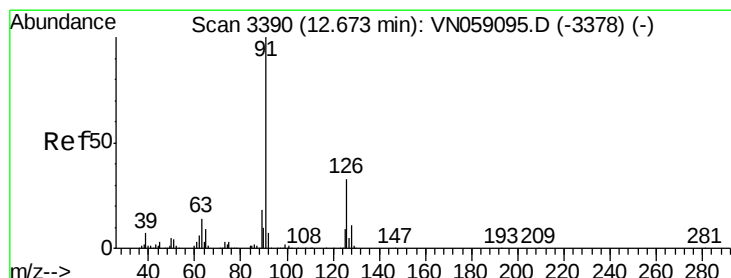
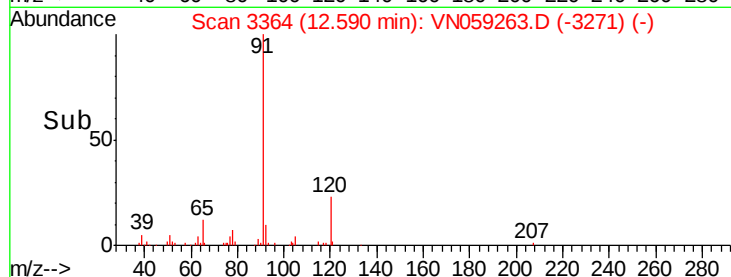
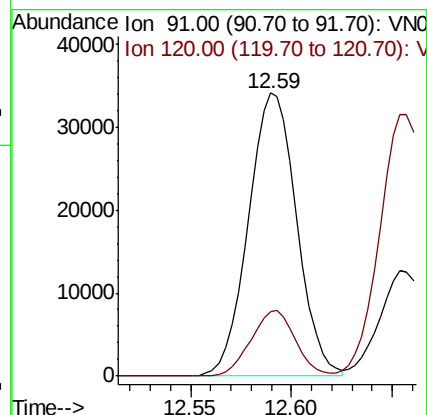
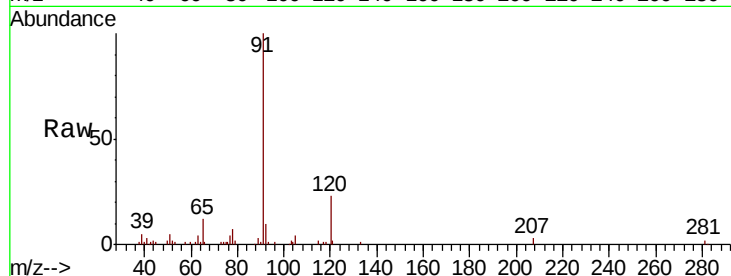
ClientSampleId :

Tot Ion: 91 Resp: 57012

Ion Ratio Lower Upper

91 100

120 21.4 11.2 33.5



#79

2-Chlorotoluene

Concen: 1.451 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN059263.D

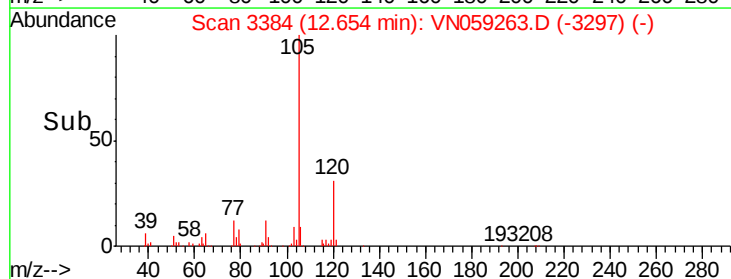
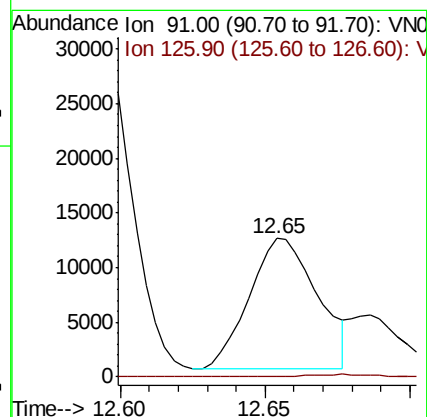
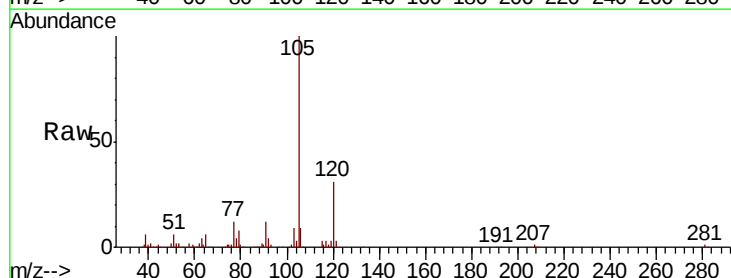
Acq: 15 Nov 2019 14:13

