

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084876.D
 Acq On : 15 Nov 2024 18:00
 Operator : JC\MD
 Sample : P4844-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 241113075-01-VOA

Quant Time: Nov 15 22:28:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.812	128	24378	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	131256	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	127289	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	60380	30.808	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.700%	
60) 4-Bromofluorobenzene	12.847	95	60280	27.504	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 91.667%	
63) Toluene-d8	10.565	98	161151	26.743	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 89.133%#	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	474	0.278	ug/l #	43
4) Vinyl Chloride	2.506	62	606	0.382	ug/l #	46
5) Bromomethane	2.889	94	200	0.249	ug/l #	4
8) Diethyl Ether	3.947	74	3167	3.449	ug/l	78
12) Methyl Acetate	5.024	43	3054	1.379	ug/l #	77
14) Acrylonitrile	5.618	53	156	0.215	ug/l #	17
15) Acetone	4.430	58	13864	74.479	ug/l	91
16) Carbon Disulfide	4.689	76	7832	1.874	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	1370	0.771	ug/l #	1
23) tert-Butyl Alcohol	5.541	59	3022992	11952.402	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	10797	2.350	ug/l #	76
26) Cyclohexane	8.659	56	580	0.261	ug/l #	9
30) 2-Butanone	7.447	43	82290	90.235	ug/l #	78
34) Benzene	8.600	78	27262	4.172	ug/l #	85
35) Methacrylonitrile	7.835	41	396725	367.051	ug/l #	45
43) Ethyl Acetate	7.553	43	7637	3.985	ug/l #	1
44) Isopropyl Acetate	8.659	43	10004	2.578	ug/l #	50
45) 1,4-Dioxane	9.700	88	3150	121.599	ug/l #	83
50) 1,1,2-Trichloroethane	10.912	97	671	0.455	ug/l #	57
55) 2-Chloroethyl vinyl ether	10.629	63	5500	4.930	ug/l #	1
58) 4-Methyl-2-Pentanone	10.435	43	10552	5.255	ug/l #	61
59) 2-Hexanone	11.170	43	115878	78.803	ug/l #	34
62) Toluene	10.629	91	80765	11.140	ug/l	98
64) Chlorobenzene	11.888	112	6131	1.401	ug/l #	88
66) Ethyl Benzene	11.964	91	80469	10.561	ug/l	97
67) m/p-Xylenes	12.065	106	32906	11.281	ug/l	100
68) o-Xylene	12.394	106	18066	6.420	ug/l	99
69) Styrene	12.412	104	4332	0.918	ug/l #	31
70) Isopropylbenzene	12.694	105	6074	0.869	ug/l	97
74) n-propylbenzene	13.035	91	4142	0.507	ug/l	92
75) 2-Chlorotoluene	13.123	91	1134	0.213	ug/l	96
76) 1,3,5-Trimethylbenzene	13.170	105	6111	1.023	ug/l	92
77) t-1,4-Dichloro-2-butene	12.417	75	207	0.261	ug/l	71
79) tert-butylbenzene	13.664	119	1287	0.261	ug/l	90
80) 1,2,4-Trimethylbenzene	13.482	105	21472	3.564	ug/l	98
82) p-Isopropyltoluene	13.729	119	50130	8.766	ug/l	96
83) 1,3-Dichlorobenzene	13.811	146	7992	2.397	ug/l	95
84) 1,4-Dichlorobenzene	13.811	146	7992	2.426	ug/l	92
85) n-Butylbenzene	14.247	91	4932	1.027	ug/l	56

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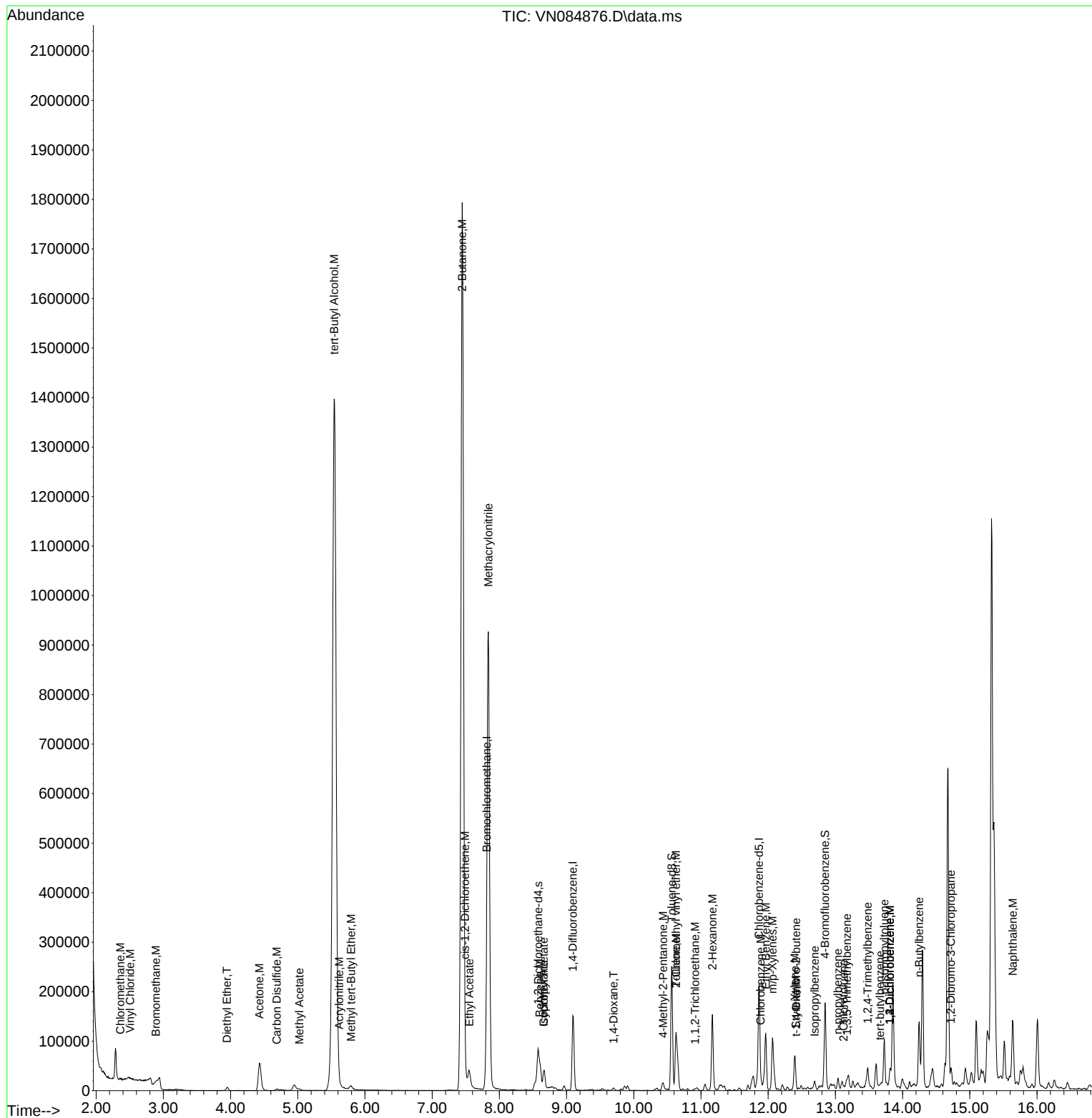
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,2-Dichlorobenzene	13.811	146	7992	2.432	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	110	0.252	ug/l #	6
91) Naphthalene	15.641	128	123830	24.238	ug/l	100

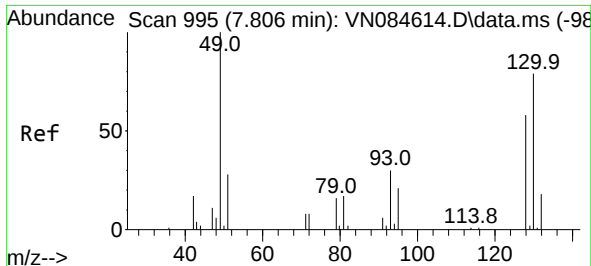
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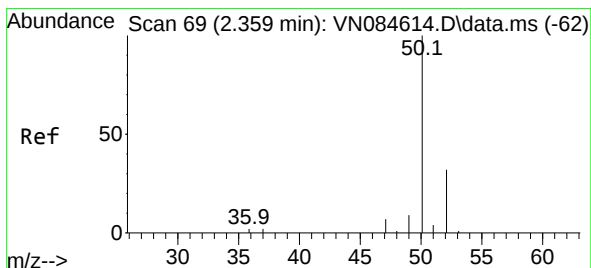
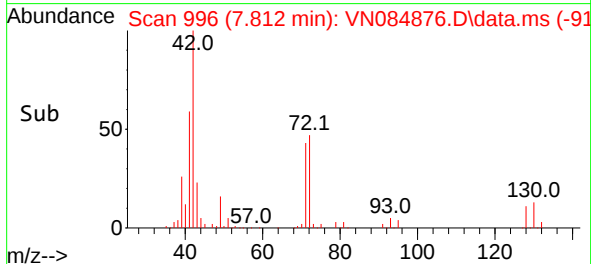
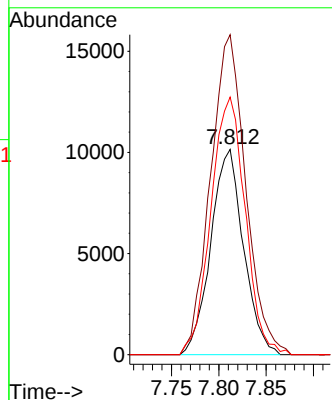
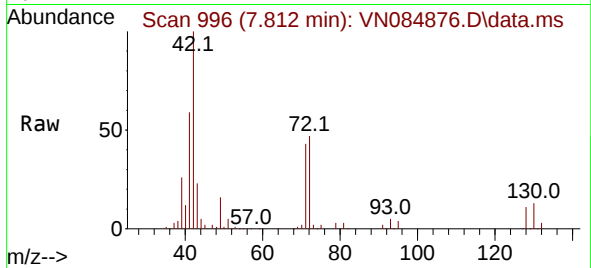




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

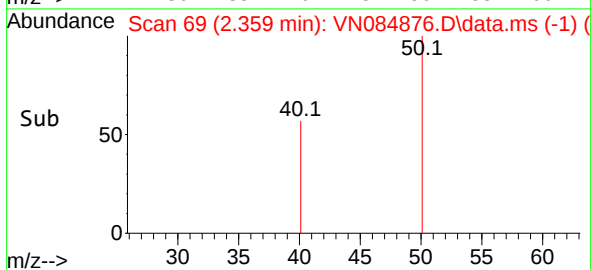
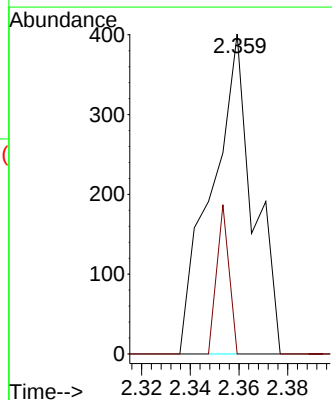
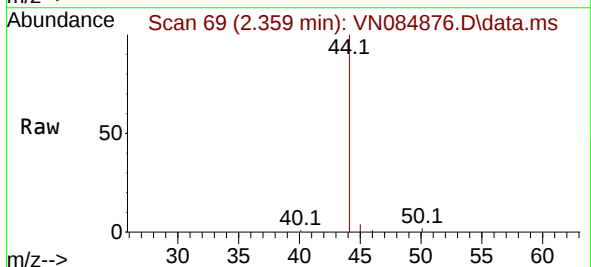
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

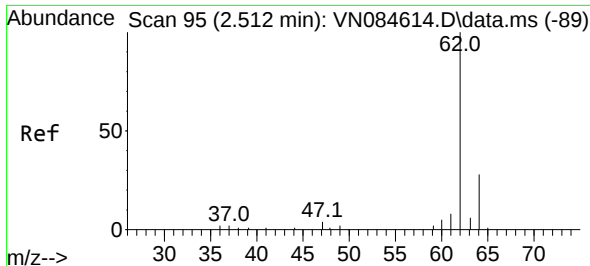
Tgt Ion:128 Resp: 24378
Ion Ratio Lower Upper
128 100
49 167.7 0.0 427.0
130 131.9 0.0 322.2



#3
Chloromethane
Concen: 0.278 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 50 Resp: 474
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

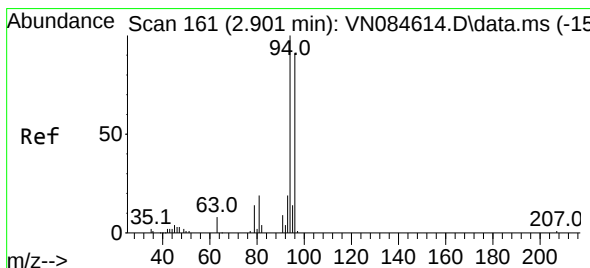
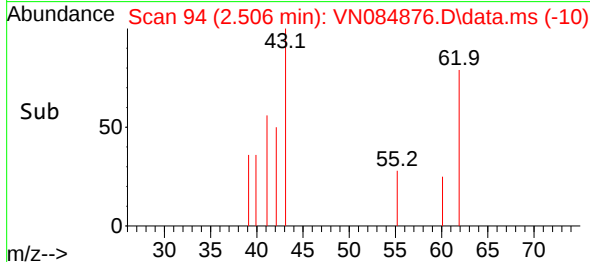
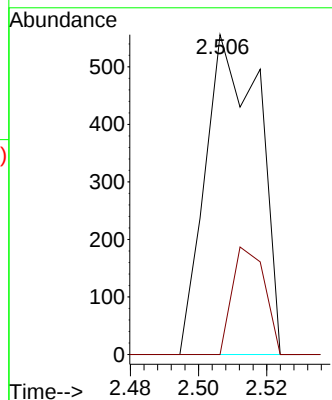
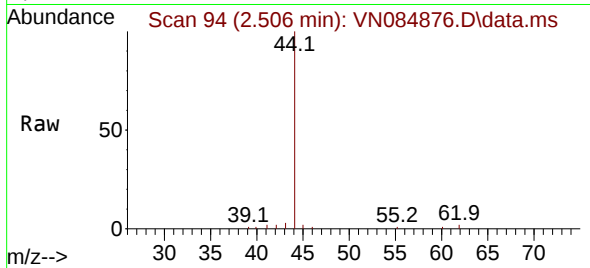




