

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059270.D
 Acq On : 15 Nov 2019 16:47
 Operator : JC/SP
 Sample : K5860-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 00:32:49 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	465275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	709002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	637113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	286262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	277221	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.57	113	220674	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.08	98	890639	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.40	95	315745	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1475	0.231	ug/l	89
11) Tert butyl alcohol	4.74	59	8885	8.151	ug/l #	91
13) Acrolein	3.59	56	877	1.561	ug/l #	60
14) Allyl chloride	4.03	41	51334	5.758	ug/l #	72
16) Acetone	3.79	43	274515	92.298	ug/l	97
17) Carbon Disulfide	4.03	76	3175	0.236	ug/l #	75
18) Methyl Acetate	4.30	43	20798	2.946	ug/l	98
25) 2-Butanone	6.81	43	33831	8.631	ug/l	97
31) Cyclohexane	7.64	56	11773	1.322	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	33013	4.982	ug/l #	51
37) Ethyl Acetate	6.91	43	4299	0.583	ug/l #	94
38) Carbon Tetrachloride	7.64	117	42400	6.428	ug/l #	17
39) Methylcyclohexane	9.07	83	2258	0.294	ug/l #	80
40) Benzene	8.02	78	2929896	146.814	ug/l	99
42) 1,2-Dichloroethane	8.02	62	23883	3.489	ug/l	76
43) Isopropyl Acetate	7.99	43	19532	1.662	ug/l #	55
48) Methyl methacrylate	9.15	41	5181	0.985	ug/l #	31
51) 4-Methyl-2-Pentanone	9.98	43	6538	0.983	ug/l	95
52) Toluene	10.14	92	2100451	175.603	ug/l	92
55) 1,1,2-Trichloroethane	10.40	97	155044	32.028	ug/l #	17
56) Ethyl methacrylate	10.41	69	9721	3.032	ug/l #	6
58) 2-Chloroethyl Vinyl ether	9.70	63	1564	0.581	ug/l #	50
59) 2-Hexanone	10.74	43	2405	0.471	ug/l #	24
67) Ethyl Benzene	11.51	91	475733	21.589	ug/l	99
68) m/p-Xylenes	11.61	106	1063776	128.876	ug/l	99
69) o-Xylene	11.94	106	868950	108.933	ug/l	97
70) Styrene	11.96	104	672238	53.584	ug/l	90
71) Bromoform	12.40	173	1637	0.452	ug/l #	1
73) Isopropylbenzene	12.25	105	20039	0.962	ug/l	98
76) 1,2,3-Trichloropropane	12.40	75	155849	23.913	ug/l #	100
78) n-propylbenzene	12.59	91	66315	2.781	ug/l	98
79) 2-Chlorotoluene	12.65	91	29169	1.972	ug/l #	47
80) 1,3,5-Trimethylbenzene	12.73	105	200548	11.366	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	155849	63.162	ug/l #	15

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

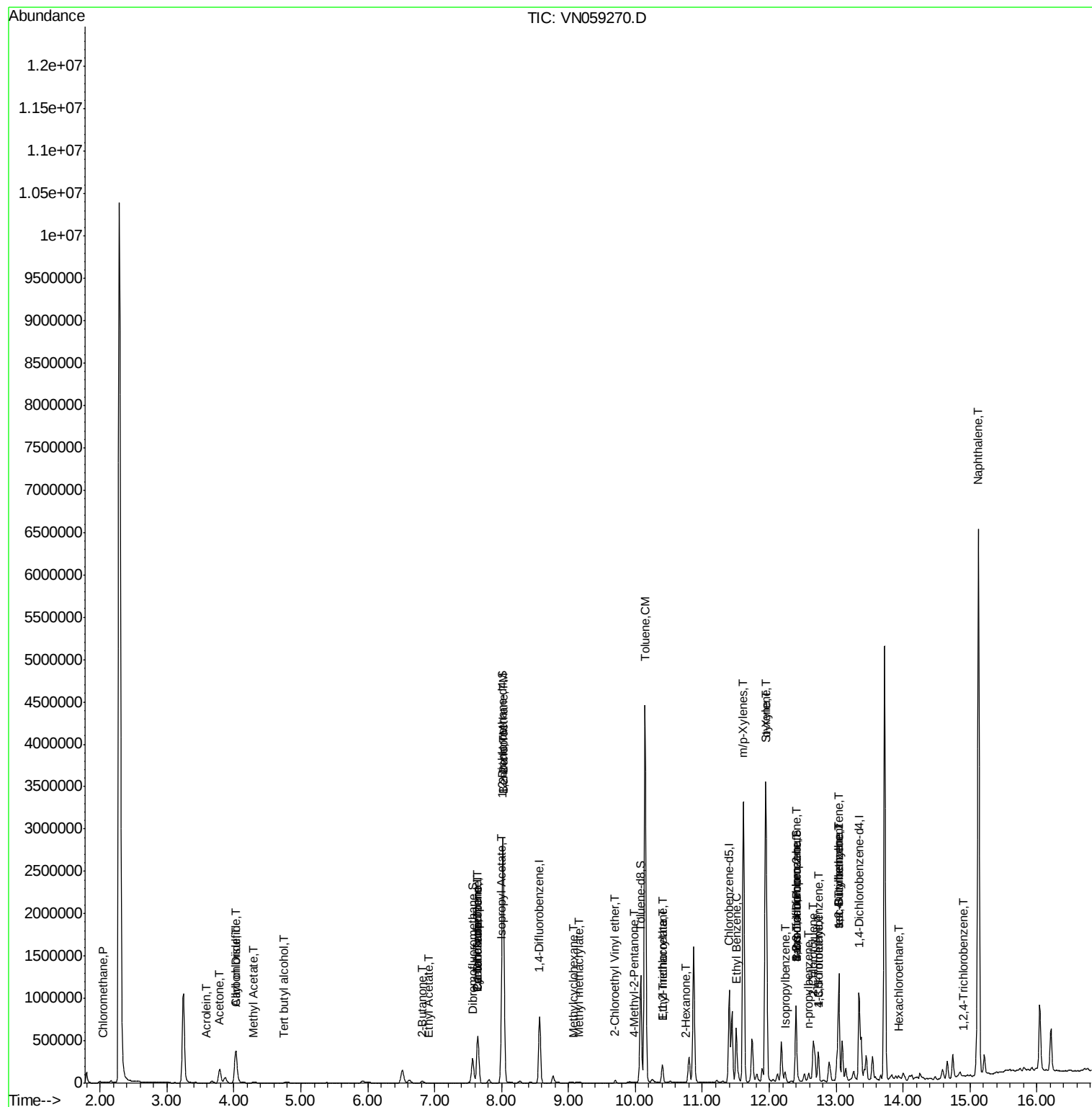
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.73	91	20378	1.374	ug/l #	43
83) tert-Butylbenzene	13.04	119	86107	5.651	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.04	105	715755	41.929	ug/l	99
85) sec-Butylbenzene	13.04	105	715755	36.119	ug/l #	57
90) Hexachloroethane	13.94	117	8626	2.455	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.91	180	297	3.099	ug/l #	1
95) Naphthalene	15.13	128	4949845	316.405	ug/l #	91

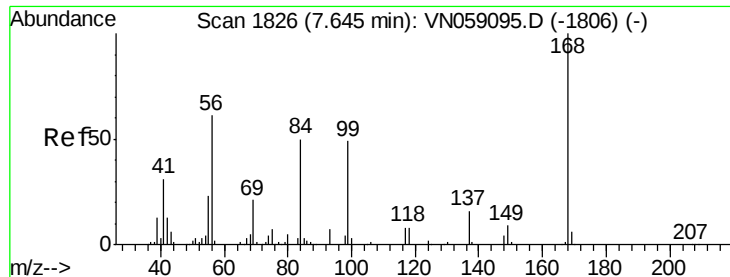
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059270.D

Acq: 15 Nov 2019 16:47

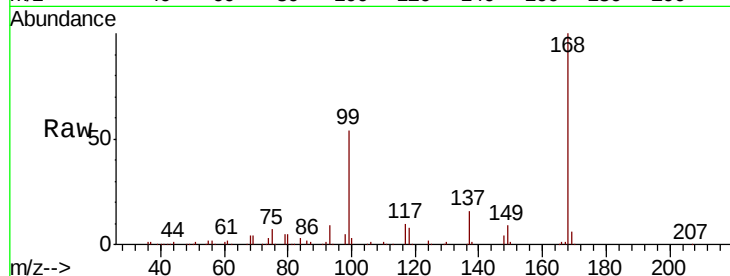
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 465275

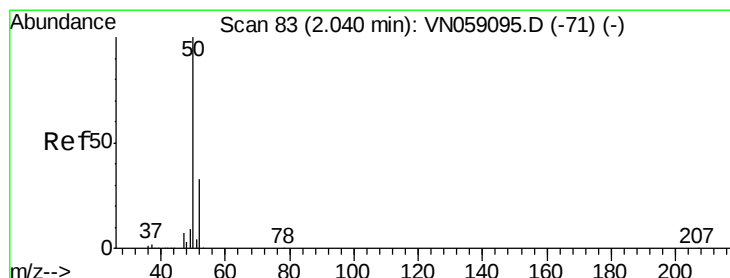
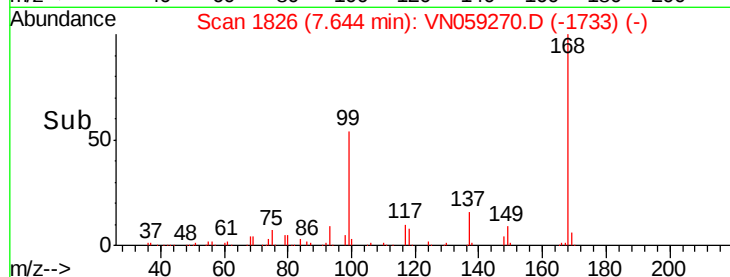
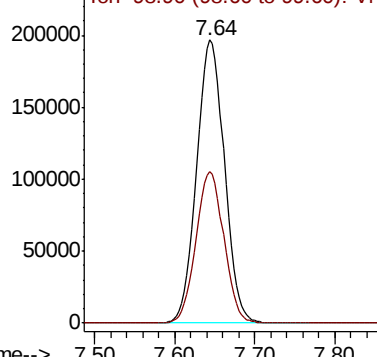
Ion Ratio Lower Upper

168 100

99 53.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.231 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059270.D

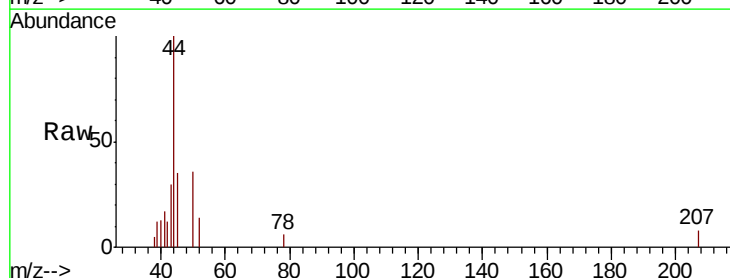
Acq: 15 Nov 2019 16:47

Tgt Ion: 50 Resp: 1475

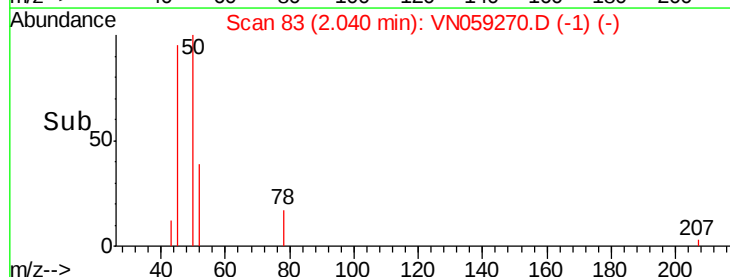
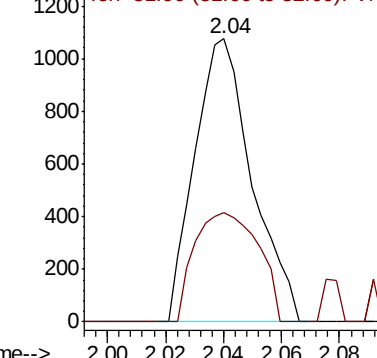
Ion Ratio Lower Upper

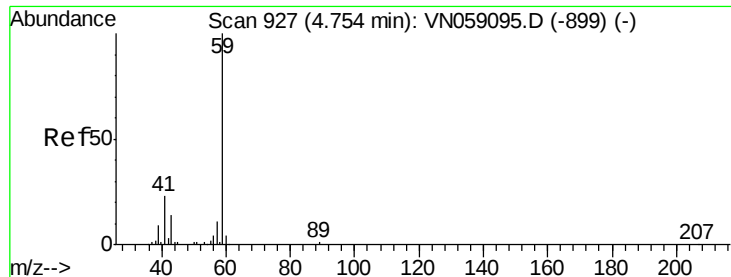
50 100

52 38.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN
Ion 51.90 (51.60 to 52.60): VN

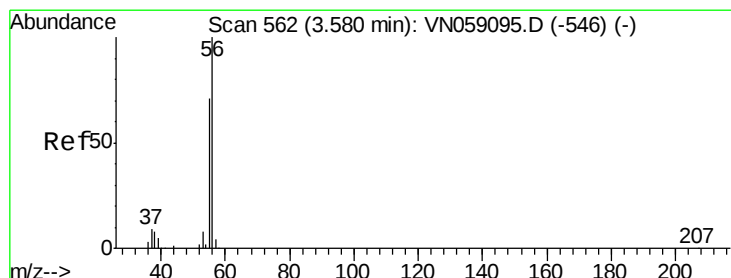
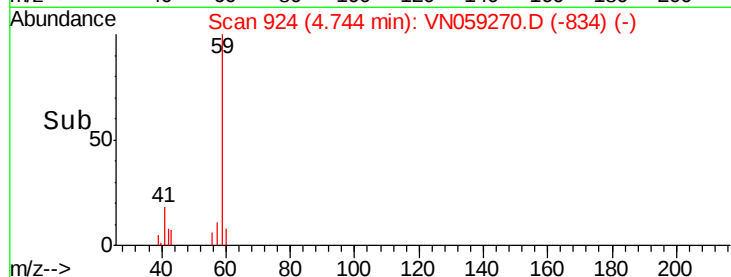
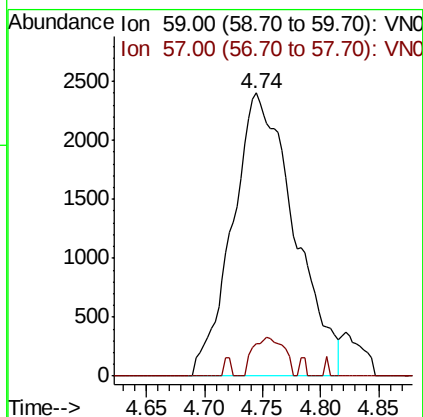
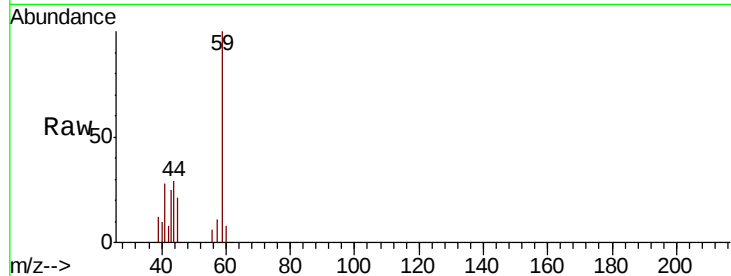




#11
Tert butyl alcohol
Concen: 8.151 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.01 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

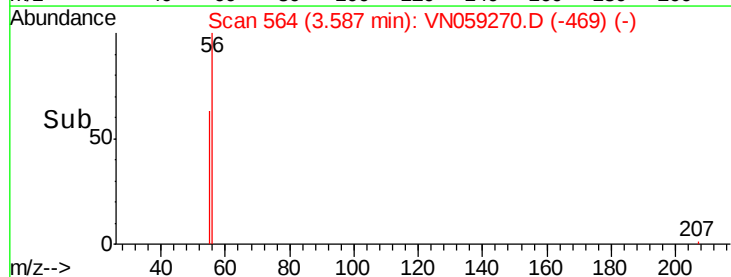
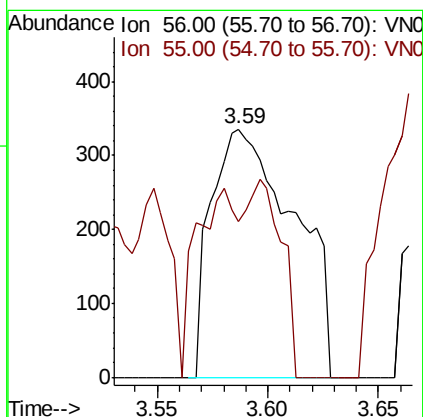
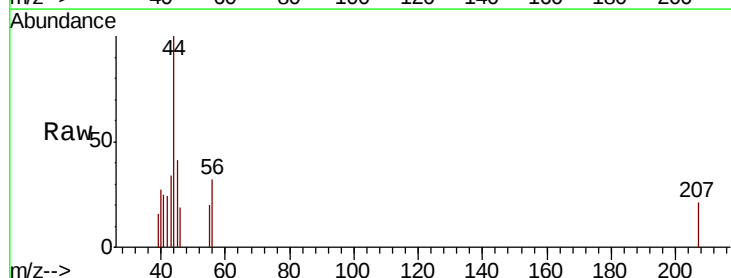
Instrument :
MSVOA_N
ClientSampled :

