

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076734.D
 Acq On : 17 Feb 2023 15:04
 Operator : JC\MD
 Sample : 01578-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230215027-02-VOA

Quant Time: Feb 18 02:08:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	28772	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	201788	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	220548	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	84601	32.149	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.167%	
60) 4-Bromofluorobenzene	12.854	95	109788	28.143	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.800%	
63) Toluene-d8	10.571	98	223378	28.916	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 96.400%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.525	62	2934	0.735	ug/l #	74
5) Bromomethane	2.972	94	705	0.256	ug/l #	26
6) Chloroethane	3.137	64	639	0.247	ug/l #	45
8) Diethyl Ether	3.966	74	5542	2.808	ug/l	41
13) Acrolein	4.190	56	342	0.495	ug/l #	15
15) Acetone	4.442	58	132747	229.506	ug/l	96
22) cis-1,2-Dichloroethene	7.495	96	2859	0.783	ug/l #	5
23) tert-Butyl Alcohol	5.537	59	3697644	7161.822	ug/l	100
24) Methyl tert-Butyl Ether	5.807	73	25548	2.600	ug/l #	71
30) 2-Butanone	7.489	43	974977	363.135	ug/l	96
34) Benzene	8.613	78	93034	6.331	ug/l #	87
35) Methacrylonitrile	7.766	41	696	0.238	ug/l #	44
36) 1,2-Dichloroethane	8.677	62	1423	0.289	ug/l #	75
45) 1,4-Dioxane	9.695	88	6196	86.942	ug/l #	82
47) n-amyl Acetate	12.095	43	19269	2.591	ug/l	91
48) t-1,3-Dichloropropene	10.813	75	1111	0.224	ug/l	99
50) 1,1,2-Trichloroethane	10.919	97	2014	0.569	ug/l #	19
56) Bromoform	12.842	173	1151	0.460	ug/l #	1
58) 4-Methyl-2-Pentanone	10.448	43	38736	7.385	ug/l #	73
62) Toluene	10.630	91	74731	4.849	ug/l	97
64) Chlorobenzene	11.895	112	20509	2.233	ug/l	92
66) Ethyl Benzene	11.966	91	158758	9.689	ug/l	95
67) m/p-Xylenes	12.066	106	76791	11.984	ug/l	96
68) o-Xylene	12.401	106	42434	6.720	ug/l	96
69) Styrene	12.413	104	9482	0.935	ug/l #	31
70) Isopropylbenzene	12.701	105	35802	2.222	ug/l	99
74) n-propylbenzene	13.036	91	8546	0.445	ug/l	84
75) 2-Chlorotoluene	13.130	91	2339	0.205	ug/l	72
76) 1,3,5-Trimethylbenzene	13.177	105	11092	0.826	ug/l	96
77) t-1,4-Dichloro-2-butene	12.689	75	778	0.522	ug/l	74
79) tert-butylbenzene	13.671	119	4694	0.395	ug/l	63
80) 1,2,4-Trimethylbenzene	13.489	105	50511	3.786	ug/l	95
82) p-Isopropyltoluene	13.736	119	45979	3.320	ug/l	95
83) 1,3-Dichlorobenzene	13.812	146	26847	3.759	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	26847	3.854	ug/l	95
85) n-Butylbenzene	14.242	91	9025	0.769	ug/l	65
86) Hexachloroethane	14.336	117	949	0.354	ug/l #	18
88) 1,2-Dibromo-3-Chloropr...	14.730	75	1222	1.251	ug/l #	5
91) Naphthalene	15.642	128	461864	39.208	ug/l	99

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Feb 16 01:08:46 2023
Response via : Initial Calibration

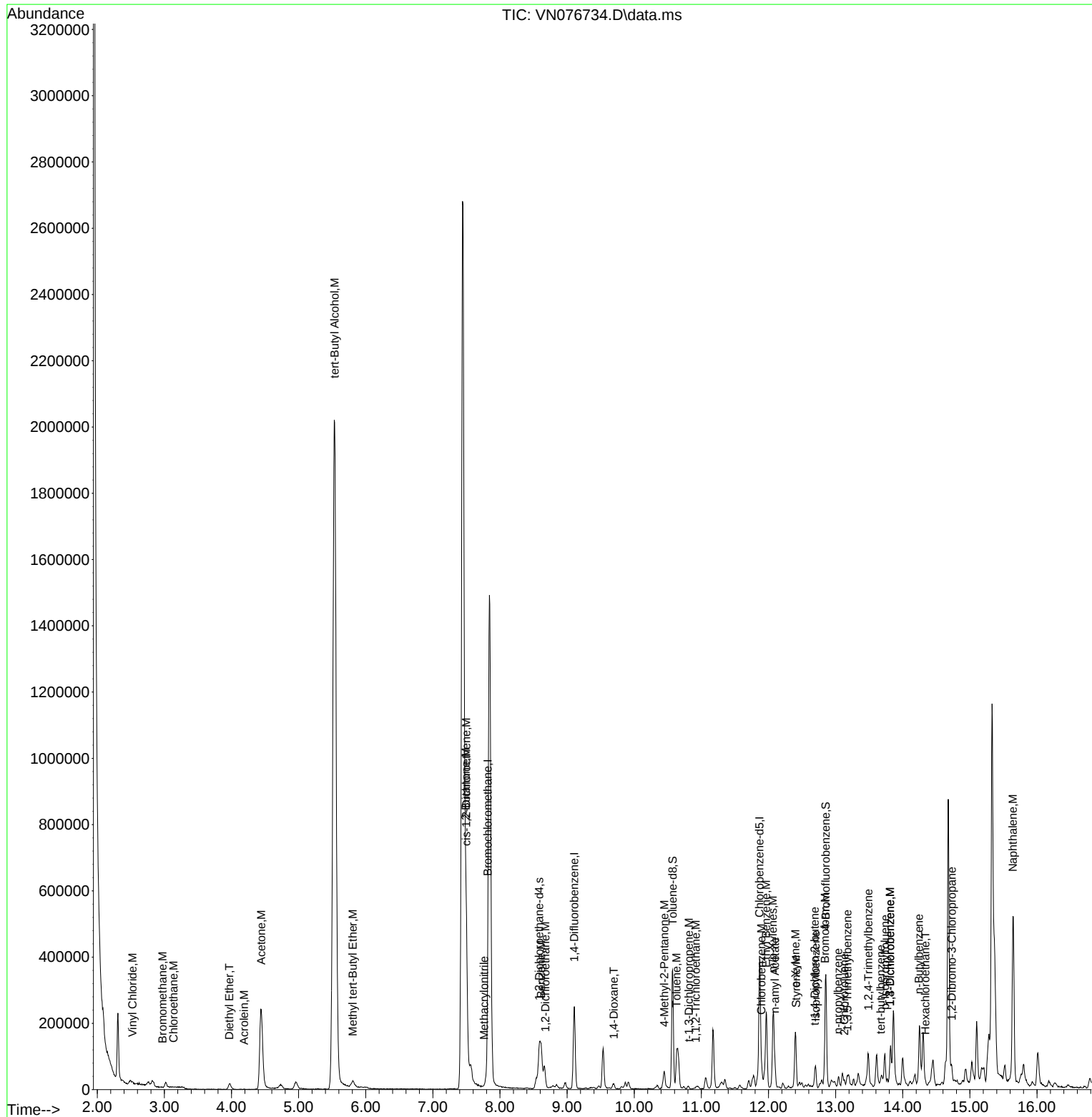
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

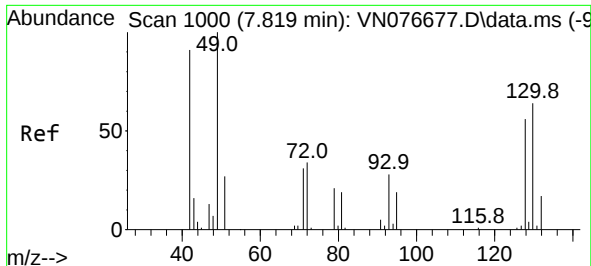
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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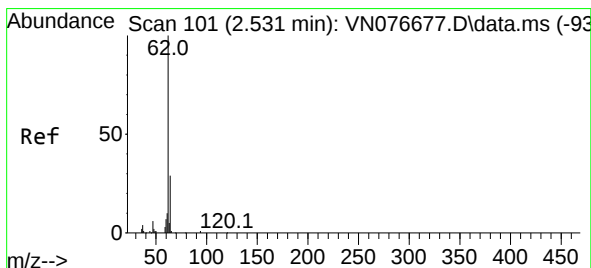
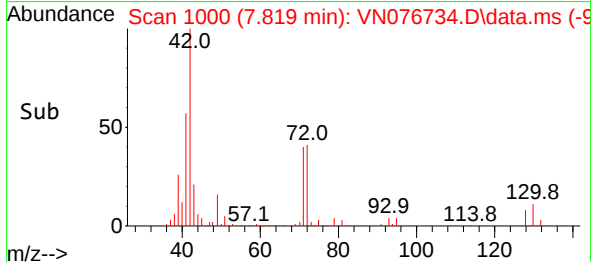
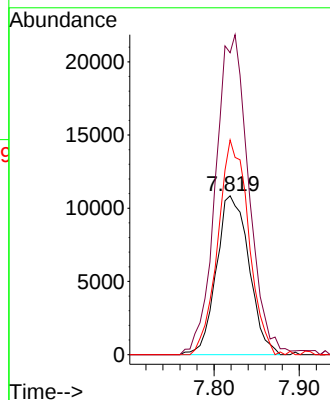
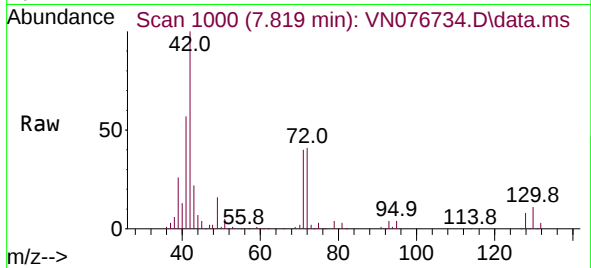




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

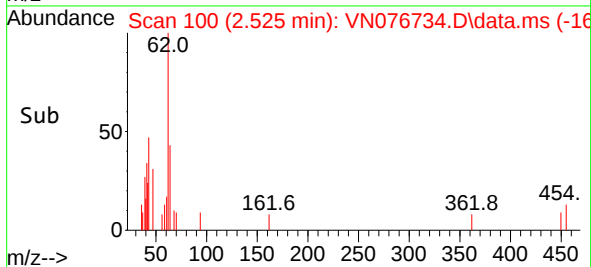
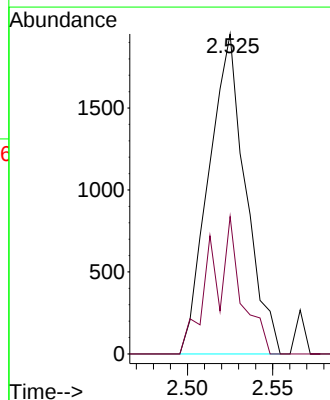
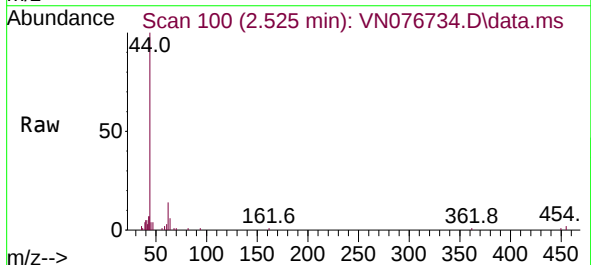
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

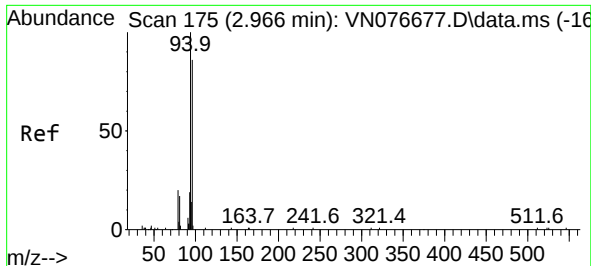
Tgt Ion:128 Resp: 28772
Ion Ratio Lower Upper
128 100
49 204.9 0.0 461.8
130 127.6 0.0 295.3



#4
Vinyl Chloride
Concen: 0.735 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 62 Resp: 2934
Ion Ratio Lower Upper
62 100
64 42.9 23.1 34.7#

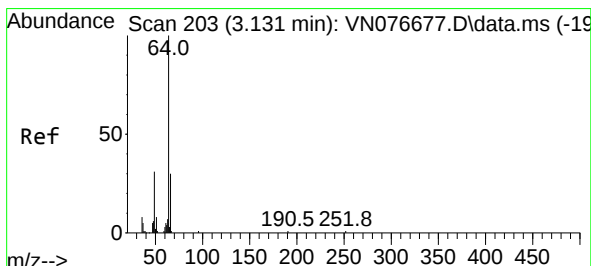
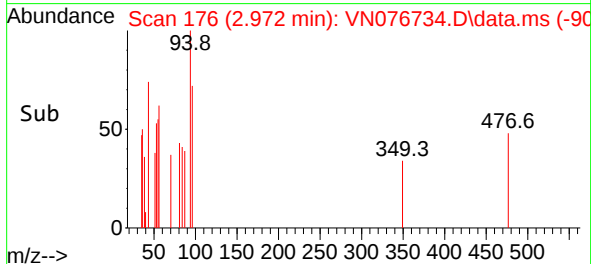
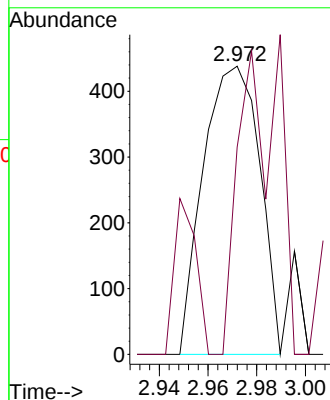
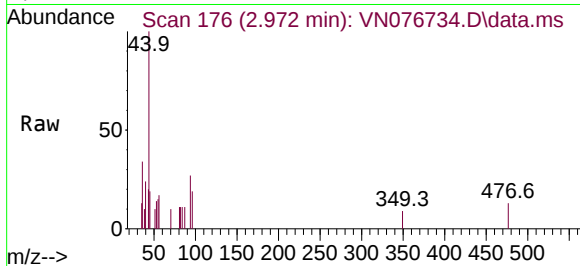