#4
 Vinyl Chloride
 Concen: 0.382 ug/l
 RT: 2.506 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VN084876.D
 Acq: 15 Nov 2024 18:00

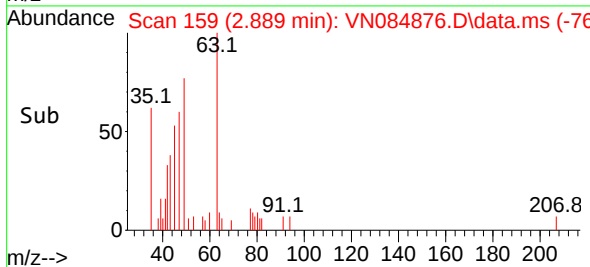
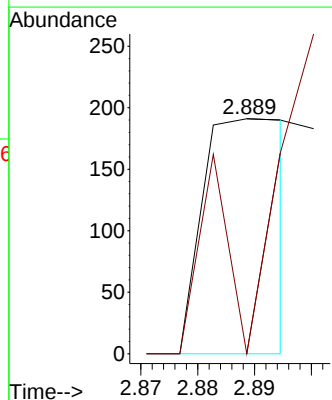
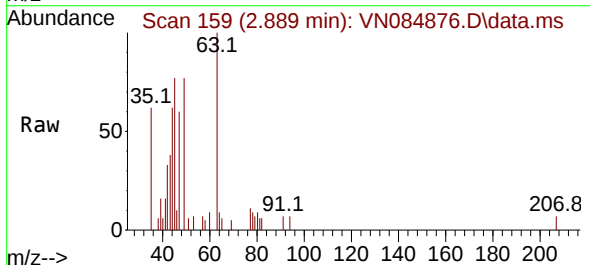
Instrument :
 MSVOA_N
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 241113075-01-VOA

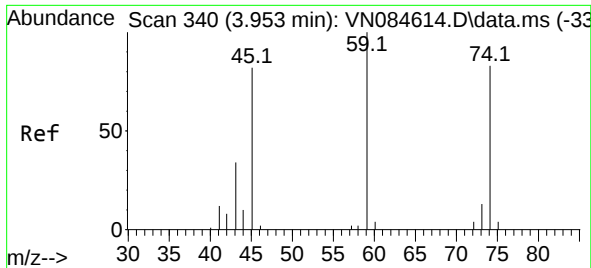
Tgt Ion: 62 Resp: 606
 Ion Ratio Lower Upper
 62 100
 64 0.0 23.1 34.7#



#5
 Bromomethane
 Concen: 0.249 ug/l
 RT: 2.889 min Scan# 159
 Delta R.T. -0.012 min
 Lab File: VN084876.D
 Acq: 15 Nov 2024 18:00

Tgt Ion: 94 Resp: 200
 Ion Ratio Lower Upper
 94 100
 96 0.0 72.7 109.1#





#8

Diethyl Ether

Concen: 3.449 ug/l

RT: 3.947 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084876.D

Acq: 15 Nov 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

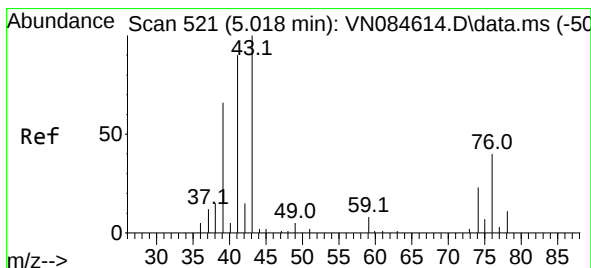
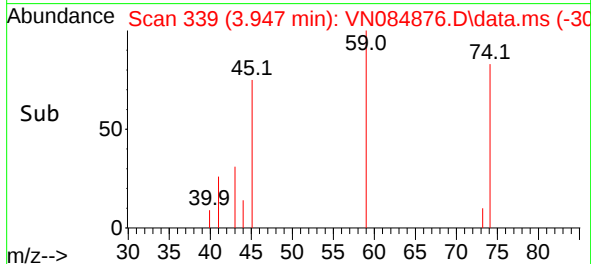
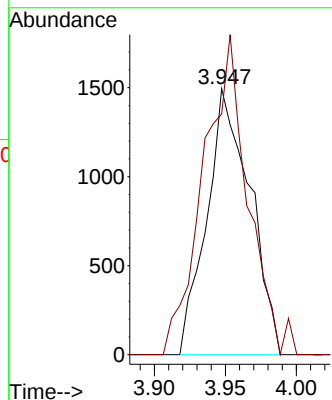
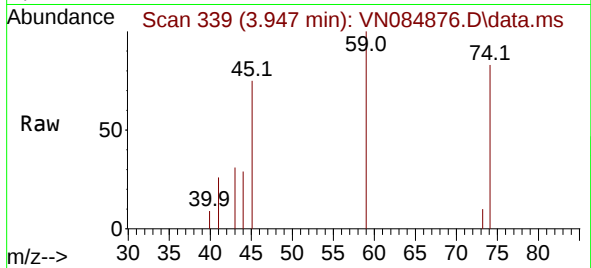
241113075-01-VOA

Tgt Ion: 74 Resp: 3167

Ion Ratio Lower Upper

74 100

45 120.8 19.8 178.4



#12

Methyl Acetate

Concen: 1.379 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN084876.D

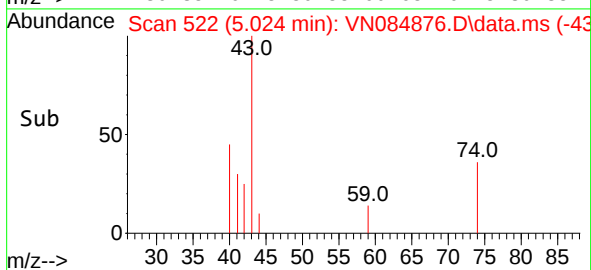
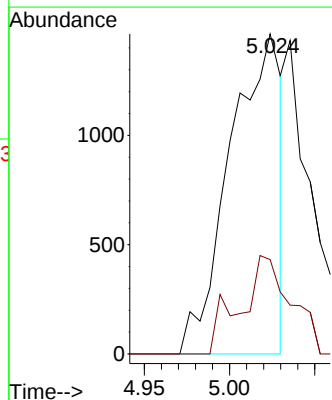
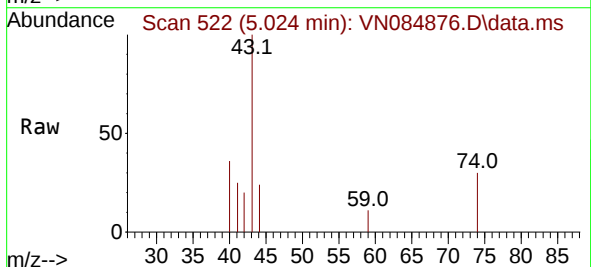
Acq: 15 Nov 2024 18:00

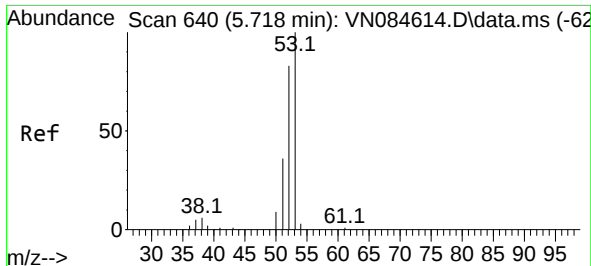
Tgt Ion: 43 Resp: 3054

Ion Ratio Lower Upper

43 100

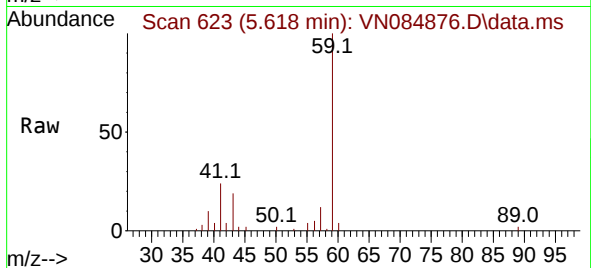
74 35.0 19.0 28.4#



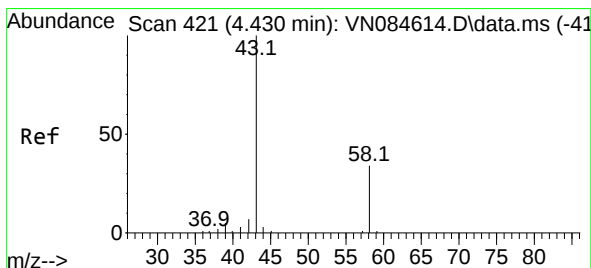
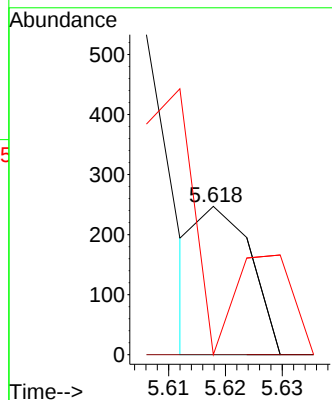
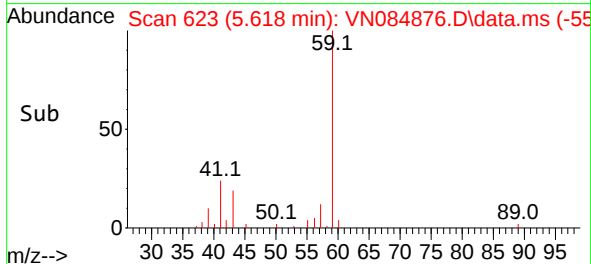


#14
Acrylonitrile
Concen: 0.215 ug/l
RT: 5.618 min Scan# 61
Delta R.T. -0.100 min
Lab File: VN084876.D
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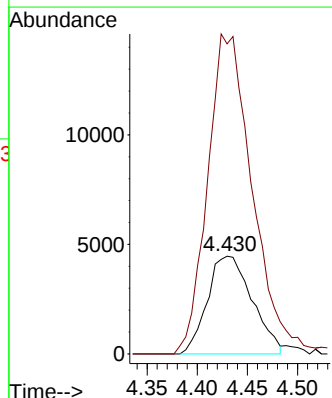
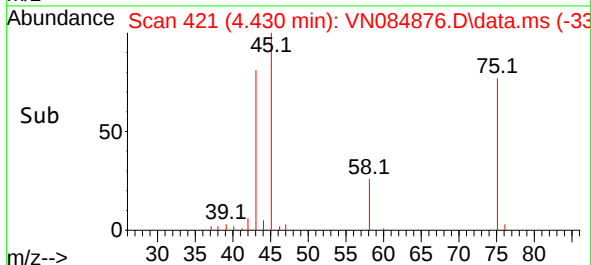
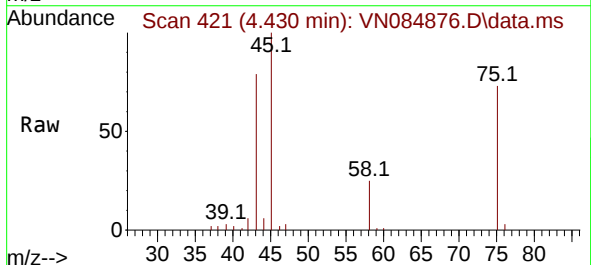


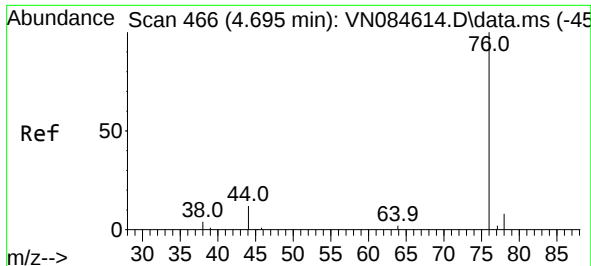
Tgt Ion: 53 Resp: 156
Ion Ratio Lower Upper
53 100
52 0.0 41.6 124.9#
51 73.7 18.2 54.6#



#15
Acetone
Concen: 74.479 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

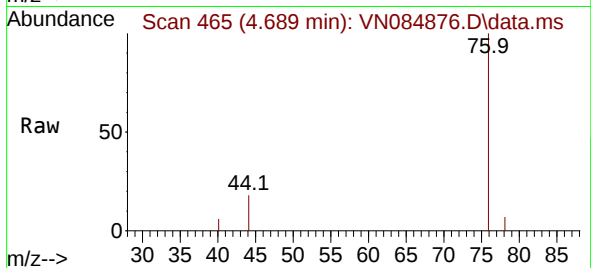
Tgt Ion: 58 Resp: 13864
Ion Ratio Lower Upper
58 100
43 309.3 233.0 349.6



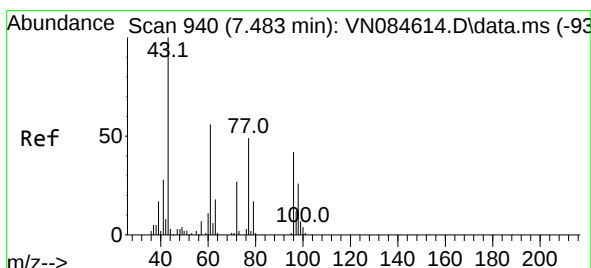
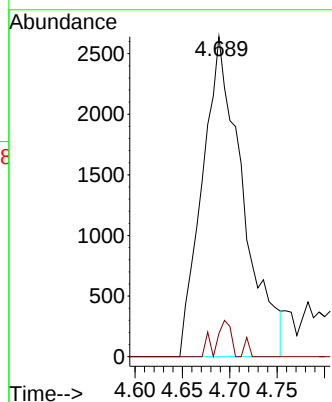


#16
Carbon Disulfide
Concen: 1.874 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.006 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Instrument :
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ClientSampleId :
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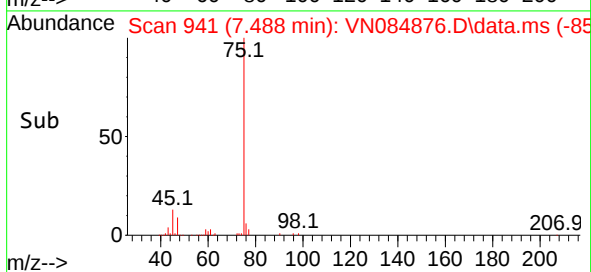
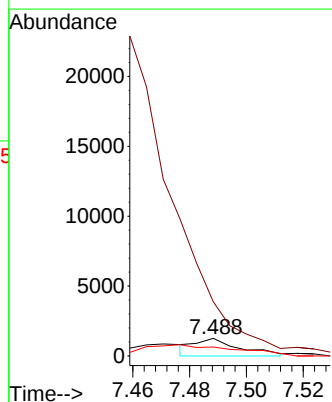
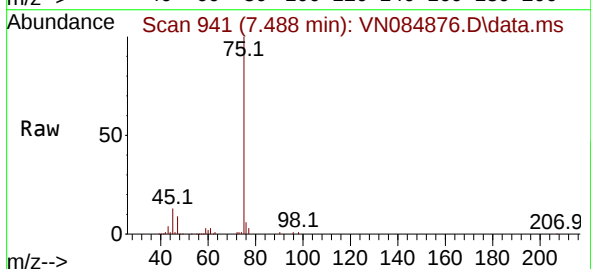


