

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073971.D
 Acq On : 17 Aug 2022 13:06
 Operator : JC\MD
 Sample : N4203-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33105RE

Quant Time: Aug 17 15:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

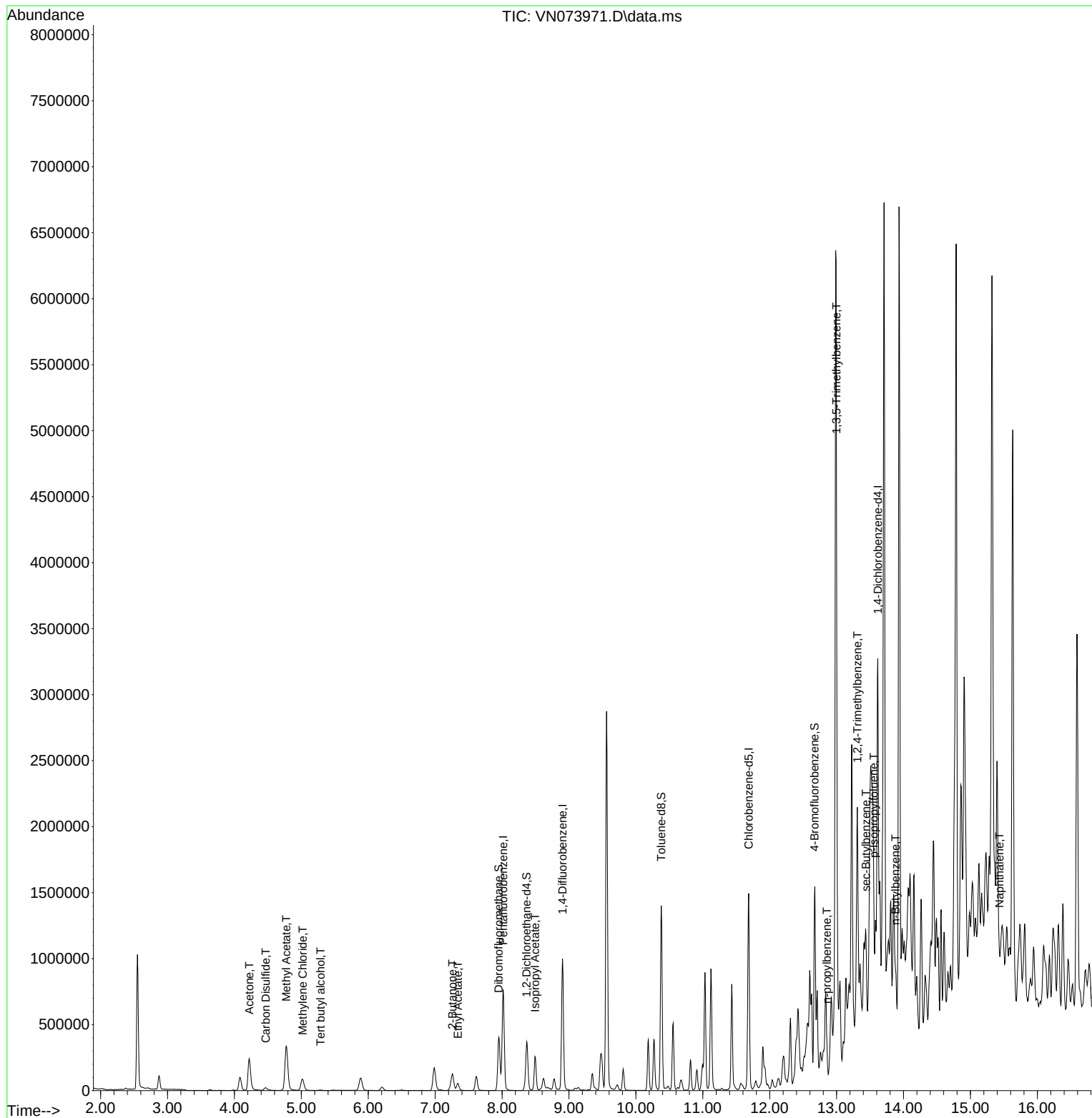
Internal Standards						
1) Pentafluorobenzene	8.016	168	649520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	937847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	918421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	555661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	306753	48.489	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.980%		
35) Dibromofluoromethane	7.951	113	297982	53.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.460%		
50) Toluene-d8	10.380	98	1012589	47.140	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.668	95	451413	63.321	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	126.640%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	8278	5.850	ug/l #	82
16) Acetone	4.222	43	448293	150.199	ug/l	100
17) Carbon Disulfide	4.469	76	20038	1.644	ug/l	97
18) Methyl Acetate	4.775	43	682632	93.737	ug/l	100
20) Methylene Chloride	5.022	84	75929	12.056	ug/l	95
25) 2-Butanone	7.257	43	176600	37.316	ug/l	100
37) Ethyl Acetate	7.339	43	83869	8.986	ug/l	99
43) Isopropyl Acetate	8.492	43	280282	21.081	ug/l	92
78) n-propylbenzene	12.857	91	52054	1.207	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	188442	5.726	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	965976	29.392	ug/l	97
85) sec-Butylbenzene	13.439	105	125195	3.189	ug/l	79
86) p-Isopropyltoluene	13.557	119	157041	4.696	ug/l #	78
89) n-Butylbenzene	13.880	91	176757	6.673	ug/l #	78
95) Naphthalene	15.433	128	125266	3.219	ug/l	96