#5
Bromomethane
Concen: 0.256 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

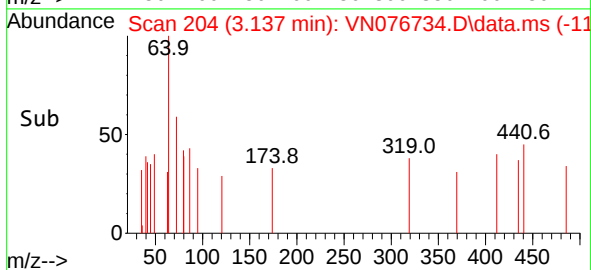
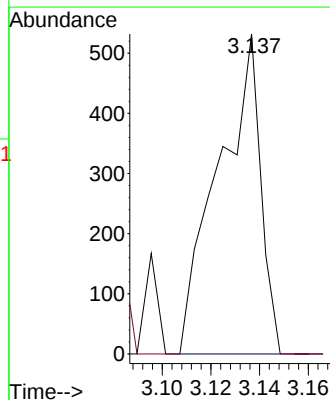
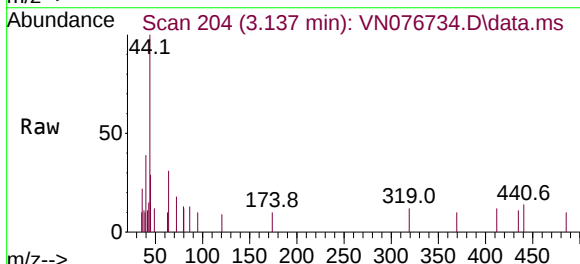
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MSVOA_N
ClientSampleId :
230215027-02-VOA

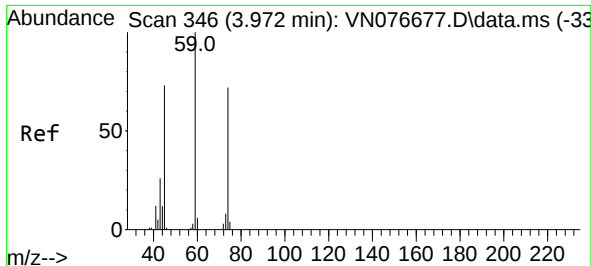
Tgt Ion: 94 Resp: 705
Ion Ratio Lower Upper
94 100
96 17.8 68.6 103.0#



#6
Chloroethane
Concen: 0.247 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 64 Resp: 639
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#

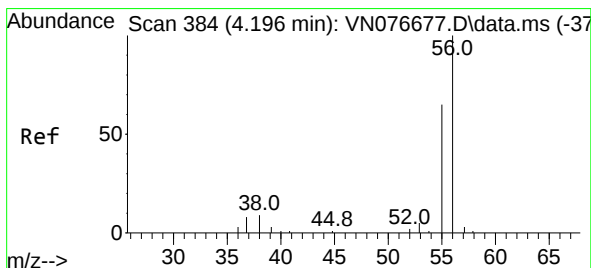
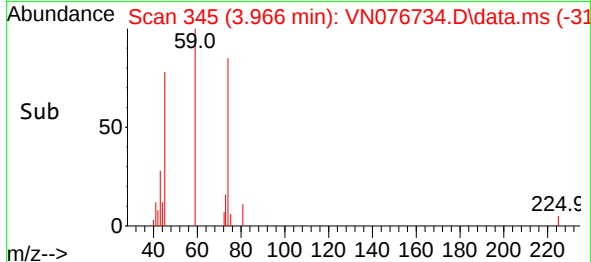
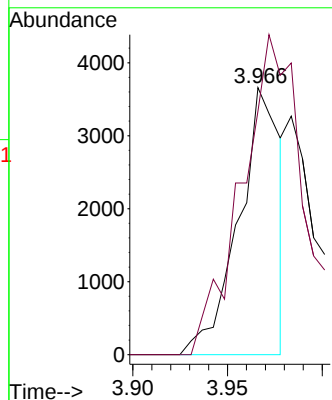
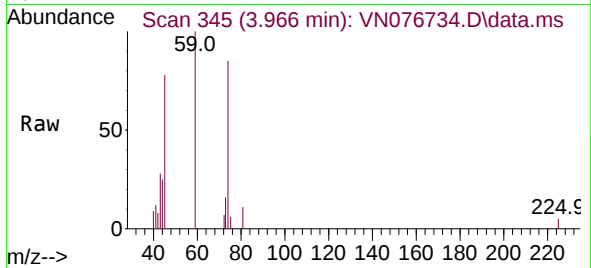




#8
Diethyl Ether
Concen: 2.808 ug/l
RT: 3.966 min Scan# 346
Delta R.T. -0.006 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

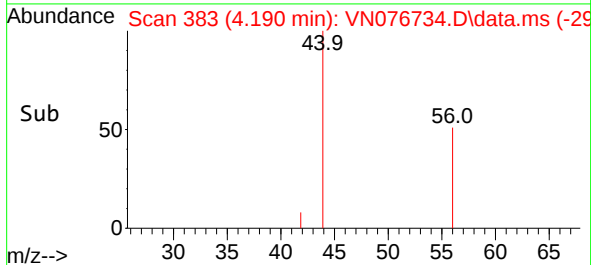
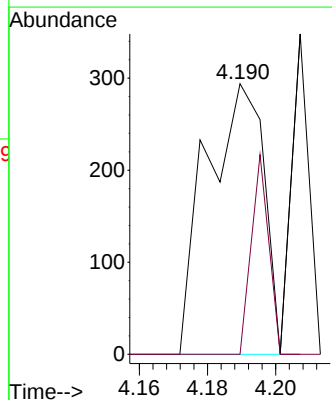
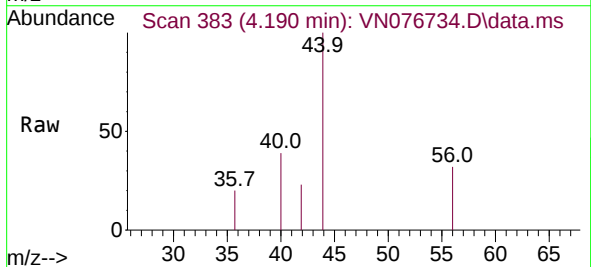
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

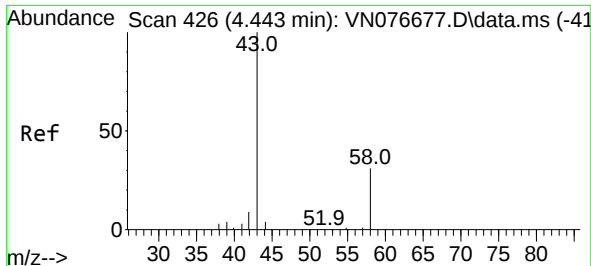
Tgt Ion: 74 Resp: 5542
Ion Ratio Lower Upper
74 100
45 168.6 21.4 193.0



#13
Acrolein
Concen: 0.495 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#





#15

Acetone

Concen: 229.506 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN076734.D

Acq: 17 Feb 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

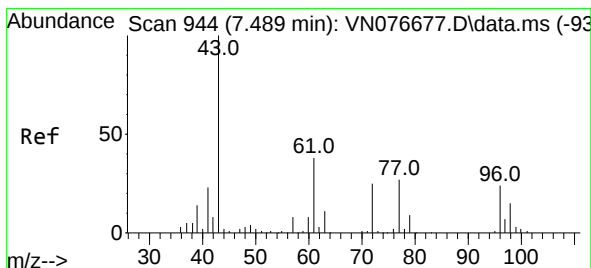
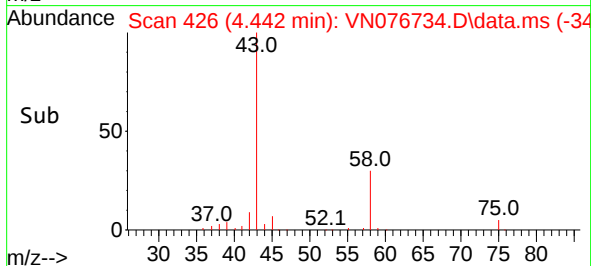
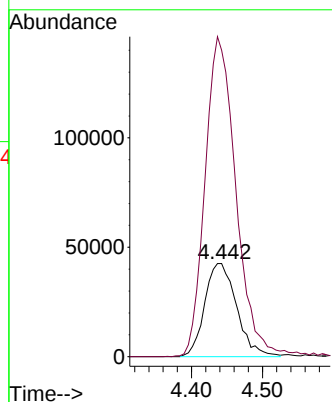
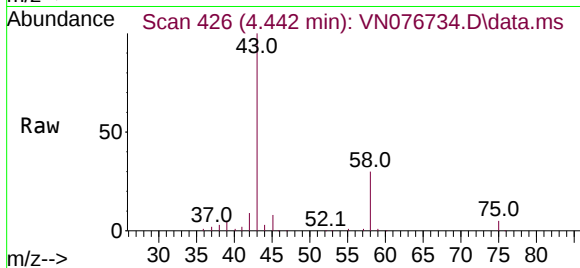
230215027-02-VOA

Tgt Ion: 58 Resp: 132747

Ion Ratio Lower Upper

58 100

43 328.0 255.4 383.0



#22

cis-1,2-Dichloroethene

Concen: 0.783 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN076734.D

Acq: 17 Feb 2023 15:04

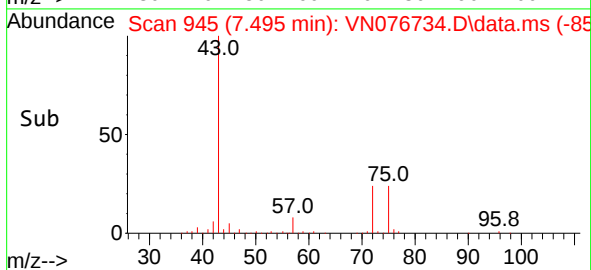
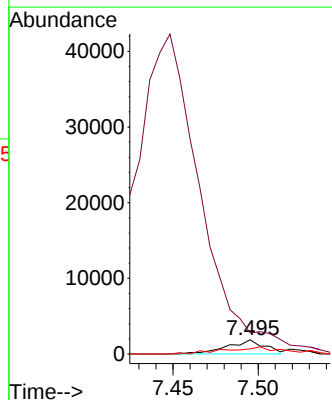
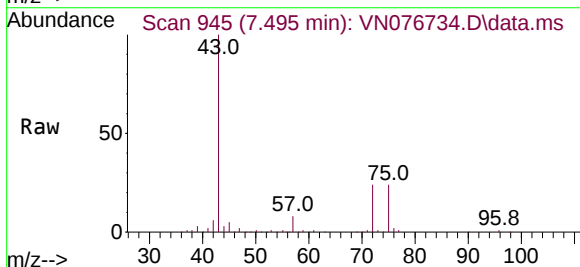
Tgt Ion: 96 Resp: 2859

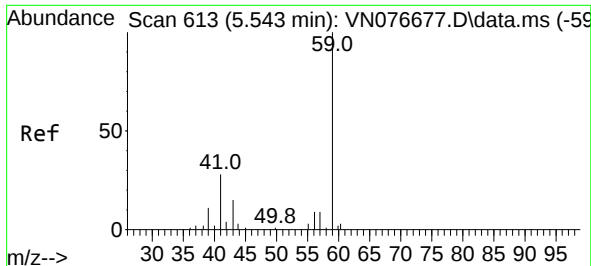
Ion Ratio Lower Upper

96 100

61 0.0 121.0 181.4#

98 32.3 50.1 75.1#

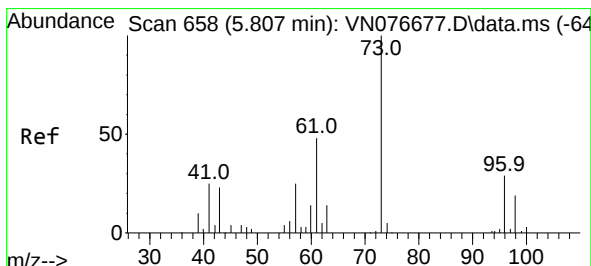
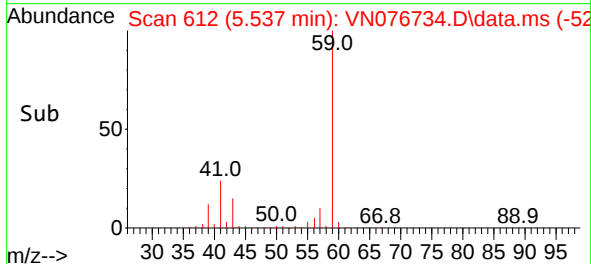
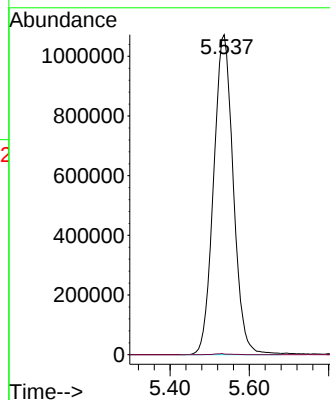
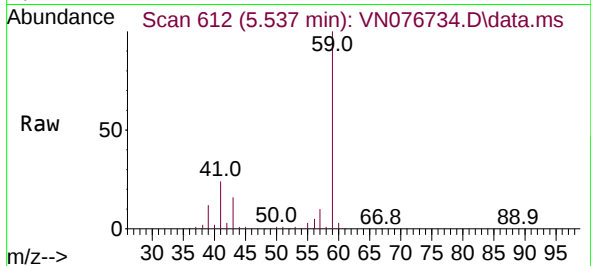