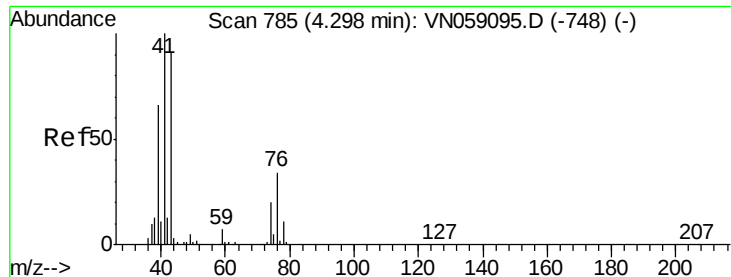
Tot Ion: 59 Resp: 8885
Ion Ratio Lower Upper
59 100
57 6.9 8.3 12.5#



#13
Acrolein
Concen: 1.561 ug/l
RT: 3.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Tgt Ion: 56 Resp: 877
Ion Ratio Lower Upper
56 100
55 37.9 56.4 84.6#





#14

Allvl chloride

Concen: 5.758 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.27 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

ClientSampled :

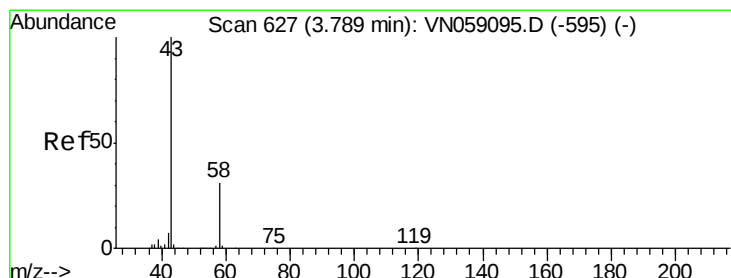
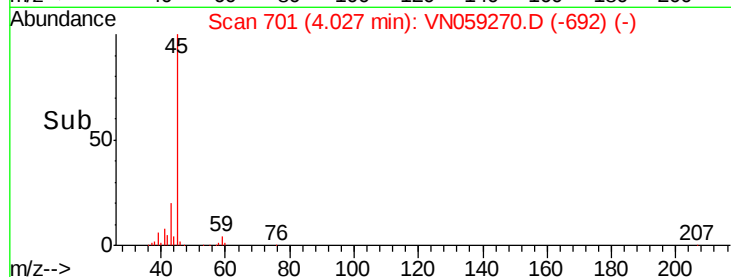
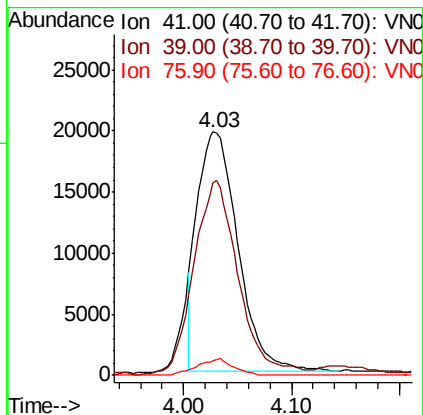
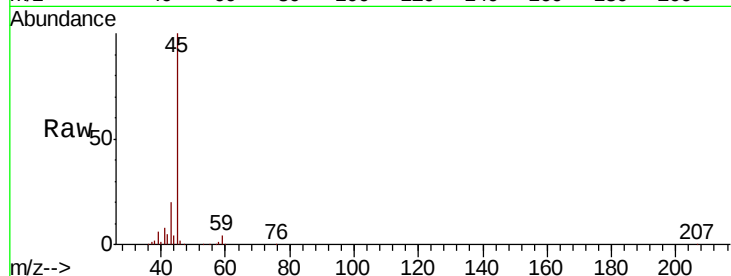
Tot Ion: 41 Resp: 51334

Ion Ratio Lower Upper

41 100

39 75.4 49.1 73.7#

76 5.6 24.9 37.3#



#16

Acetone

Concen: 92.298 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059270.D

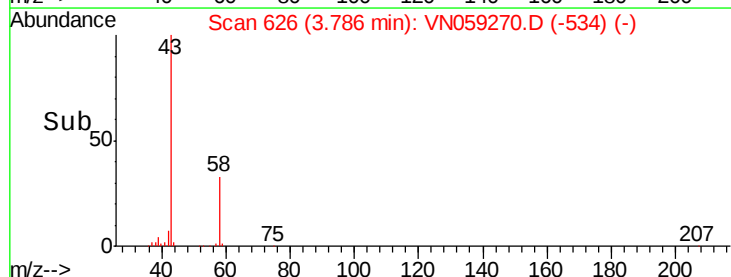
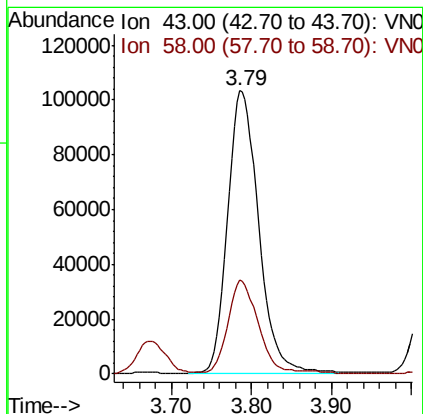
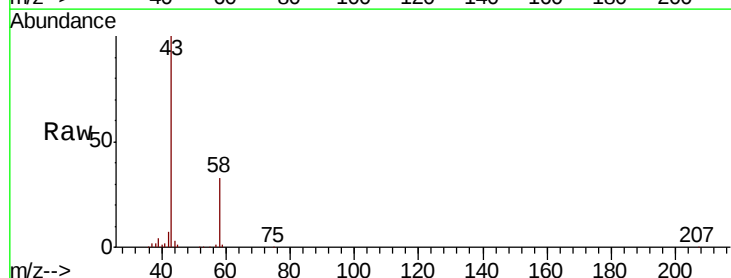
Acq: 15 Nov 2019 16:47

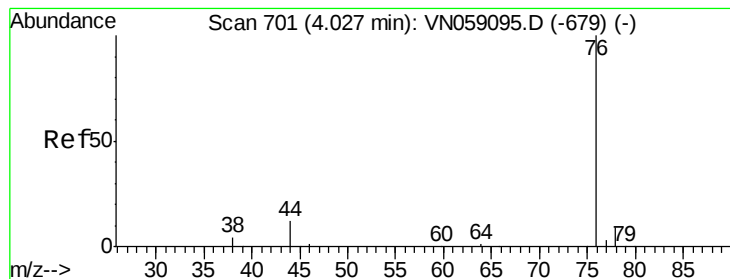
Tgt Ion: 43 Resp: 274515

Ion Ratio Lower Upper

43 100

58 32.7 24.9 37.3





#17

Carbon Disulfide

Concen: 0.236 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

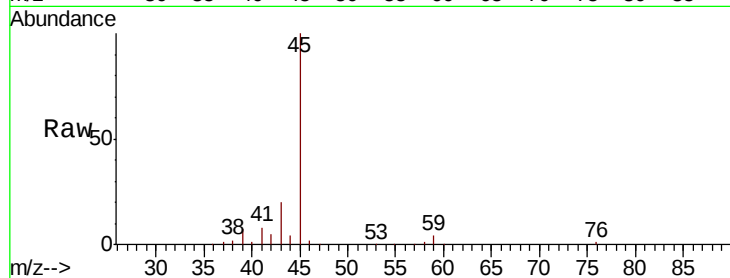
ClientSampled :

Tot Ion: 76 Resp: 3175

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

4.03

1500

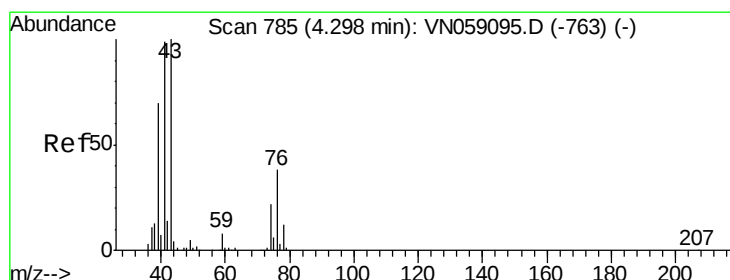
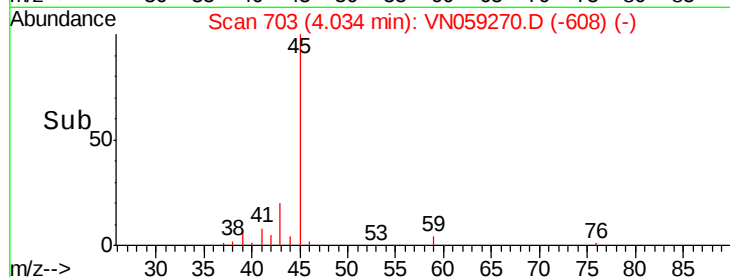
1000

500

0

3.95 4.00 4.05 4.10

Time-->



#18

Methyl Acetate

Concen: 2.946 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059270.D

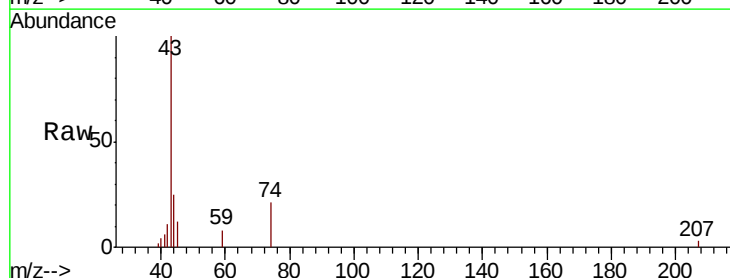
Acq: 15 Nov 2019 16:47

Tgt Ion: 43 Resp: 20798

Ion Ratio Lower Upper

43 100

74 21.1 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.30

8000

6000

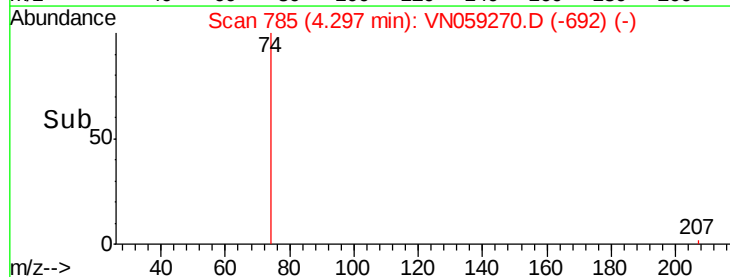
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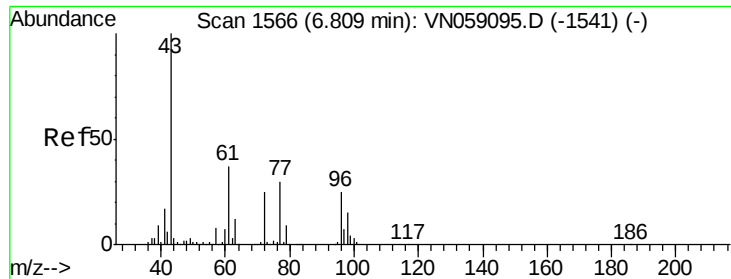
2000

0

4.20 4.30 4.40

Time-->

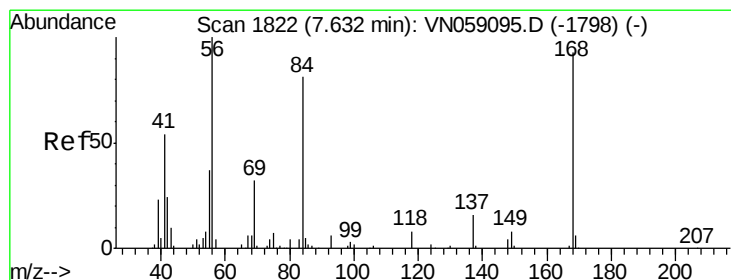
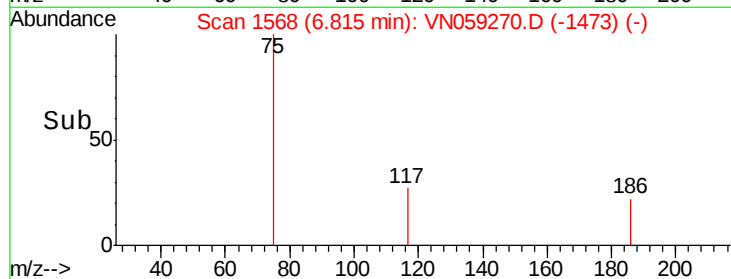
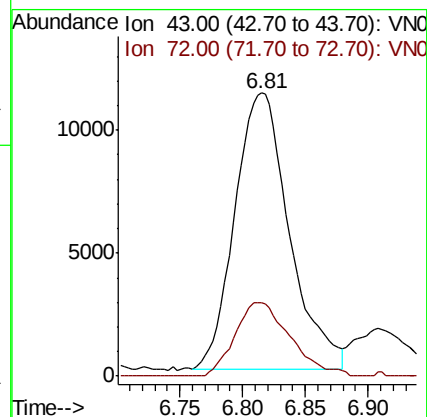
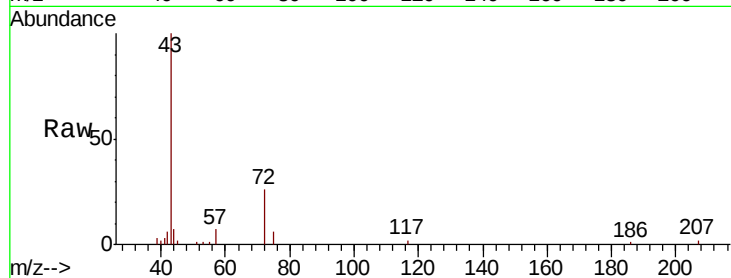




#25
2-Butanone
Concen: 8.631 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

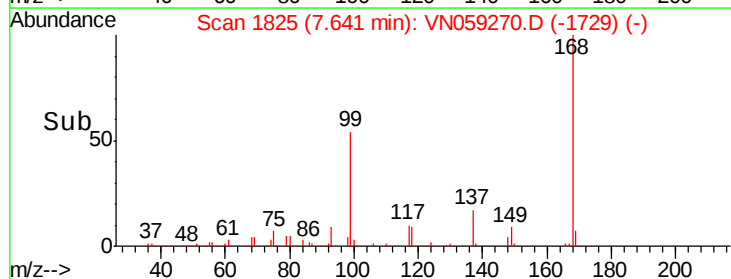
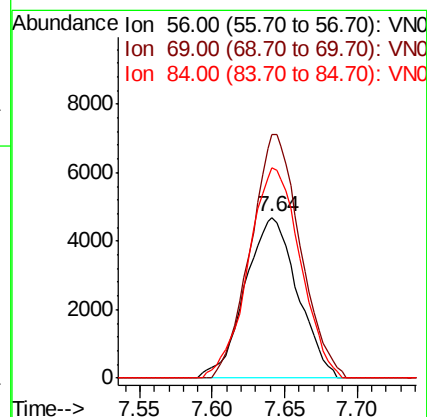
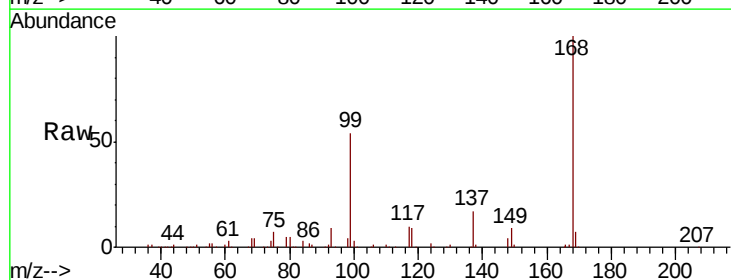
Instrument :
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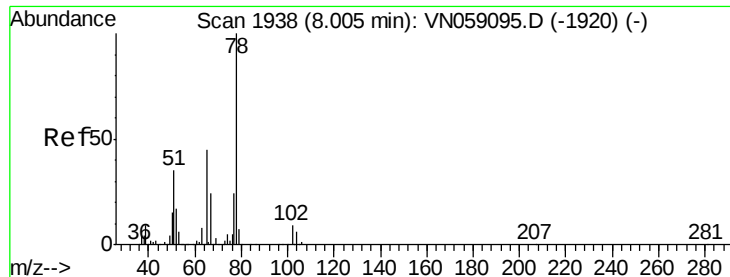
Tot Ion: 43 Resp: 33831
Ion Ratio Lower Upper
43 100
72 26.7 20.3 30.5



#31
Cyclohexane
Concen: 1.322 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Tgt Ion: 56 Resp: 11773
Ion Ratio Lower Upper
56 100
69 151.0 25.8 38.8#
84 130.9 65.0 97.4#