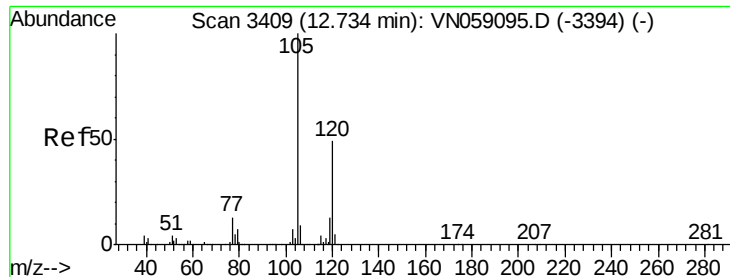
Tgt Ion: 91 Resp: 19481

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#

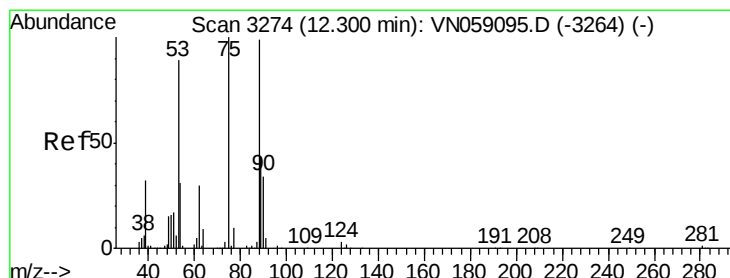
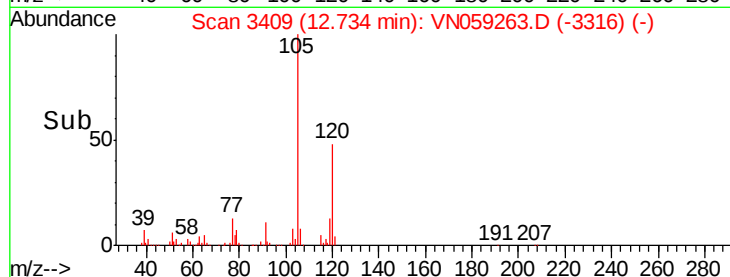
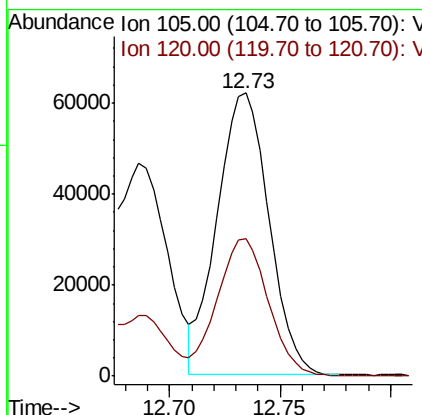
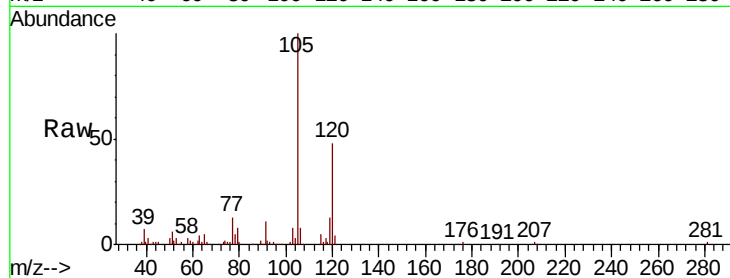




#80
 1,3,5-Trimethylbenzene
 Concen: 6.300 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

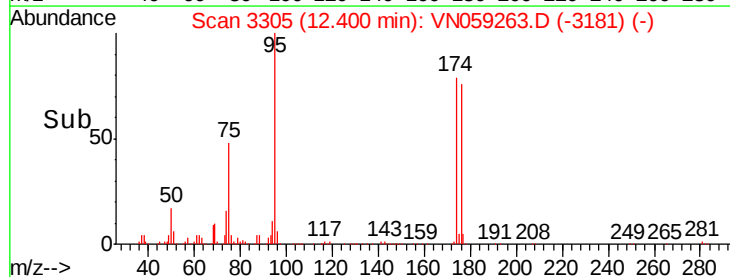
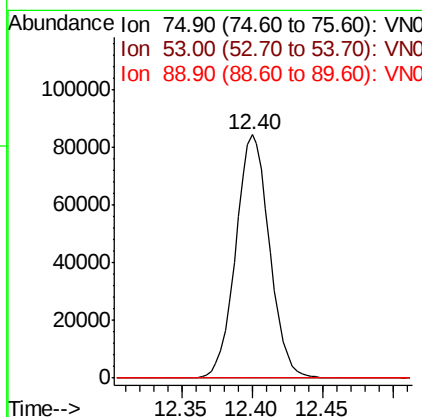
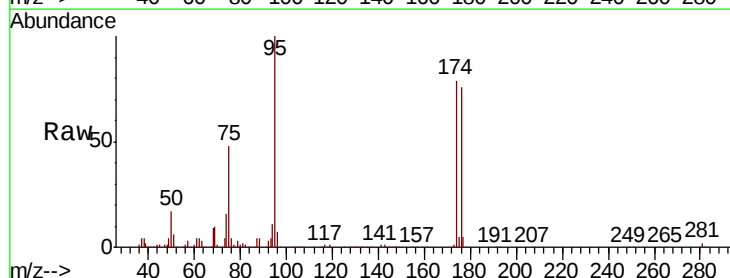
Instrument :
 MSVOA_N
 ClientSampleId :

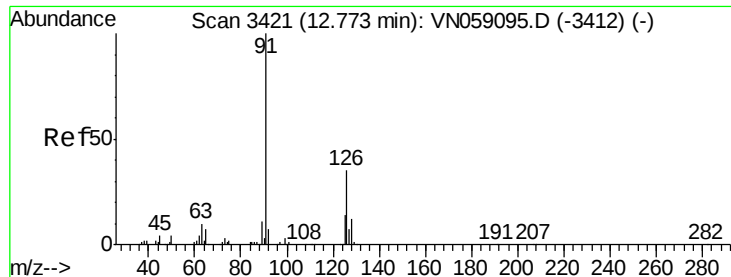
Tot Ion:105 Resp: 100936
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.138 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

Tgt Ion: 75 Resp: 141453
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.2#
 89 0.0 35.8 53.8#