#23
tert-Butyl Alcohol
Concen: 7161.822 ug/l
RT: 5.537 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN076734.D
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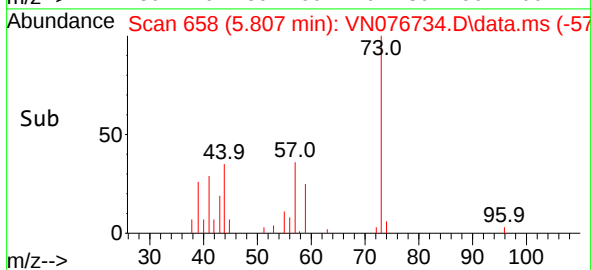
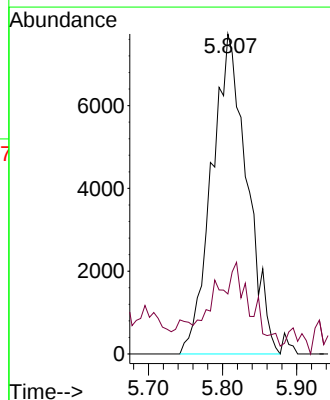
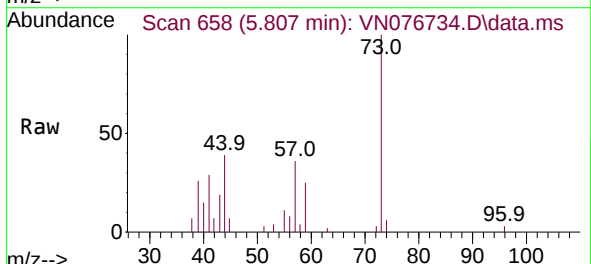
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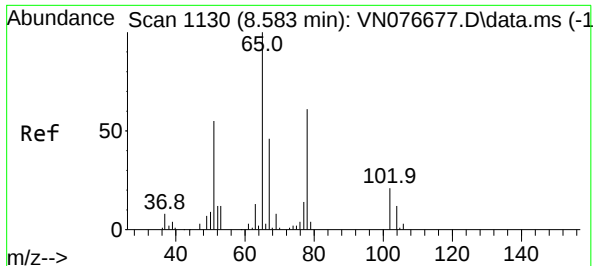
Tgt Ion: 59 Resp: 3697644
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2



#24
Methyl tert-Butyl Ether
Concen: 2.600 ug/l
RT: 5.807 min Scan# 658
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 73 Resp: 25548
Ion Ratio Lower Upper
73 100
43 8.3 17.8 26.6#

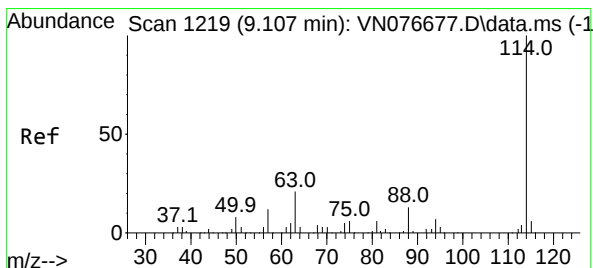
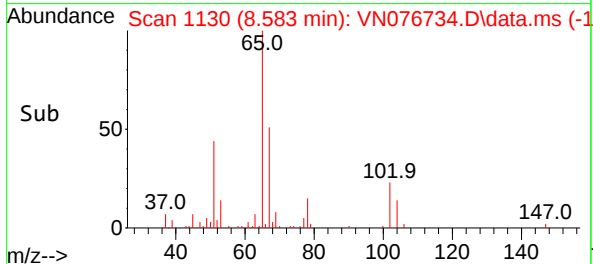
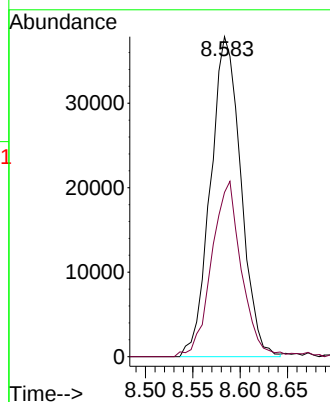
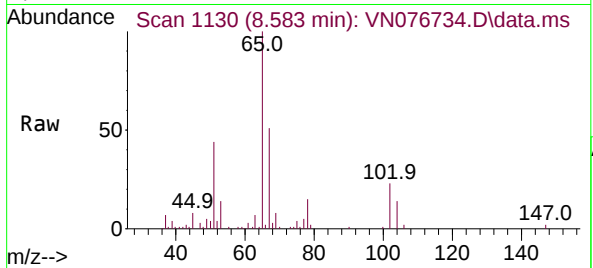




#27
1,2-Dichloroethane-d4
Concen: 32.149 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

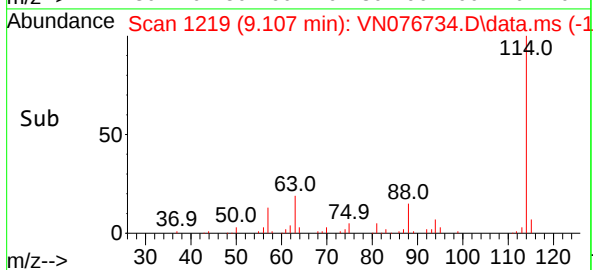
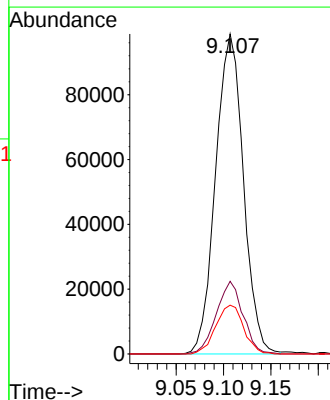
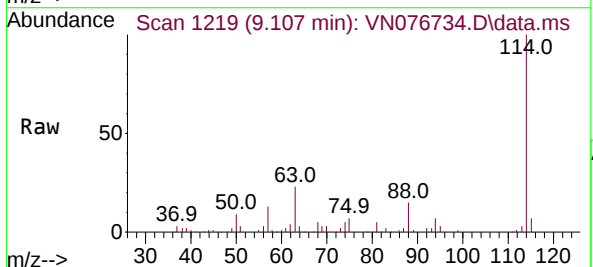
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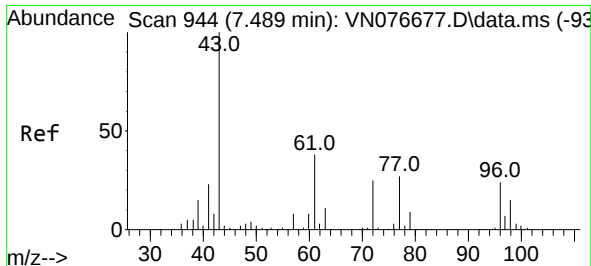
Tgt Ion: 65 Resp: 84601
Ion Ratio Lower Upper
65 100
67 53.3 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 114 Resp: 201788
Ion Ratio Lower Upper
114 100
63 21.8 17.0 25.4
88 15.3 11.6 17.4

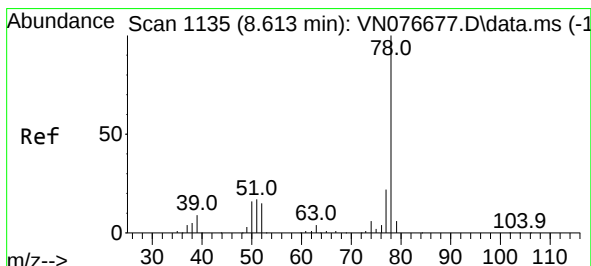
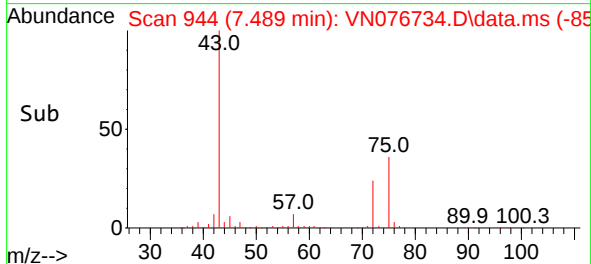
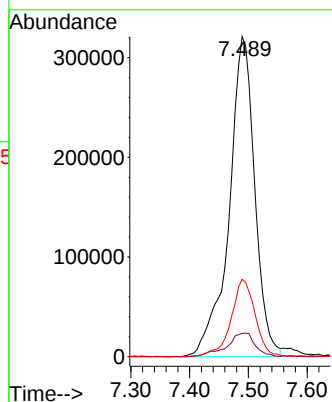
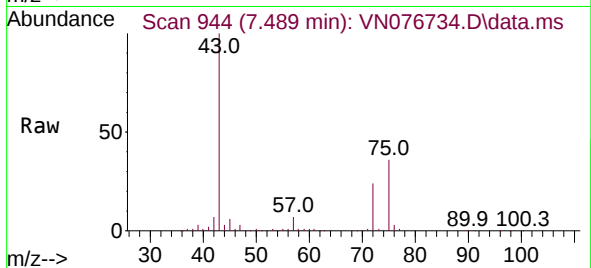




#30
2-Butanone
Concen: 363.135 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

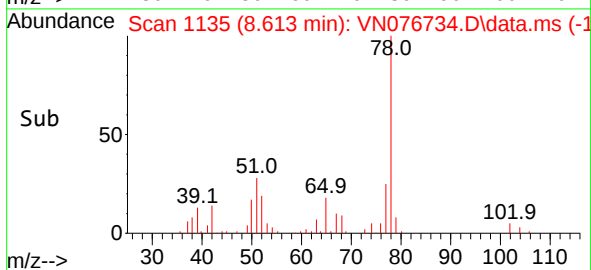
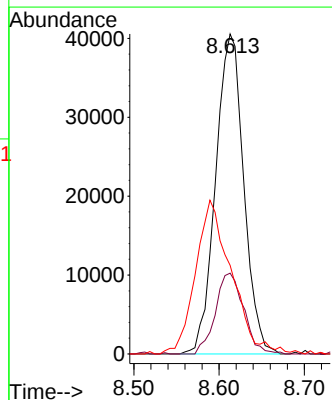
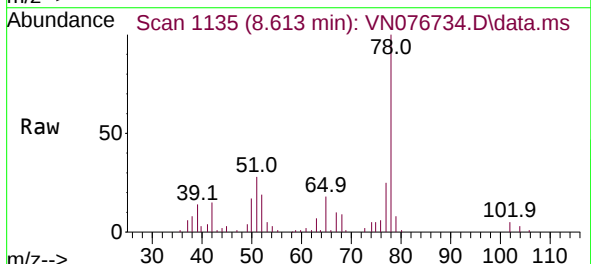
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

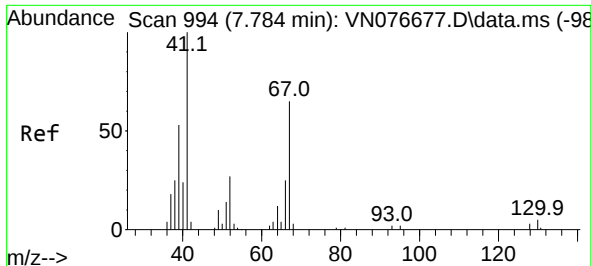
Tgt Ion: 43 Resp: 974977
Ion Ratio Lower Upper
43 100
57 8.2 6.1 9.1
72 22.8 20.2 30.4



#34
Benzene
Concen: 6.331 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 78 Resp: 93034
Ion Ratio Lower Upper
78 100
77 25.3 17.4 26.2
51 25.5 13.8 20.6#





#35

Methacrylonitrile

Concen: 0.238 ug/l

RT: 7.766 min Scan# 991

Delta R.T. -0.018 min

Lab File: VN076734.D

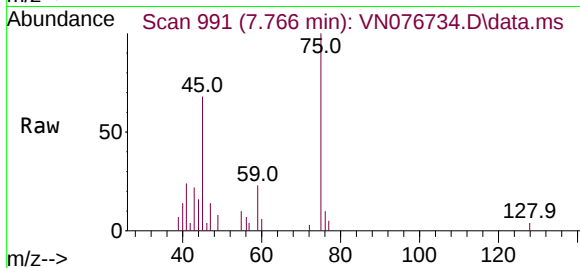
Acq: 17 Feb 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