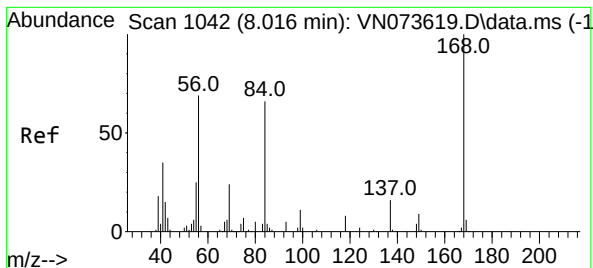
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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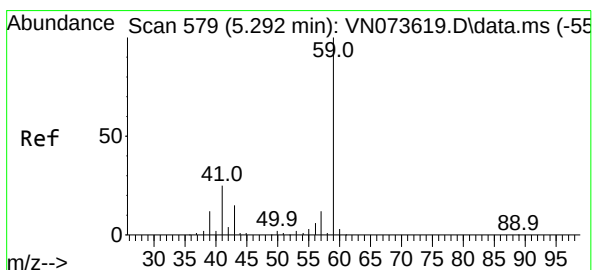
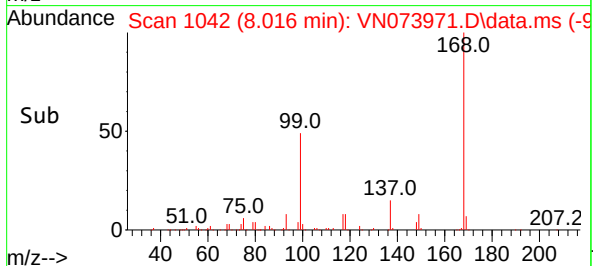
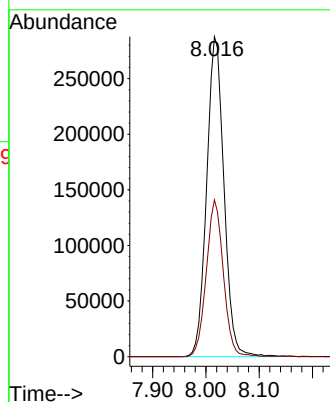
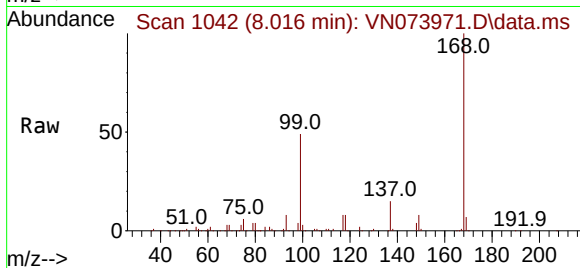




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

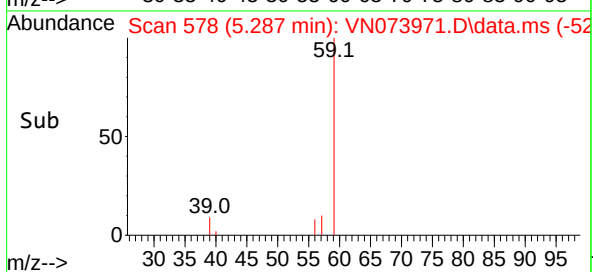
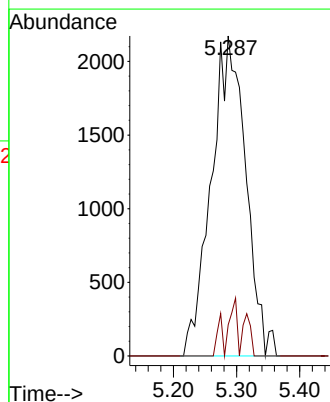
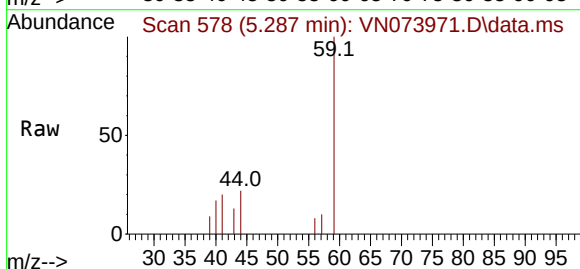
Instrument :
MSVOA_N
ClientSampleId :
33105RE

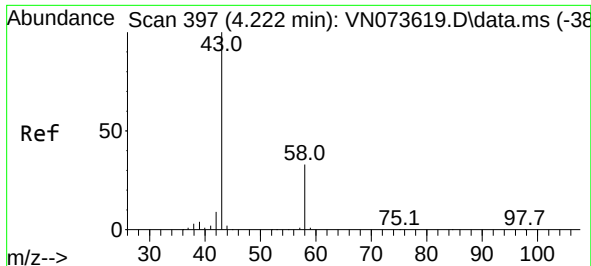
Tgt Ion:168 Resp: 649520
Ion Ratio Lower Upper
168 100
99 49.0 42.3 63.5



#11
Tert butyl alcohol
Concen: 5.850 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 59 Resp: 8278
Ion Ratio Lower Upper
59 100
57 3.8 8.3 12.5#