#82

4-Chlorotoluene

Concen: 0.629 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

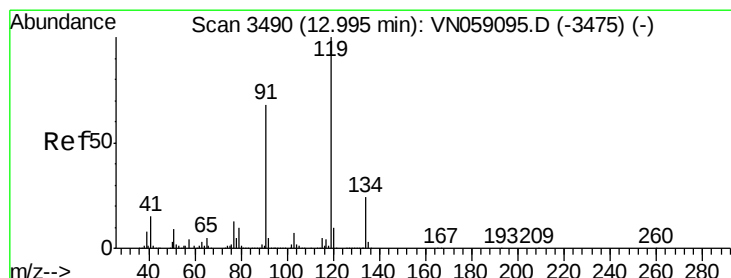
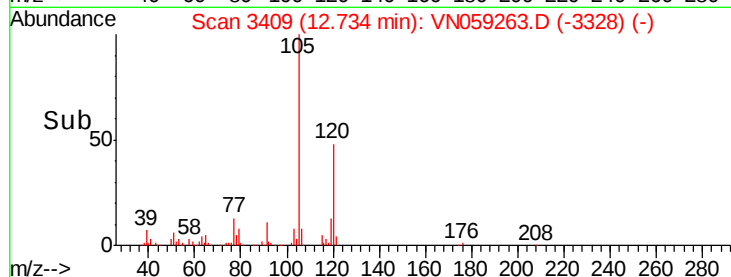
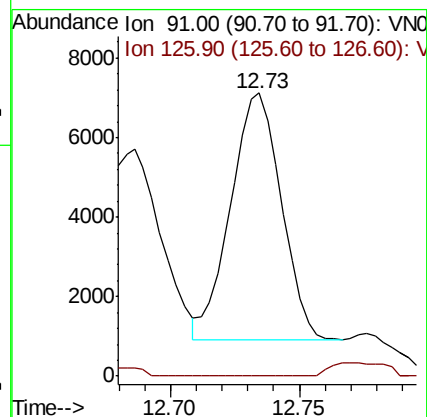
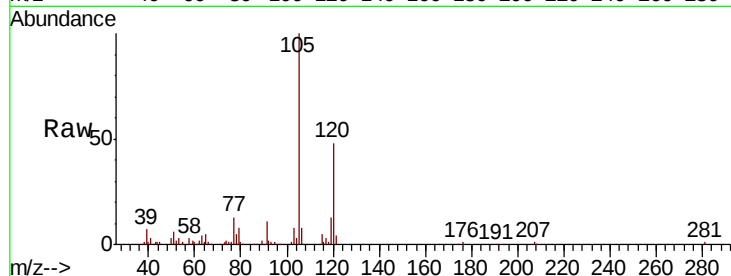
ClientSampled :

Tot Ion: 91 Resp: 8468

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.2#



#83

tert-Butylbenzene

Concen: 3.739 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.04 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

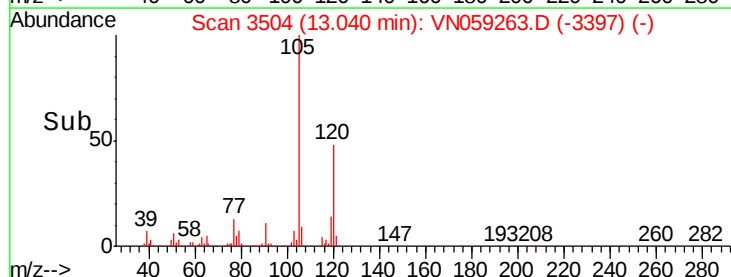
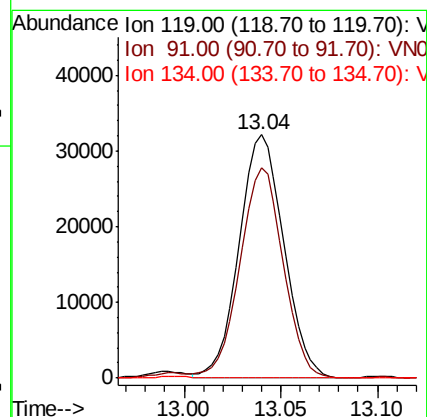
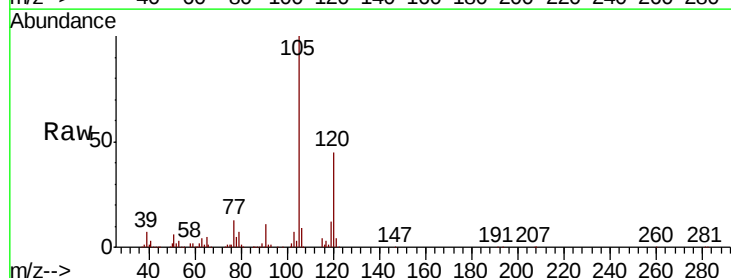
Tgt Ion: 119 Resp: 51733