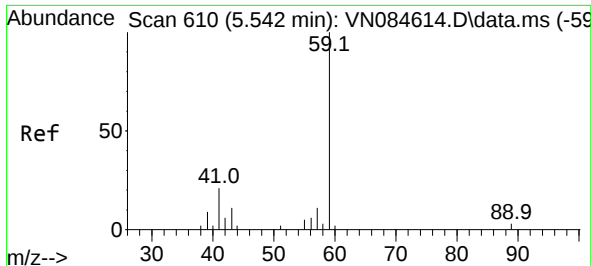
Tgt Ion: 76 Resp: 7832
Ion Ratio Lower Upper
76 100
78 7.2 6.6 9.8



#22
cis-1,2-Dichloroethene
Concen: 0.771 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 96 Resp: 1370
Ion Ratio Lower Upper
96 100
61 0.0 121.8 182.8#
98 0.0 53.2 79.8#

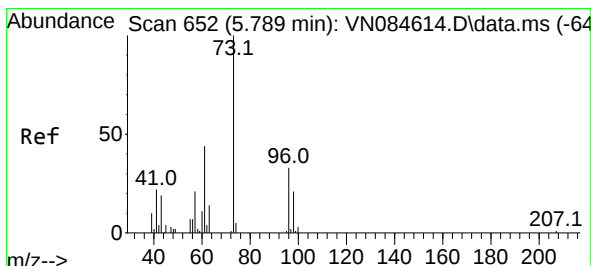
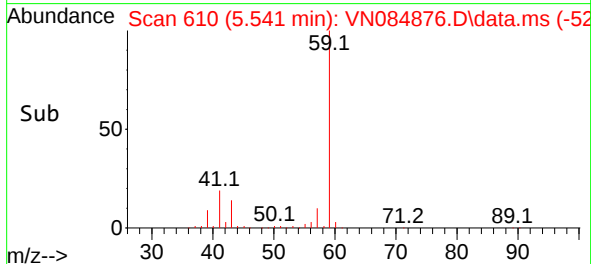
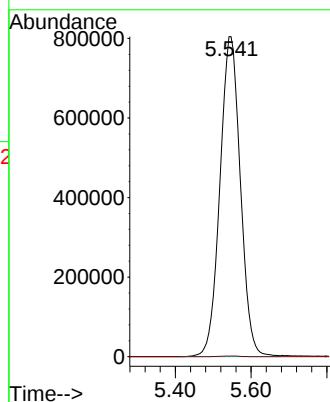
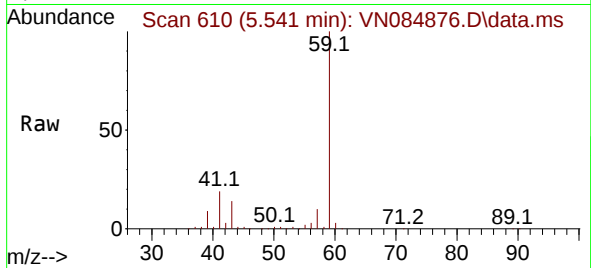




#23
tert-Butyl Alcohol
Concen: 11952.402 ug/l
RT: 5.541 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

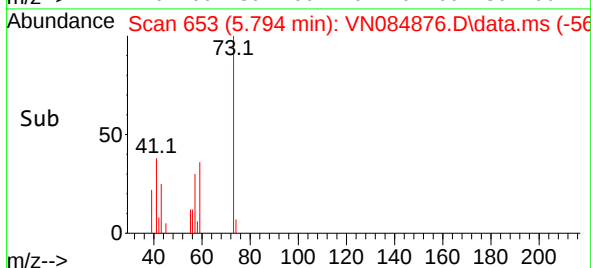
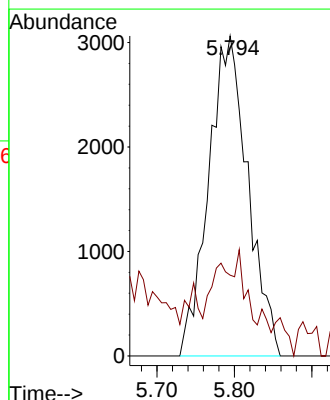
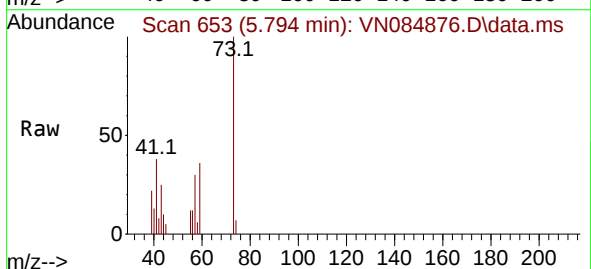
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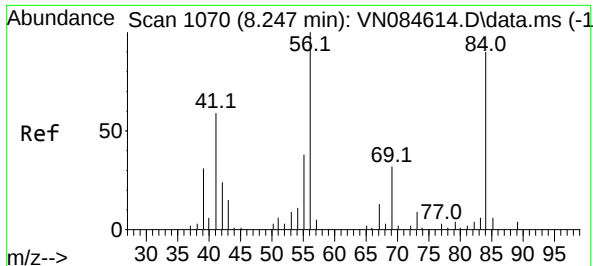
Tgt Ion: 59 Resp: 3022992
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 2.350 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 73 Resp: 10797
Ion Ratio Lower Upper
73 100
43 9.3 16.5 24.7#

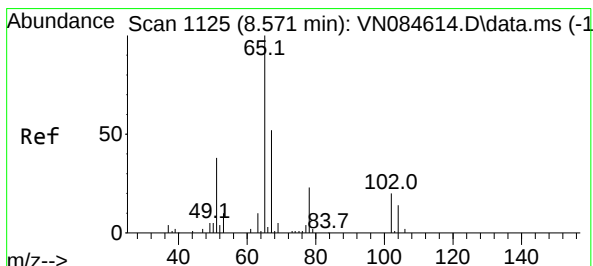
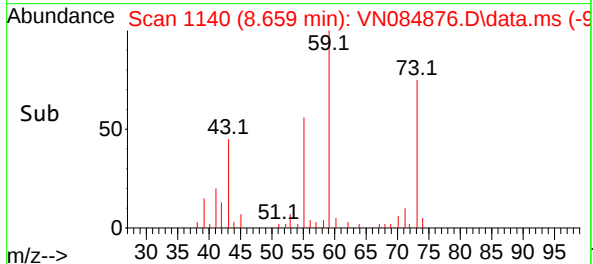
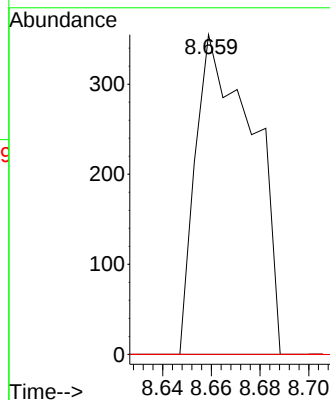
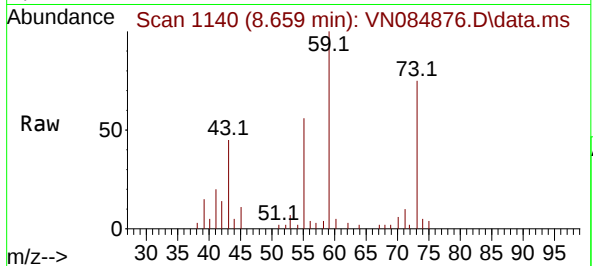




#26
Cyclohexane
Concen: 0.261 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.412 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

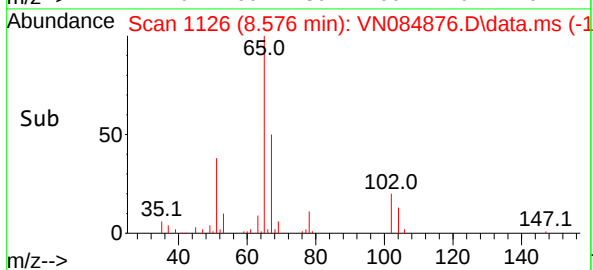
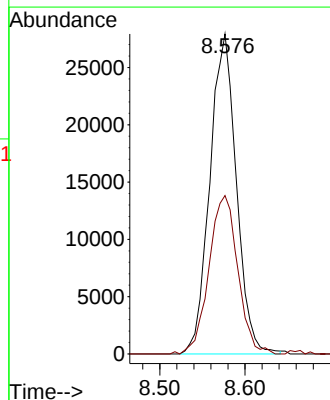
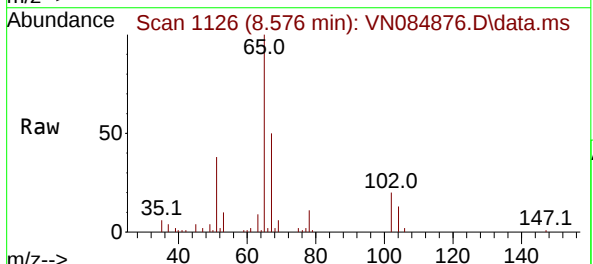
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

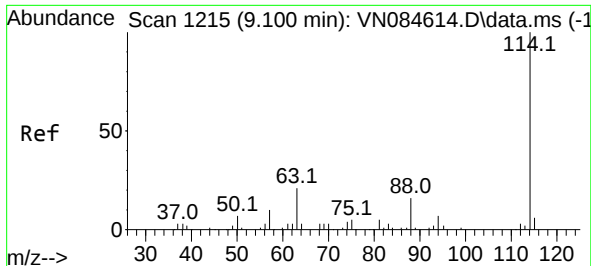
Tgt Ion: 56 Resp: 580
Ion Ratio Lower Upper
56 100
89 0.0 3.0 4.4#
84 0.0 70.6 106.0#



#27
1,2-Dichloroethane-d4
Concen: 30.808 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 65 Resp: 60380
Ion Ratio Lower Upper
65 100
67 53.2 40.7 61.1

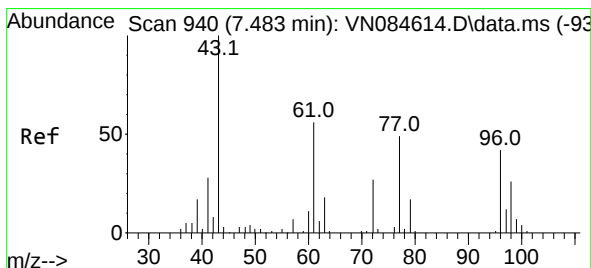
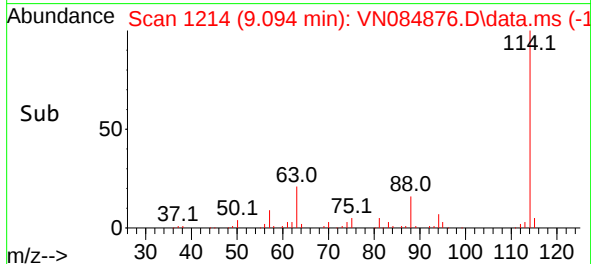
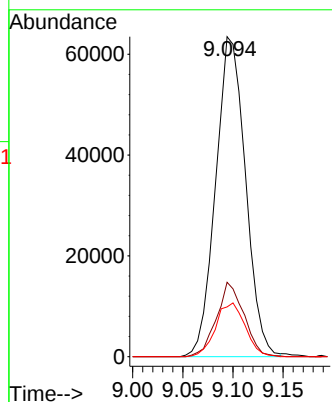
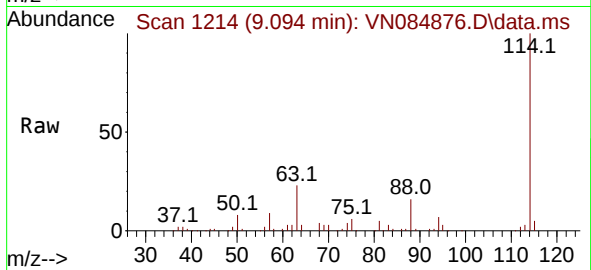




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

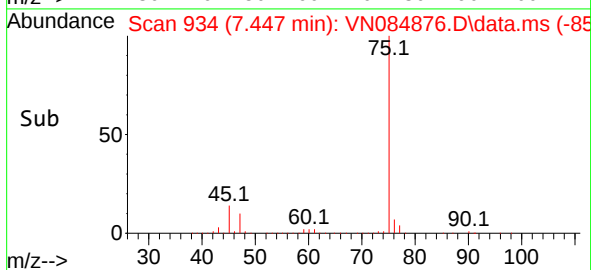
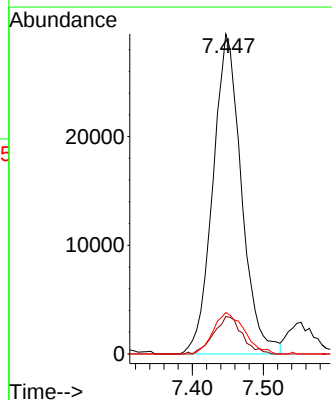
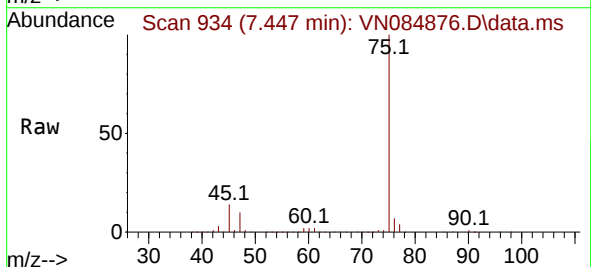
Instrument :
MSVOA_N
ClientSampleId :
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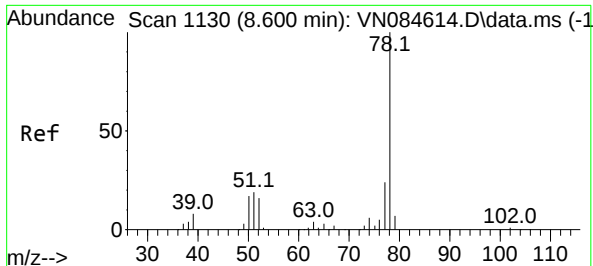
Tgt Ion:114 Resp: 131256
Ion Ratio Lower Upper
114 100
63 21.4 16.8 25.2
88 16.7 12.9 19.3