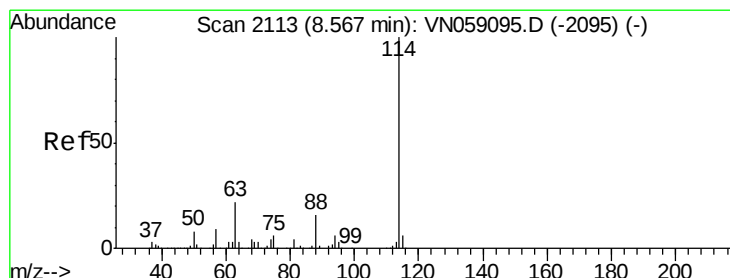
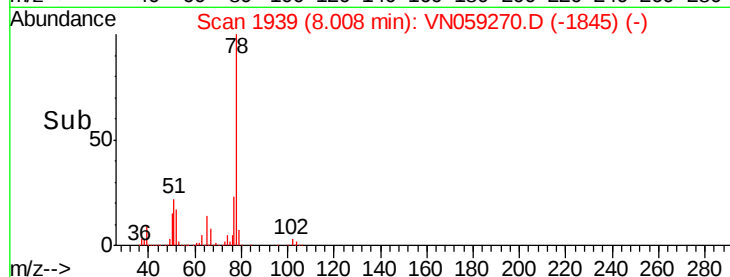
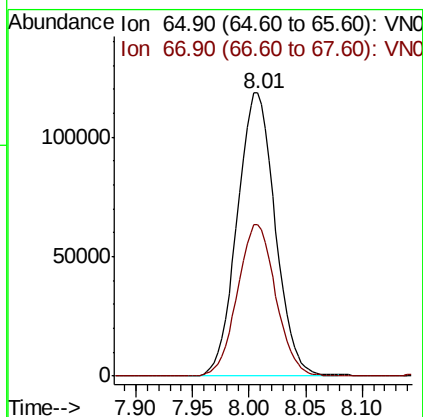
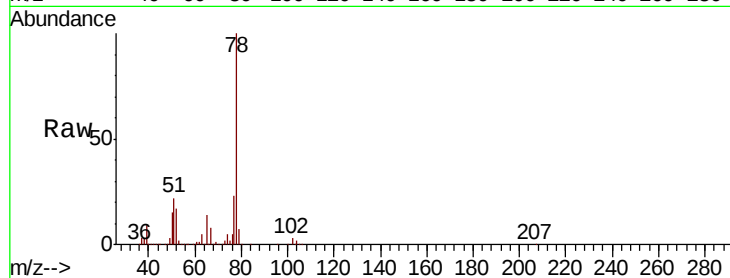




#33
 1,2-Dichloroethane-d4
 Concen: 48.470 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059270.D
 Acq: 15 Nov 2019 16:47

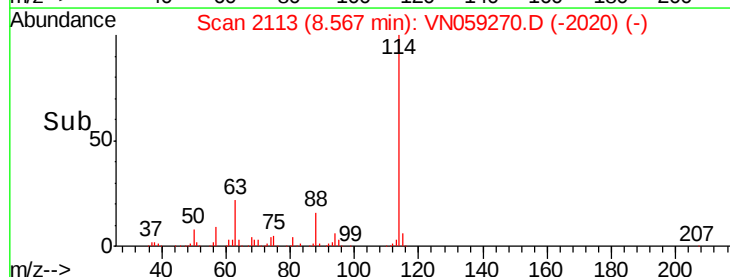
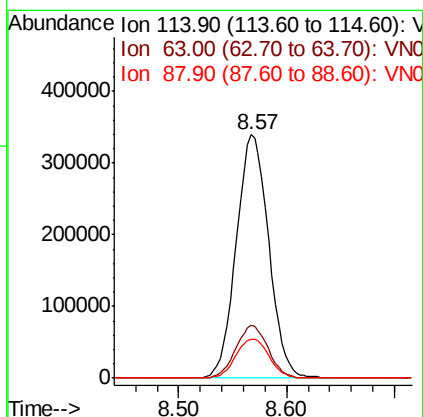
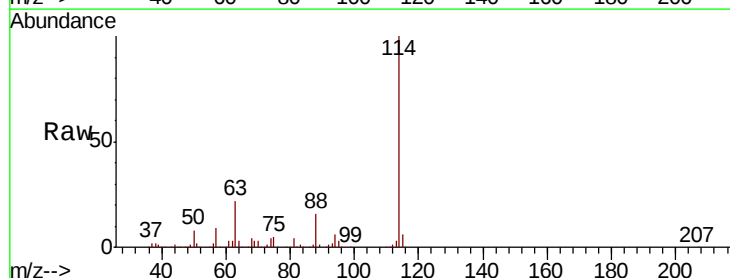
Instrument :
 MSVOA_N
 ClientSampleId :

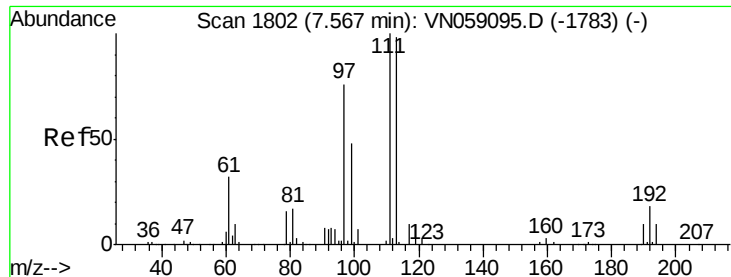
Tot Ion: 65 Resp: 277221
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059270.D
 Acq: 15 Nov 2019 16:47

Tgt Ion: 114 Resp: 709002
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.1 0.0 32.2

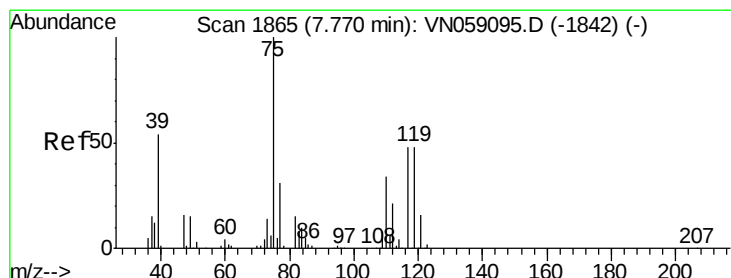
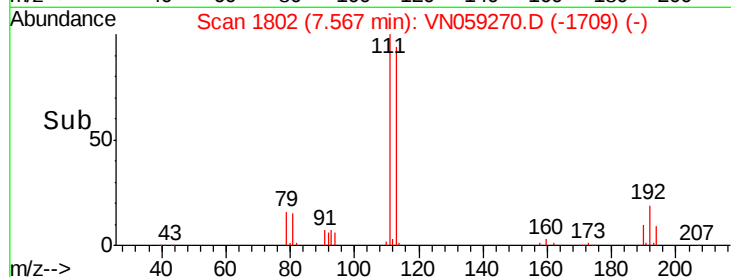
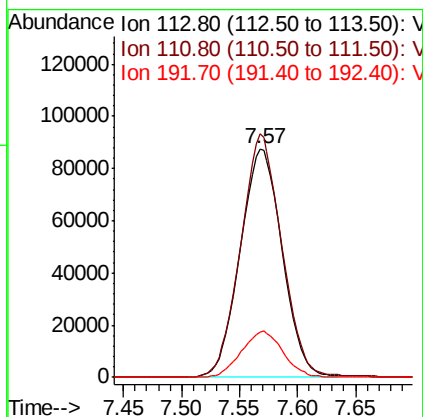
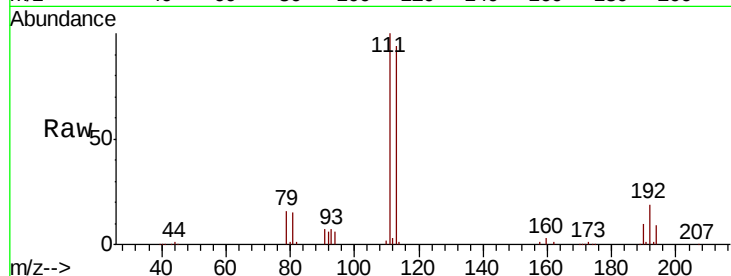




#35
Dibromofluoromethane
Concen: 52.126 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

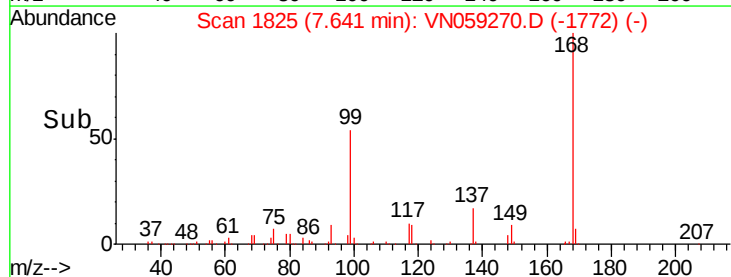
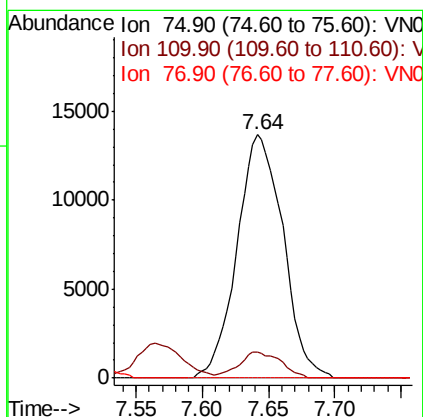
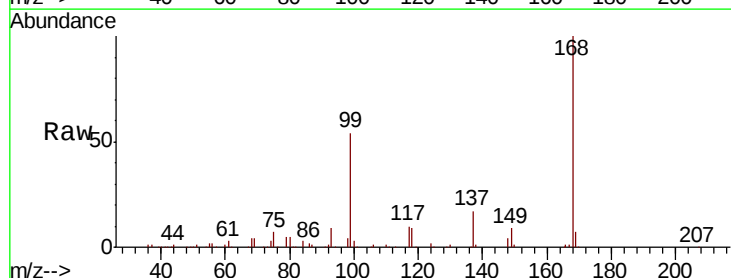
Instrument :
MSVOA_N
ClientSampleId :

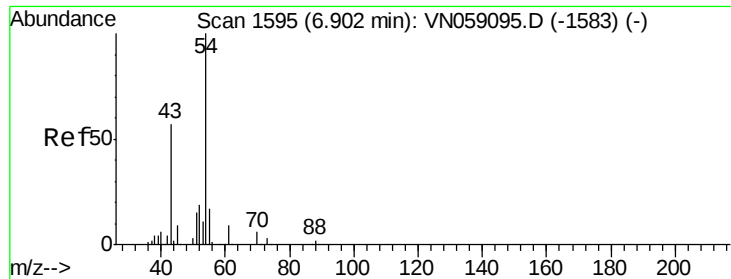
Tot Ion:113 Resp: 220674
Ion Ratio Lower Upper
113 100
111 104.6 82.8 124.2
192 20.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.982 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Tgt Ion: 75 Resp: 33013
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.8 37.2#

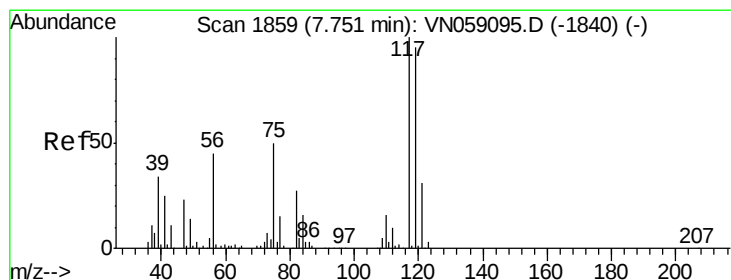
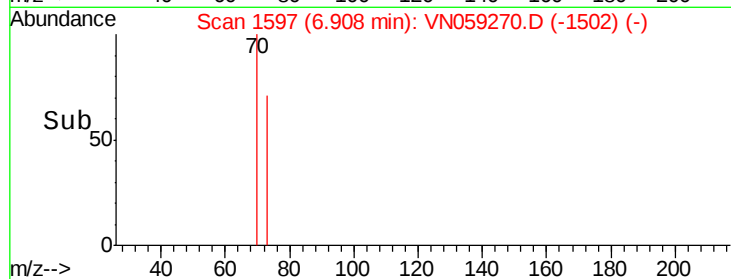
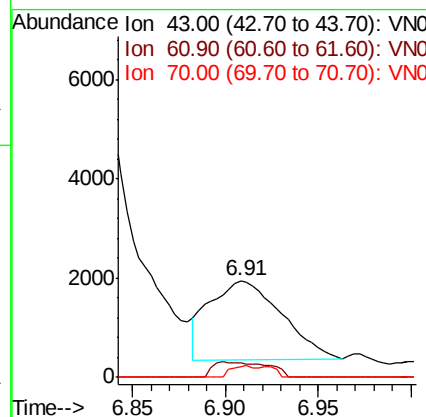
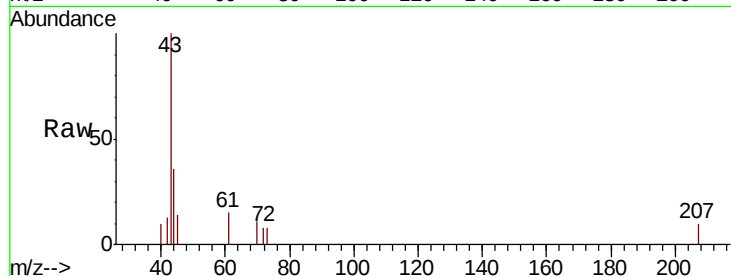




#37
Ethyl Acetate
Concen: 0.583 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

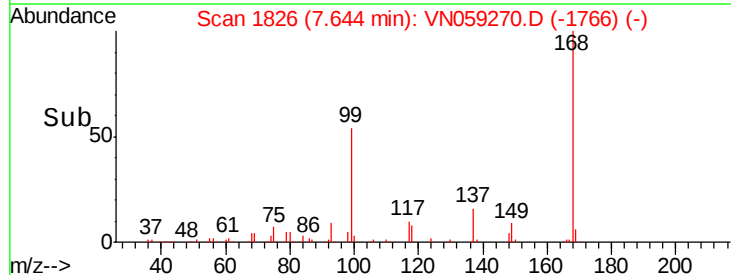
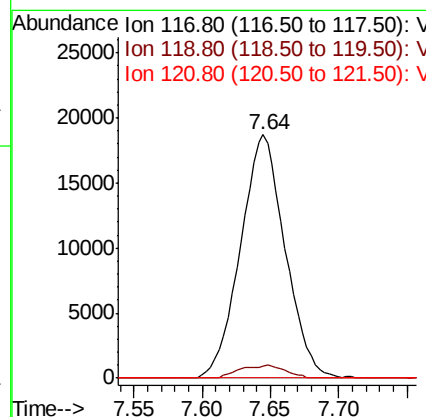
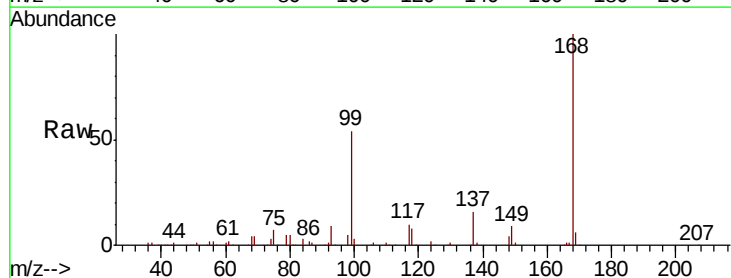
Instrument :
MSVOA_N
ClientSampled :

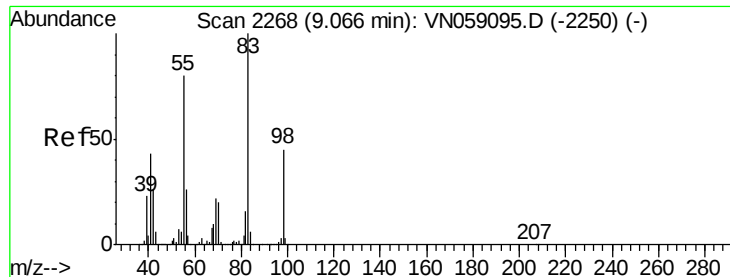
Tot Ion: 43 Resp: 4299
Ion Ratio Lower Upper
43 100
61 14.9 11.2 16.8
70 5.4 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 6.428 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Tgt Ion: 117 Resp: 42400
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 24.6 36.8#