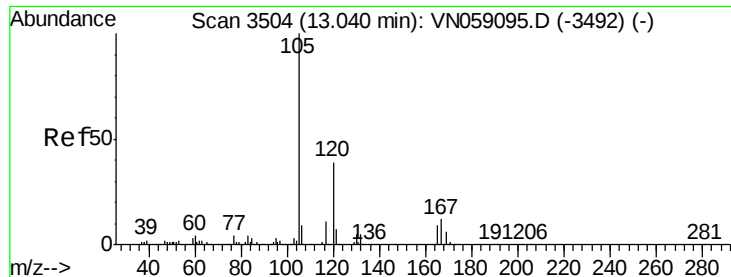
Ion Ratio Lower Upper

119 100

91 83.8 33.2 99.6

134 0.0 12.7 38.1#





#84

1,2,4-Trimethylbenzene

Concen: 26.580 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

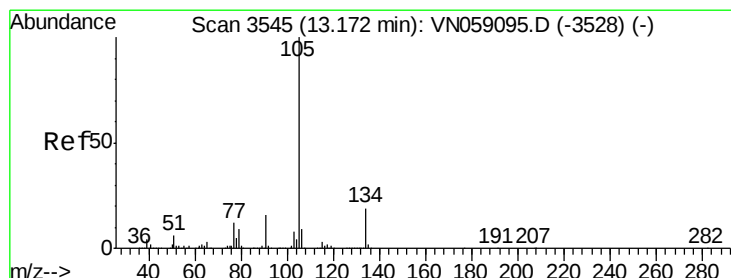
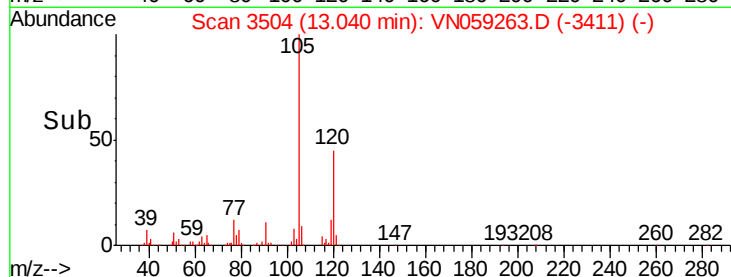
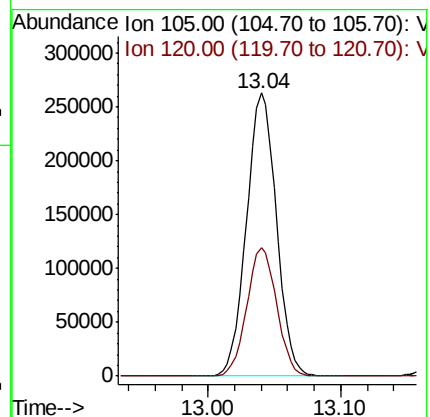
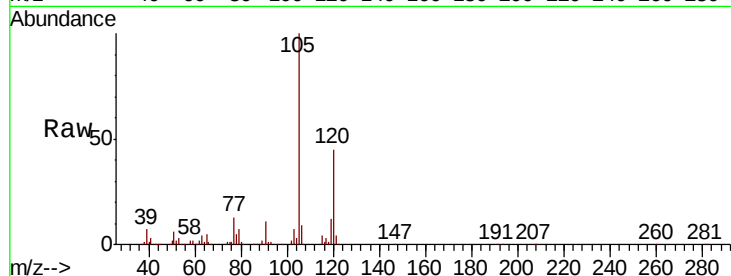
ClientSampleId :

Tot Ion:105 Resp: 411979

Ion Ratio Lower Upper

105 100

120 45.3 22.8 68.4



#85

sec-Butylbenzene

Concen: 0.903 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059263.D

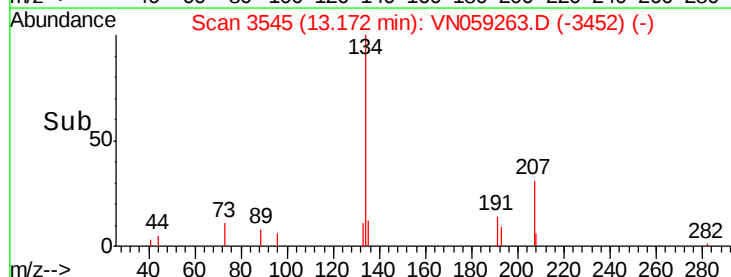
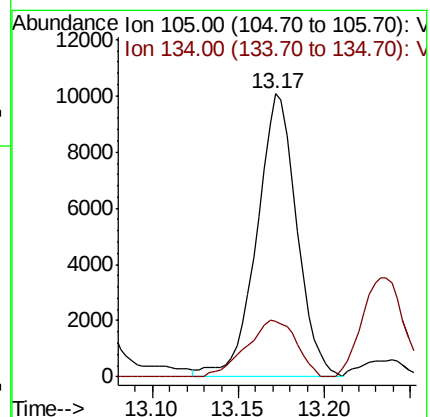
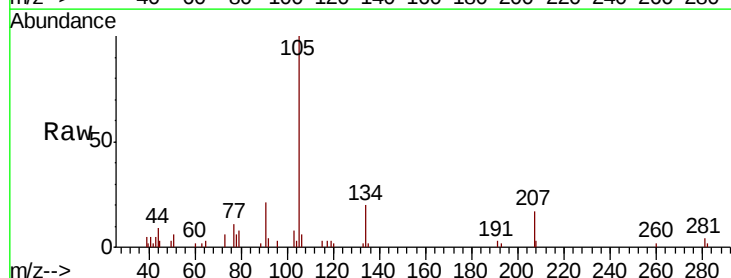
Acq: 15 Nov 2019 14:13