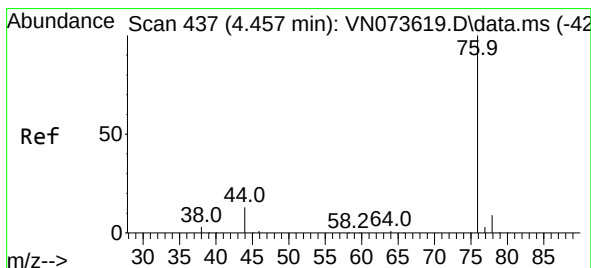
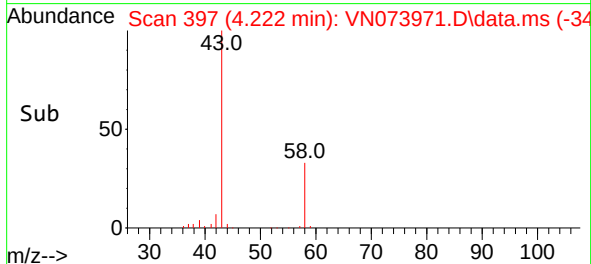
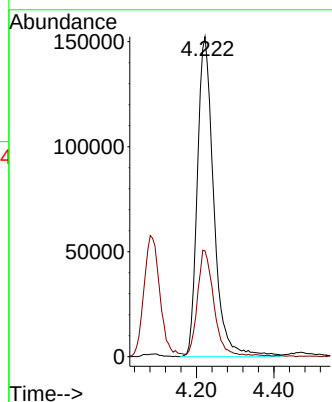
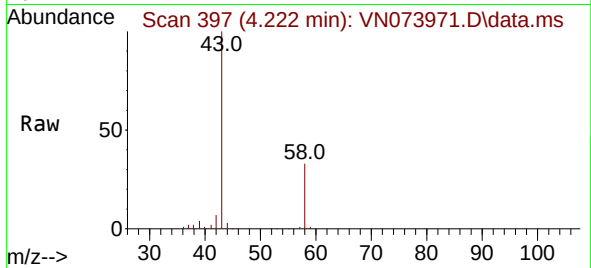




#16
Acetone
Concen: 150.199 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

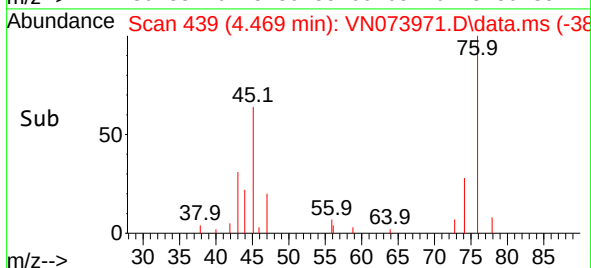
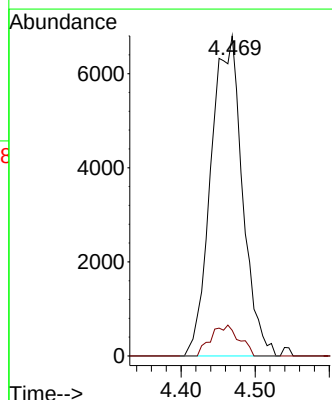
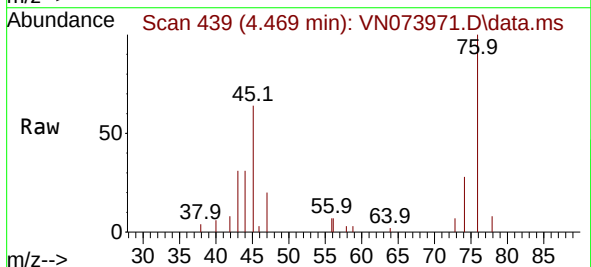
Instrument :
MSVOA_N
ClientSampleId :
33105RE

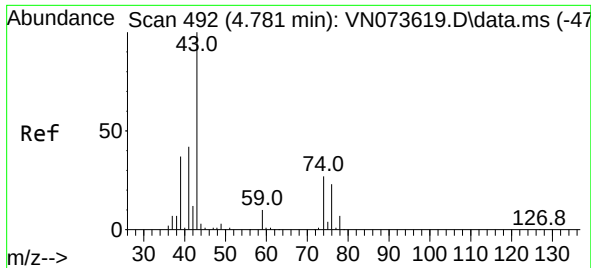
Tgt Ion: 43 Resp: 448293
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0



#17
Carbon Disulfide
Concen: 1.644 ug/l
RT: 4.469 min Scan# 439
Delta R.T. 0.012 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 76 Resp: 20038
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8

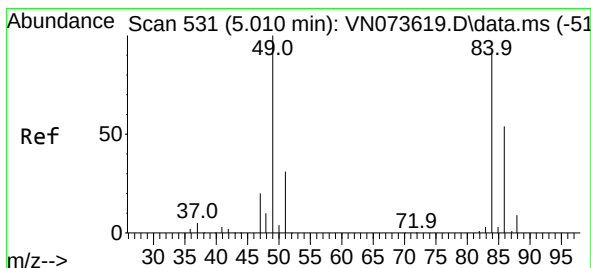
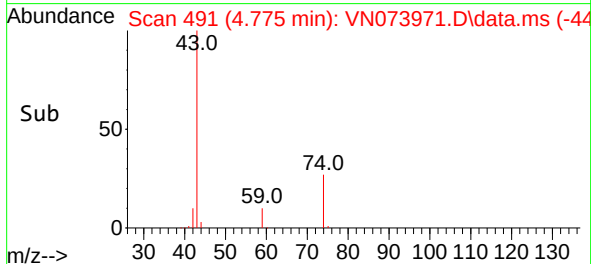
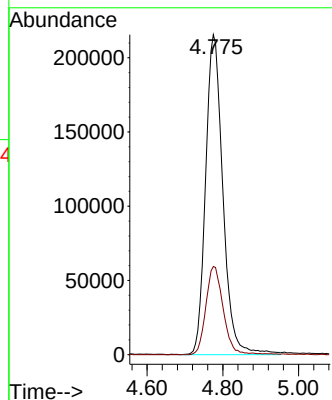
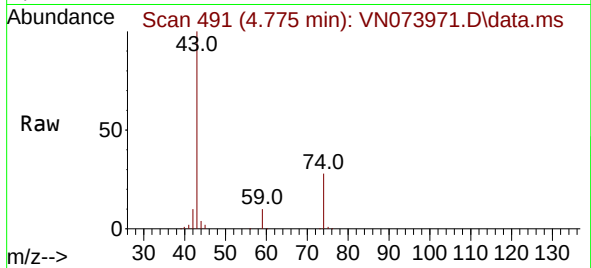