230215027-02-VOA



Tgt Ion: 41 Resp: 696

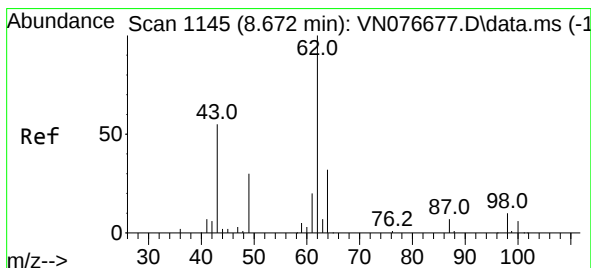
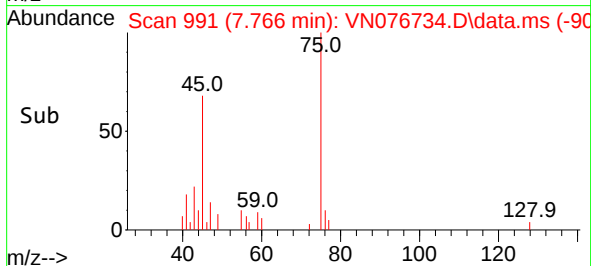
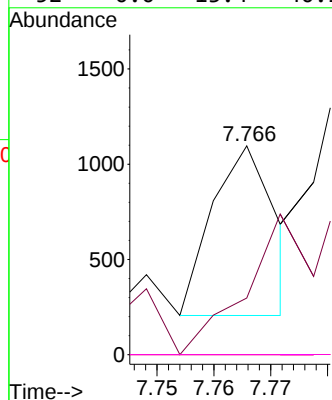
Ion Ratio Lower Upper

41 100

39 33.5 26.6 79.7

67 0.0 32.3 96.9#

52 0.0 13.4 40.1#



#36

1,2-Dichloroethane

Concen: 0.289 ug/l

RT: 8.677 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN076734.D

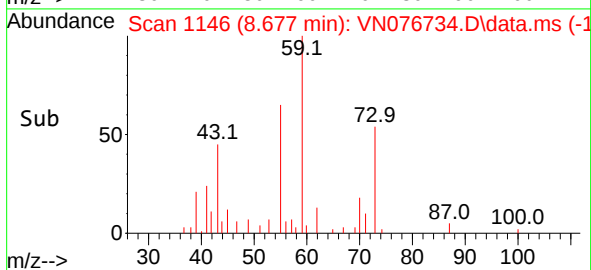
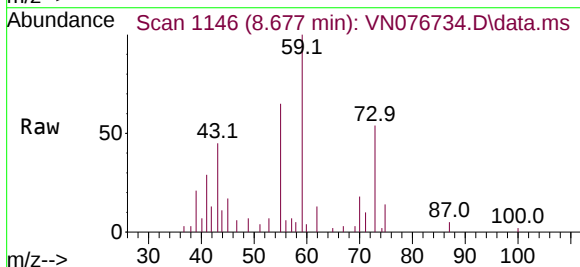
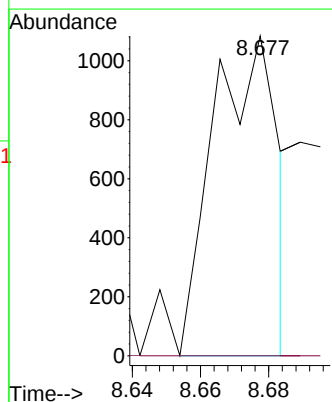
Acq: 17 Feb 2023 15:04

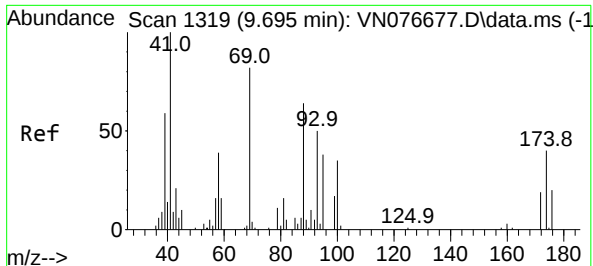
Tgt Ion: 62 Resp: 1423

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#

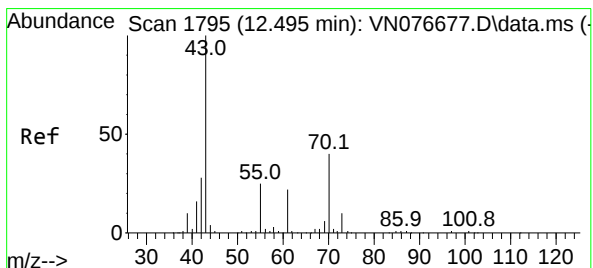
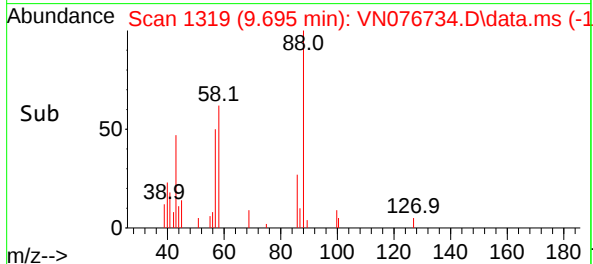
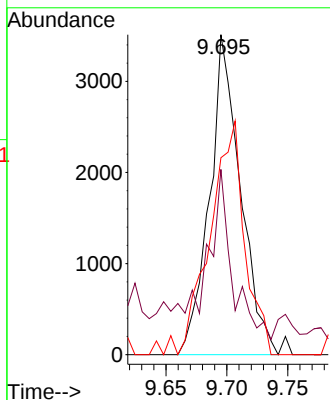
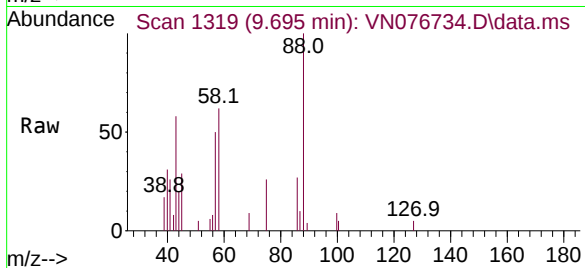




#45
1,4-Dioxane
Concen: 86.942 ug/l
RT: 9.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

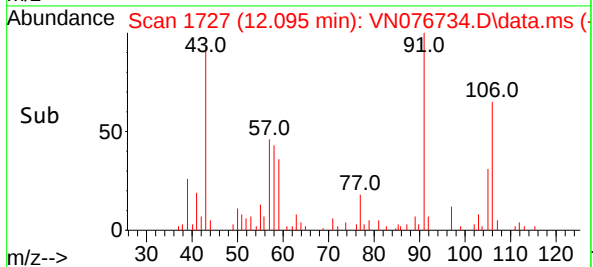
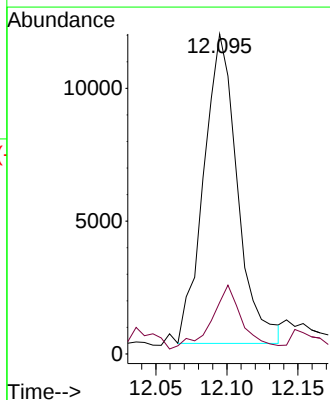
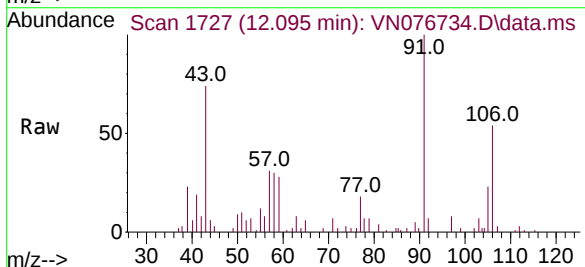
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

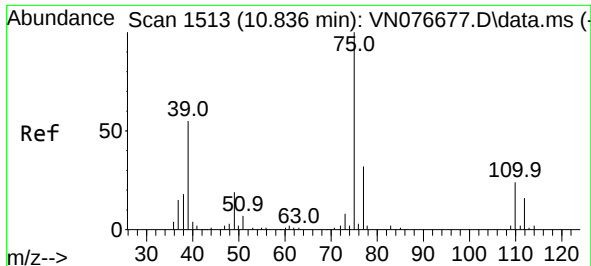
Tgt Ion: 88 Resp: 6196
Ion Ratio Lower Upper
88 100
43 21.1 26.0 39.0#
58 81.4 54.3 81.5



#47
n-amy1 Acetate
Concen: 2.591 ug/l
RT: 12.095 min Scan# 1727
Delta R.T. -0.400 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 43 Resp: 19269
Ion Ratio Lower Upper
43 100
55 18.6 18.3 27.5

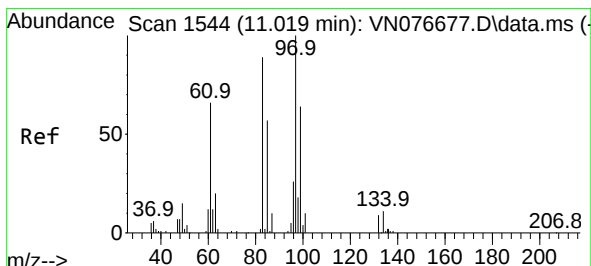
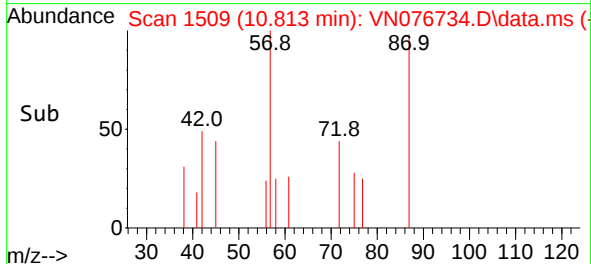
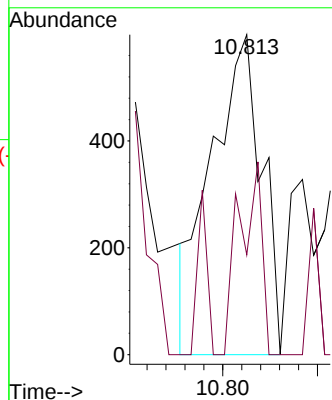
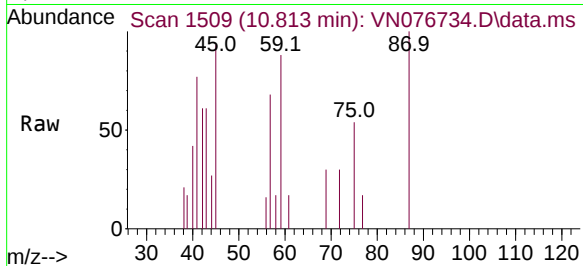




#48
t-1,3-Dichloropropene
Concen: 0.224 ug/l
RT: 10.813 min Scan# 1111
Delta R.T. -0.024 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

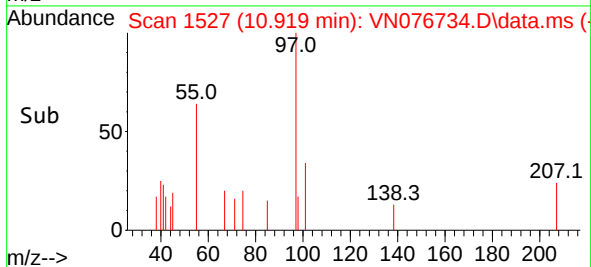
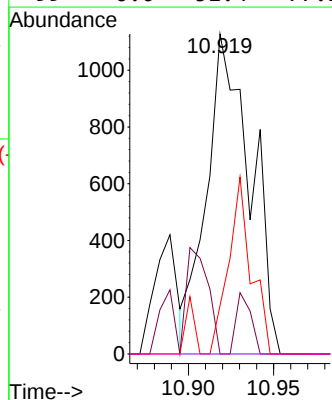
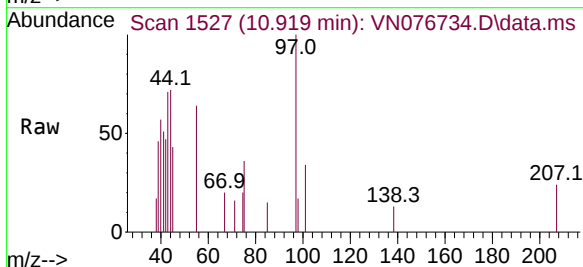
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

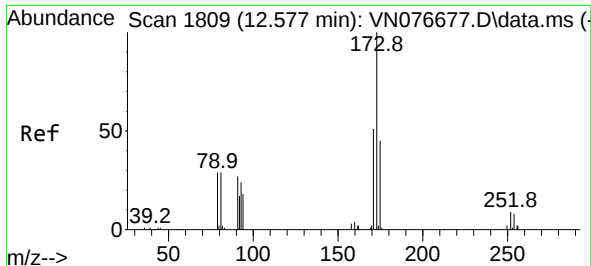
Tgt Ion: 75 Resp: 1111
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#50
1,1,2-Trichloroethane
Concen: 0.569 ug/l
RT: 10.919 min Scan# 1527
Delta R.T. -0.100 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 97 Resp: 2014
Ion Ratio Lower Upper
97 100
83 0.0 71.0 106.4#
85 15.2 45.5 68.3#
99 0.0 51.4 77.2#

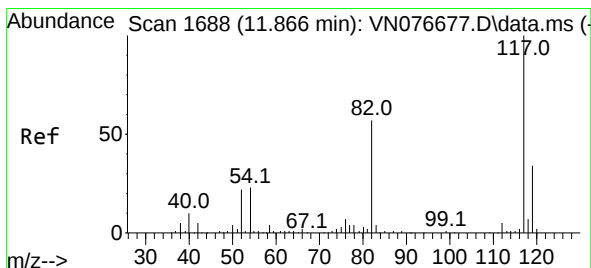
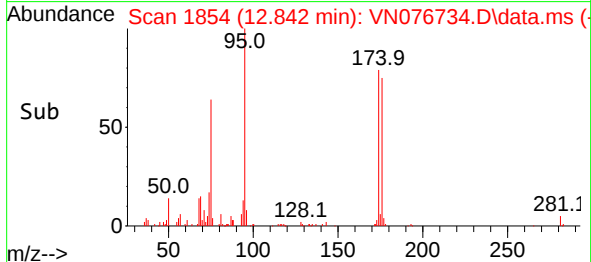
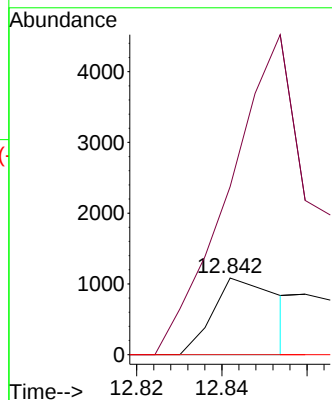
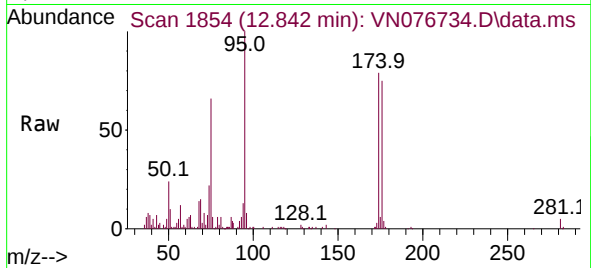