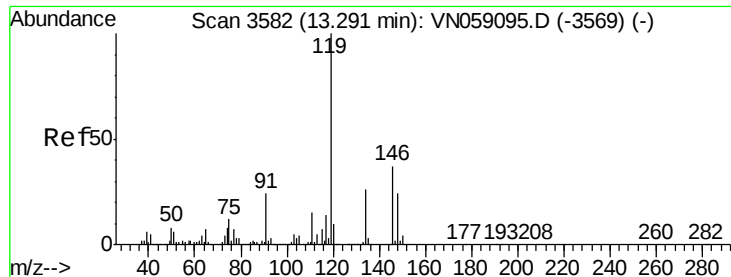
Tgt Ion:105 Resp: 16255

Ion Ratio Lower Upper

105 100

134 24.9 9.7 29.1

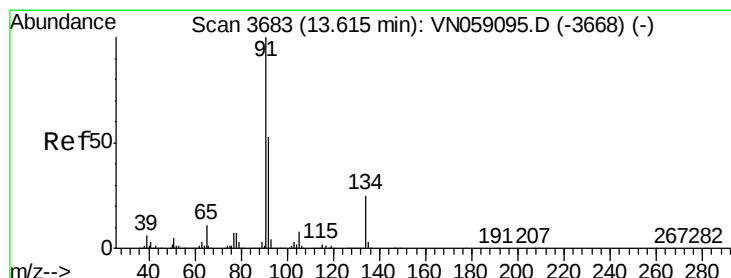
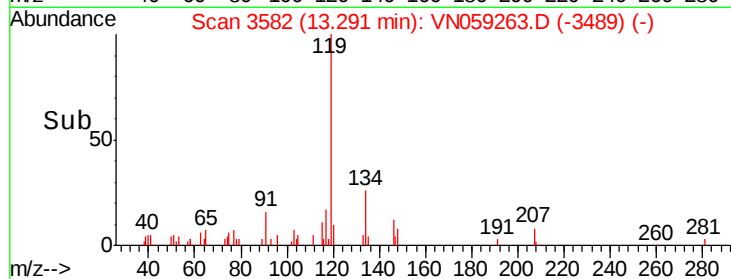
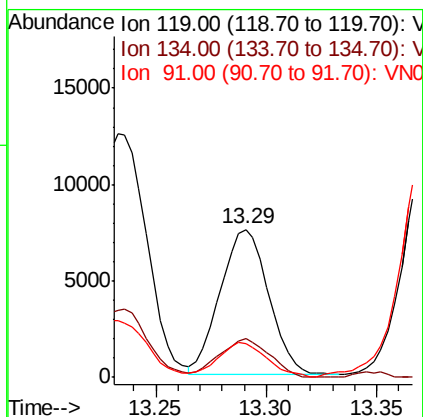
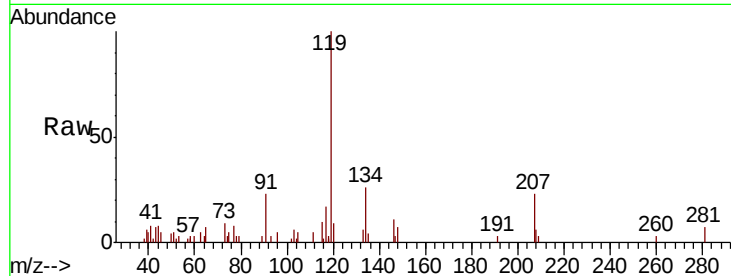




#86
 p-Isopropyltoluene
 Concen: 0.719 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

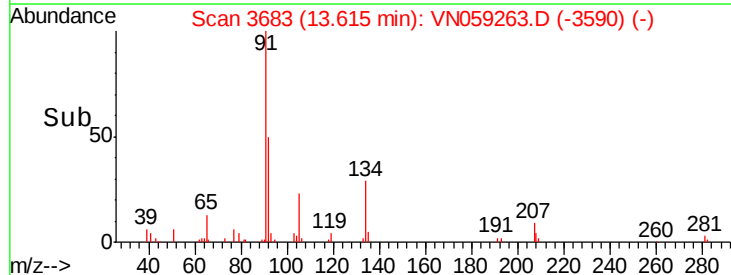
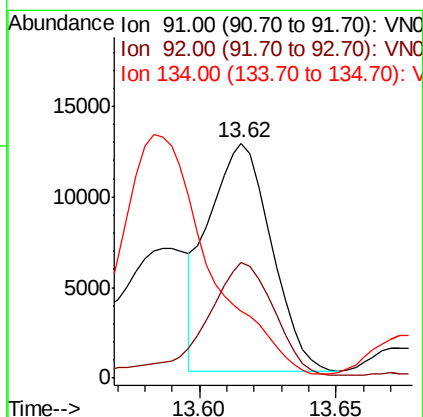
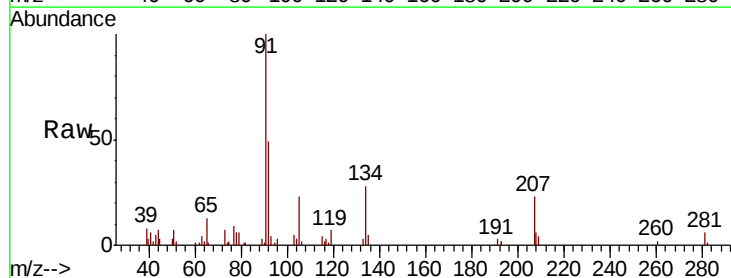
Instrument :
 MSVOA_N
 ClientSampleId :

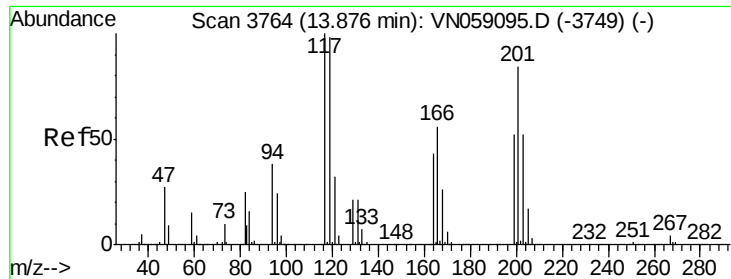
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.0	38.9
91	24.4	11.7	35.1



#89
 n-Butylbenzene
 Concen: 1.447 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.4	26.1	78.3
134	0.0	12.6	37.8