#18
Methyl Acetate
Concen: 93.737 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

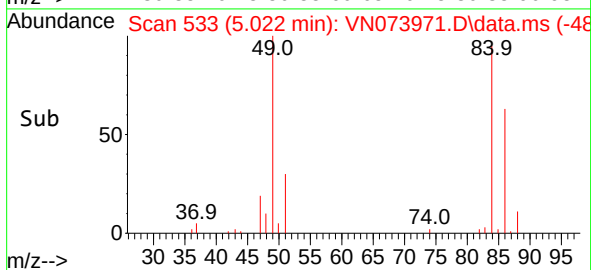
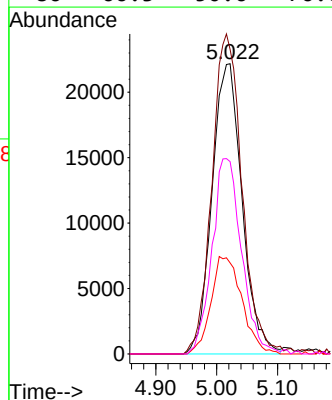
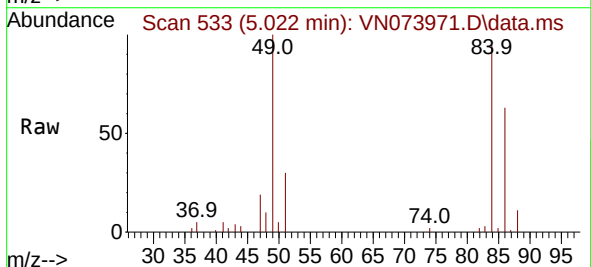
Instrument :
MSVOA_N
ClientSampleId :
33105RE

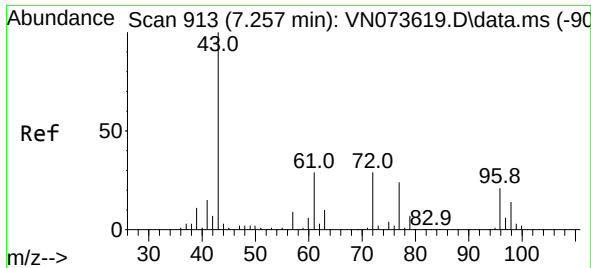
Tgt Ion: 43 Resp: 682632
Ion Ratio Lower Upper
43 100
74 27.3 21.6 32.4



#20
Methylene Chloride
Concen: 12.056 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 84 Resp: 75929
Ion Ratio Lower Upper
84 100
49 104.9 88.3 132.5
51 31.4 28.2 42.2
86 66.3 50.6 76.0

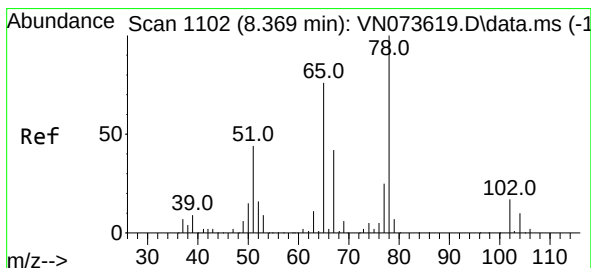
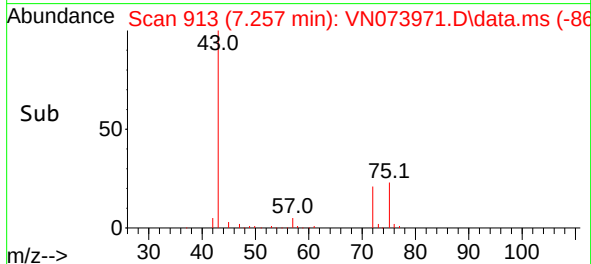
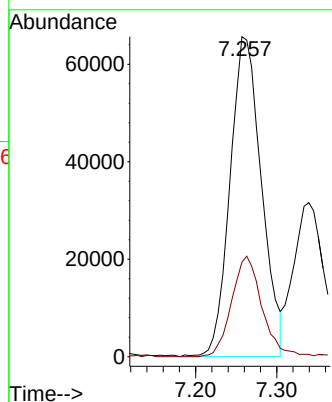
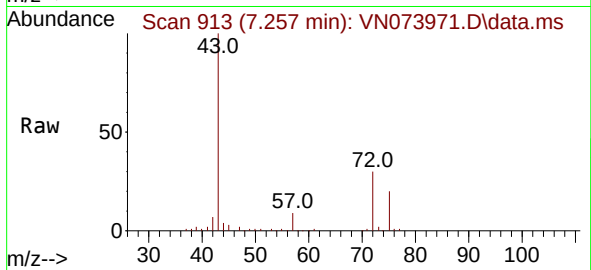




#25
2-Butanone
Concen: 37.316 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