#30
2-Butanone
Concen: 90.235 ug/l
RT: 7.447 min Scan# 934
Delta R.T. -0.035 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 43 Resp: 82290
Ion Ratio Lower Upper
43 100
57 11.6 6.2 9.4#
72 13.8 21.5 32.3#

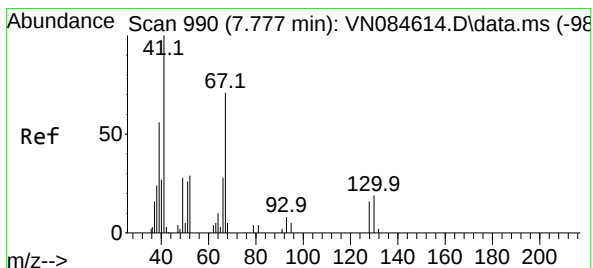
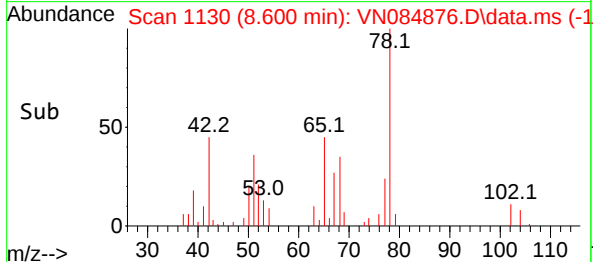
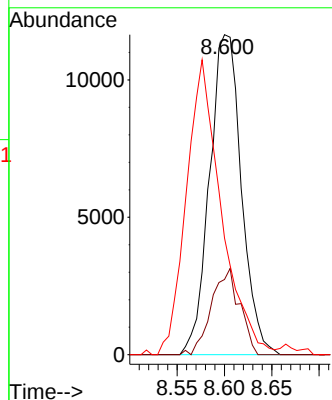
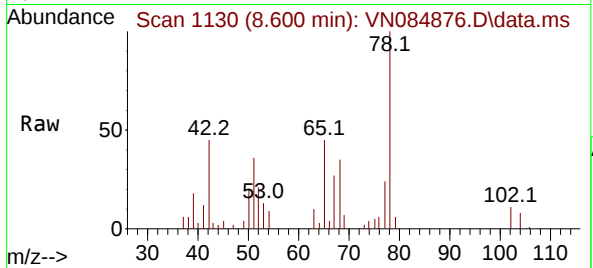




#34
Benzene
Concen: 4.172 ug/l
RT: 8.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

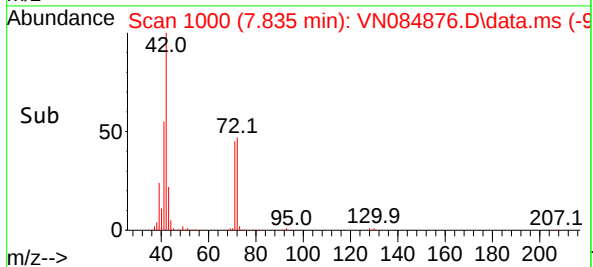
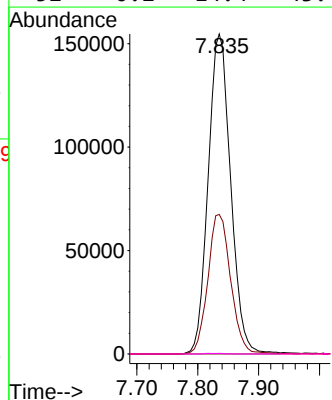
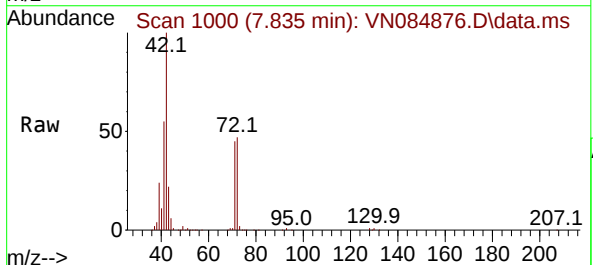
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

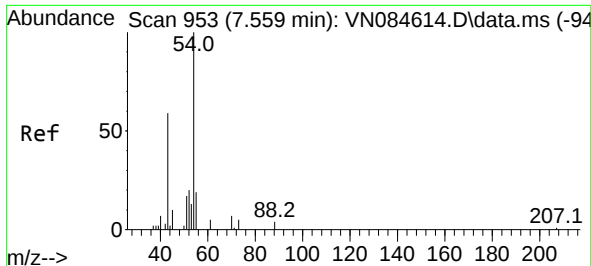
Tgt Ion: 78 Resp: 27262
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9
51 34.5 16.1 24.1#



#35
Methacrylonitrile
Concen: 367.051 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.059 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 41 Resp: 396725
Ion Ratio Lower Upper
41 100
39 43.6 28.2 84.6
67 0.0 35.6 106.8#
52 0.2 14.4 43.4#





#43

Ethyl Acetate

Concen: 3.985 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN084876.D

Acq: 15 Nov 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

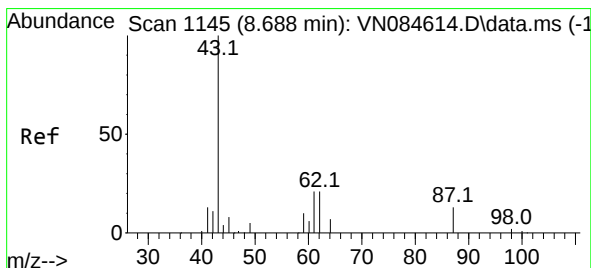
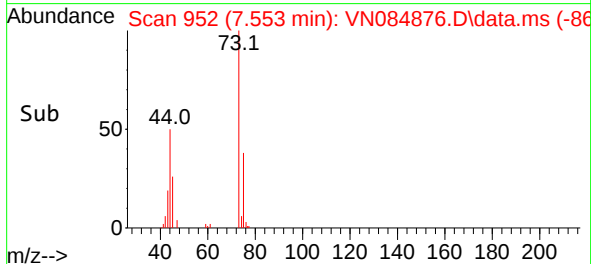
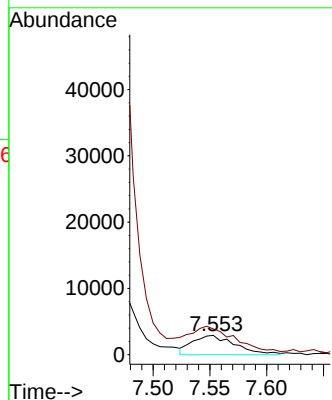
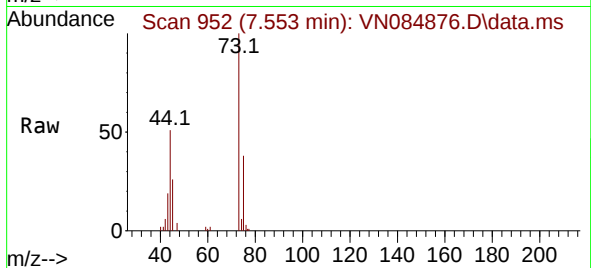
241113075-01-VOA

Tgt Ion: 43 Resp: 7637

Ion Ratio Lower Upper

43 100

45 168.5 11.0 16.4#



#44

Isopropyl Acetate

Concen: 2.578 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. -0.030 min

Lab File: VN084876.D

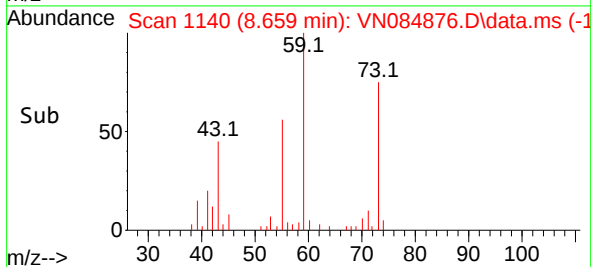
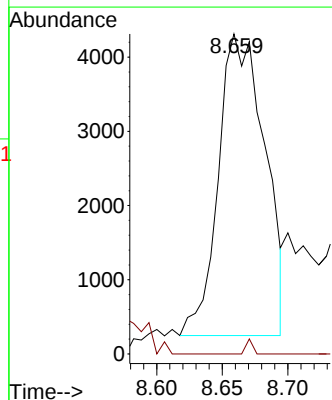
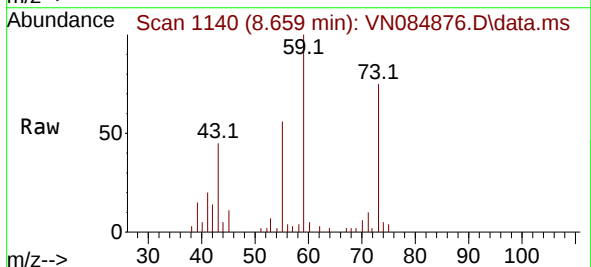
Acq: 15 Nov 2024 18:00

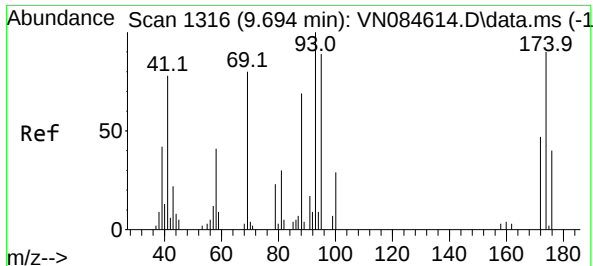
Tgt Ion: 43 Resp: 10004

Ion Ratio Lower Upper

43 100

61 0.0 19.8 29.8#

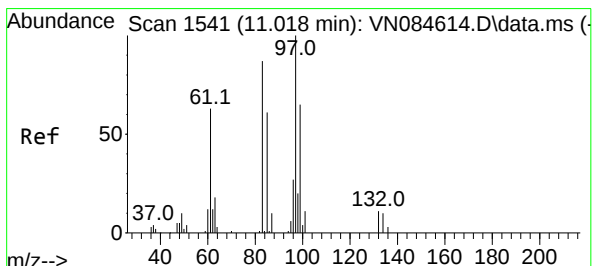
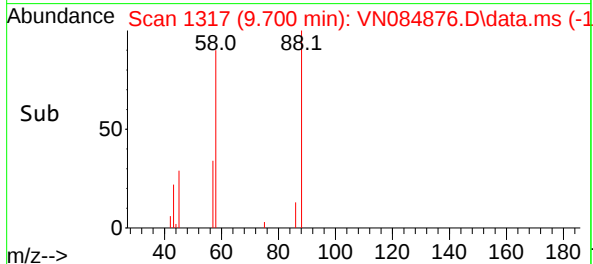
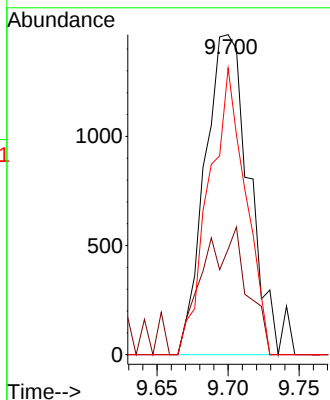
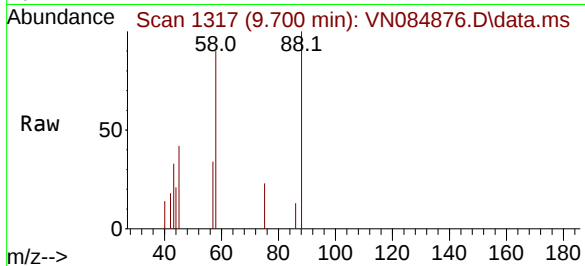




#45
1,4-Dioxane
Concen: 121.599 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

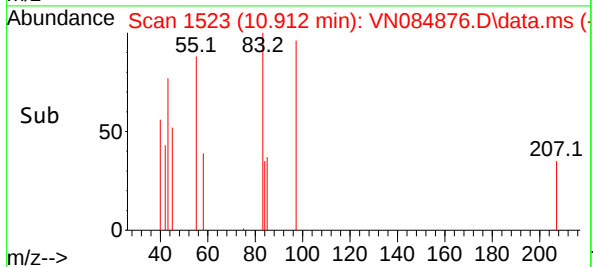
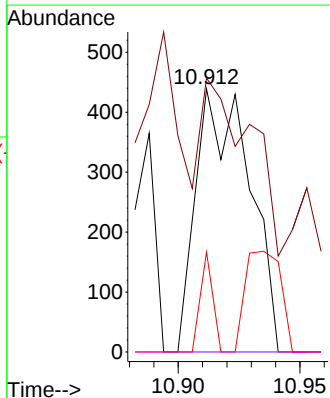
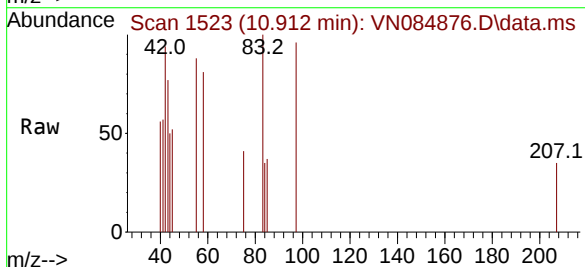
Instrument :
MSVOA_N
ClientSampleId :
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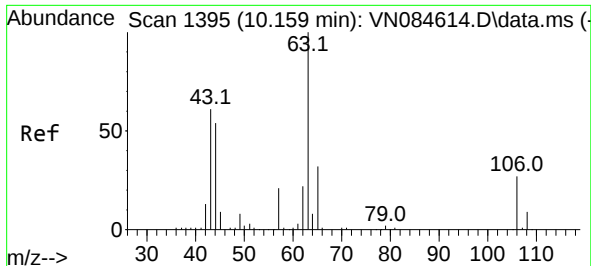
Tgt Ion: 88 Resp: 3150
Ion Ratio Lower Upper
88 100
43 8.1 20.8 31.2#
58 75.1 53.4 80.2