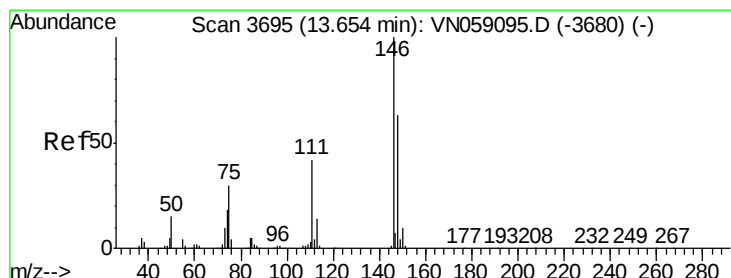
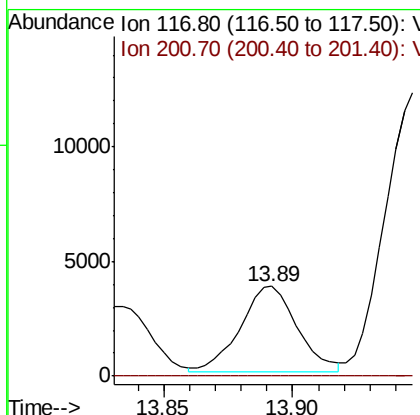
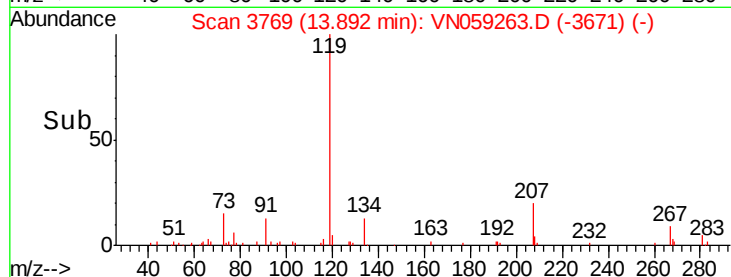
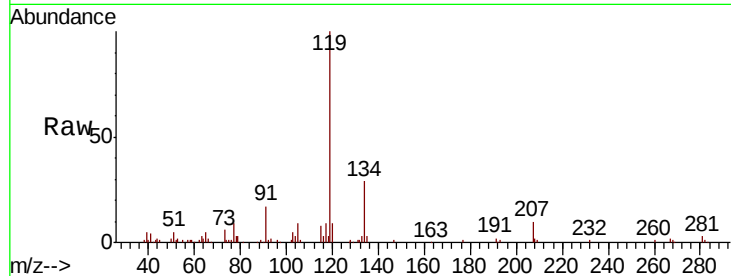




#90
Hexachloroethane
Concen: 1.805 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.02 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

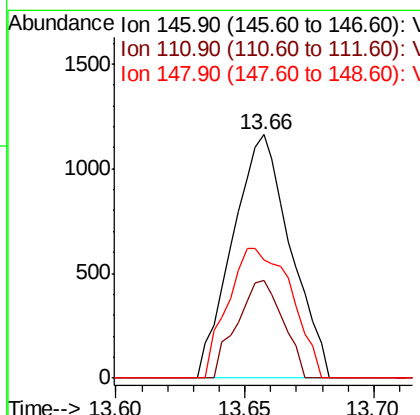
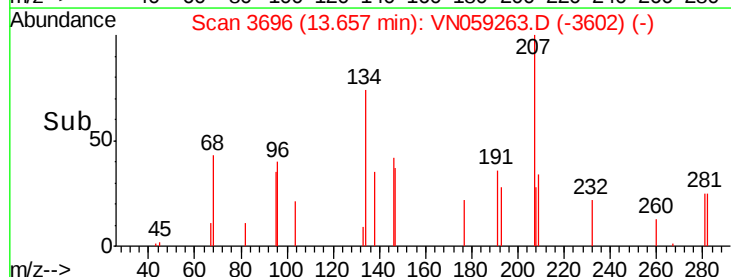
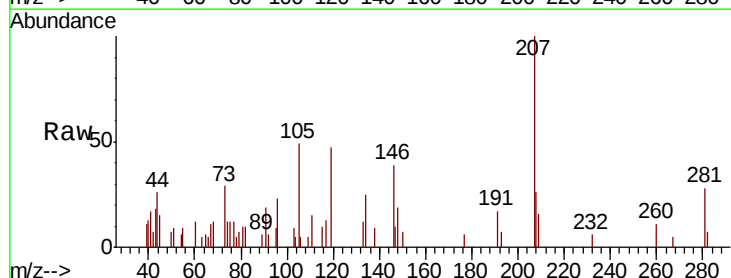
Instrument :
MSVOA_N
ClientSampled :

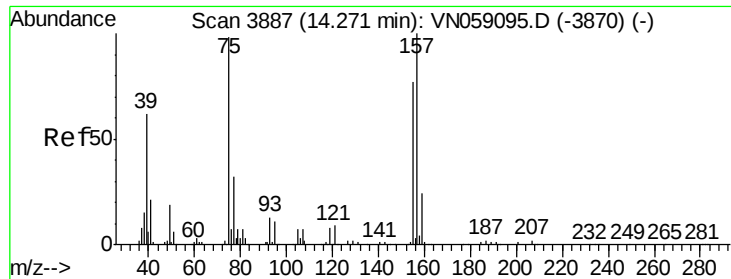
Tot Ion:117 Resp: 5757
Ion Ratio Lower Upper
117 100
201 0.0 41.8 125.3#



#91
1,2-Dichlorobenzene
Concen: 0.227 ug/l
RT: 13.66 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion:146 Resp: 1813
Ion Ratio Lower Upper
146 100
111 31.8 21.2 63.6
148 58.3 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.214 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampled :