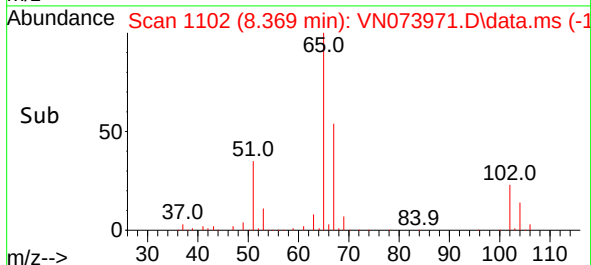
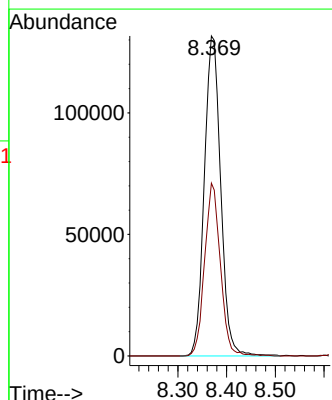
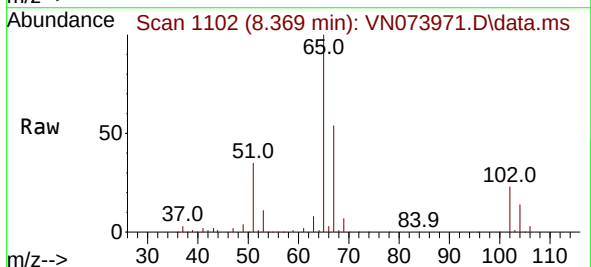
Instrument :
MSVOA_N
ClientSampleId :
33105RE

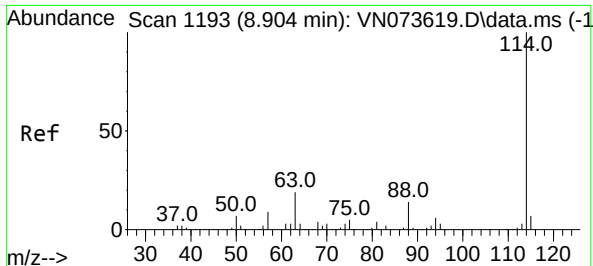
Tgt Ion: 43 Resp: 176600
Ion Ratio Lower Upper
43 100
72 29.6 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 48.489 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 65 Resp: 306753
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

33105RE

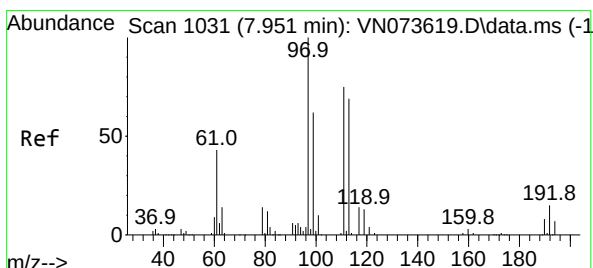
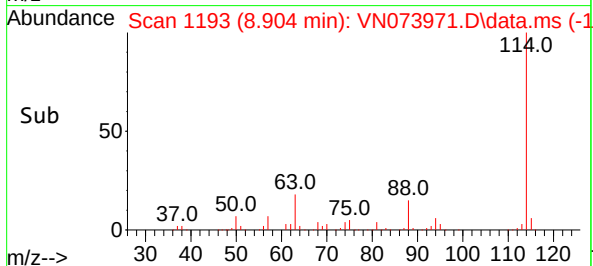
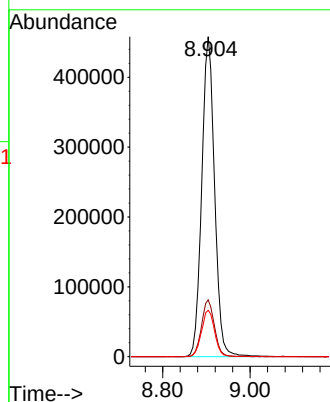
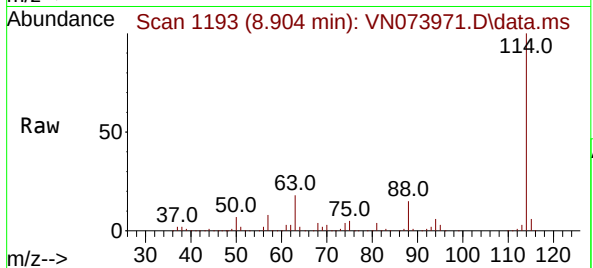
Tgt Ion:114 Resp: 937847

Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.726 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

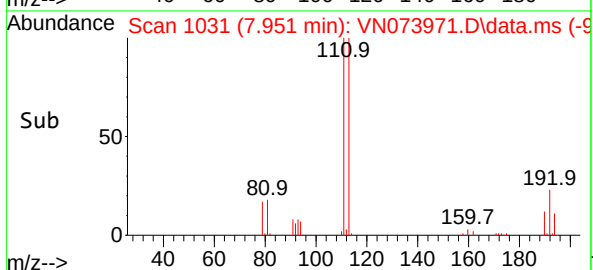
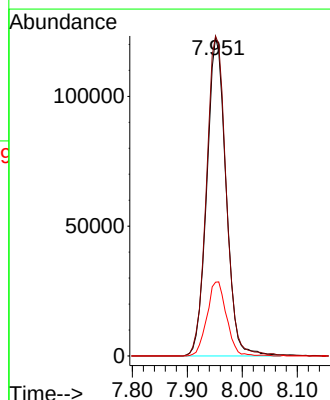
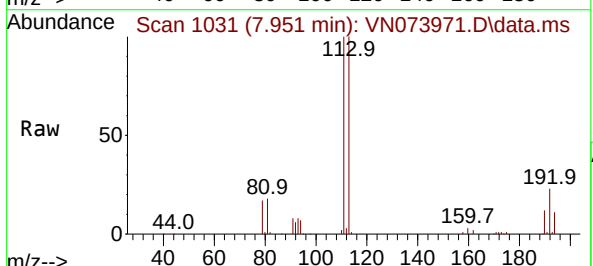
Tgt Ion:113 Resp: 297982