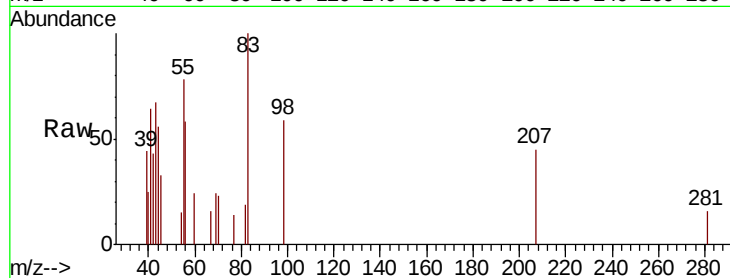




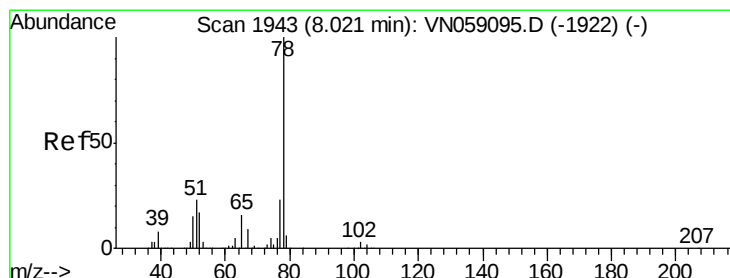
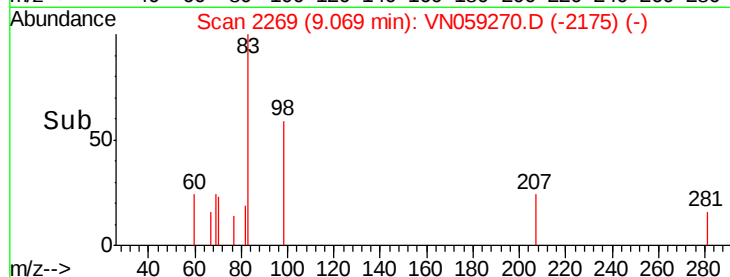
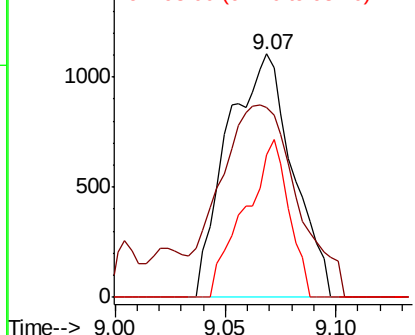
#39
Methvlcvclohexane
Concen: 0.294 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 2258
Ion Ratio Lower Upper
83 100
55 63.3 63.9 95.9#
98 58.6 35.6 53.4#

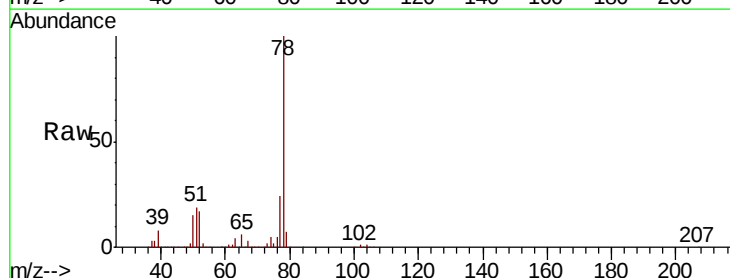


Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

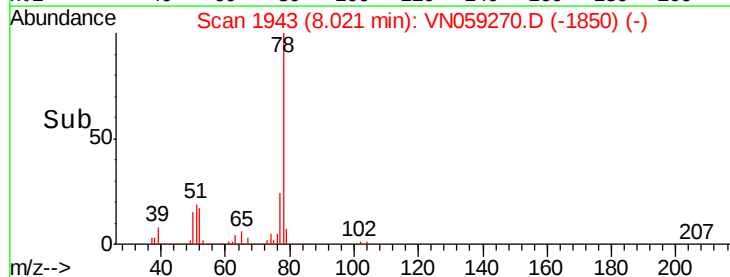
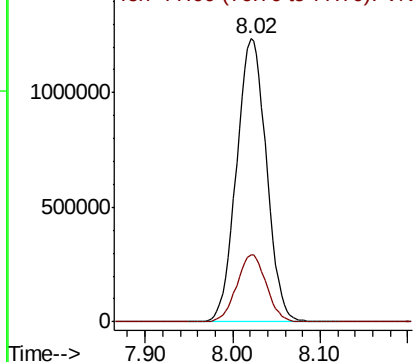


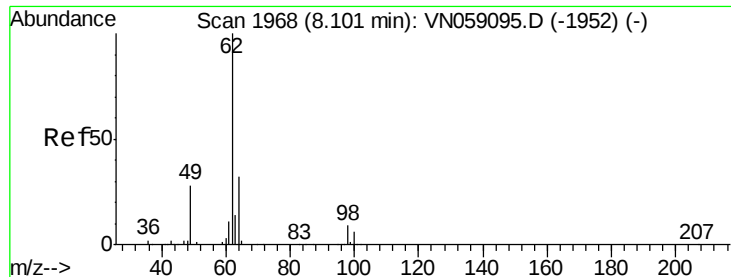
#40
Benzene
Concen: 146.814 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Tgt Ion: 78 Resp: 2929896
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VNC
Ion 77.00 (76.70 to 77.70): VNC





#42

1,2-Dichloroethane

Concen: 3.489 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.08 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

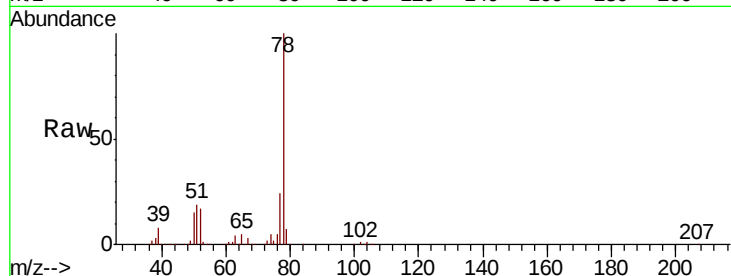
ClientSampleId :

Tot Ion: 62 Resp: 23883

Ion Ratio Lower Upper

62 100

98 0.3 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VN059270.D (-1875) (-)

Ion 97.90 (97.60 to 98.60): VN059270.D (-1875) (-)

8.02

12000

10000

8000

6000

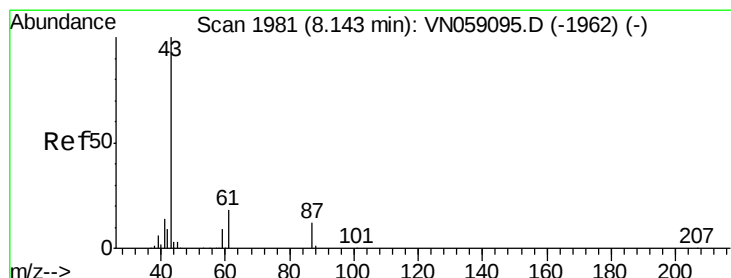
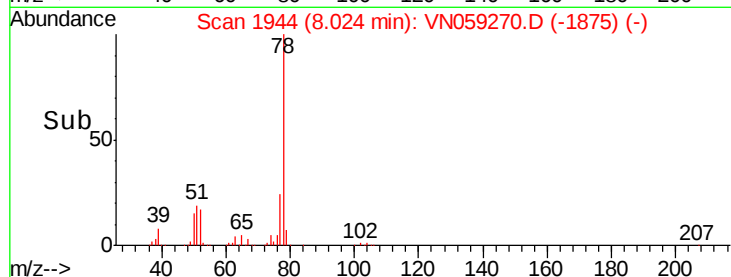
4000

2000

0

Time-->

7.95 8.00 8.05 8.10



#43

Isopropyl Acetate

Concen: 1.662 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.15 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

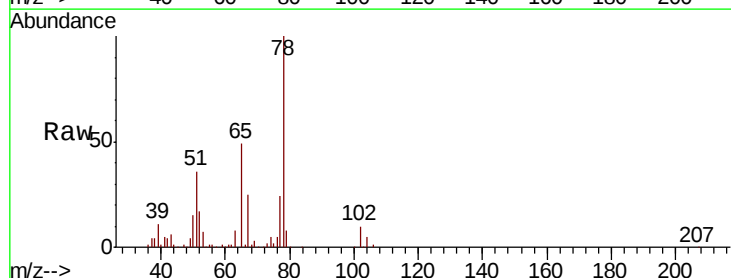
Tgt Ion: 43 Resp: 19532

Ion Ratio Lower Upper

43 100

61 0.0 21.0 31.6#

87 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VN059270.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059270.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059270.D (-1888) (-)

12000

10000

8000

6000

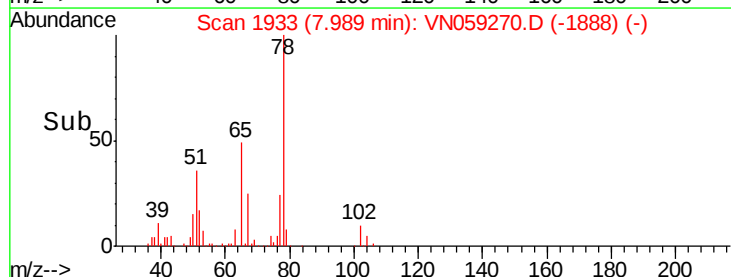
4000

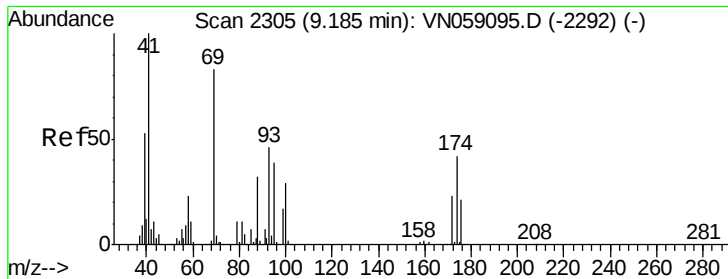
2000

0

Time-->

7.90 7.95 8.00 8.05

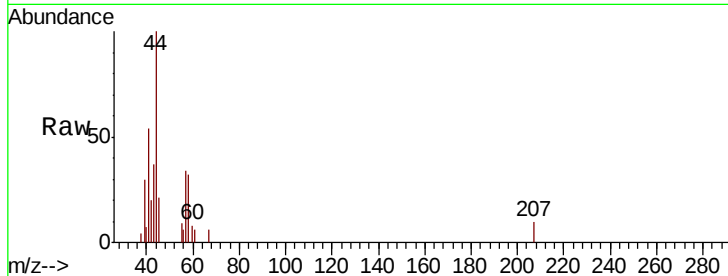




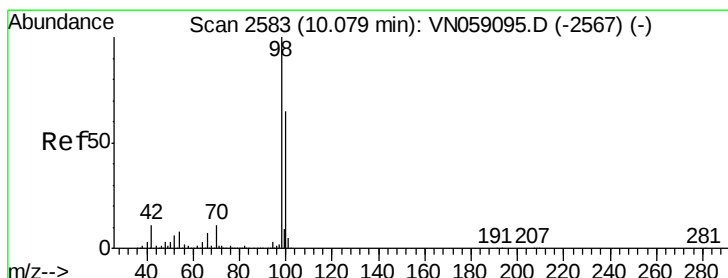
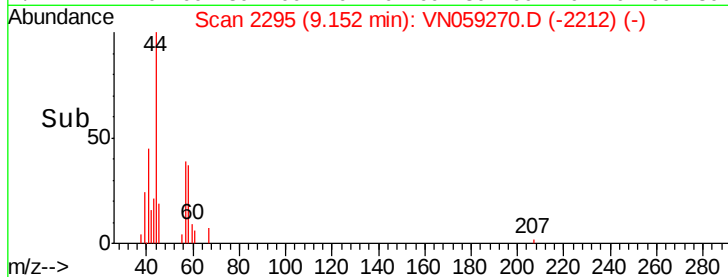
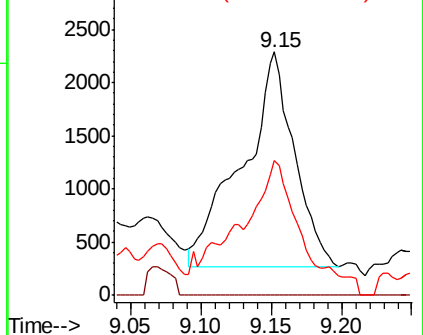
#48
Methvl methacrylate
Concen: 0.985 ug/l
RT: 9.15 min Scan# 2295
Delta R.T. -0.03 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 5181
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 76.9 43.3 64.9#

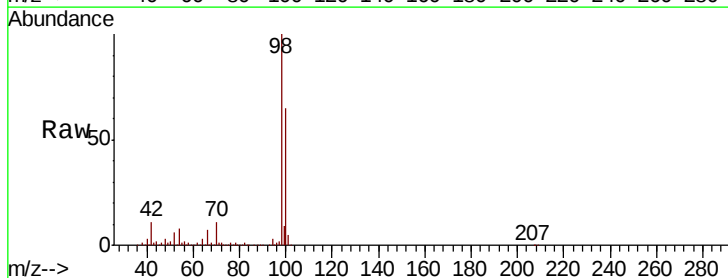


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

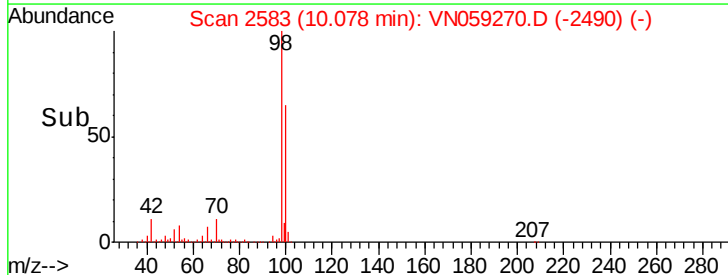
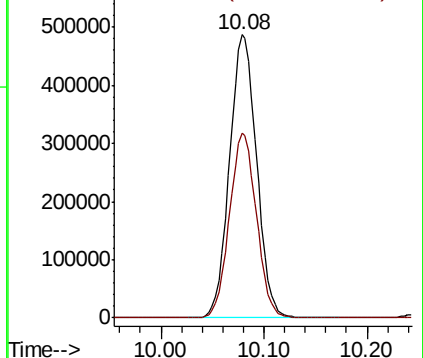


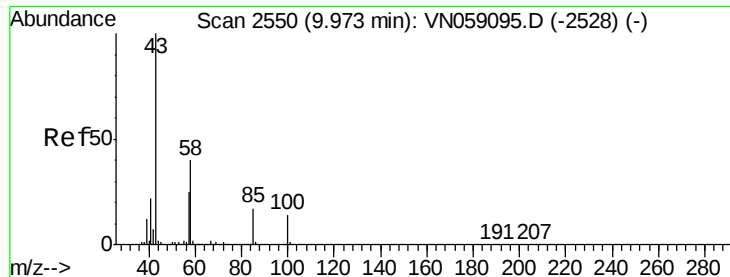
#50
Toluene-d8
Concen: 53.411 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Tgt Ion: 98 Resp: 890639
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 0.983 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

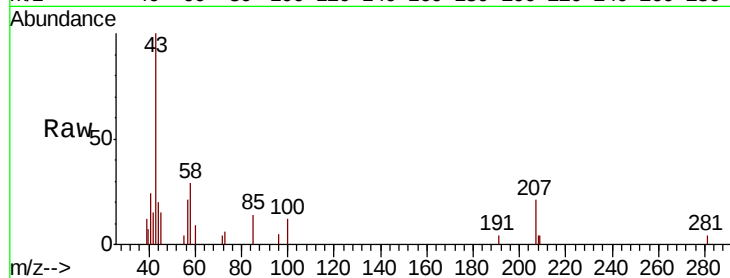
ClientSampled :

Tot Ion: 43 Resp: 6538

Ion Ratio Lower Upper

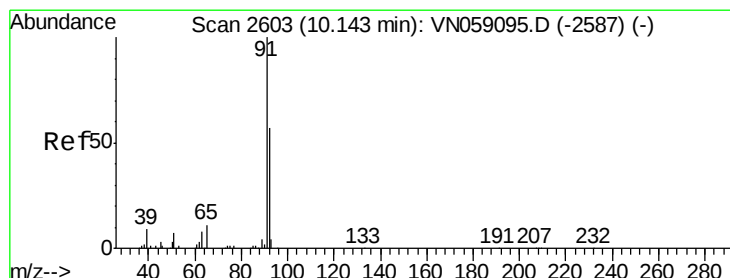
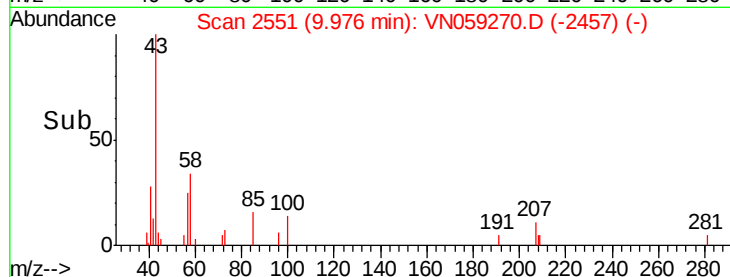
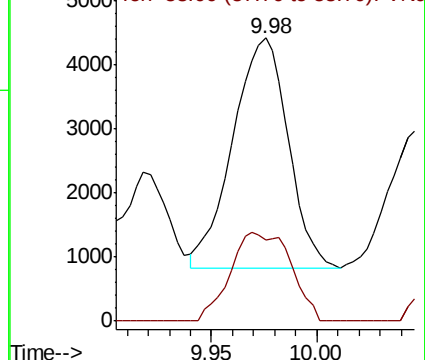
43 100

58 42.3 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-2528) (-)