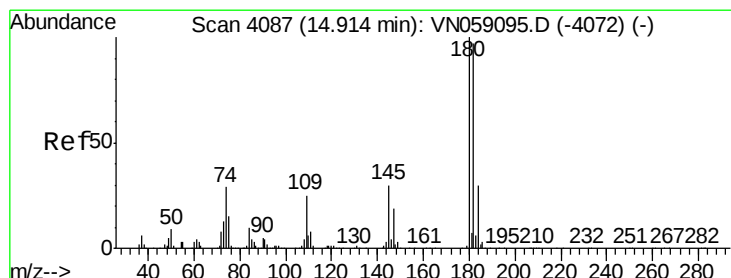
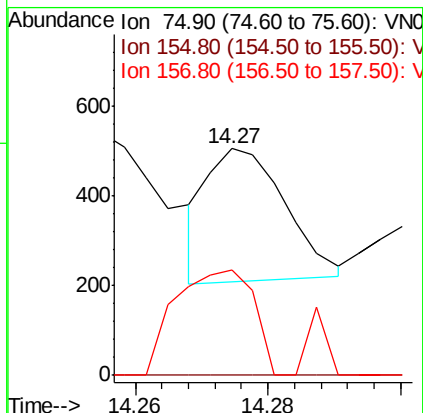
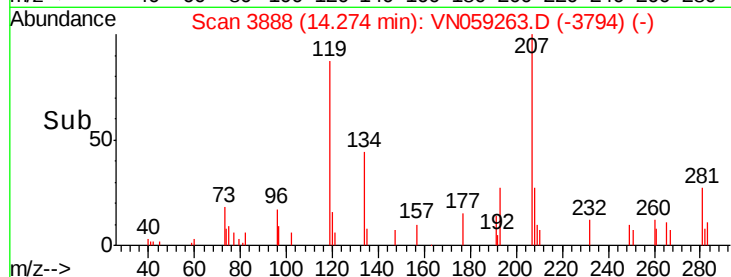
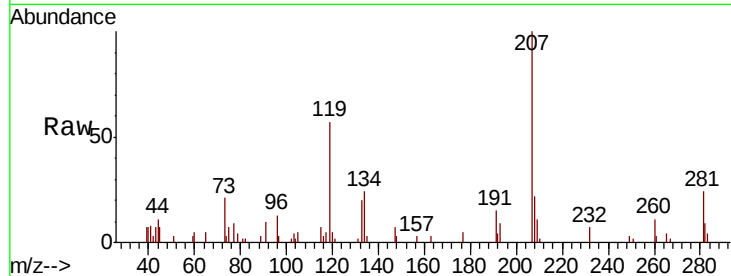
Tot Ion: 75 Resp: 241

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

157 80.1 51.8 155.5



#93

1,2,4-Trichlorobenzene

Concen: 3.857 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

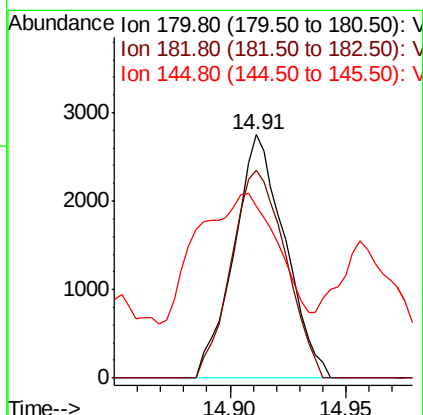
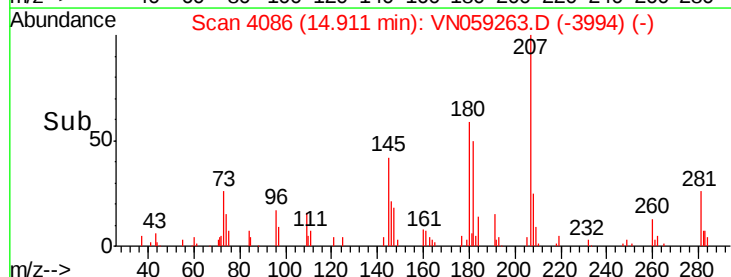
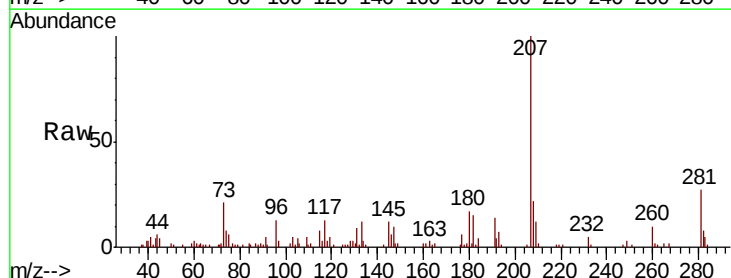
Tgt Ion: 180 Resp: 4191