#50
1,1,2-Trichloroethane
Concen: 0.455 ug/l
RT: 10.912 min Scan# 1523
Delta R.T. -0.106 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 97 Resp: 671
Ion Ratio Lower Upper
97 100
83 67.7 69.8 104.8#
85 38.0 48.6 73.0#
99 0.0 52.9 79.3#

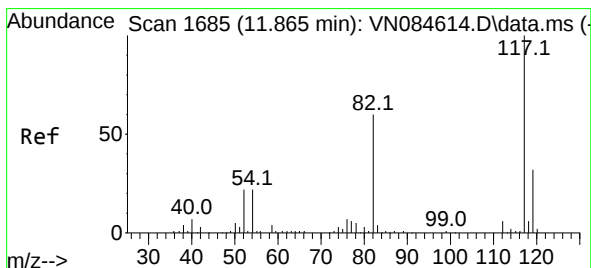
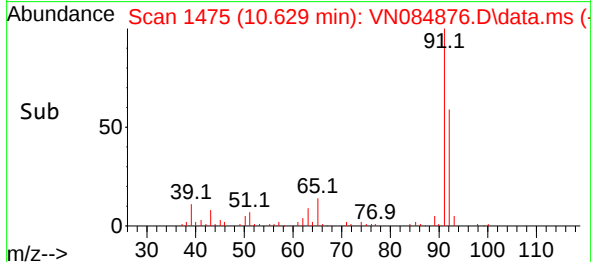
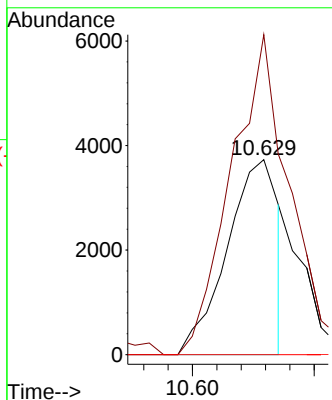
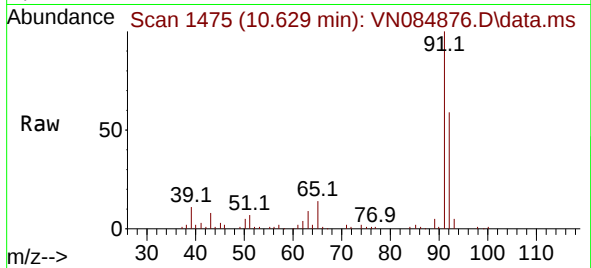




#55
2-Chloroethyl vinyl ether
Concen: 4.930 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.470 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

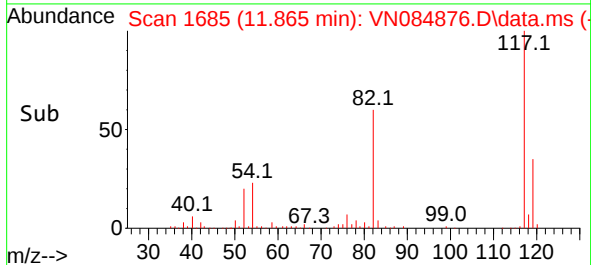
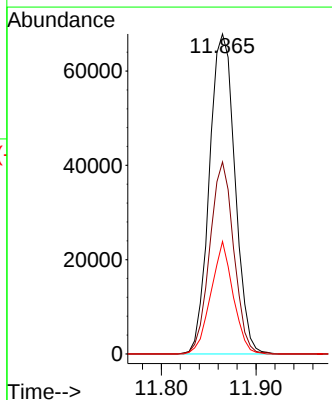
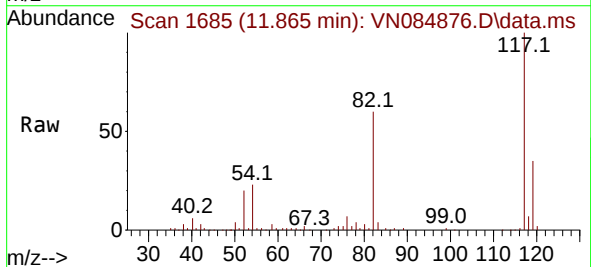
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MSVOA_N
ClientSampleId :
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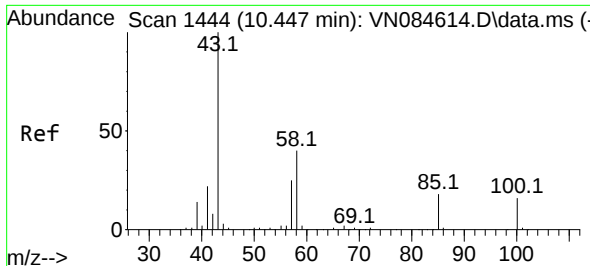
Tgt Ion: 63 Resp: 5500
Ion Ratio Lower Upper
63 100
65 145.2 25.5 38.3#
106 0.0 22.3 33.5#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 117 Resp: 127289
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 30.7 25.3 37.9

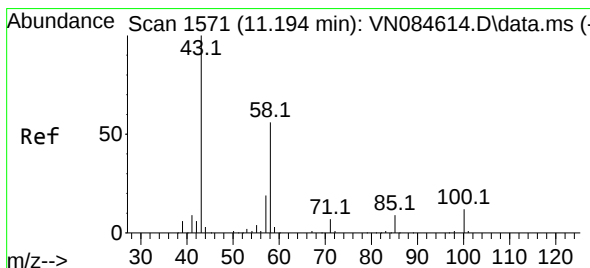
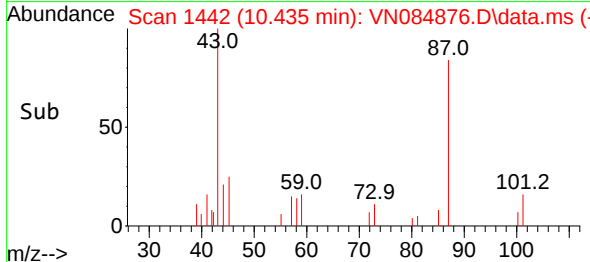
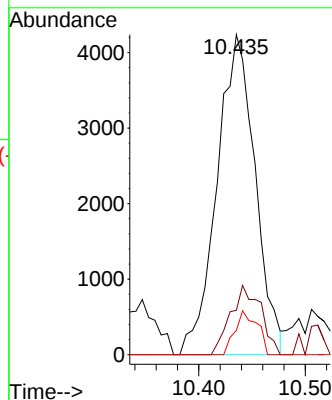
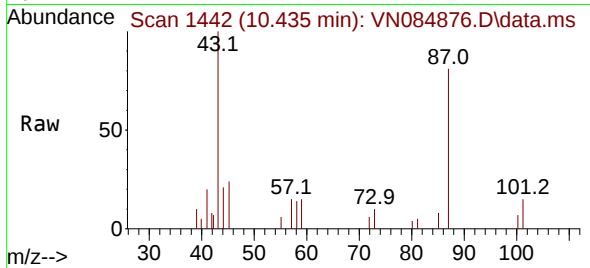




#58
4-Methyl-2-Pentanone
Concen: 5.255 ug/l
RT: 10.435 min Scan# 1444
Delta R.T. -0.012 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

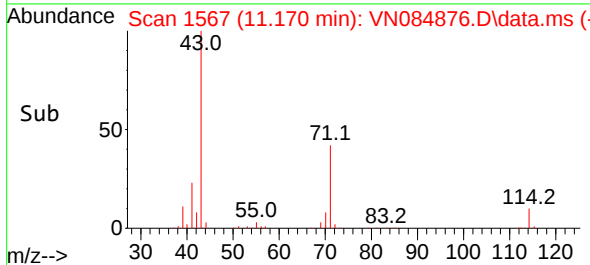
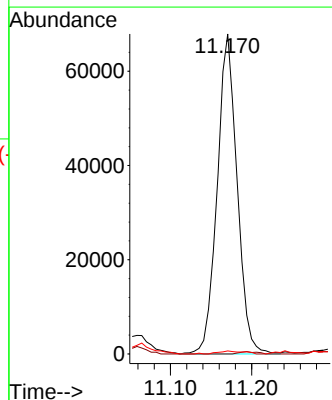
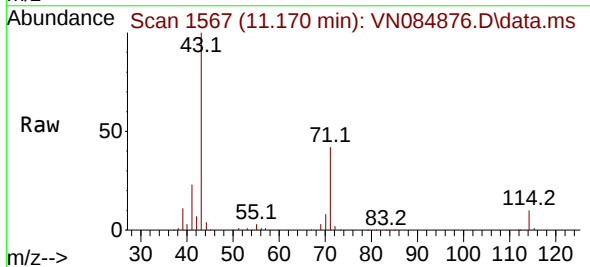
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ClientSampleId :
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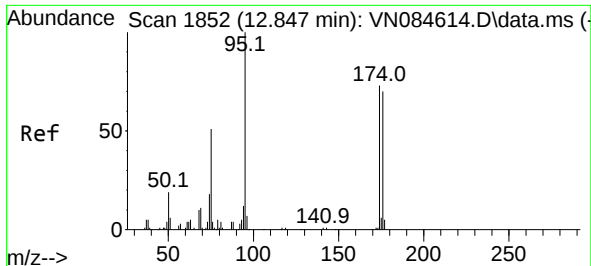
Tgt Ion: 43 Resp: 10552
Ion Ratio Lower Upper
43 100
58 10.9 31.2 46.8#
85 8.0 14.9 22.3#



#59
2-Hexanone
Concen: 78.803 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 43 Resp: 115878
Ion Ratio Lower Upper
43 100
58 0.4 43.8 65.6#
57 0.8 15.0 22.6#

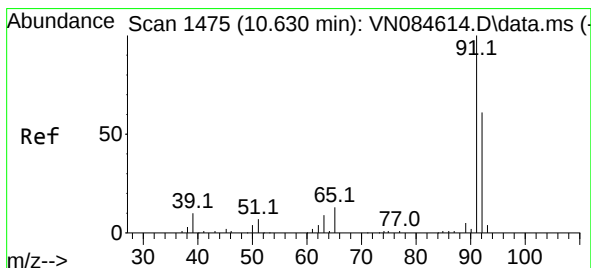
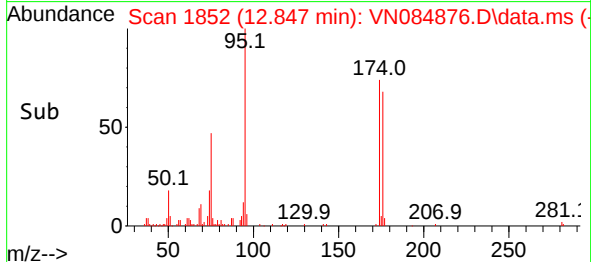
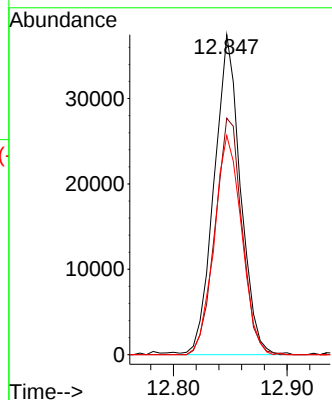
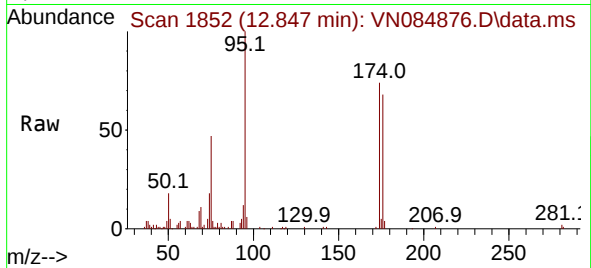




#60
4-Bromofluorobenzene
Concen: 27.504 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

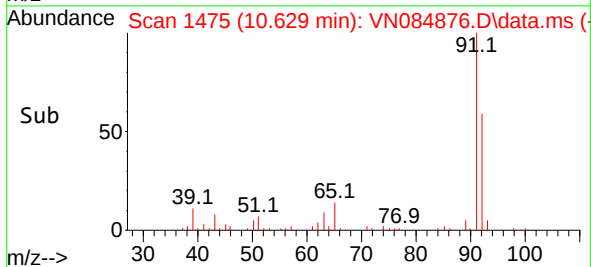
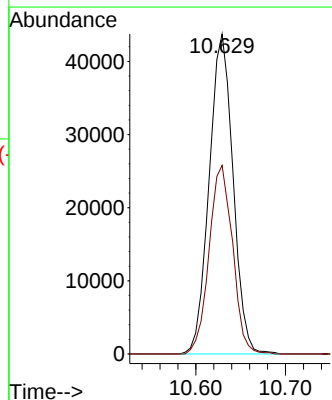
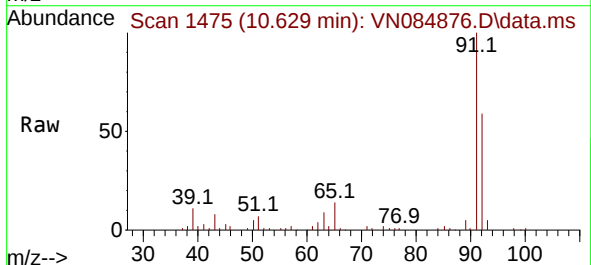
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

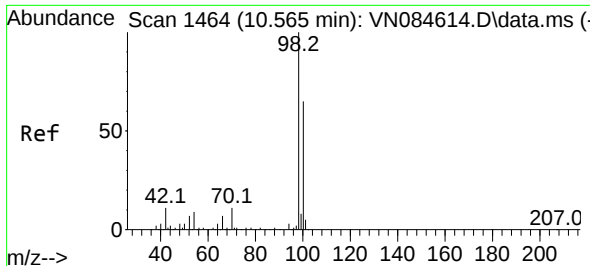
Tgt Ion: 95 Resp: 60280
Ion Ratio Lower Upper
95 100
174 75.5 59.6 89.4
176 71.4 58.6 88.0



#62
Toluene
Concen: 11.140 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 91 Resp: 80765
Ion Ratio Lower Upper
91 100
92 58.1 47.5 71.3