#52

Toluene

Concen: 175.603 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059270.D

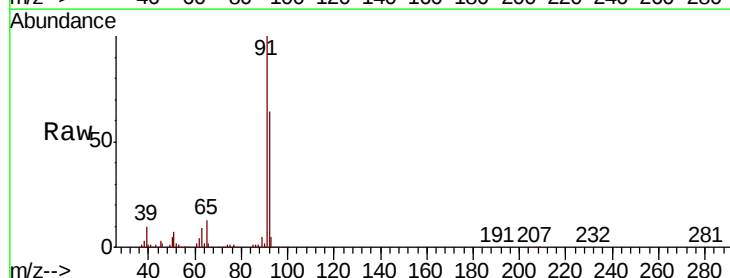
Acq: 15 Nov 2019 16:47

Tgt Ion: 92 Resp: 2100451

Ion Ratio Lower Upper

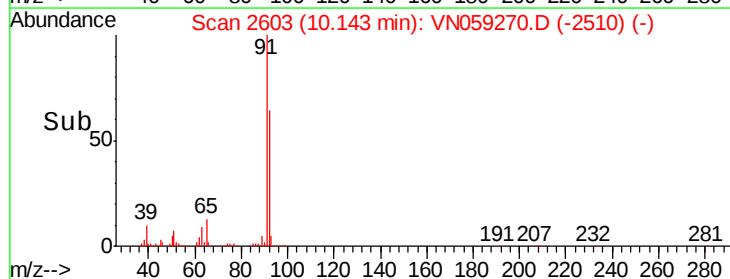
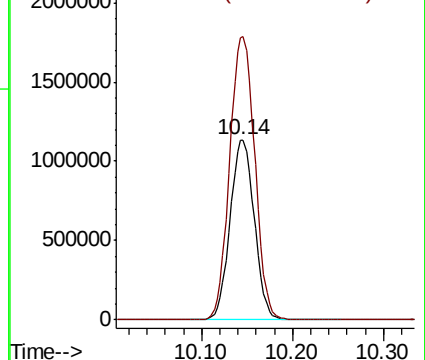
92 100

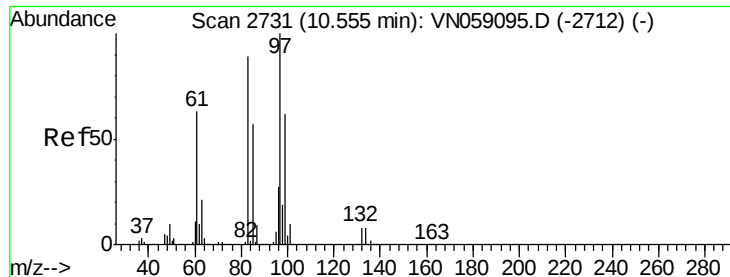
91 163.5 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059095.D (-2587) (-)

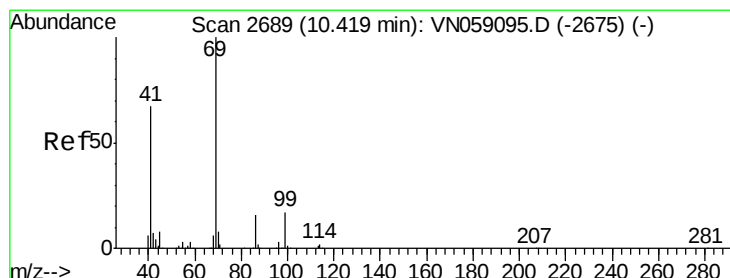
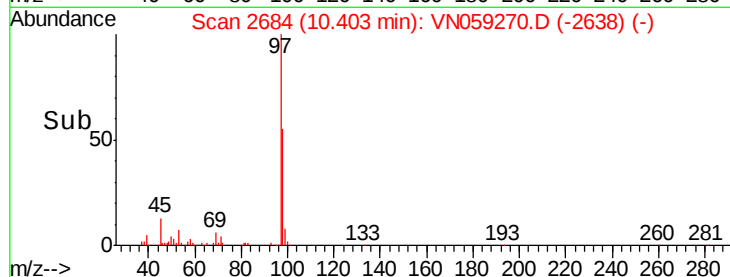
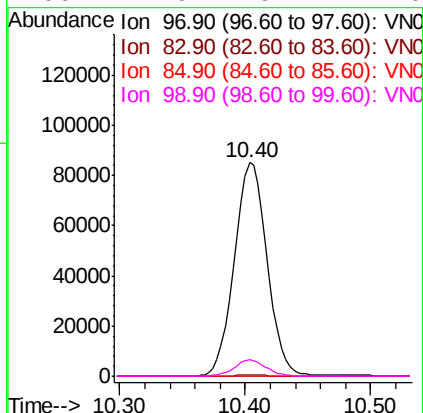
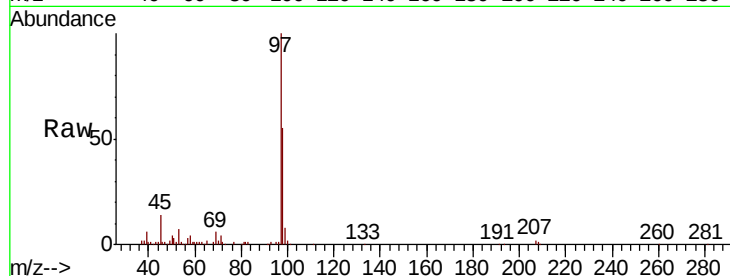




#55
 1,1,2-Trichloroethane
 Concen: 32.028 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.15 min
 Lab File: VN059270.D
 Acq: 15 Nov 2019 16:47

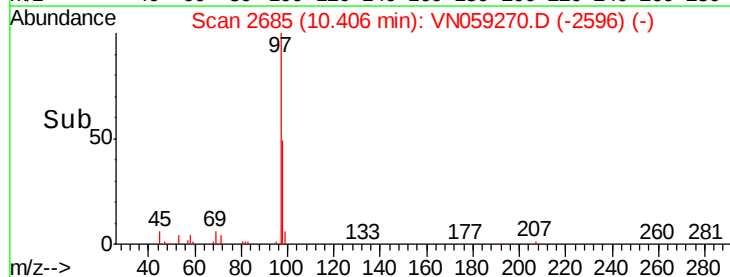
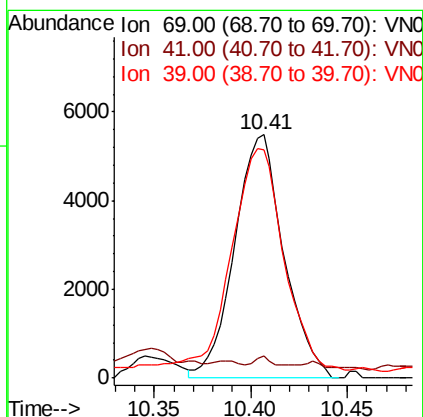
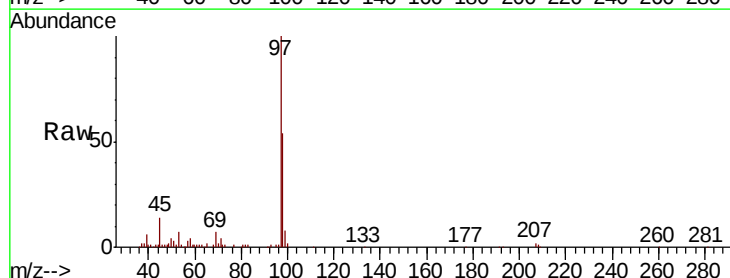
Instrument :
 MSVOA_N
 ClientSampleId :

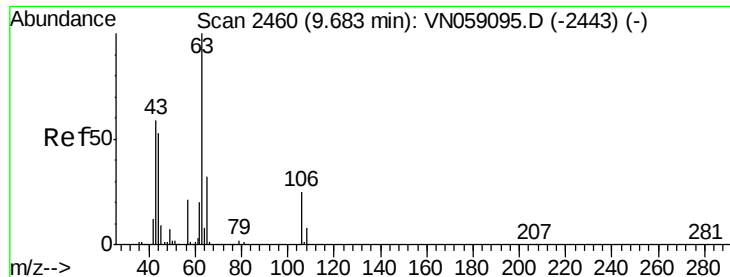
Tot Ion	97	Resp	155044
Ion	Ratio	Lower	Upper
97	100		
83	0.5	71.0	106.4#
85	0.0	45.8	68.8#
99	7.9	49.4	74.0#



#56
 Ethyl methacrylate
 Concen: 3.032 ug/l
 RT: 10.41 min Scan# 2685
 Delta R.T. -0.01 min
 Lab File: VN059270.D
 Acq: 15 Nov 2019 16:47

Tgt Ion	69	Resp	9721
Ion	Ratio	Lower	Upper
69	100		
41	0.0	53.6	80.4#
39	97.3	26.2	39.4#

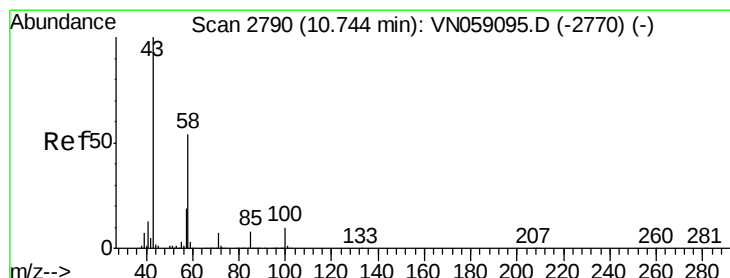
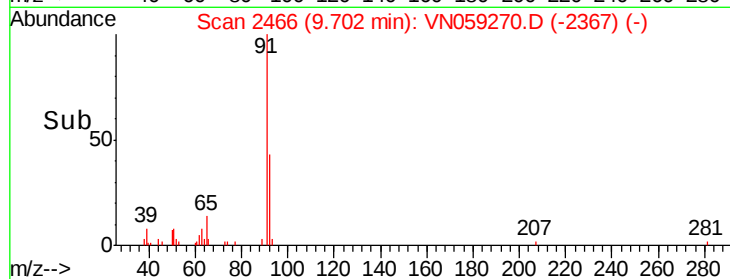
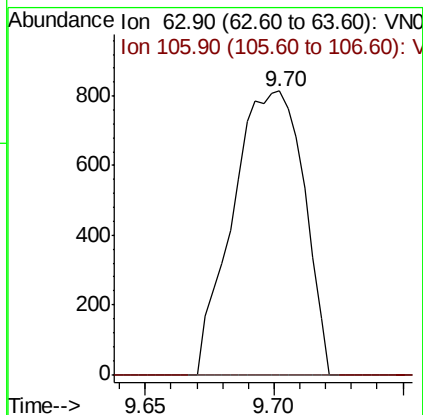
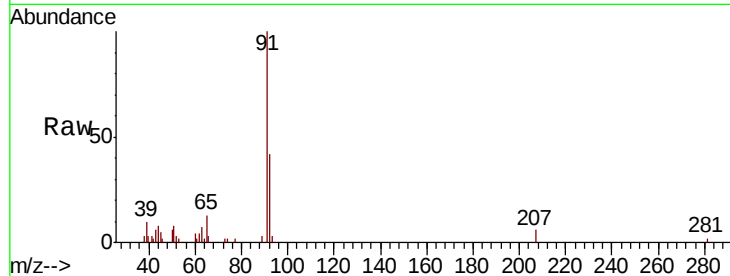




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.581 ug/l
 RT: 9.70 min Scan# 2466
 Delta R.T. 0.02 min
 Lab File: VN059270.D
 Acq: 15 Nov 2019 16:47

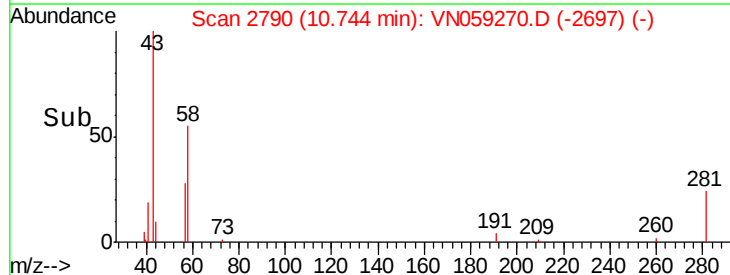
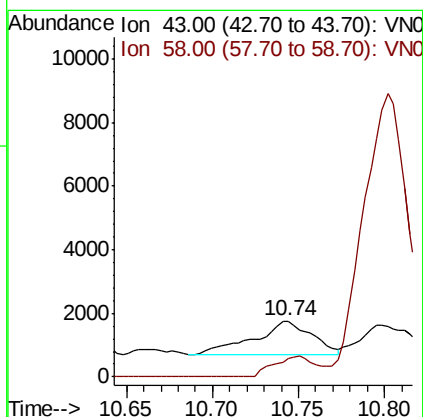
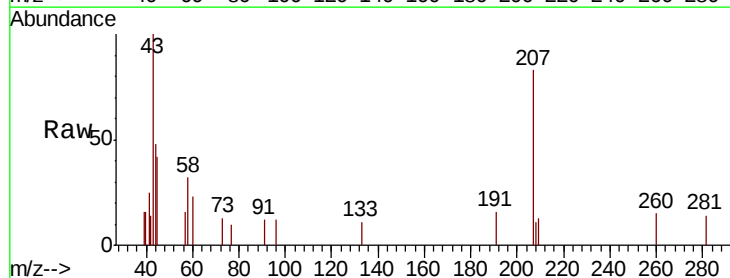
Instrument :
 MSVOA_N
 ClientSampleId :

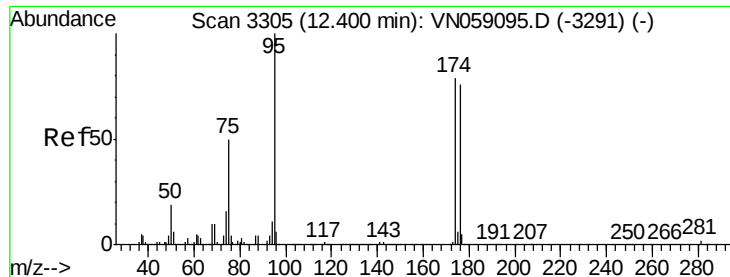
Tot Ion: 63 Resp: 1564
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.2 30.2#



#59
 2-Hexanone
 Concen: 0.471 ug/l
 RT: 10.74 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VN059270.D
 Acq: 15 Nov 2019 16:47

Tgt Ion: 43 Resp: 2405
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.3 81.8#





#62

4-Bromofluorobenzene

Concen: 52.516 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

ClientSampled :

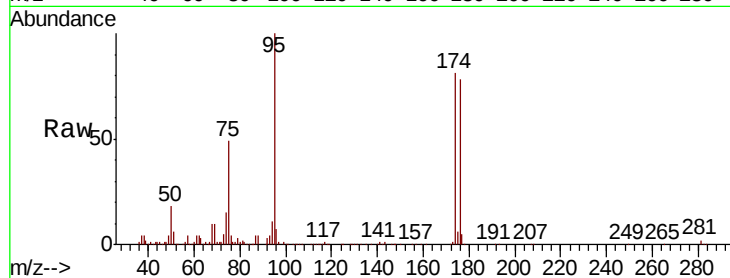
Tot Ion: 95 Resp: 315745

Ion Ratio Lower Upper

95 100

174 79.9 0.0 158.2

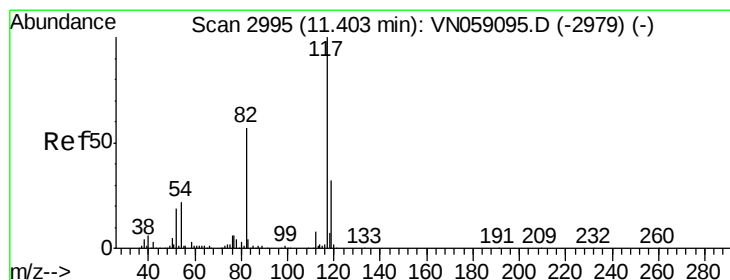
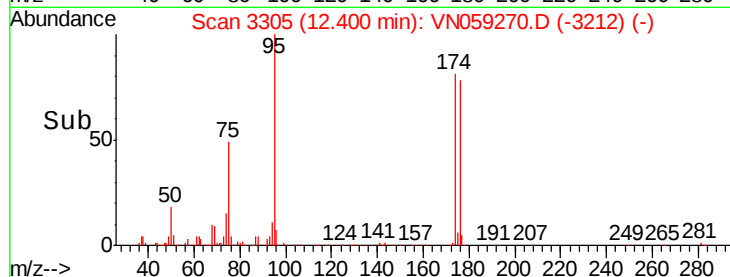
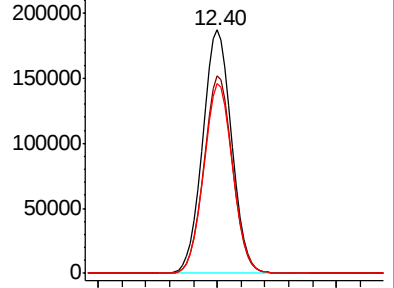
176 77.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059270.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059270.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059270.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