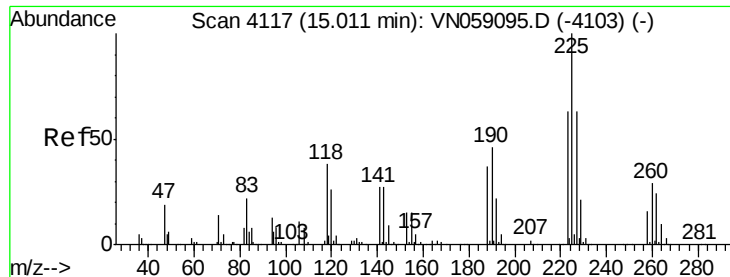
Ion Ratio Lower Upper

180 100

182 91.2 48.1 144.3

145 127.3 15.1 45.3#





#94

Hexachlorobutadiene

Concen: 0.267 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

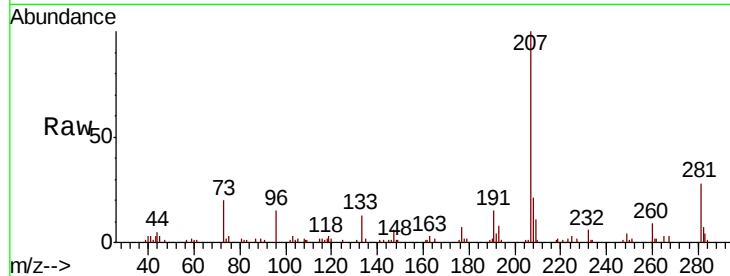
Tot Ion:225 Resp: 736

Ion Ratio Lower Upper

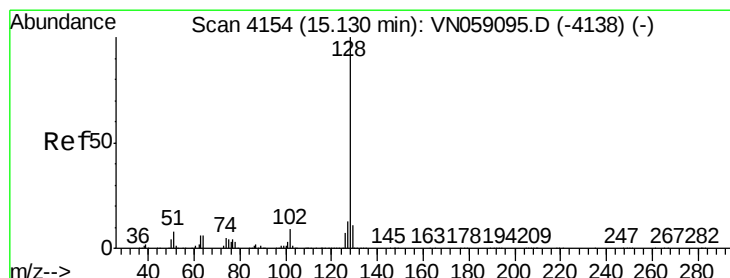
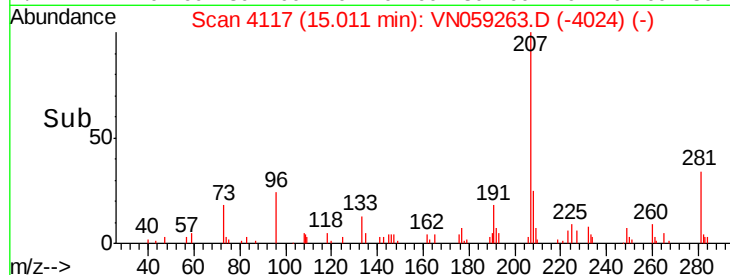
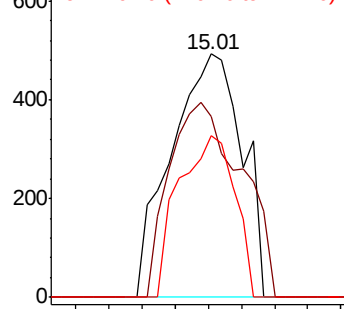
225 100

223 81.4 31.3 93.9

227 52.3 31.5 94.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 7.150 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

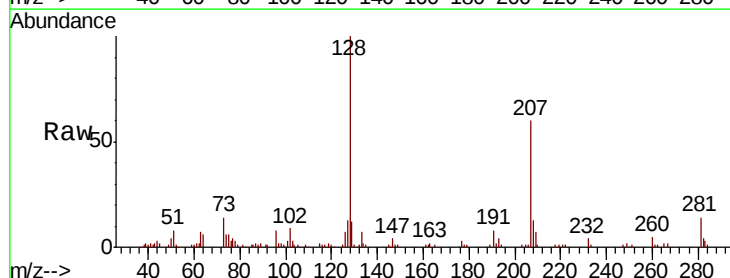
Tgt Ion:128 Resp: 58875

Ion Ratio Lower Upper

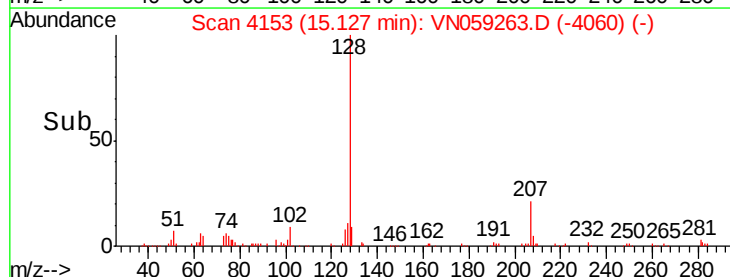
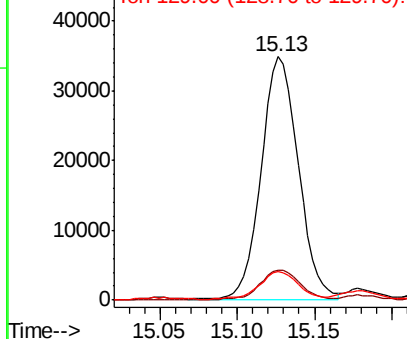
128 100

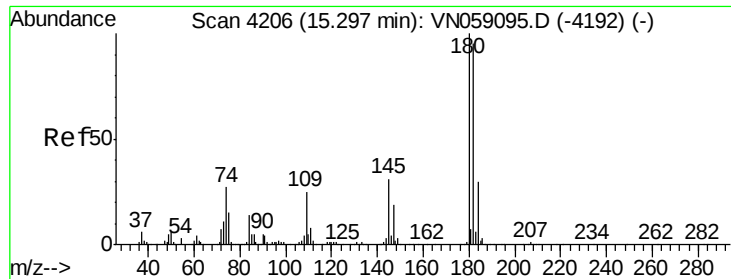
127 13.3 10.2 15.2

129 12.5 8.6 12.8



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

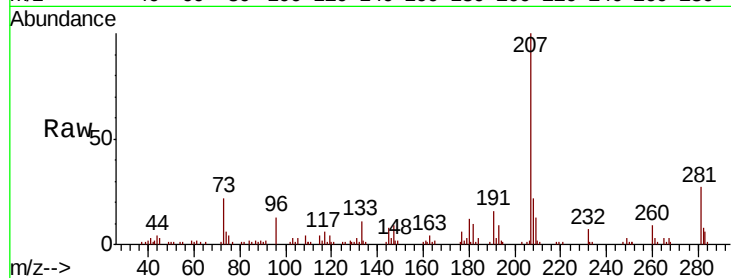




#96
 1,2,3-Trichlorobenzene
 Concen: 1.223 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	79.4	47.3	141.8
145	100.0	15.8	47.3#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