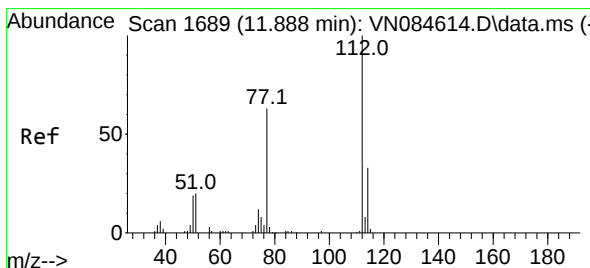
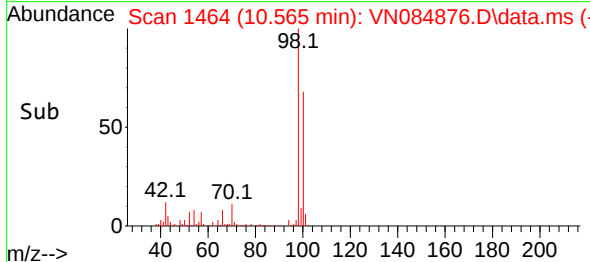
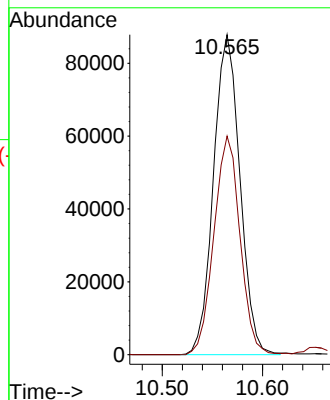
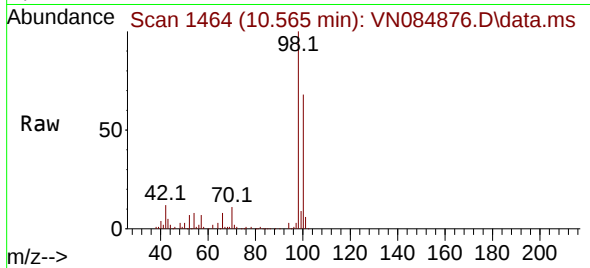




#63
Toluene-d8
Concen: 26.743 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

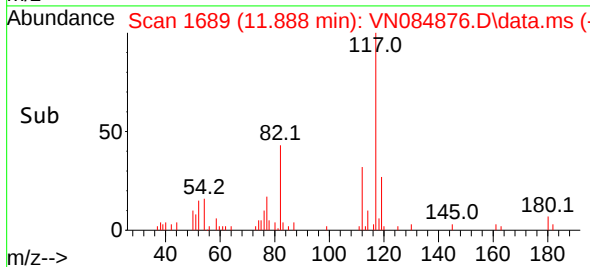
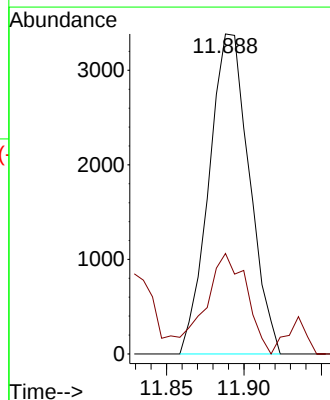
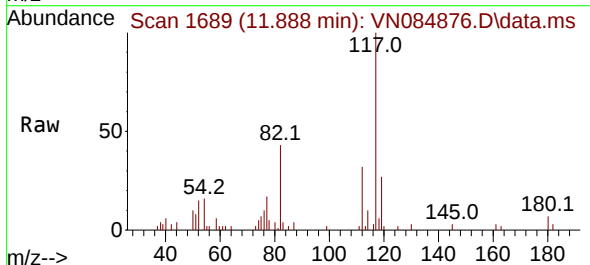
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

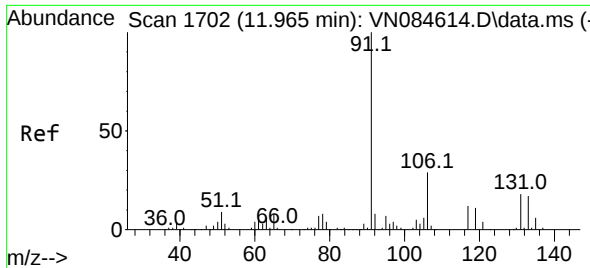
Tgt Ion: 98 Resp: 161151
Ion Ratio Lower Upper
98 100
100 67.3 52.2 78.2



#64
Chlorobenzene
Concen: 1.401 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion:112 Resp: 6131
Ion Ratio Lower Upper
112 100
114 26.2 26.2 39.4#

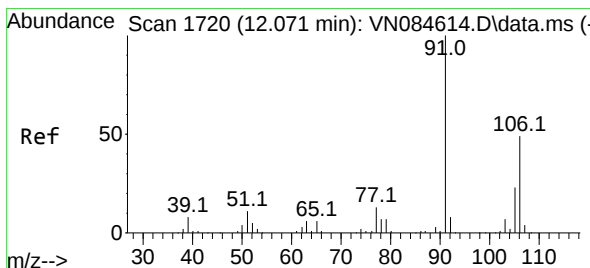
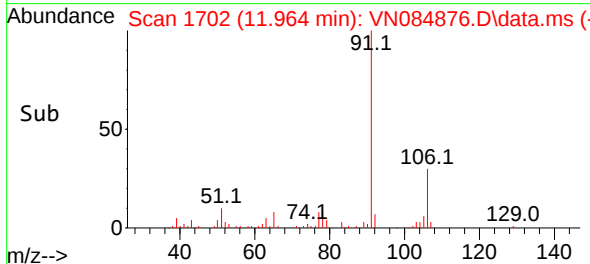
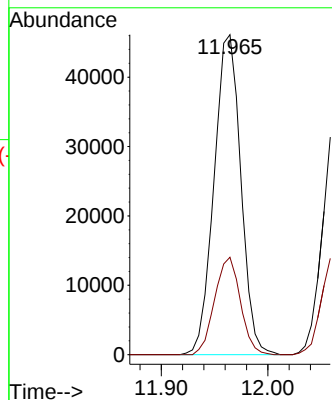
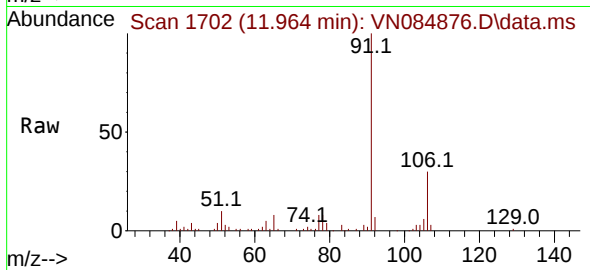




#66
Ethyl Benzene
Concen: 10.561 ug/l
RT: 11.964 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

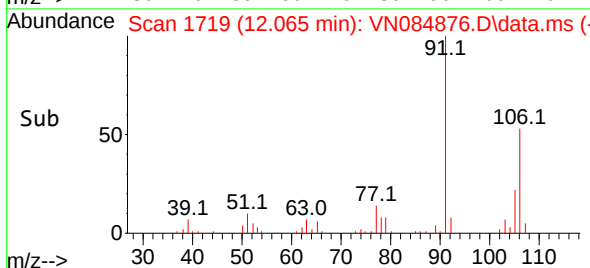
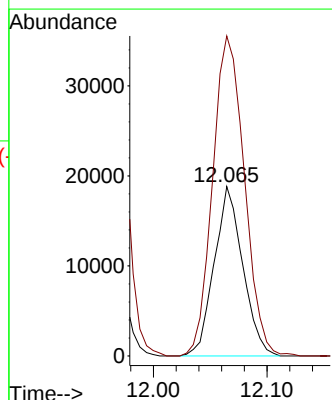
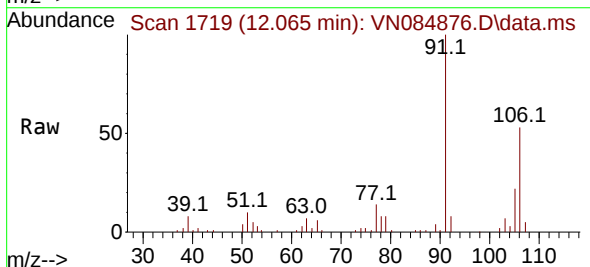
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

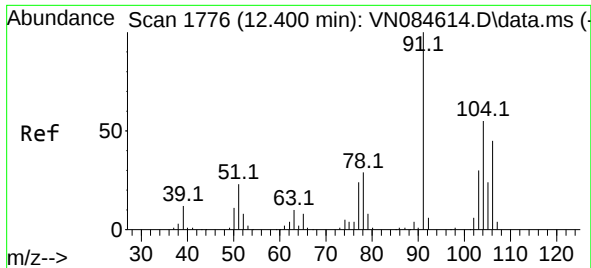
Tgt Ion: 91 Resp: 80469
Ion Ratio Lower Upper
91 100
106 30.4 22.9 34.3



#67
m/p-Xylenes
Concen: 11.281 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 106 Resp: 32906
Ion Ratio Lower Upper
106 100
91 209.6 168.1 252.1

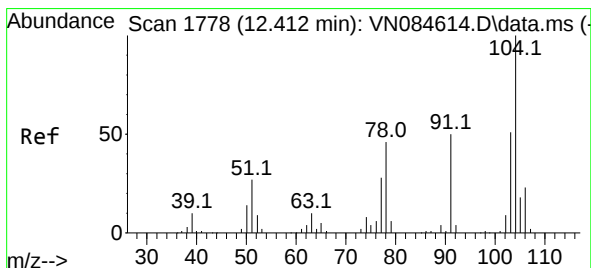
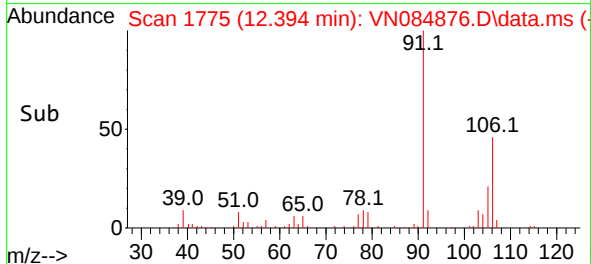
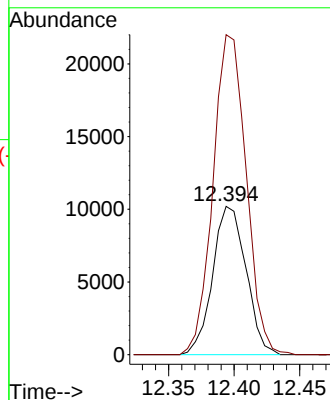
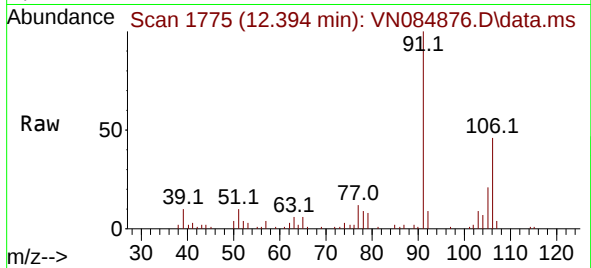




#68
o-Xylene
Concen: 6.420 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

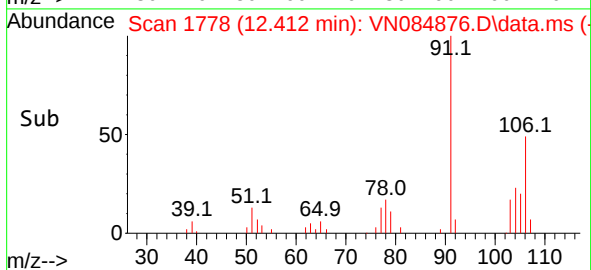
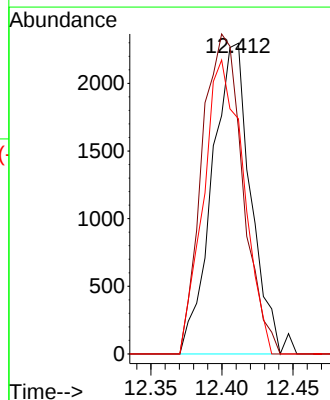
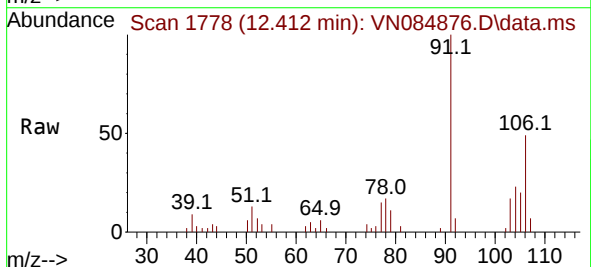
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

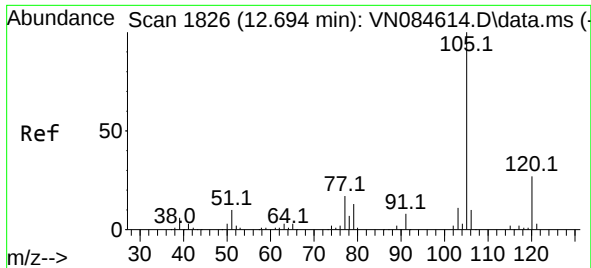
Tgt Ion:106 Resp: 18066
Ion Ratio Lower Upper
106 100
91 214.4 107.7 322.9



#69
Styrene
Concen: 0.918 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion:104 Resp: 4332
Ion Ratio Lower Upper
104 100
78 109.4 41.5 62.3#
103 97.9 44.6 67.0#

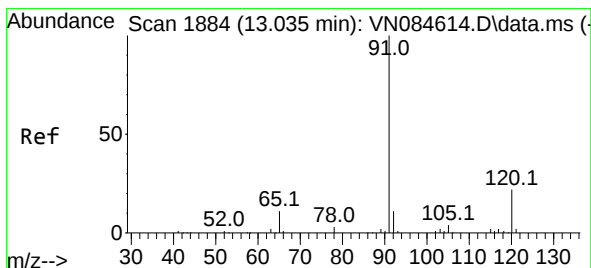
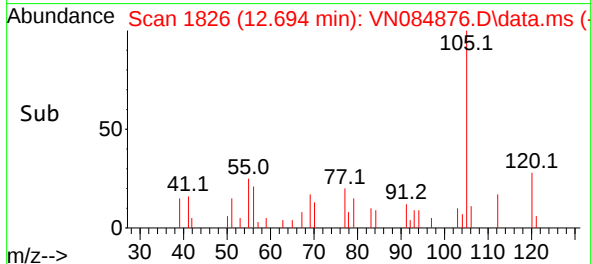
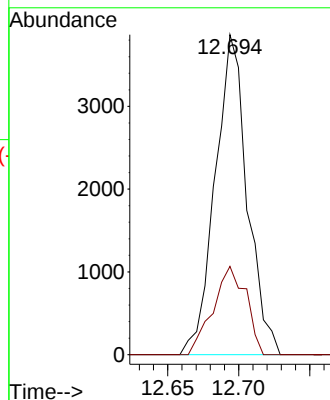
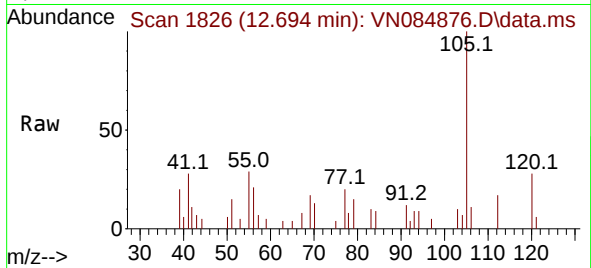