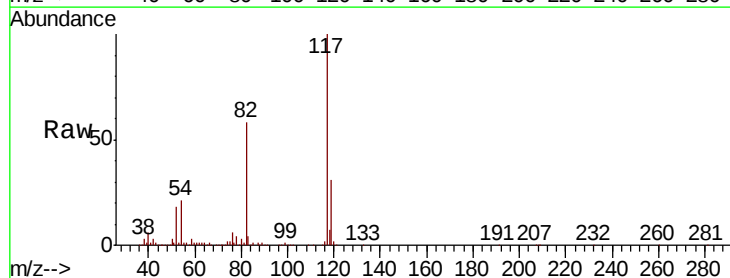
Tgt Ion: 117 Resp: 637113

Ion Ratio Lower Upper

117 100

82 57.9 45.8 68.8

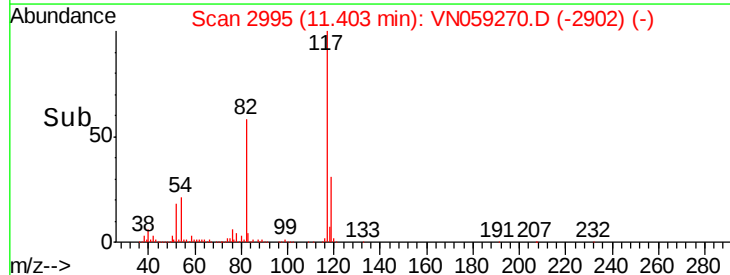
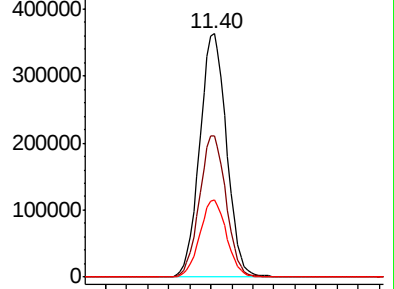
119 31.5 25.8 38.6

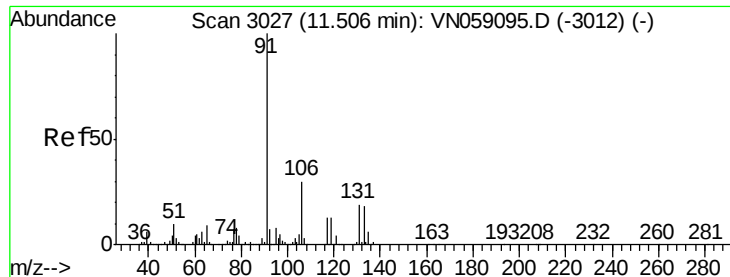


Abundance Ion 116.90 (116.60 to 117.60): VN059270.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059270.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059270.D (-2902) (-)

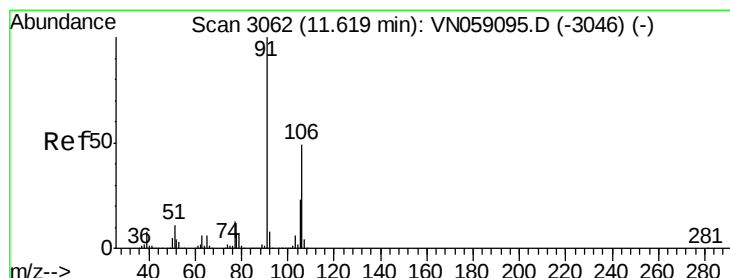
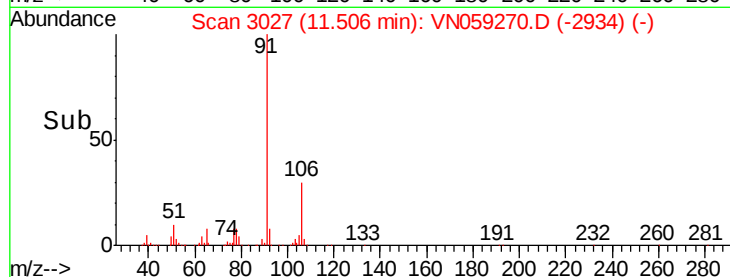
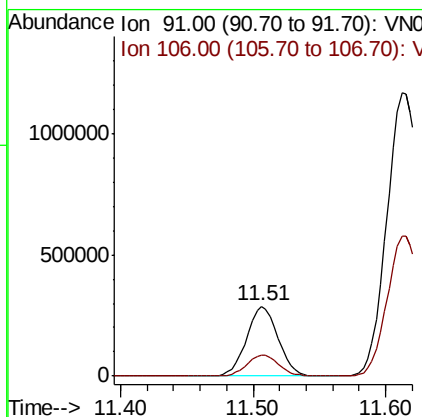
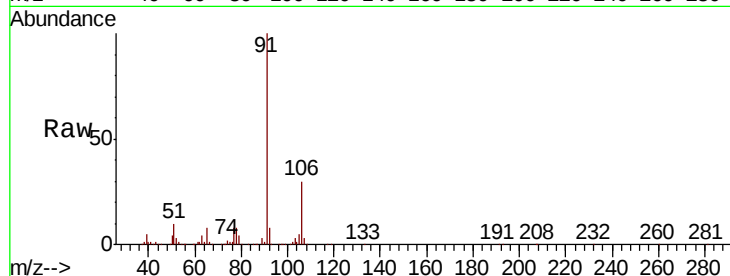




#67
Ethyl Benzene
Concen: 21.589 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

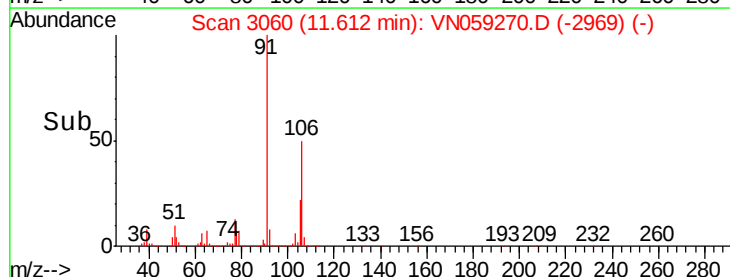
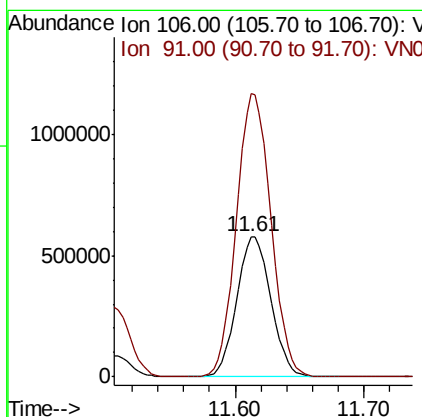
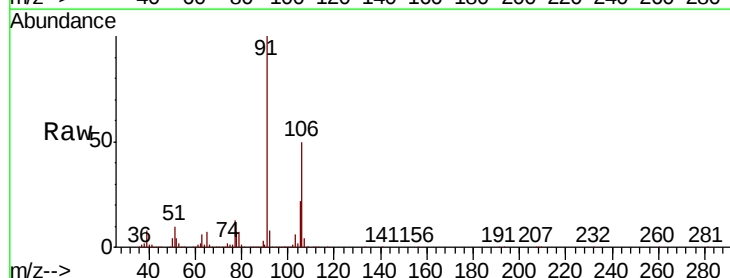
Instrument :
MSVOA_N
ClientSampled :

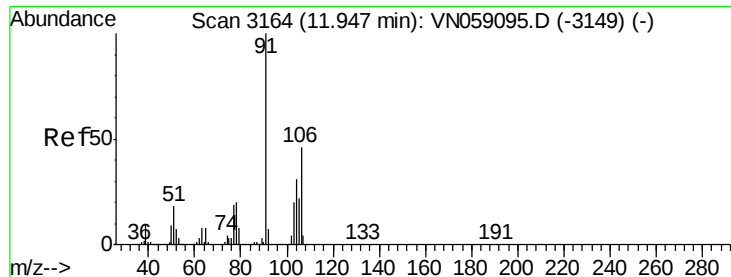
Tot Ion: 91 Resp: 475733
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1



#68
m/p-Xylenes
Concen: 128.876 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Tgt Ion: 106 Resp: 1063776
Ion Ratio Lower Upper
106 100
91 204.2 164.7 247.1

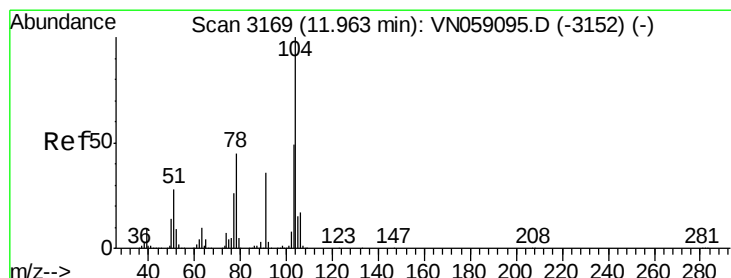
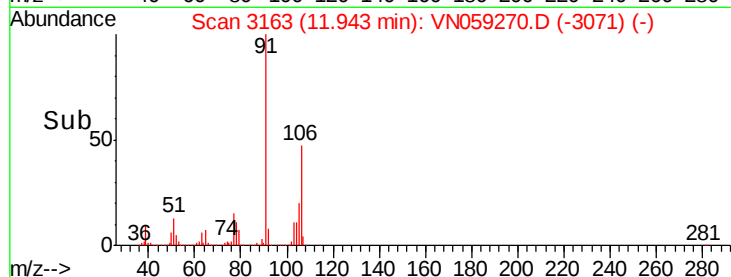
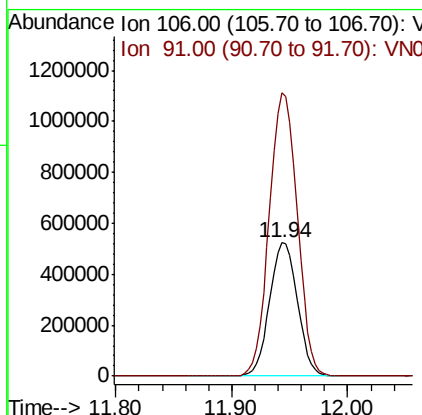
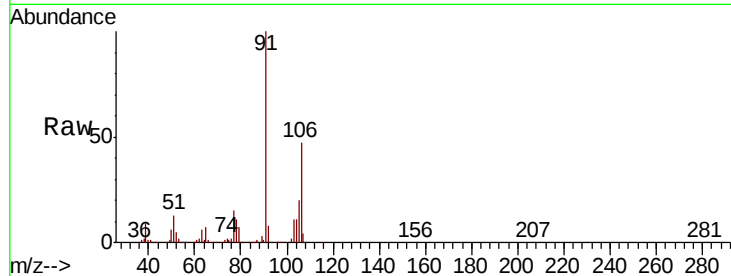




#69
o-Xylene
Concen: 108.933 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

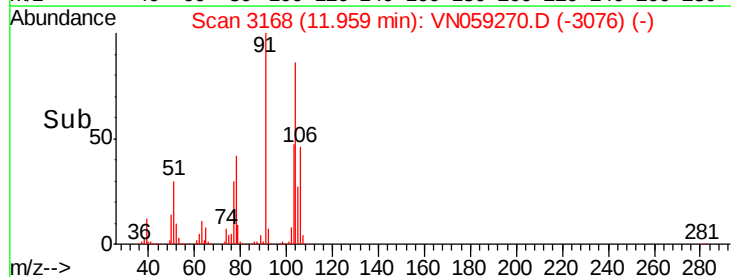
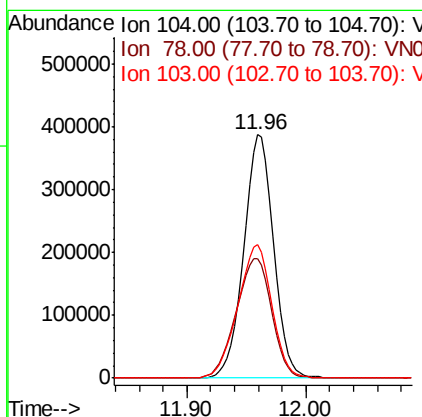
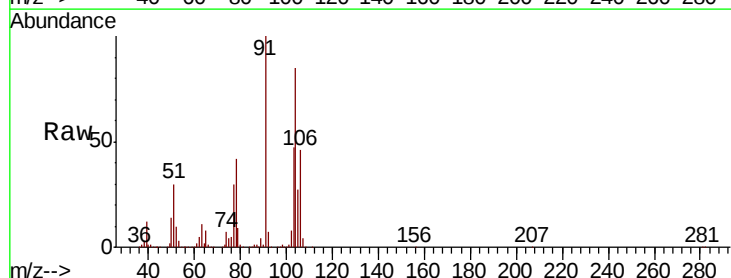
Instrument :
MSVOA_N
ClientSampleId :

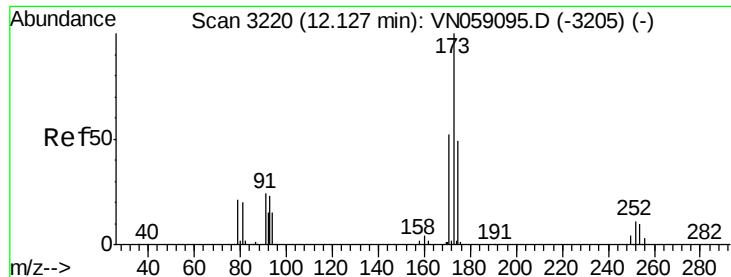
Tot Ion:106 Resp: 868950
Ion Ratio Lower Upper
106 100
91 214.8 110.1 330.3



#70
Styrene
Concen: 53.584 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Tgt Ion:104 Resp: 672238
Ion Ratio Lower Upper
104 100
78 58.3 41.2 61.8
103 62.1 43.8 65.6





#71

Bromoform

Concen: 0.452 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

ClientSampleId :

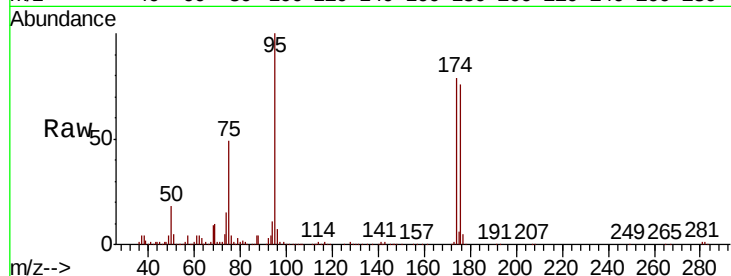
Tot Ion:173 Resp: 1637

Ion Ratio Lower Upper

173 100

175 1002.7 24.2 72.6#

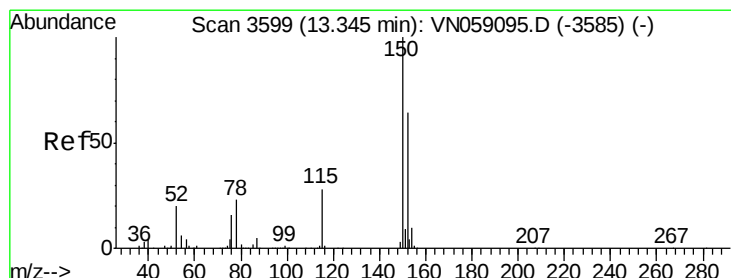
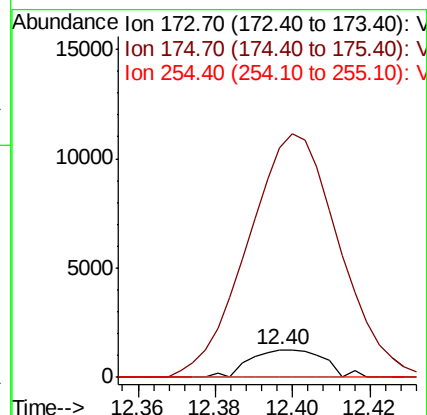
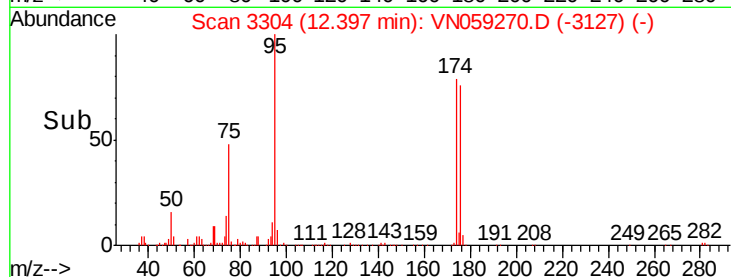
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