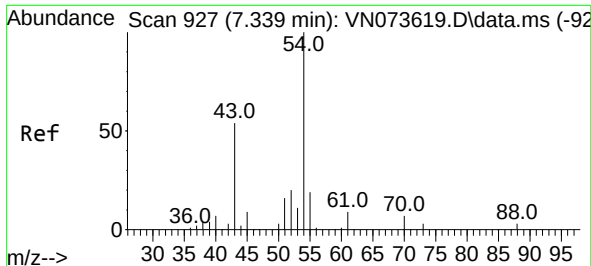
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.6 17.0 25.6

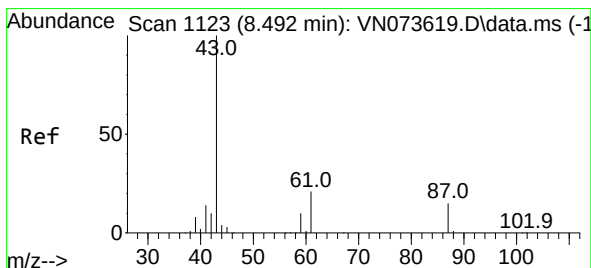
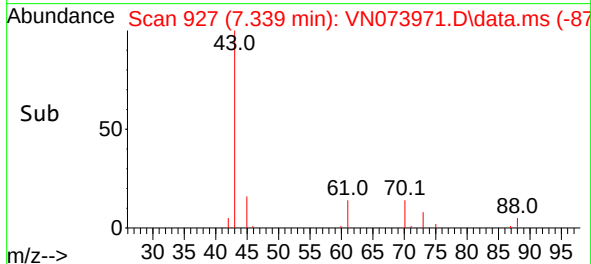
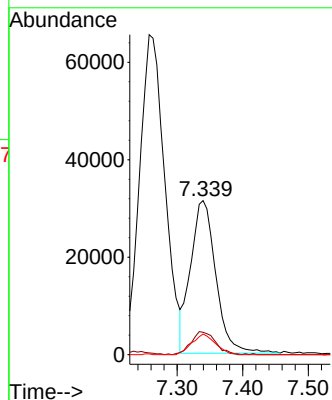
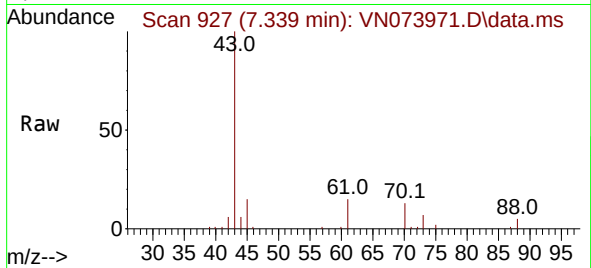




#37
Ethyl Acetate
Concen: 8.986 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

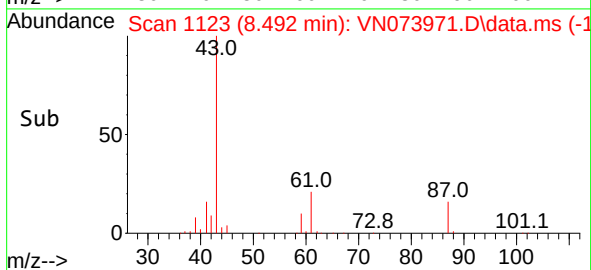
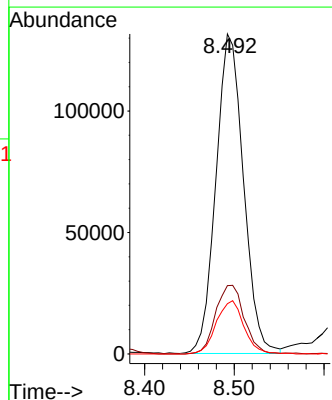
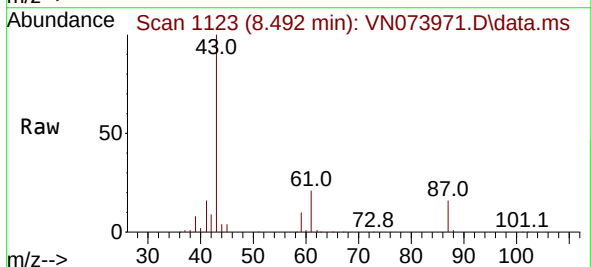
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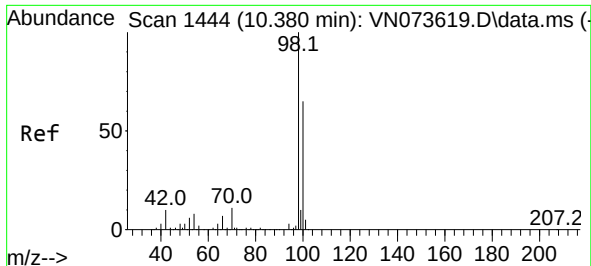
Tgt Ion:	43	Resp:	83869
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.8	17.6
70	12.5	9.3	13.9



#43
Isopropyl Acetate
Concen: 21.081 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion:	43	Resp:	280282
Ion	Ratio	Lower	Upper
43	100		
61	22.3	21.9	32.9
87	16.8	12.0	18.0