#70
Isopropylbenzene
Concen: 0.869 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

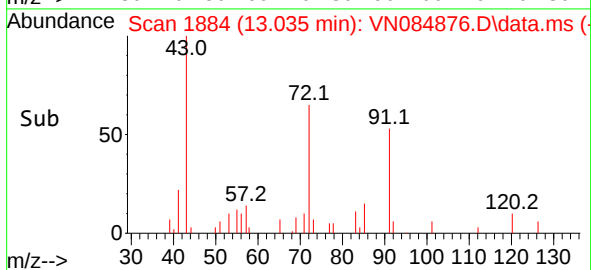
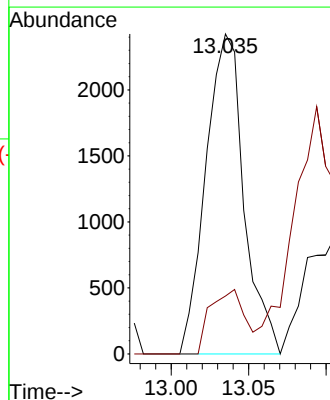
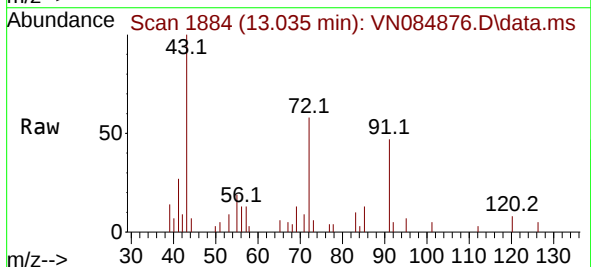
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

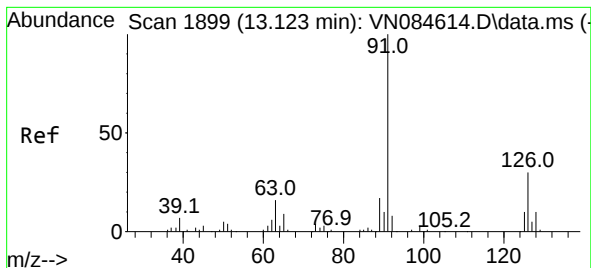
Tgt Ion:105 Resp: 6074
Ion Ratio Lower Upper
105 100
120 28.4 18.7 34.7



#74
n-propylbenzene
Concen: 0.507 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 91 Resp: 4142
Ion Ratio Lower Upper
91 100
120 18.2 0.0 44.0





#75

2-Chlorotoluene

Concen: 0.213 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN084876.D

Acq: 15 Nov 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

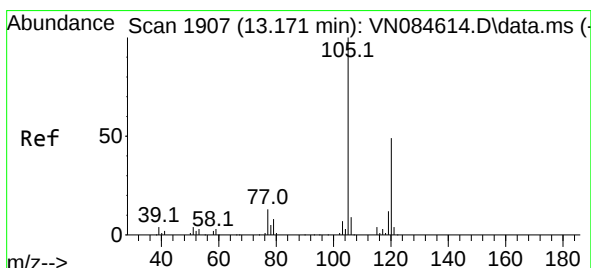
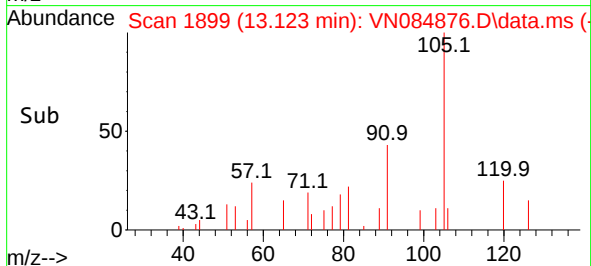
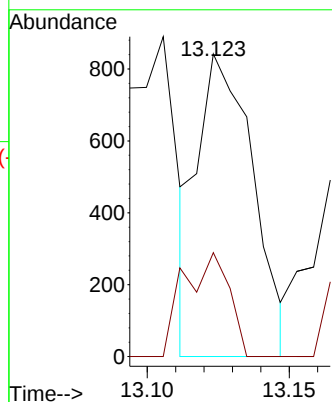
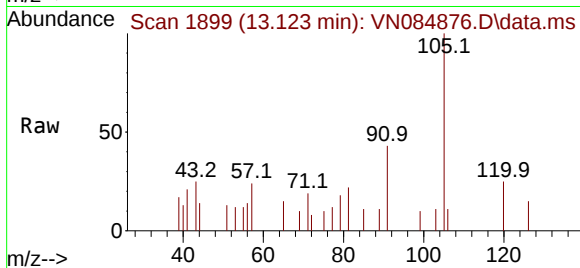
241113075-01-VOA

Tgt Ion: 91 Resp: 1134

Ion Ratio Lower Upper

91 100

126 28.1 0.0 60.8



#76

1,3,5-Trimethylbenzene

Concen: 1.023 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084876.D

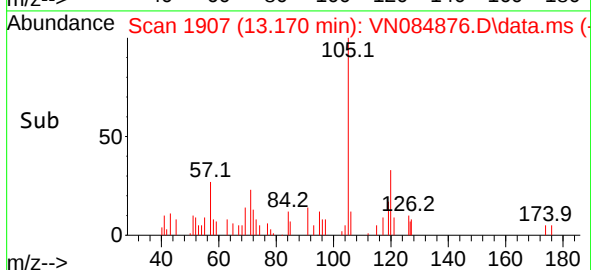
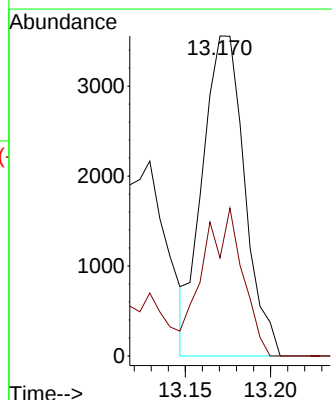
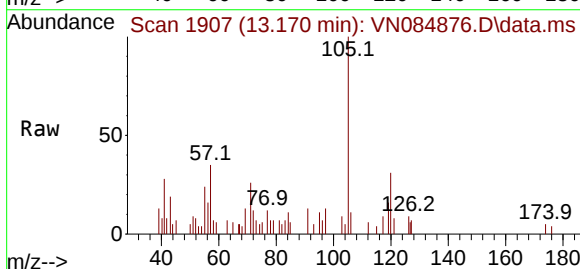
Acq: 15 Nov 2024 18:00

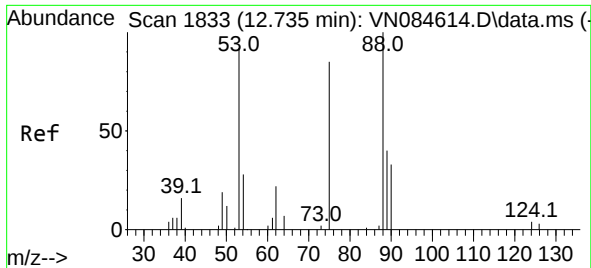
Tgt Ion: 105 Resp: 6111

Ion Ratio Lower Upper

105 100

120 43.1 0.0 96.8

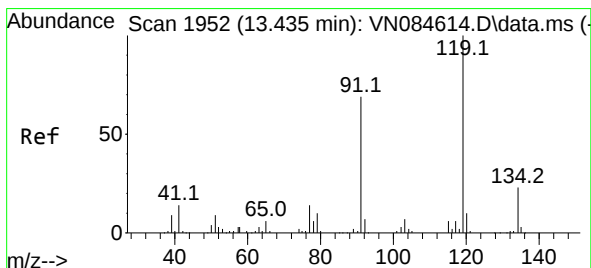
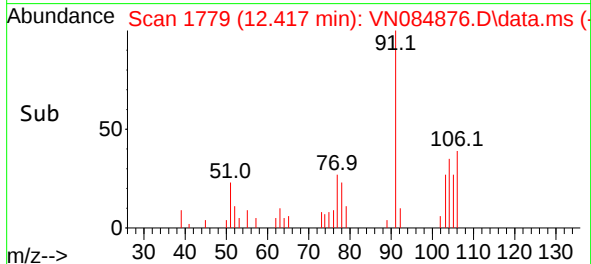
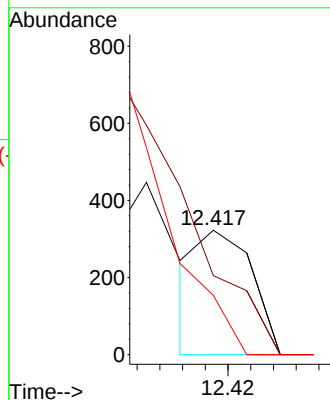
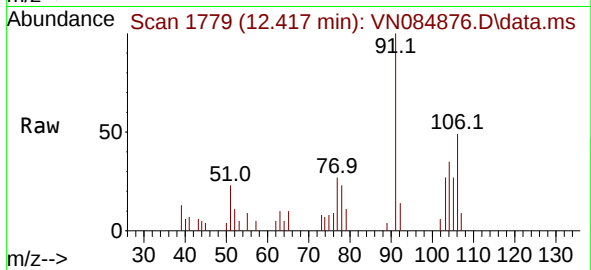




#77
t-1,4-Dichloro-2-butene
Concen: 0.261 ug/l
RT: 12.417 min Scan# 11
Delta R.T. -0.318 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

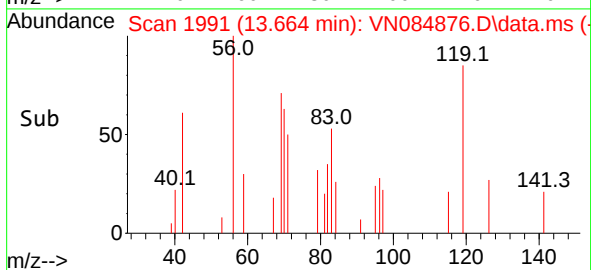
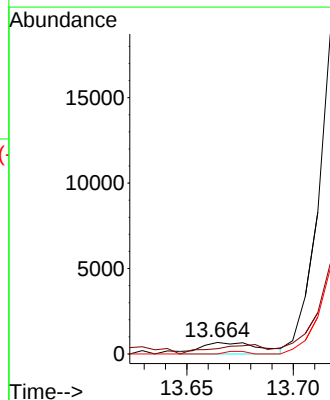
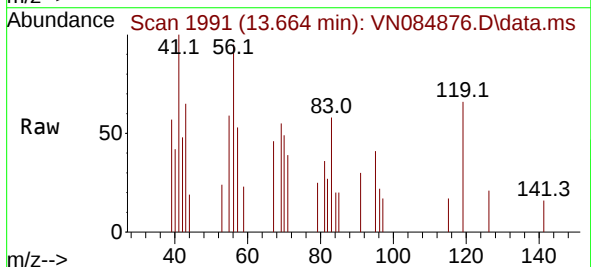
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

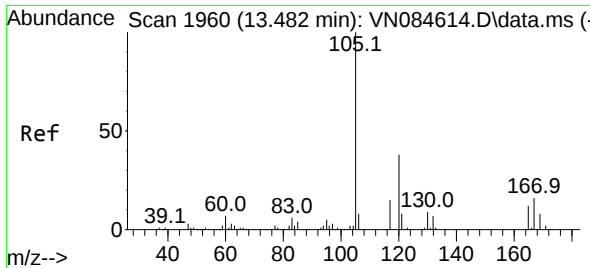
Tgt Ion: 75 Resp: 207
Ion Ratio Lower Upper
75 100
53 63.5 52.4 157.2
89 47.7 26.0 78.0



#79
tert-butylbenzene
Concen: 0.261 ug/l
RT: 13.664 min Scan# 1991
Delta R.T. 0.229 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 119 Resp: 1287
Ion Ratio Lower Upper
119 100
91 70.1 0.0 143.2
134 8.3 0.0 49.4

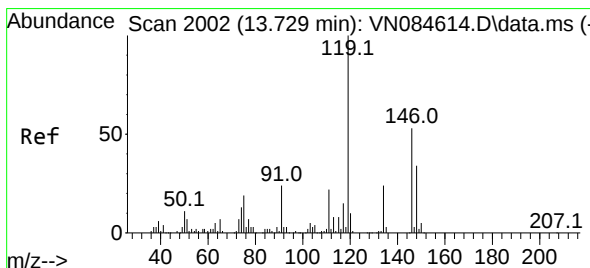
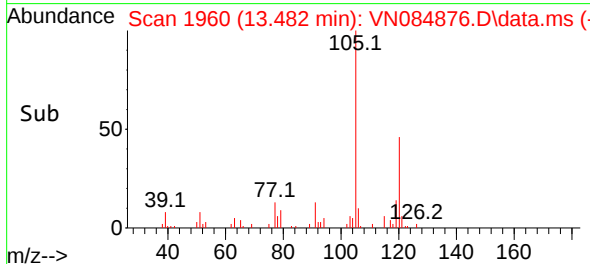
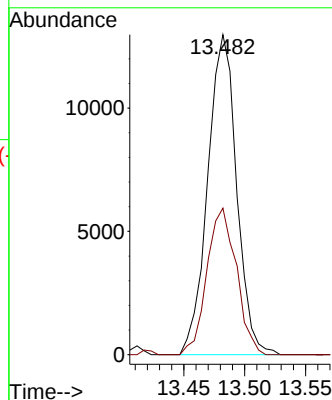
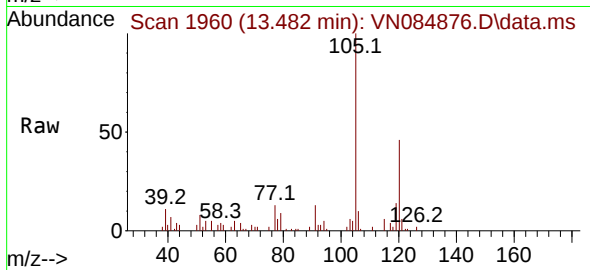