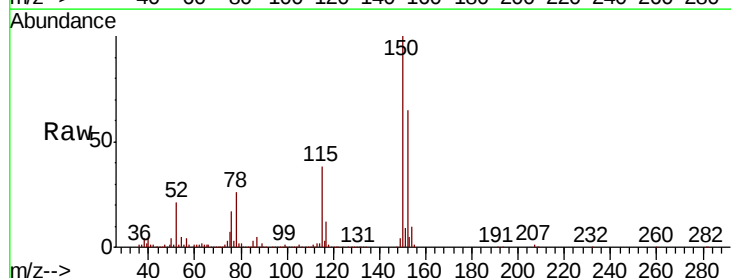
Tgt Ion:152 Resp: 286262

Ion Ratio Lower Upper

152 100

115 66.5 29.4 88.2

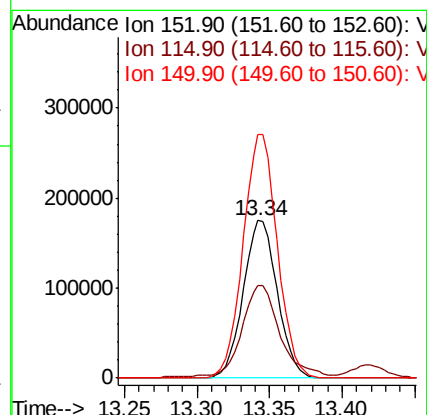
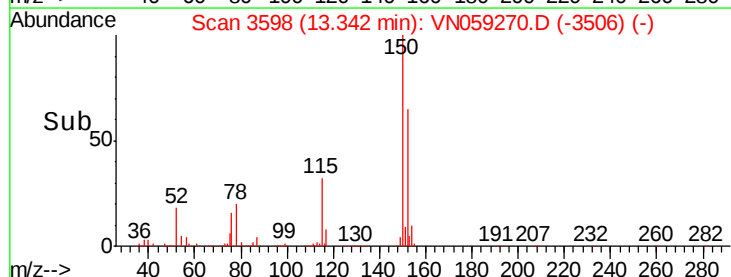
150 154.9 0.0 345.8

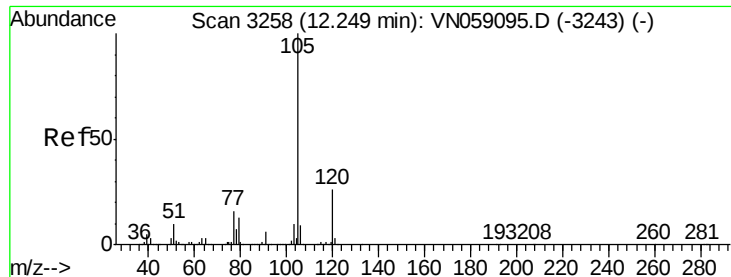


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.962 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

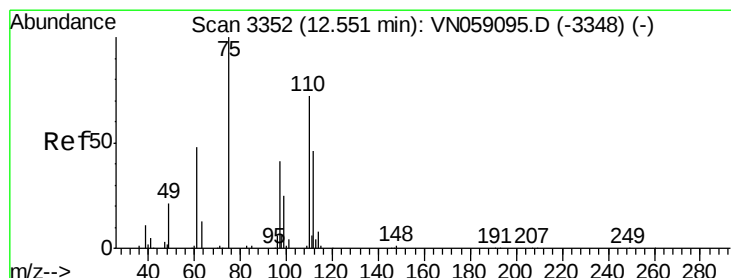
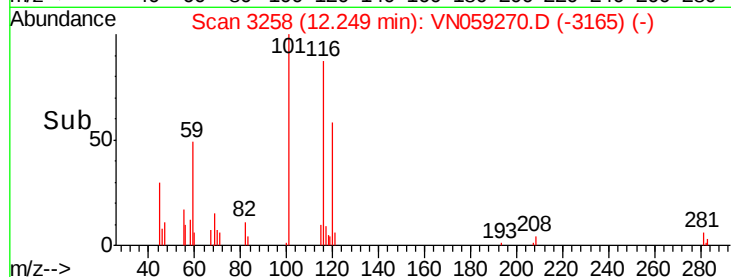
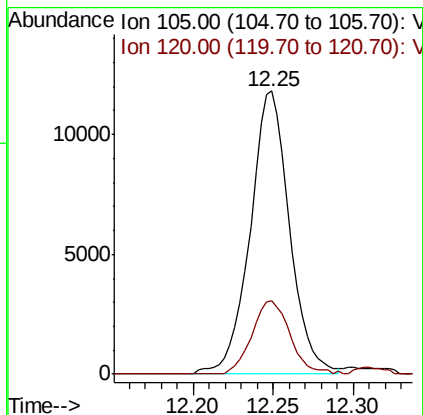
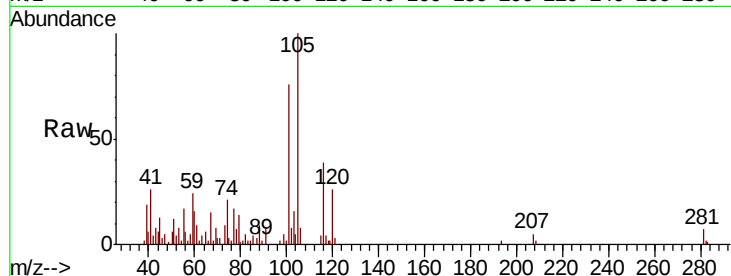
ClientSampleId :

Tot Ion:105 Resp: 20039

Ion Ratio Lower Upper

105 100

120 25.1 13.1 39.3



#76

1,2,3-Trichloropropane

Concen: 23.913 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059270.D

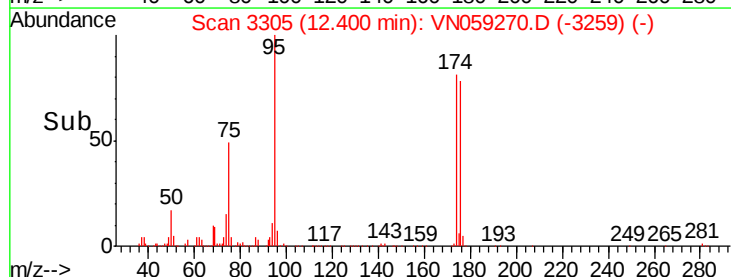
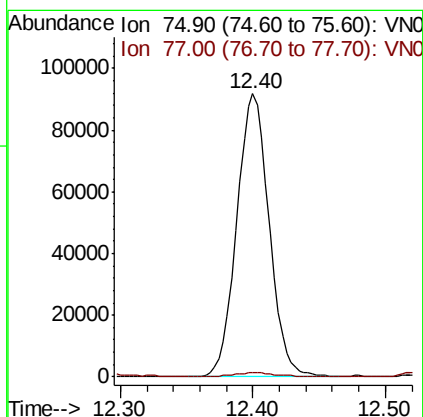
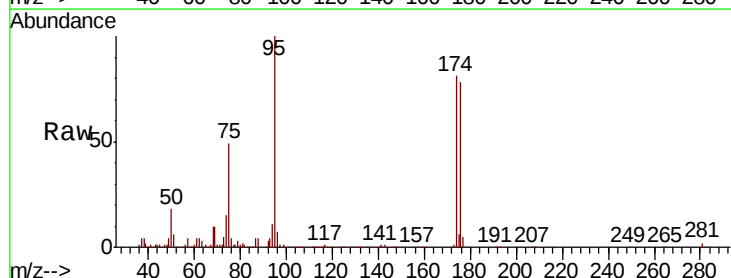
Acq: 15 Nov 2019 16:47

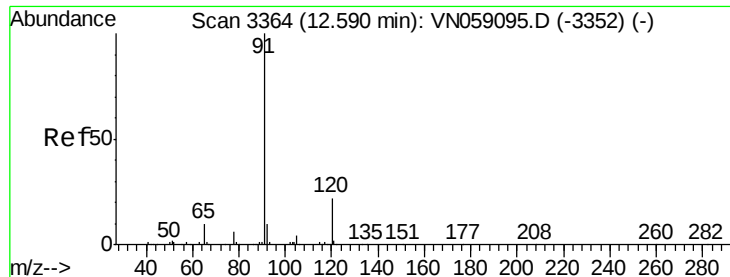
Tgt Ion: 75 Resp: 155849

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#





#78

n-propylbenzene

Concen: 2.781 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

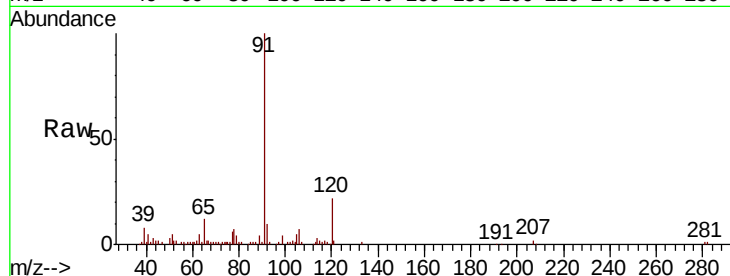
ClientSampleId :

Tot Ion: 91 Resp: 66315

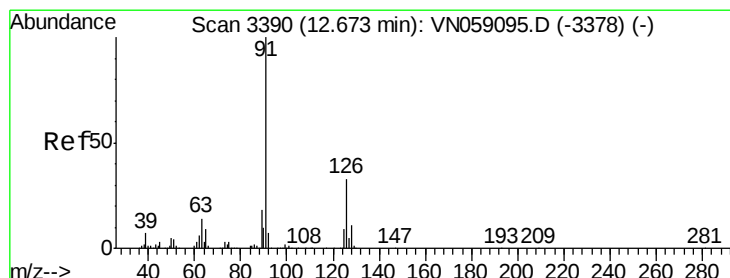
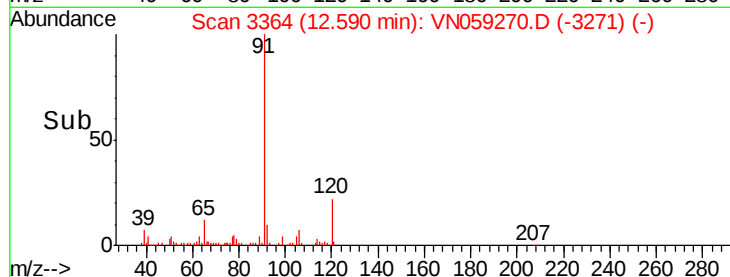
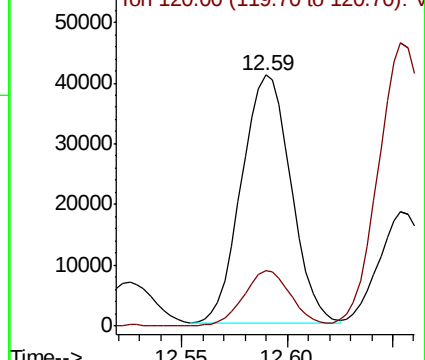
Ion Ratio Lower Upper

91 100

120 21.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN059270.D (-3271) (-)



#79

2-Chlorotoluene

Concen: 1.972 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN059270.D

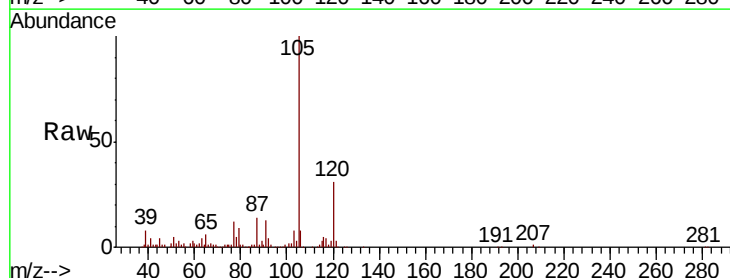
Acq: 15 Nov 2019 16:47

Tgt Ion: 91 Resp: 29169

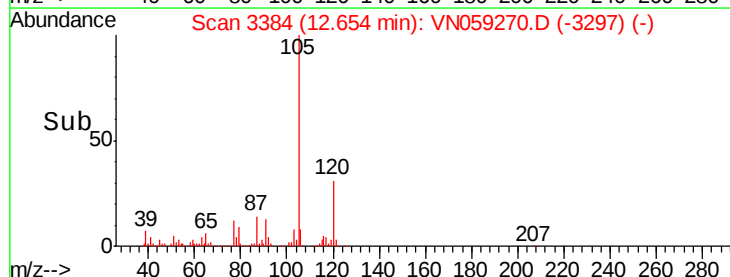
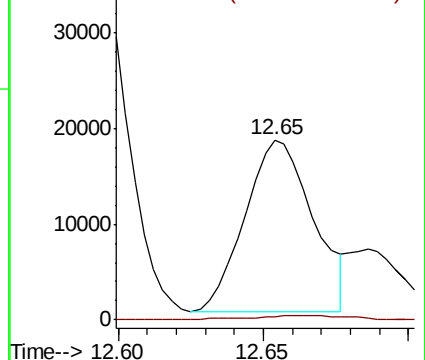
Ion Ratio Lower Upper

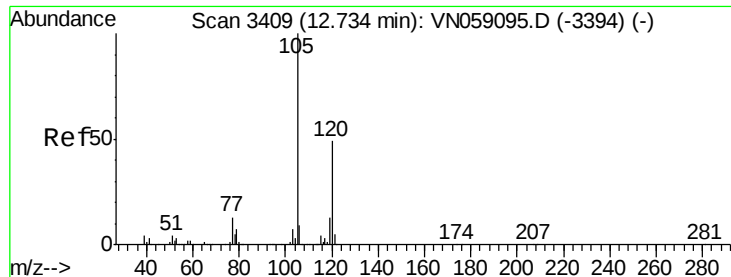
91 100

126 3.5 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VN059270.D (-3297) (-)





#80

1,3,5-Trimethylbenzene

Concen: 11.366 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

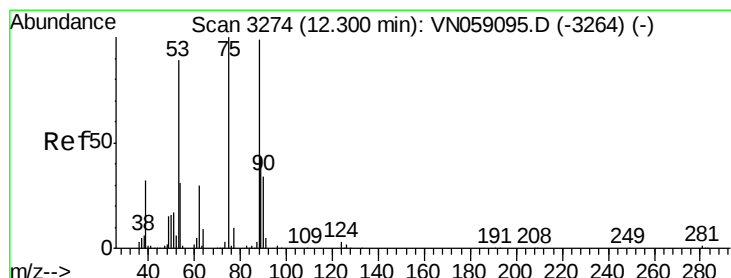
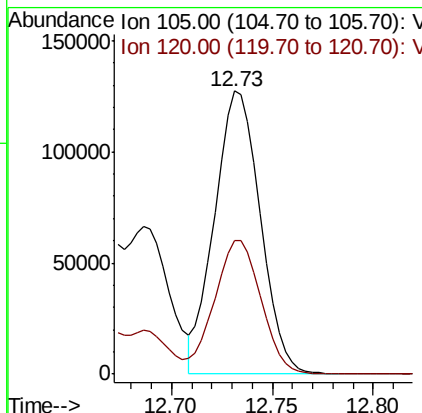
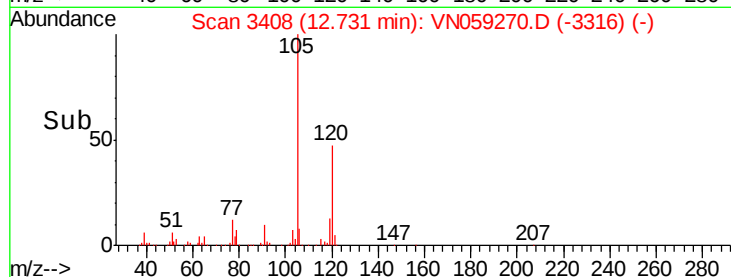
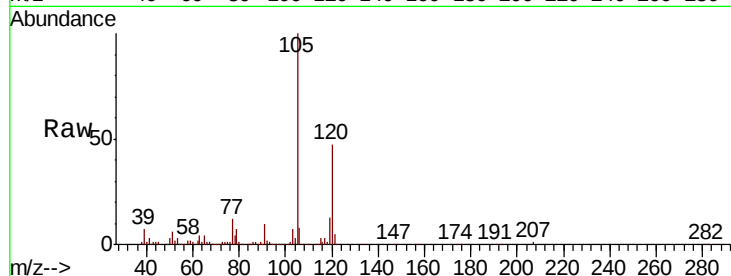
ClientSampled :

Tot Ion:105 Resp: 200548

Ion Ratio Lower Upper

105 100

120 48.7 24.0 72.0



#81

trans-1,4-Dichloro-2-butene

Concen: 63.162 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

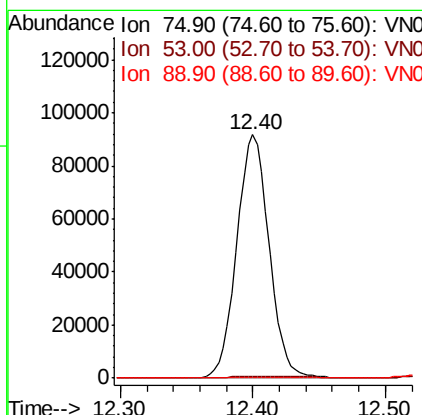
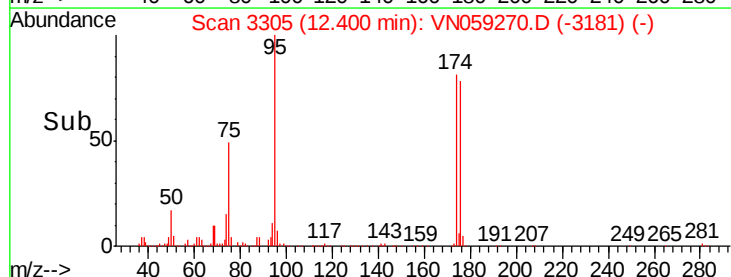
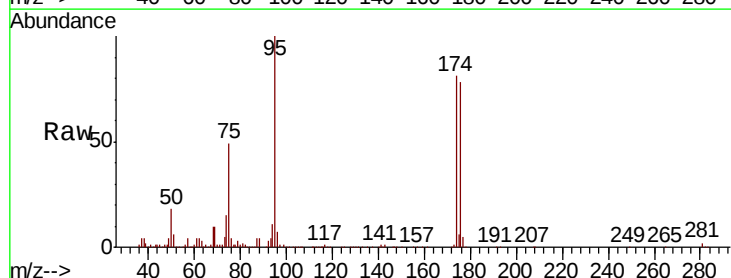
Tgt Ion: 75 Resp: 155849