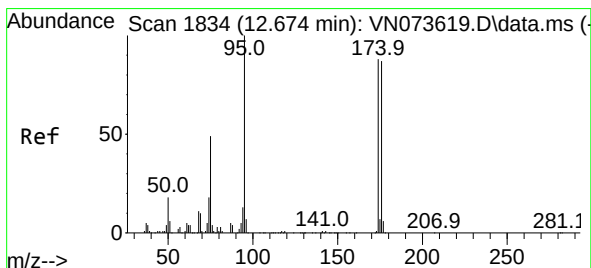
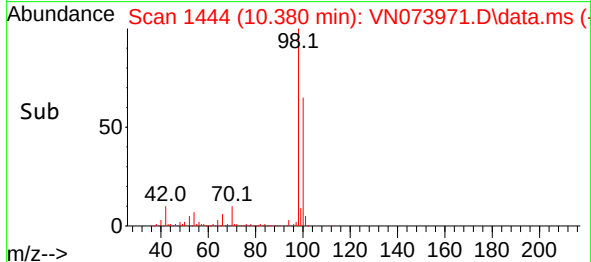
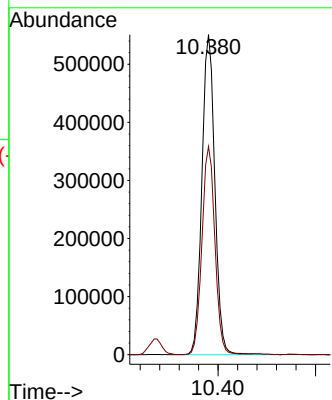
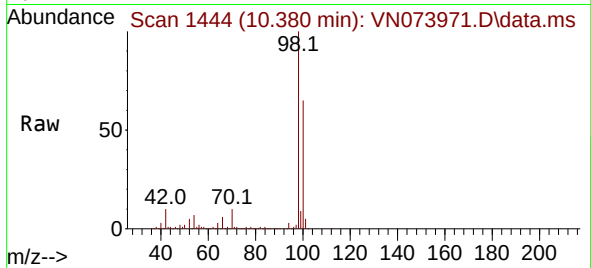




#50
Toluene-d8
Concen: 47.140 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

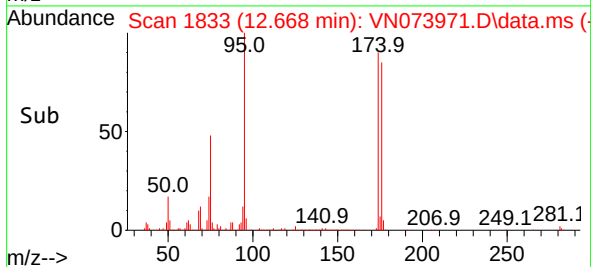
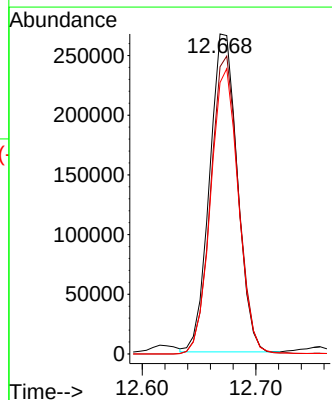
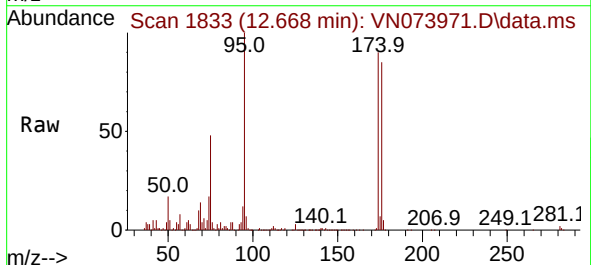
Instrument :
MSVOA_N
ClientSampleId :
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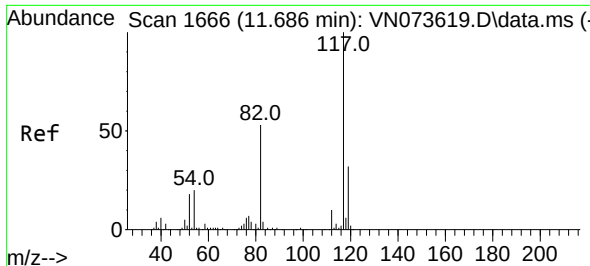
Tgt Ion: 98 Resp: 1012589
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 63.321 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion: 95 Resp: 451413
Ion Ratio Lower Upper
95 100
174 93.8 0.0 167.6
176 90.0 0.0 163.4

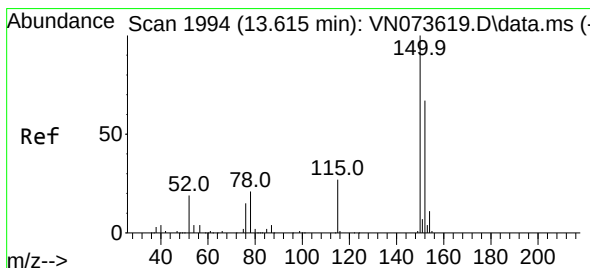
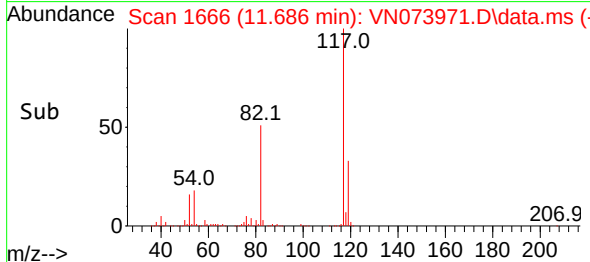
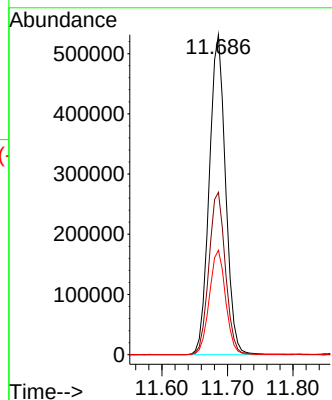
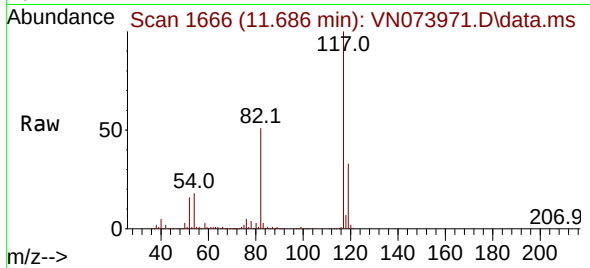