#80
1,2,4-Trimethylbenzene
Concen: 3.564 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

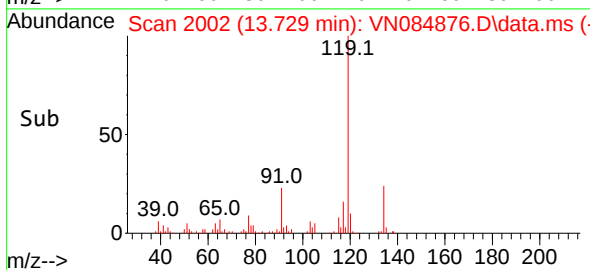
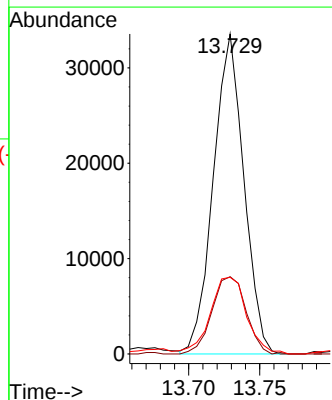
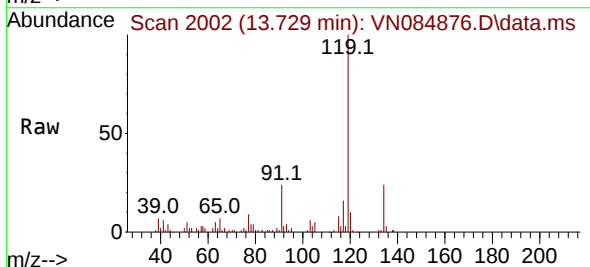
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MSVOA_N
ClientSampleId :
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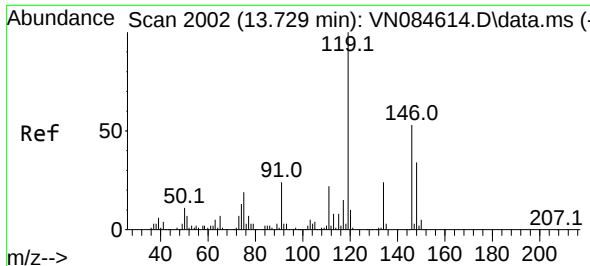
Tgt Ion:105 Resp: 21472
Ion Ratio Lower Upper
105 100
120 46.6 0.0 90.4



#82
p-Isopropyltoluene
Concen: 8.766 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion:119 Resp: 50130
Ion Ratio Lower Upper
119 100
134 26.8 0.0 51.4
91 28.5 0.0 50.4

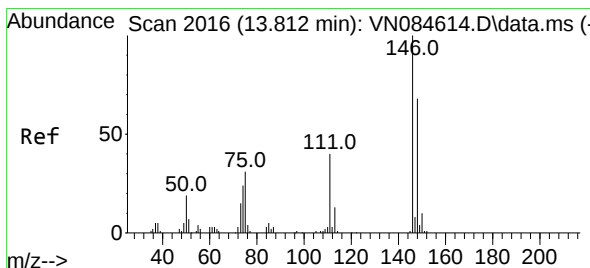
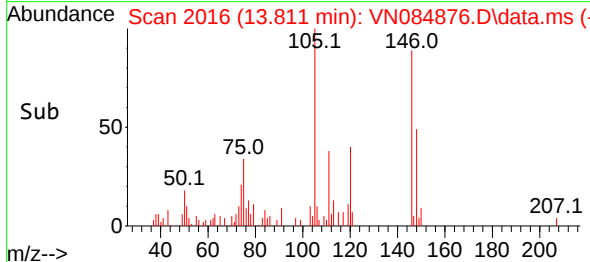
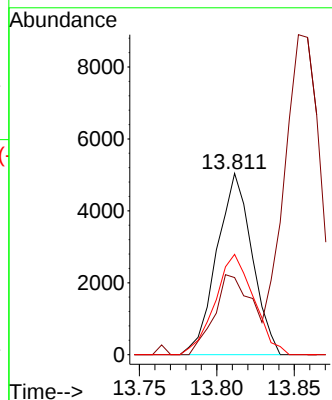
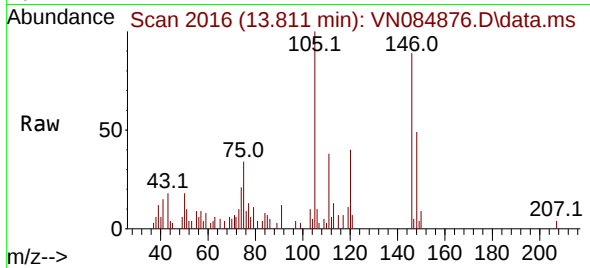




#83
1,3-Dichlorobenzene
Concen: 2.397 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.082 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

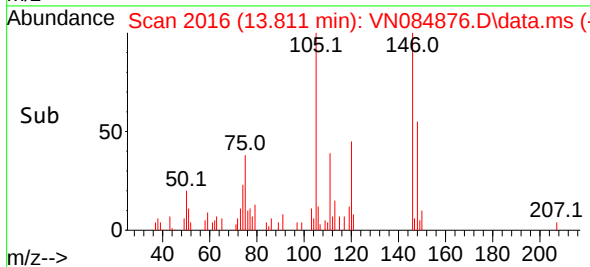
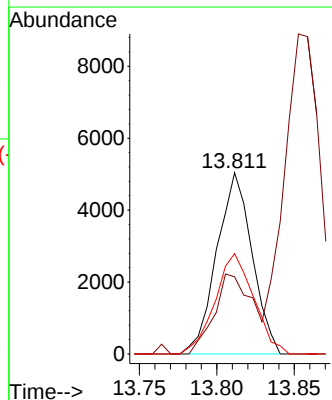
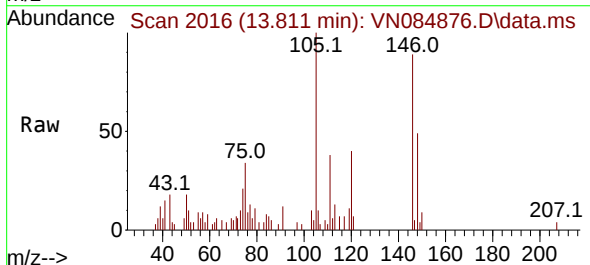
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

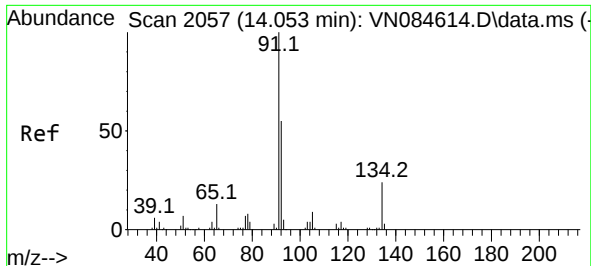
Tgt Ion:146 Resp: 7992
Ion Ratio Lower Upper
146 100
111 47.4 21.0 63.0
148 60.6 31.3 93.8



#84
1,4-Dichlorobenzene
Concen: 2.426 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion:146 Resp: 7992
Ion Ratio Lower Upper
146 100
111 47.4 20.2 60.5
148 60.6 32.6 98.0

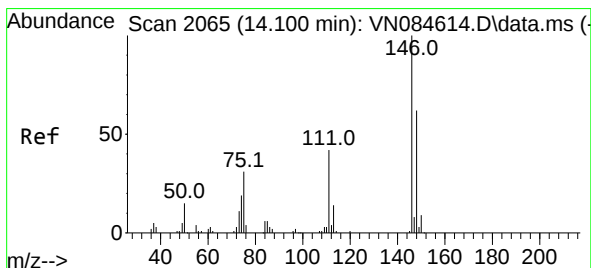
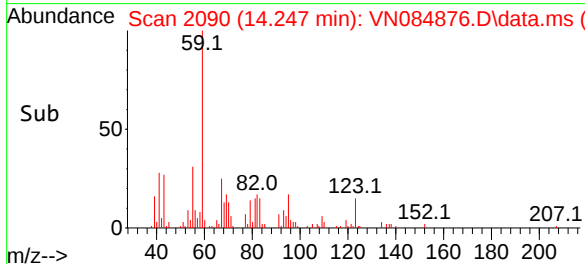
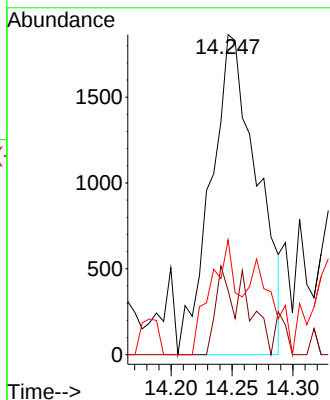
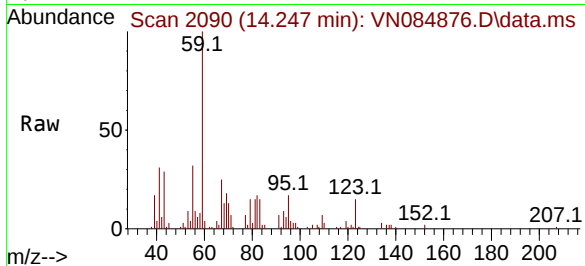




#85
n-Butylbenzene
Concen: 1.027 ug/l
RT: 14.247 min Scan# 2057
Delta R.T. 0.194 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

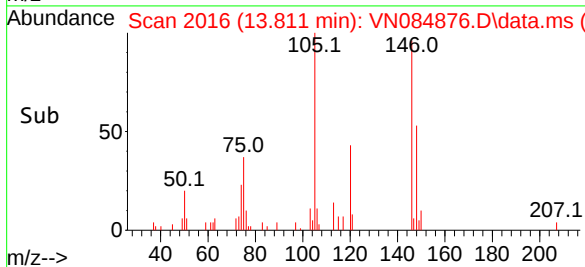
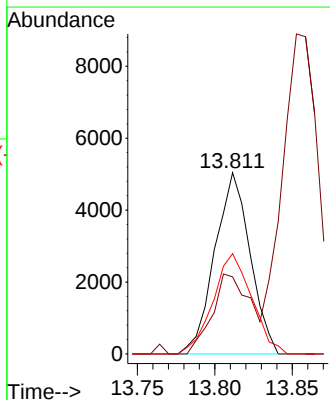
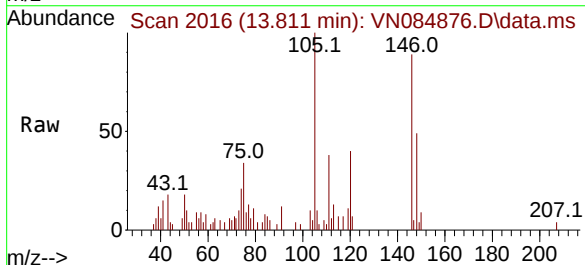
Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

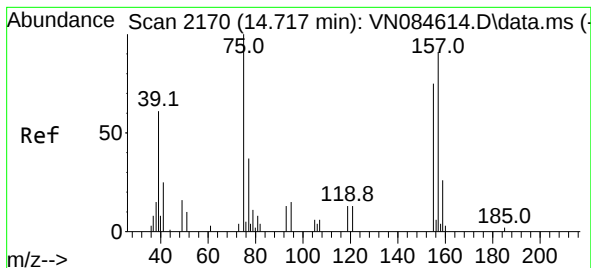
Tgt Ion: 91 Resp: 4932
Ion Ratio Lower Upper
91 100
92 9.4 0.0 106.2
134 20.7 0.0 48.2



#87
1,2-Dichlorobenzene
Concen: 2.432 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.288 min
Lab File: VN084876.D
Acq: 15 Nov 2024 18:00

Tgt Ion: 146 Resp: 7992
Ion Ratio Lower Upper
146 100
111 47.4 22.4 67.0
148 60.6 32.6 98.0

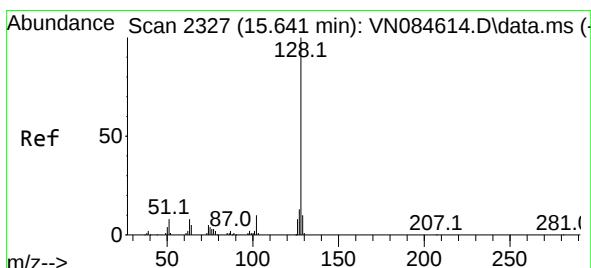
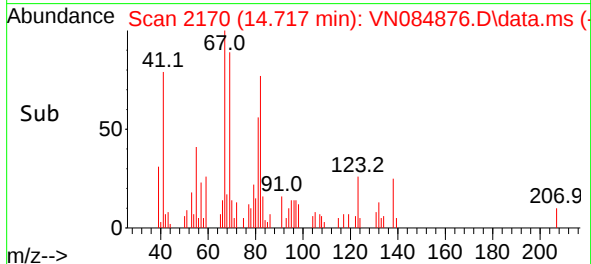
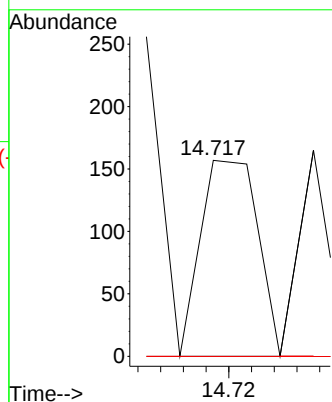
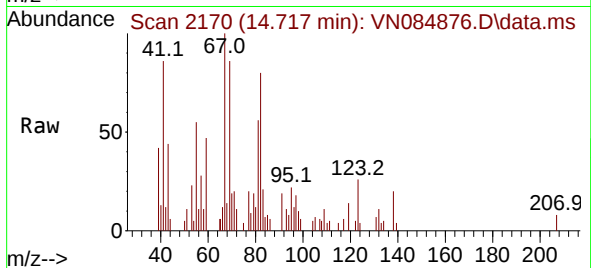




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 0.252 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN084876.D
 Acq: 15 Nov 2024 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 241113075-01-VOA

Tgt Ion: 75 Resp: 110
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.8 92.6#
 157 0.0 74.7 112.1#



#91
 Naphthalene
 Concen: 24.238 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.000 min
 Lab File: VN084876.D
 Acq: 15 Nov 2024 18:00

Tgt Ion: 128 Resp: 123830
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 10.5 8.6 12.8