#56
Bromoform
Concen: 0.460 ug/l
RT: 12.842 min Scan# 1151
Delta R.T. 0.265 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

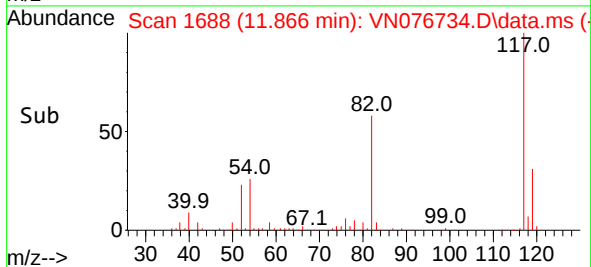
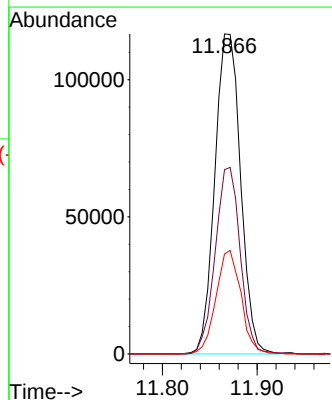
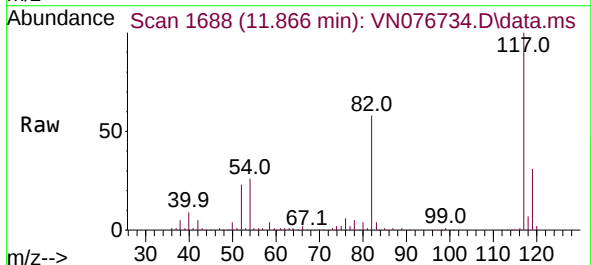
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

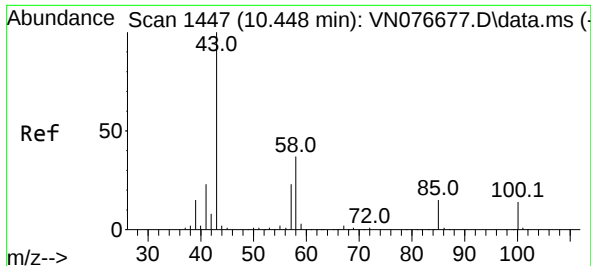
Tgt Ion:173 Resp: 1151
Ion Ratio Lower Upper
173 100
175 555.2 37.8 56.6#
254 0.0 7.3 10.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion:117 Resp: 220548
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 31.4 26.8 40.2

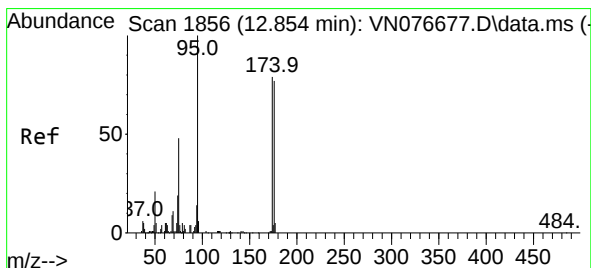
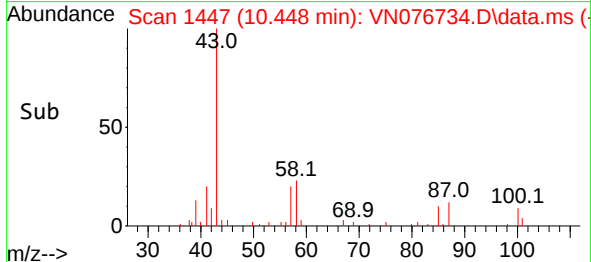
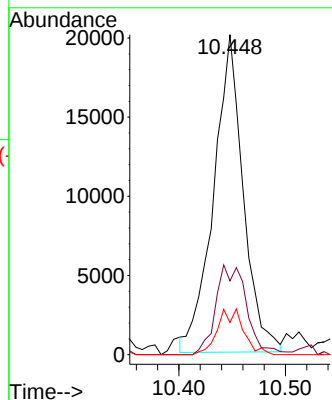
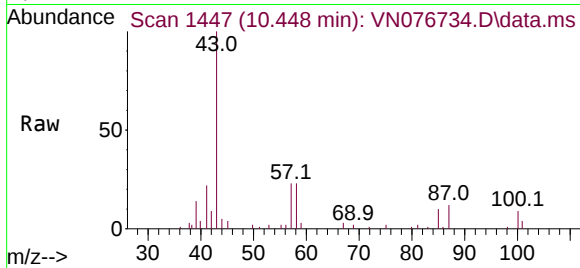




#58
4-Methyl-2-Pentanone
Concen: 7.385 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

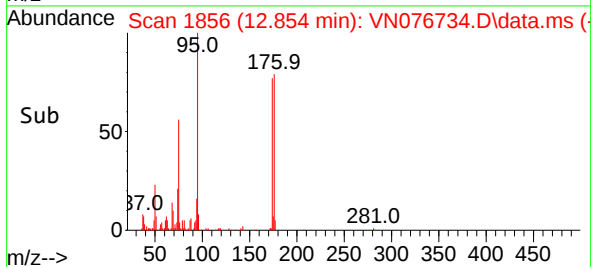
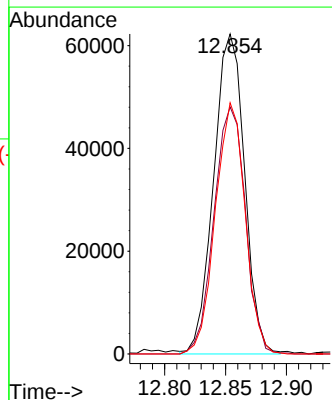
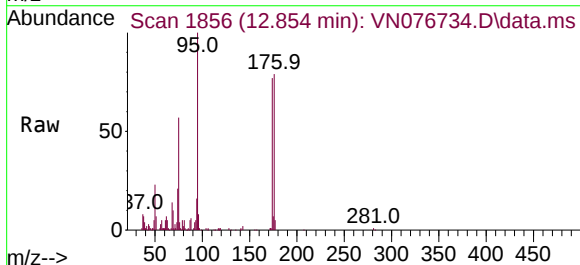
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

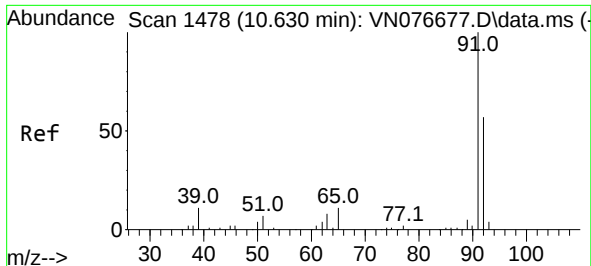
Tgt Ion	Ratio	Lower	Upper
43	100		
58	15.3	28.6	42.8#
85	12.1	11.8	17.8



#60
4-Bromofluorobenzene
Concen: 28.143 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.2	64.2	96.4
176	75.6	61.4	92.0

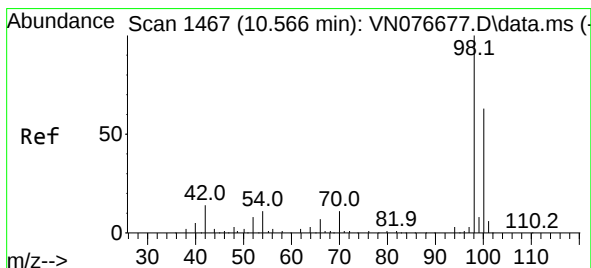
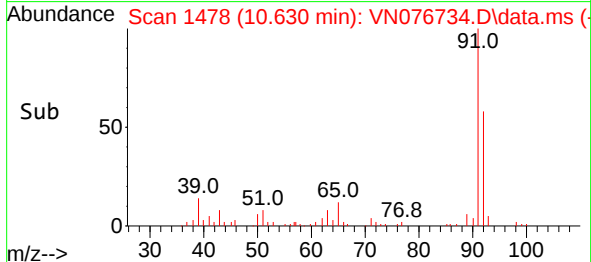
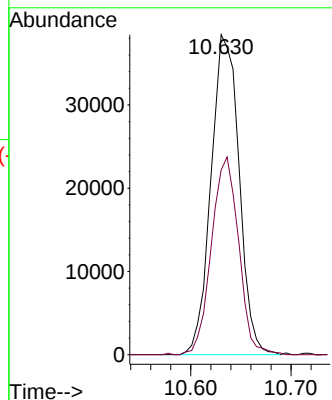
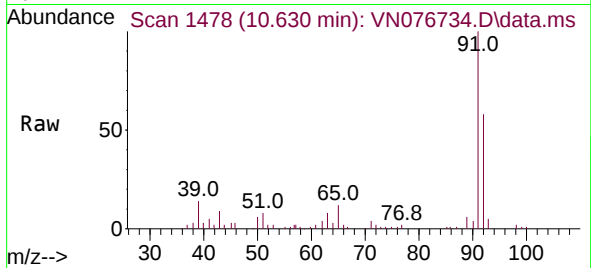




#62
Toluene
Concen: 4.849 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

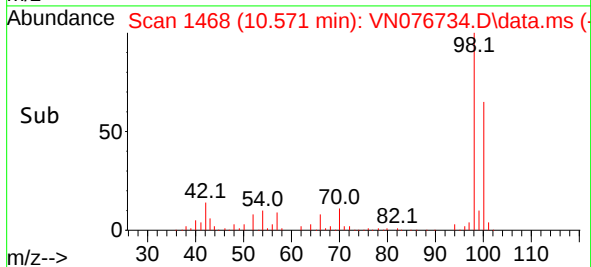
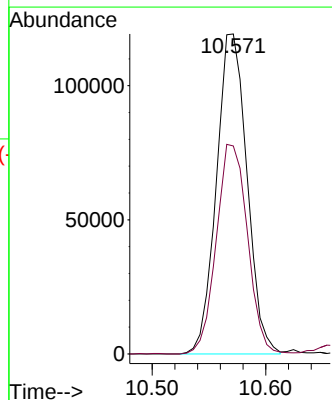
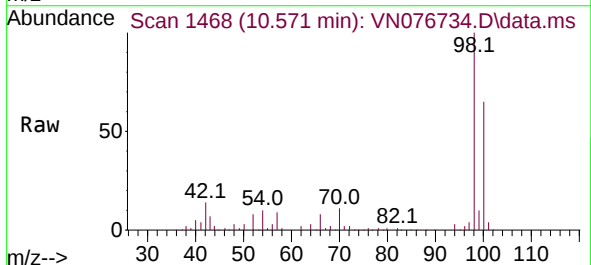
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

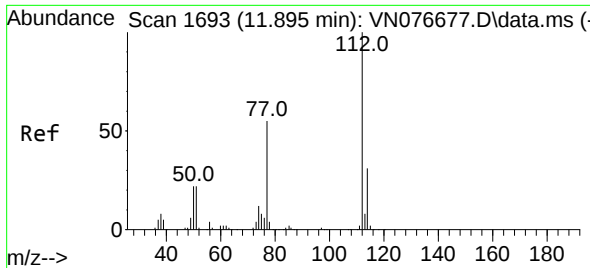
Tgt Ion: 91 Resp: 74731
Ion Ratio Lower Upper
91 100
92 59.8 46.3 69.5



#63
Toluene-d8
Concen: 28.916 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 98 Resp: 223378
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

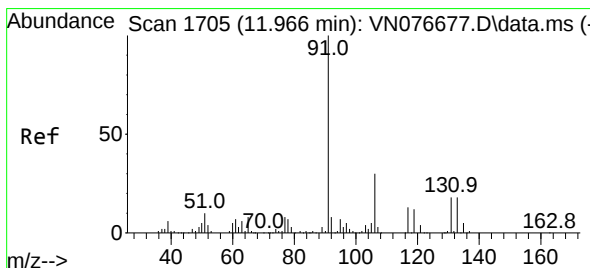
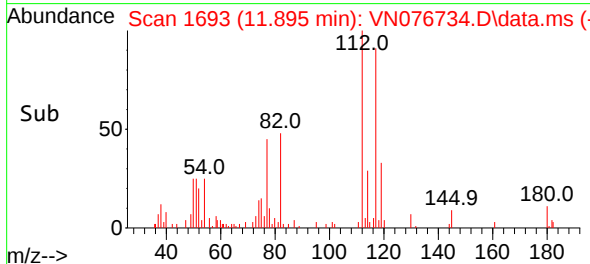
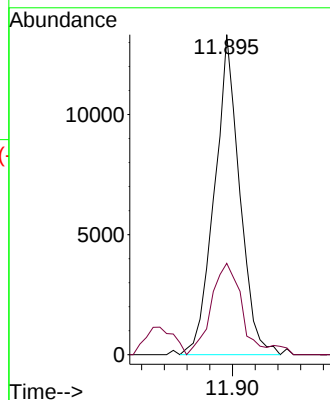
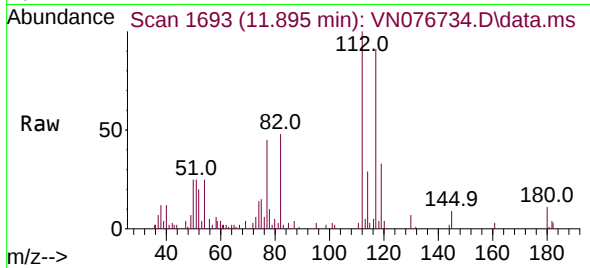