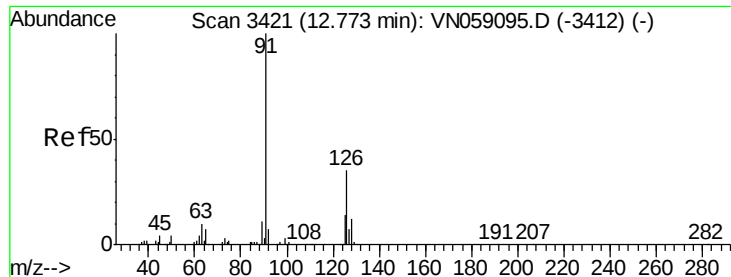
Ion Ratio Lower Upper

75 100

53 2.1 72.2 108.2#

89 0.0 35.8 53.8#





#82

4-Chlorotoluene

Concen: 1.374 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

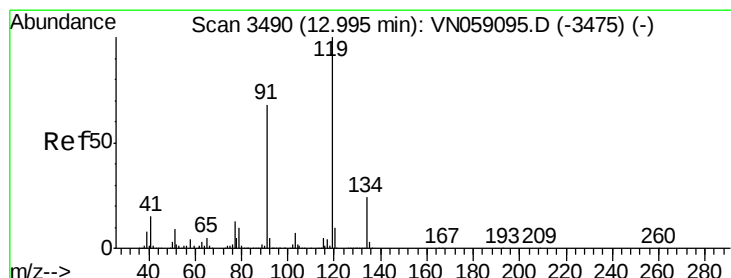
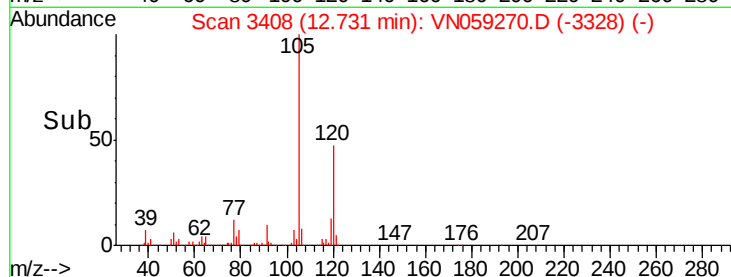
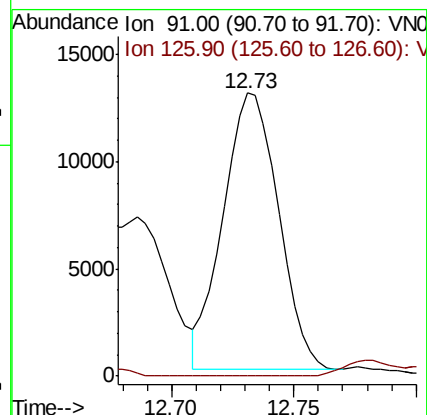
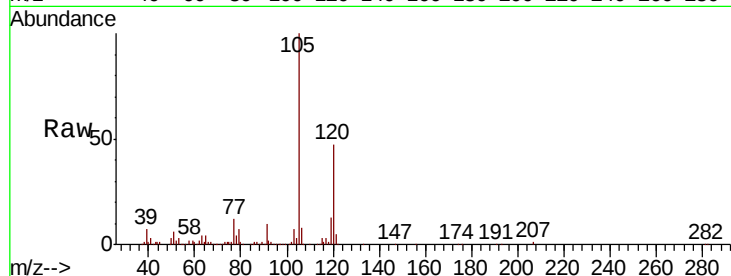
ClientSampled :

Tot Ion: 91 Resp: 20378

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.2#



#83

tert-Butylbenzene

Concen: 5.651 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.04 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

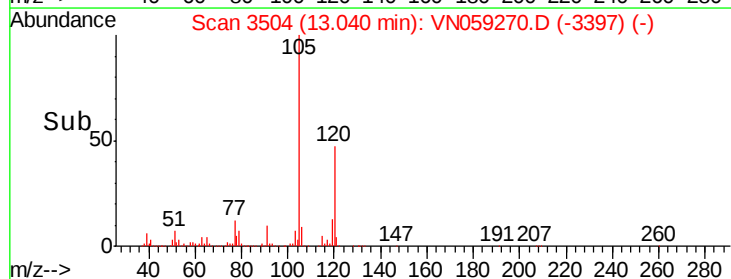
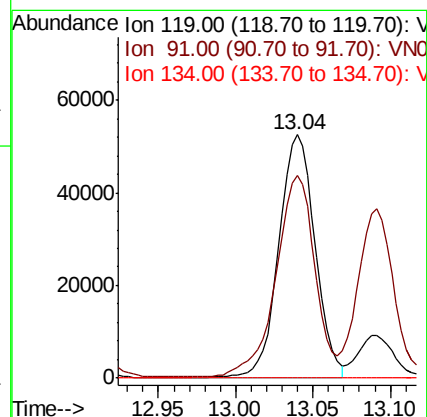
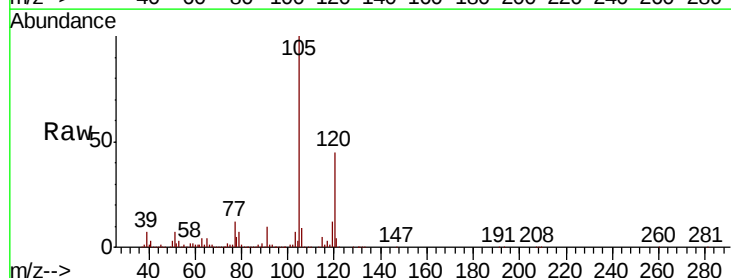
Tgt Ion: 119 Resp: 86107

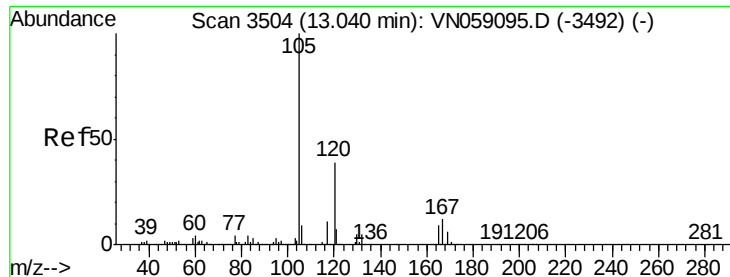
Ion Ratio Lower Upper

119 100

91 87.7 33.2 99.6

134 0.0 12.7 38.1#





#84

1,2,4-Trimethylbenzene

Concen: 41.929 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059270.D

Acq: 15 Nov 2019 16:47

Instrument :

MSVOA_N

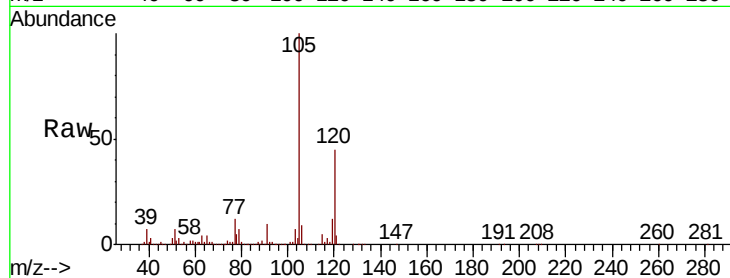
ClientSampleId :

Tot Ion:105 Resp: 715755

Ion Ratio Lower Upper

105 100

120 44.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

400000

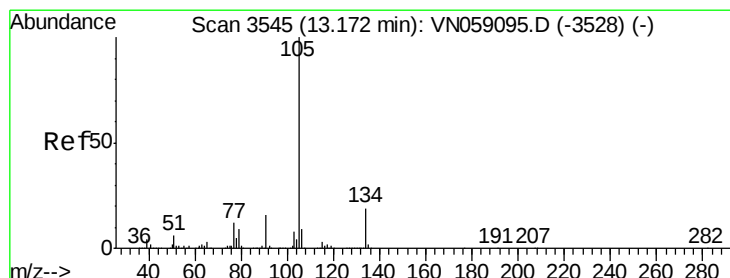
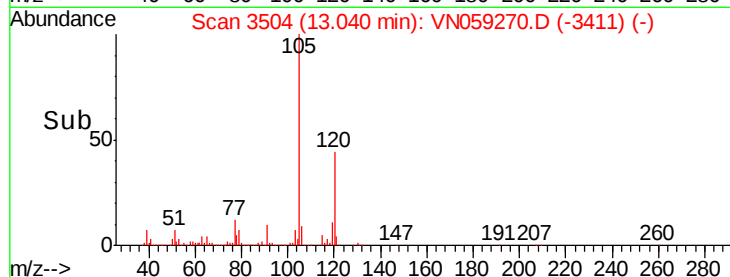
300000

200000

100000

0

Time-->



#85

sec-Butylbenzene

Concen: 36.119 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN059270.D

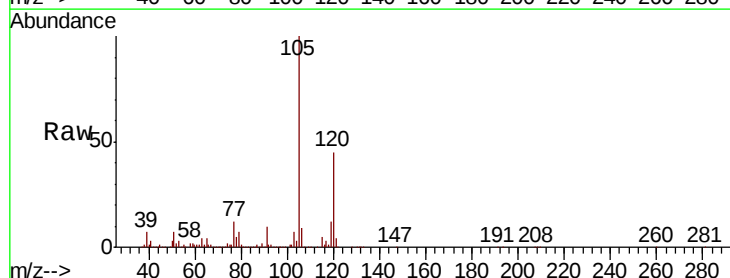
Acq: 15 Nov 2019 16:47

Tgt Ion:105 Resp: 715755

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.04

400000

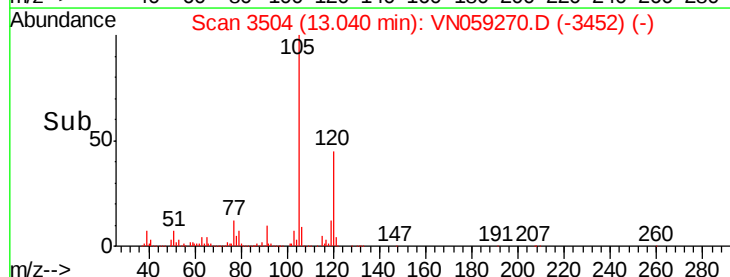
300000

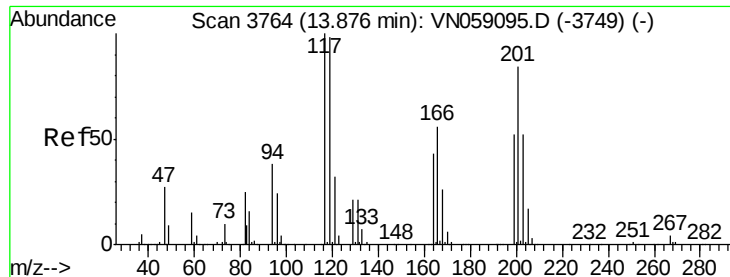
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100000

0

Time-->

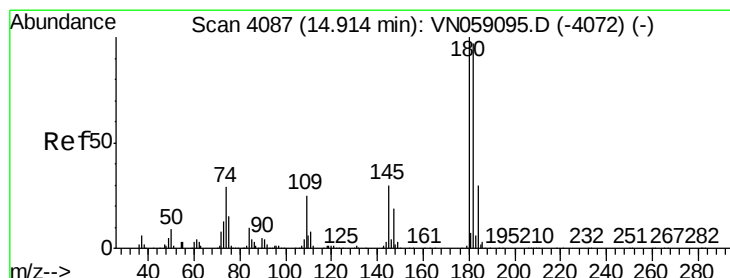
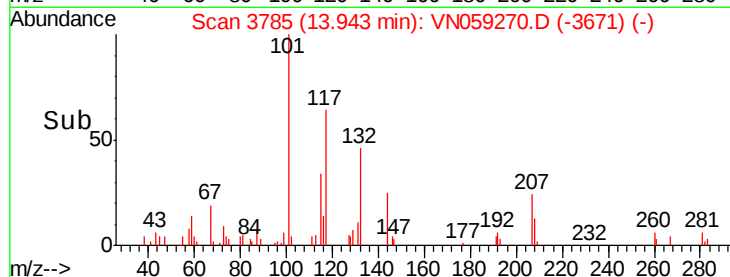
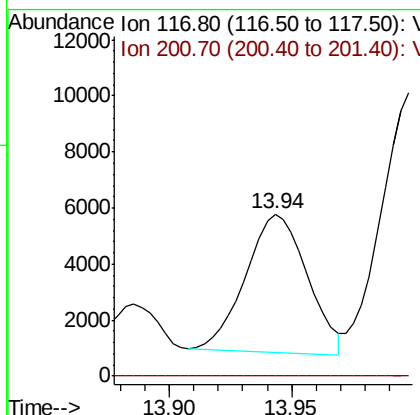
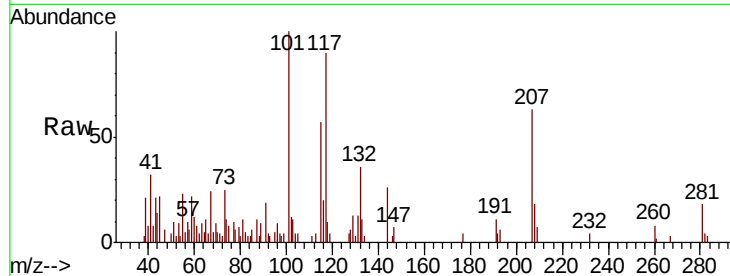




#90
Hexachloroethane
Concen: 2.455 ug/l
RT: 13.94 min Scan# 3785
Delta R.T. 0.07 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

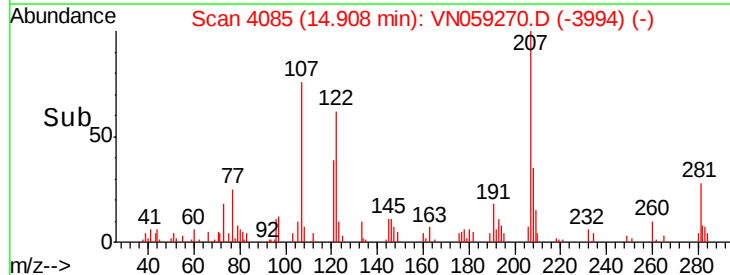
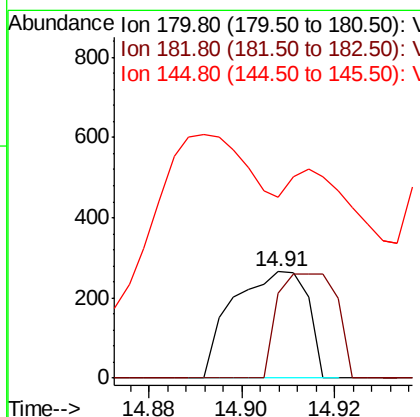
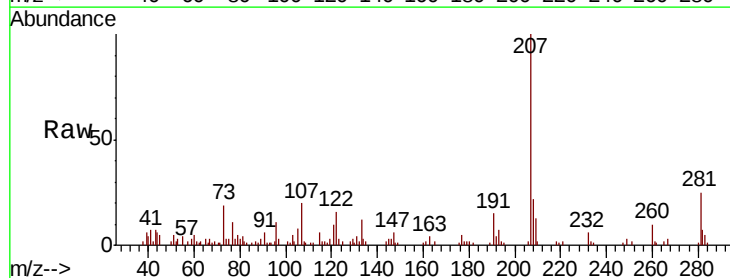
Instrument :
MSVOA_N
ClientSampled :

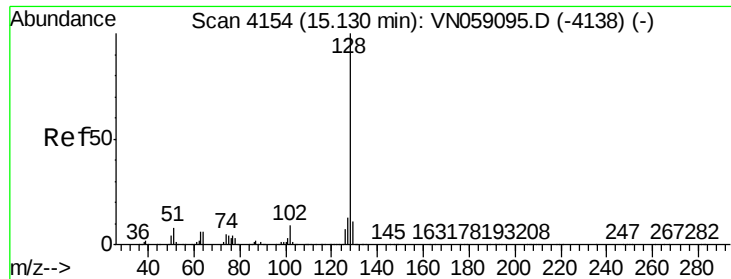
Tot Ion:117 Resp: 8626
Ion Ratio Lower Upper
117 100
201 0.0 41.8 125.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.099 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.01 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Tgt Ion:180 Resp: 297
Ion Ratio Lower Upper
180 100
182 77.4 48.1 144.3
145 360.3 15.1 45.3#





#95
Naphthalene
Concen: 316.405 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059270.D
Acq: 15 Nov 2019 16:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 4949845
Ion Ratio Lower Upper
128 100
127 16.1 10.2 15.2#
129 13.9 8.6 12.8#