#64
Chlorobenzene
Concen: 2.233 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

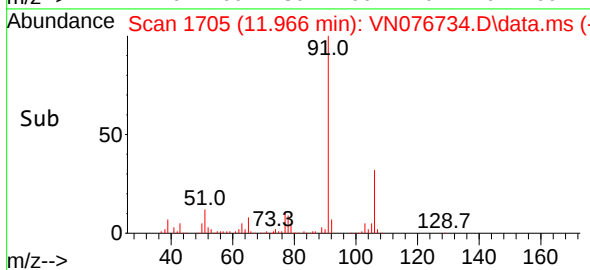
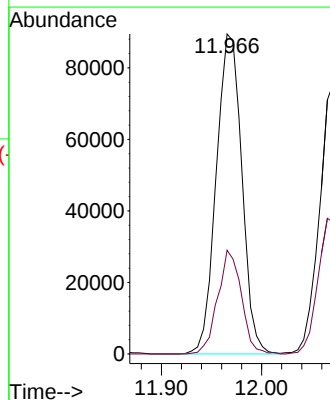
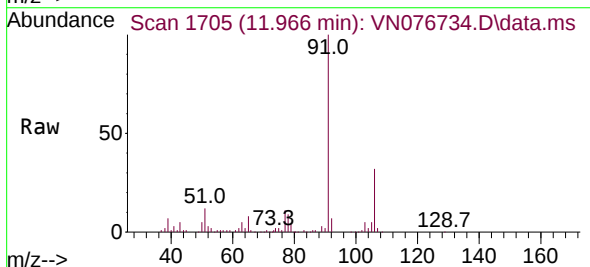
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

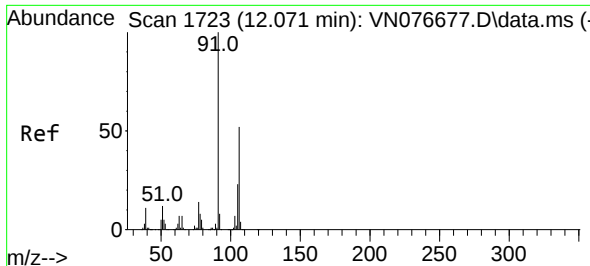
Tgt Ion:112 Resp: 20509
Ion Ratio Lower Upper
112 100
114 26.0 24.5 36.7



#66
Ethyl Benzene
Concen: 9.689 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 91 Resp: 158758
Ion Ratio Lower Upper
91 100
106 32.4 23.8 35.8





#67

m/p-Xylenes

Concen: 11.984 ug/l

RT: 12.066 min Scan# 1722

Delta R.T. -0.006 min

Lab File: VN076734.D

Acq: 17 Feb 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

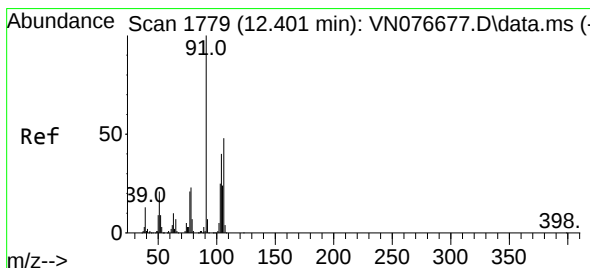
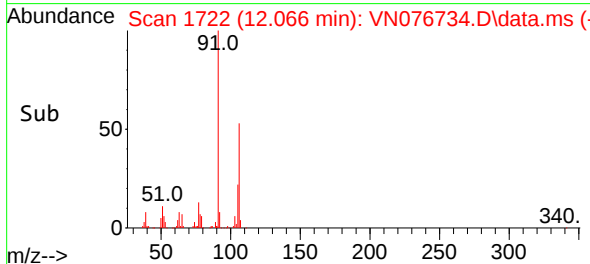
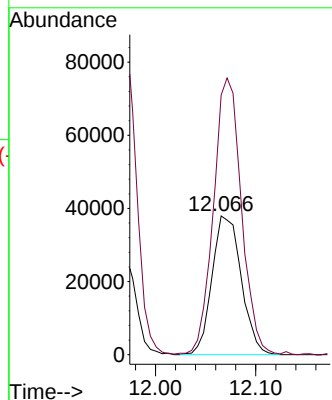
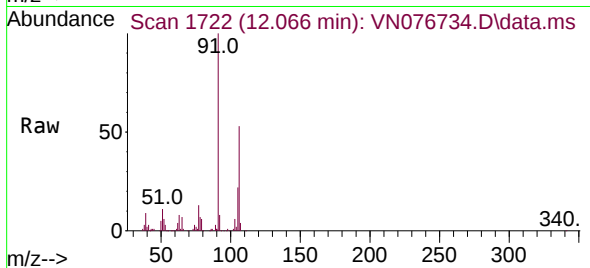
230215027-02-VOA

Tgt Ion:106 Resp: 76791

Ion Ratio Lower Upper

106 100

91 191.0 157.4 236.2



#68

o-Xylene

Concen: 6.720 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN076734.D

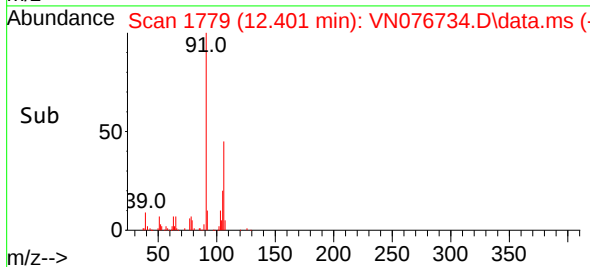
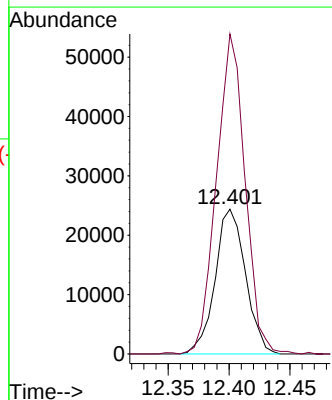
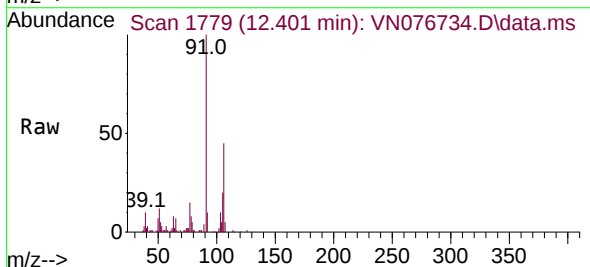
Acq: 17 Feb 2023 15:04

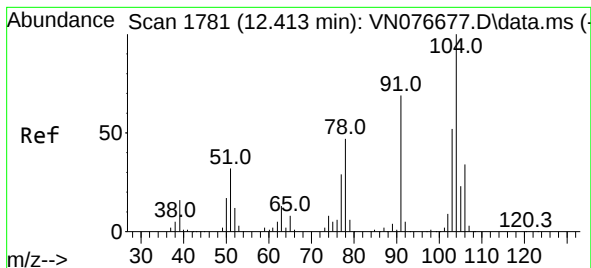
Tgt Ion:106 Resp: 42434

Ion Ratio Lower Upper

106 100

91 207.3 107.2 321.6





#69

Styrene

Concen: 0.935 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076734.D

Acq: 17 Feb 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

230215027-02-VOA

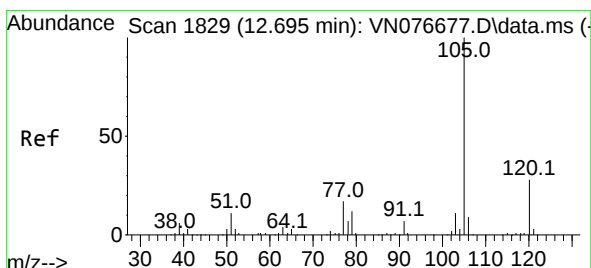
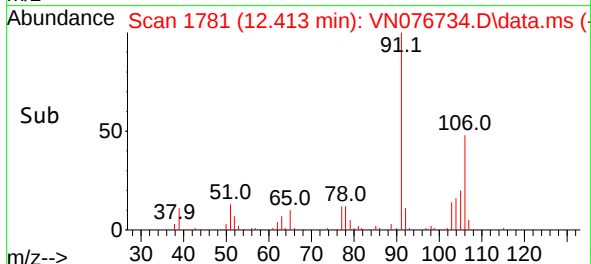
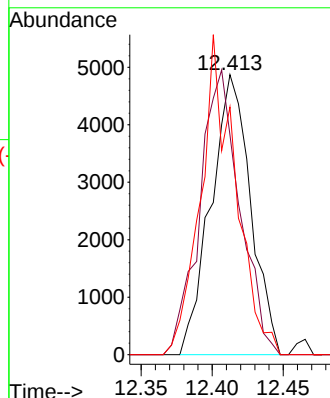
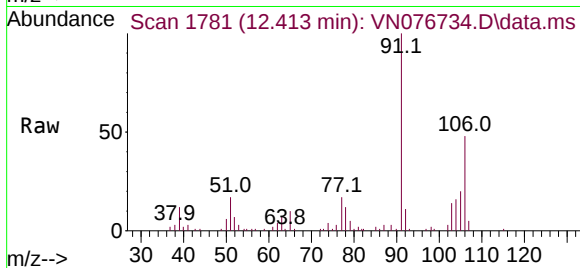
Tgt Ion:104 Resp: 9482

Ion Ratio Lower Upper

104 100

78 102.8 39.6 59.4#

103 99.7 43.9 65.9#



#70

Isopropylbenzene

Concen: 2.222 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN076734.D

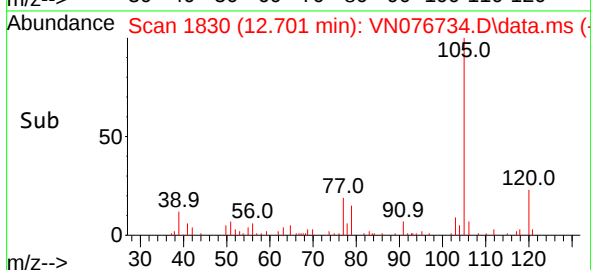
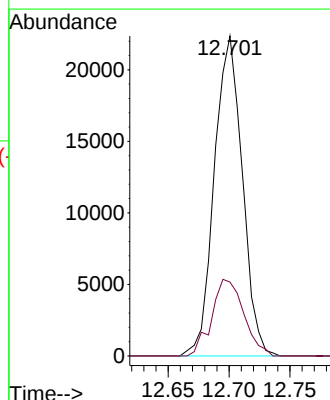
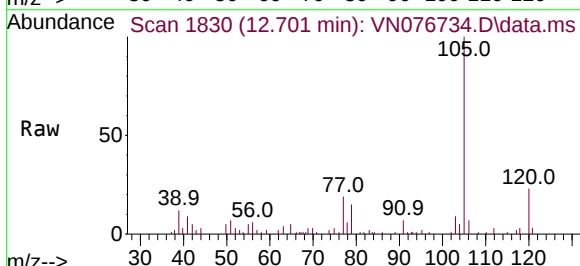
Acq: 17 Feb 2023 15:04

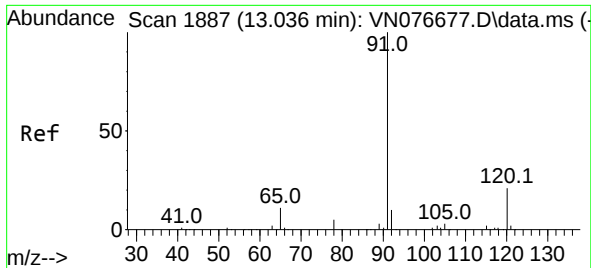
Tgt Ion:105 Resp: 35802

Ion Ratio Lower Upper

105 100

120 27.4 19.0 35.2

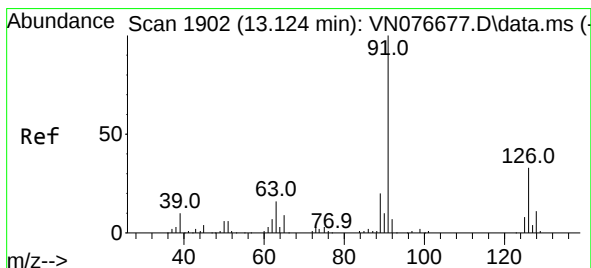
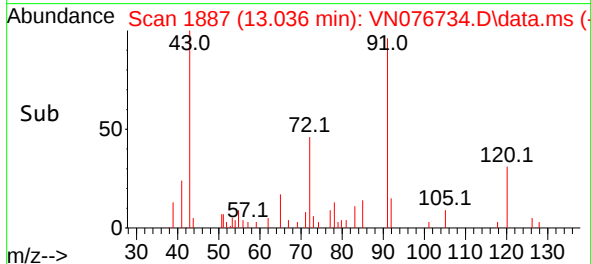
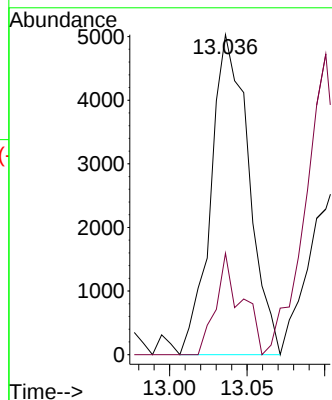
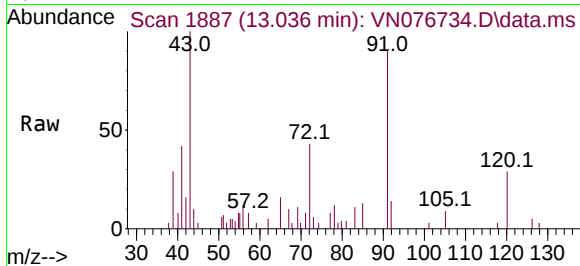




#74
n-propylbenzene
Concen: 0.445 ug/l
RT: 13.036 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

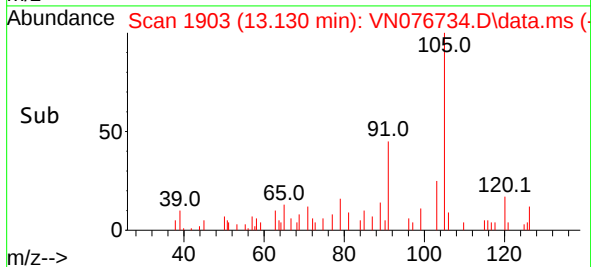
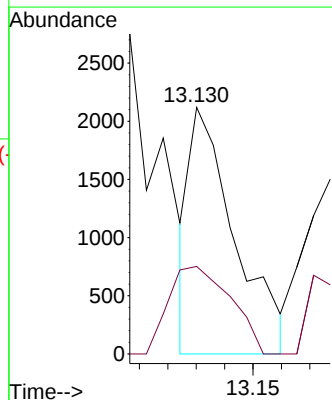
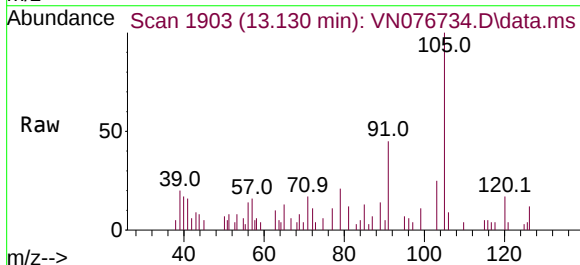
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

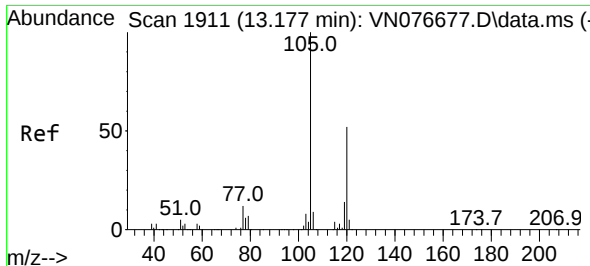
Tgt Ion: 91 Resp: 8546
Ion Ratio Lower Upper
91 100
120 14.5 0.0 44.0



#75
2-Chlorotoluene
Concen: 0.205 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 91 Resp: 2339
Ion Ratio Lower Upper
91 100
126 49.1 0.0 66.4

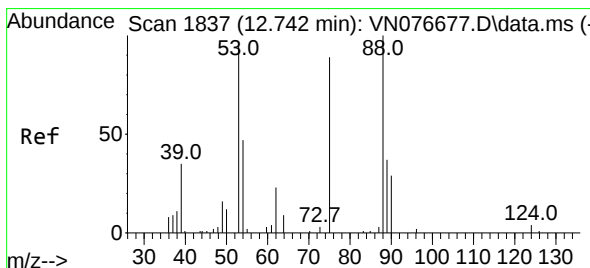
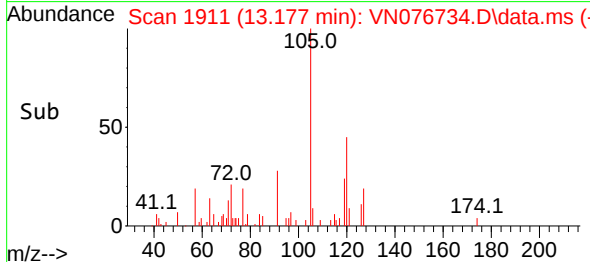
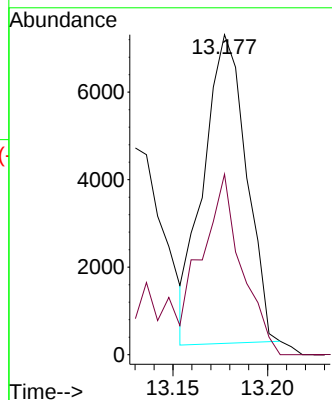
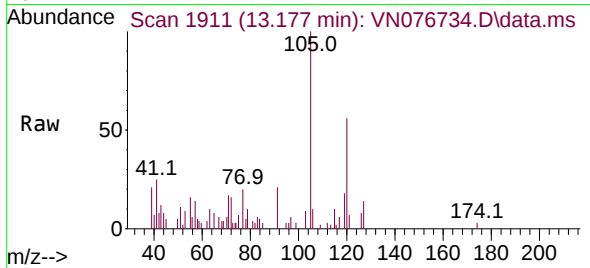




#76
1,3,5-Trimethylbenzene
Concen: 0.826 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

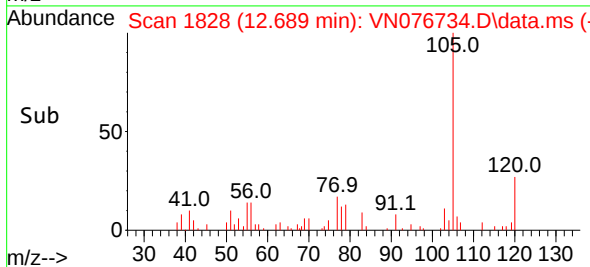
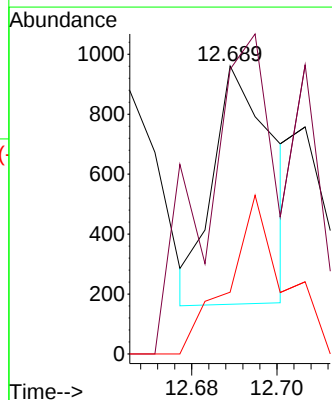
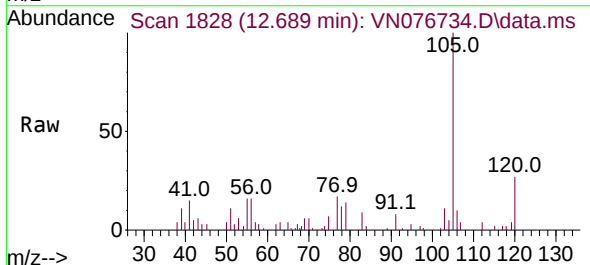
Instrument :
MSVOA_N
ClientSampleId :
230215027-02-VOA

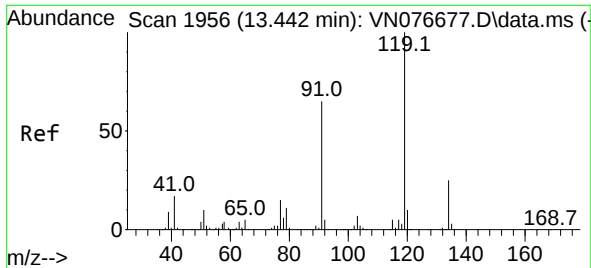
Tgt Ion:105 Resp: 11092
Ion Ratio Lower Upper
105 100
120 54.3 0.0 103.2



#77
t-1,4-Dichloro-2-butene
Concen: 0.522 ug/l
RT: 12.689 min Scan# 1828
Delta R.T. -0.053 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 75 Resp: 778
Ion Ratio Lower Upper
75 100
53 72.9 50.4 151.3
89 30.5 22.1 66.5

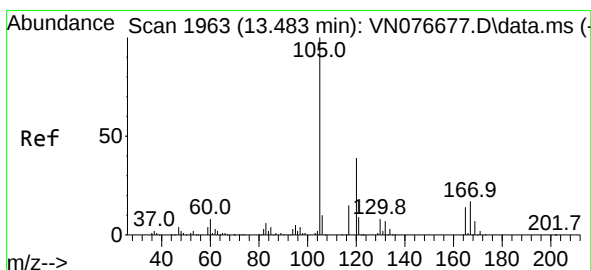
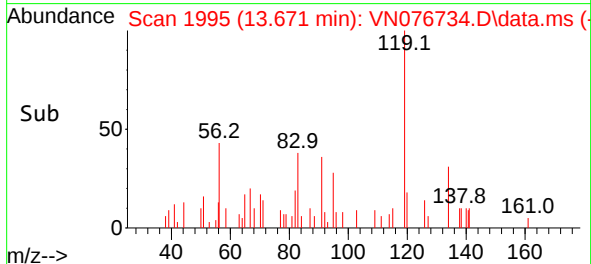
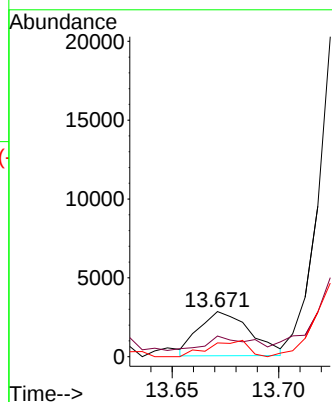
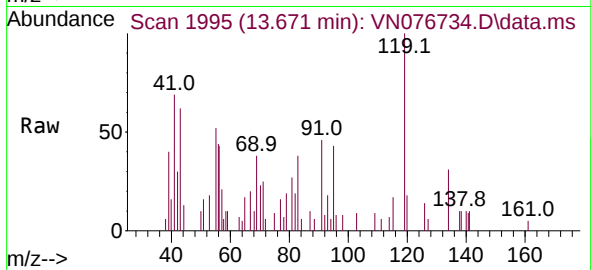




#79
tert-butylbenzene
Concen: 0.395 ug/l
RT: 13.671 min Scan# 1956
Delta R.T. 0.229 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

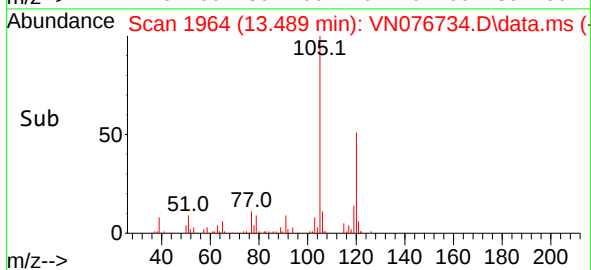
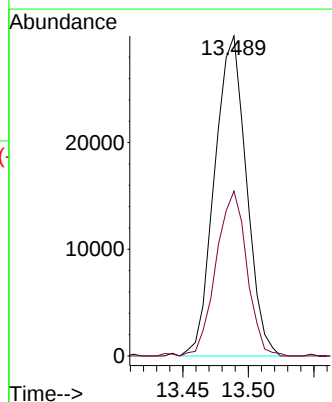
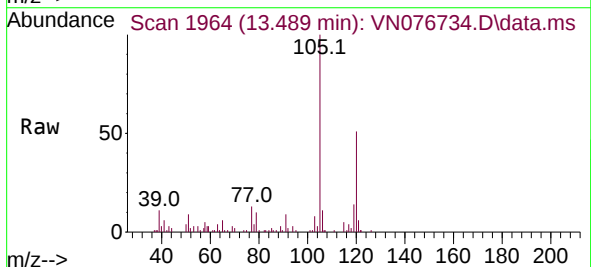
Instrument :
MSVOA_N
ClientSampleId :
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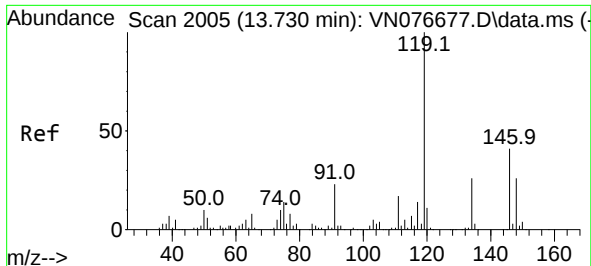
Tgt Ion:119 Resp: 4694
Ion Ratio Lower Upper
119 100
91 27.2 0.0 129.6
134 27.8 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 3.786 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion:105 Resp: 50511
Ion Ratio Lower Upper
105 100
120 49.8 0.0 93.2

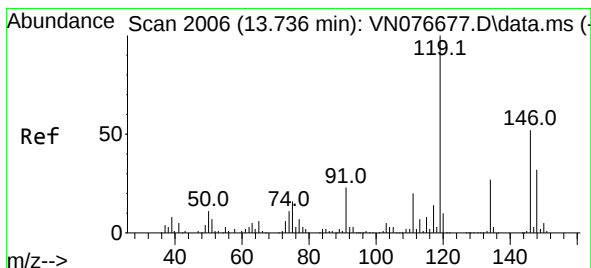
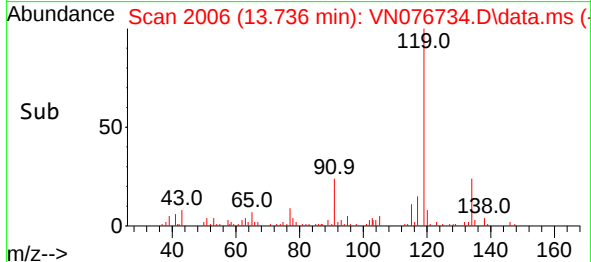
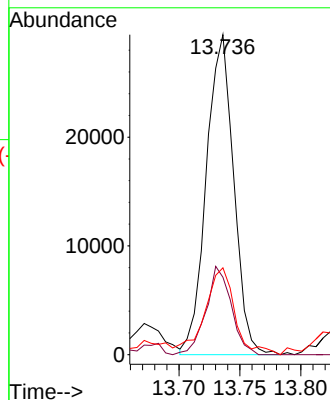
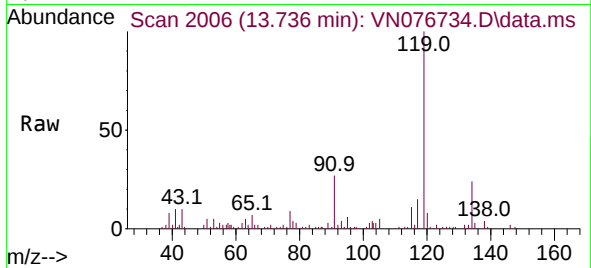




#82
 p-Isopropyltoluene
 Concen: 3.320 ug/l
 RT: 13.736 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VN076734.D
 Acq: 17 Feb 2023 15:04

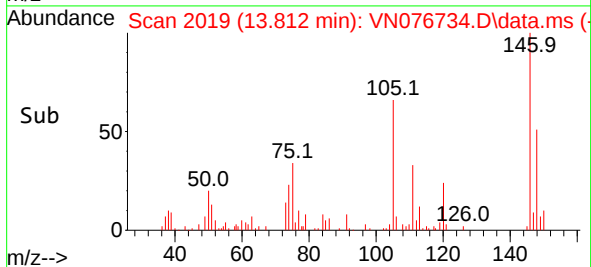
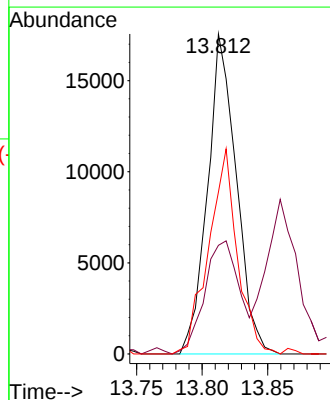
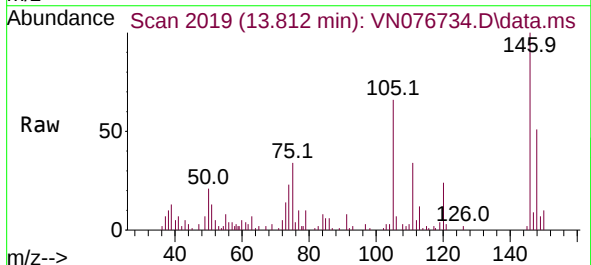
Instrument :
 MSVOA_N
 ClientSampleId :
 230215027-02-VOA

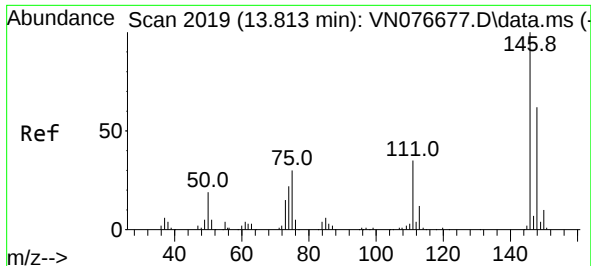
Tgt Ion:119 Resp: 45979
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 53.4
 91 27.5 0.0 47.2



#83
 1,3-Dichlorobenzene
 Concen: 3.759 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. 0.076 min
 Lab File: VN076734.D
 Acq: 17 Feb 2023 15:04

Tgt Ion:146 Resp: 26847
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.3 60.8
 148 63.8 31.9 95.5

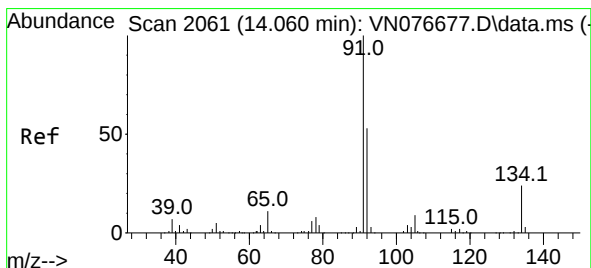
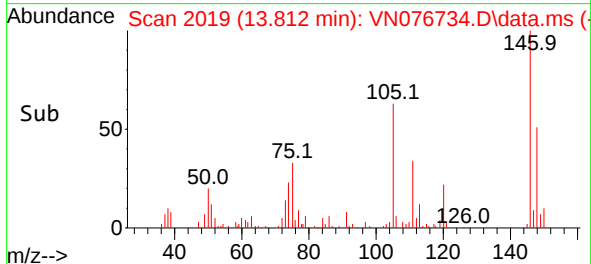
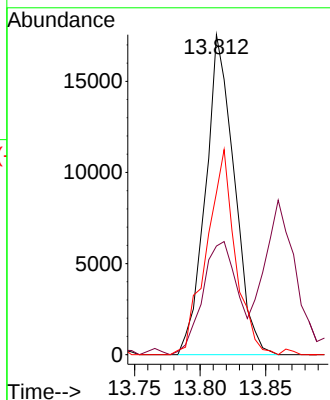
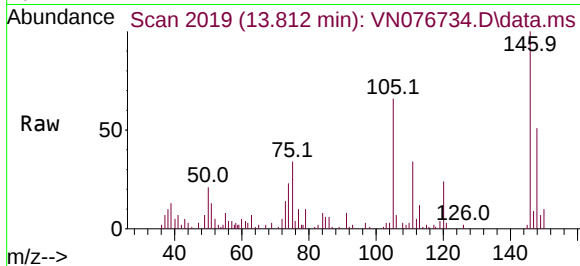




#84
1,4-Dichlorobenzene
Concen: 3.854 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

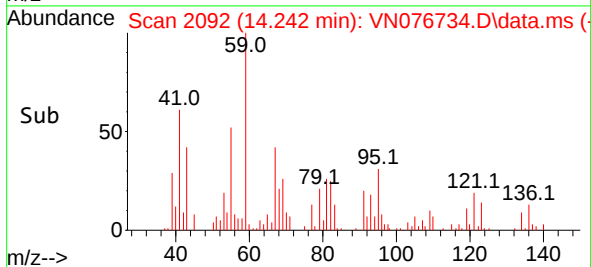
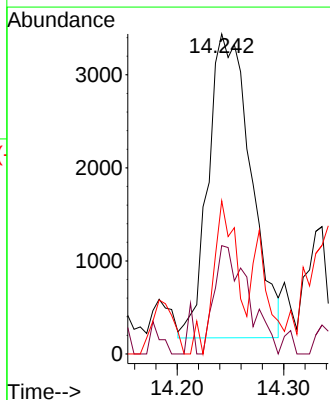
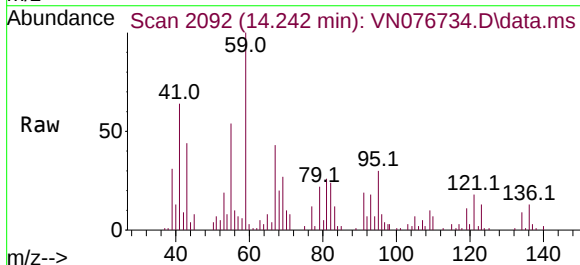
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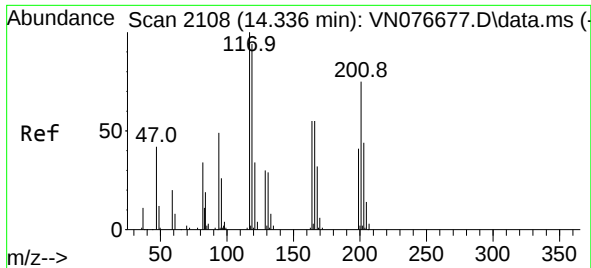
Tgt Ion:146 Resp: 26847
Ion Ratio Lower Upper
146 100
111 42.7 18.2 54.6
148 63.8 31.1 93.2



#85
n-Butylbenzene
Concen: 0.769 ug/l
RT: 14.242 min Scan# 2092
Delta R.T. 0.182 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 91 Resp: 9025
Ion Ratio Lower Upper
91 100
92 16.5 0.0 103.2
134 26.4 0.0 50.0

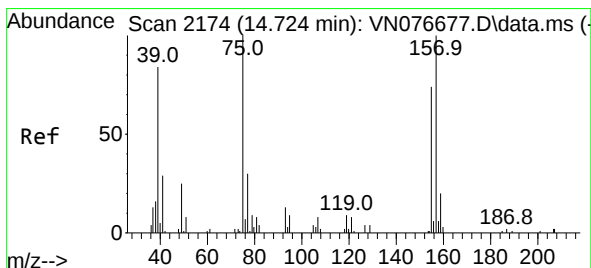
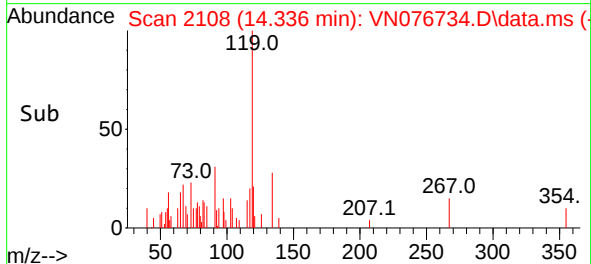
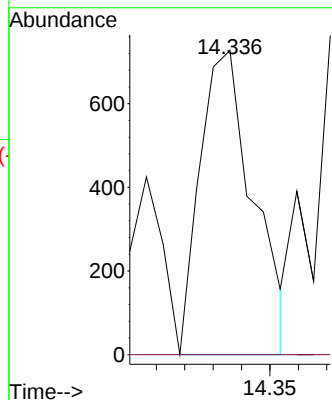
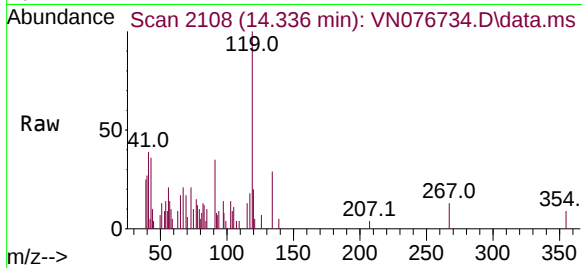




#86
Hexachloroethane
Concen: 0.354 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

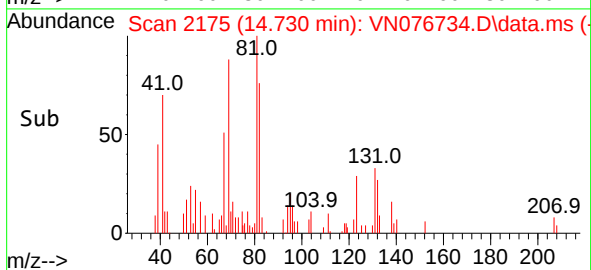
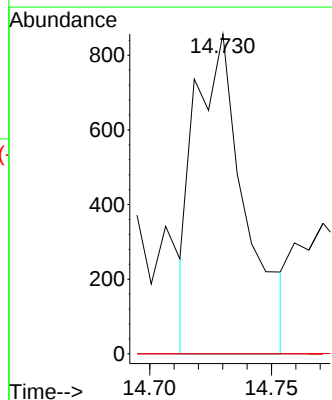
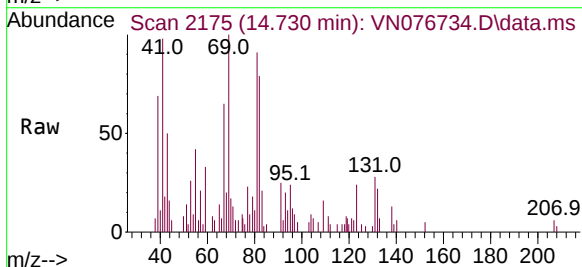
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ClientSampleId :
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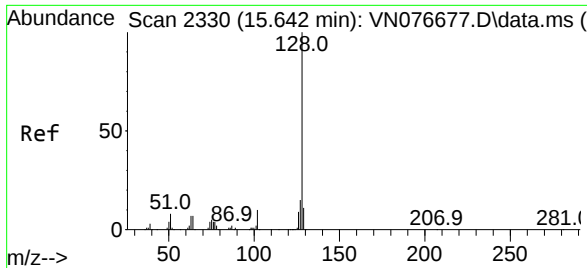
Tgt Ion:117 Resp: 949
Ion Ratio Lower Upper
117 100
201 0.0 32.2 96.6#



#88
1,2-Dibromo-3-Chloropropane
Concen: 1.251 ug/l
RT: 14.730 min Scan# 2175
Delta R.T. 0.006 min
Lab File: VN076734.D
Acq: 17 Feb 2023 15:04

Tgt Ion: 75 Resp: 1222
Ion Ratio Lower Upper
75 100
155 0.0 62.5 93.7#
157 0.0 77.5 116.3#





#91

Naphthalene

Concen: 39.208 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076734.D

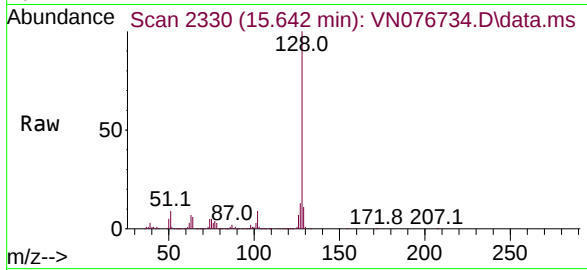
Acq: 17 Feb 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

230215027-02-VOA



Tgt Ion:128 Resp: 461864

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.6

129 11.1 8.9 13.3