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

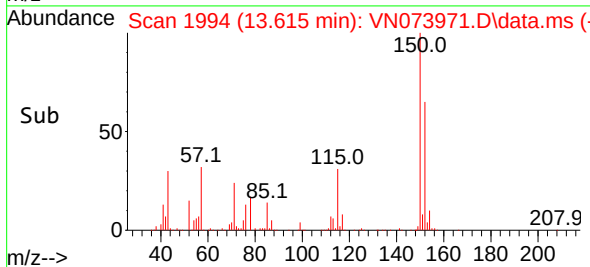
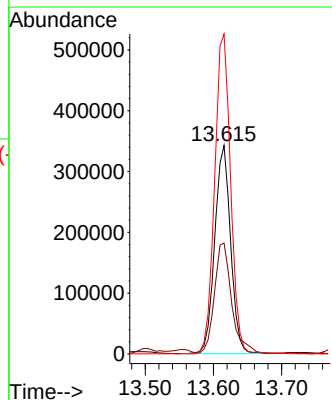
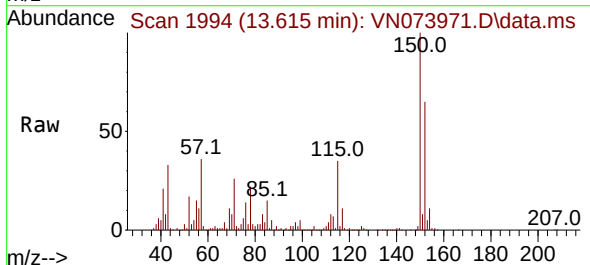
Instrument :
MSVOA_N
ClientSampleId :
33105RE

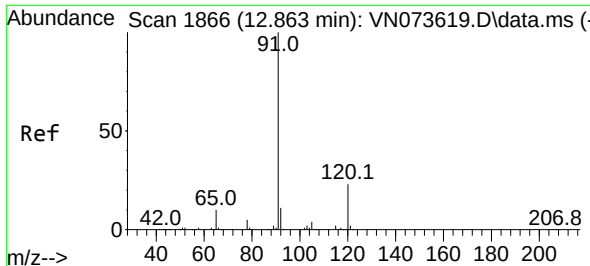
Tgt Ion:117 Resp: 918421
Ion Ratio Lower Upper
117 100
82 50.7 44.2 66.2
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion:152 Resp: 555661
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 154.6 0.0 356.2

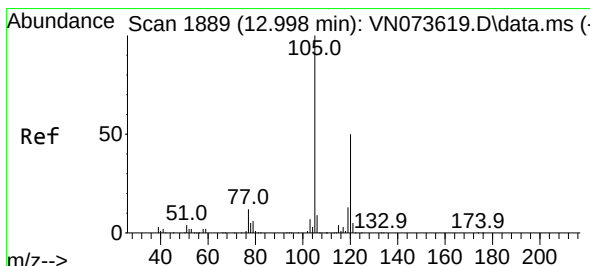
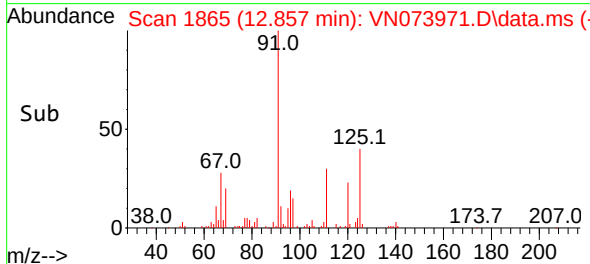
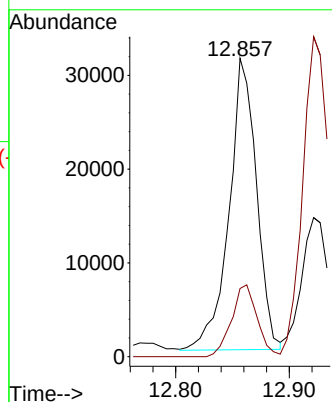
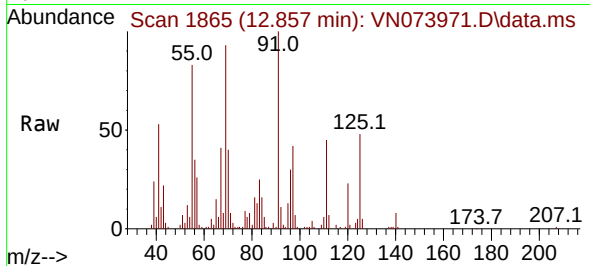




#78
n-propylbenzene
Concen: 1.207 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

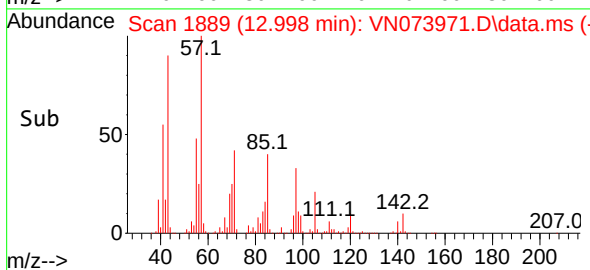
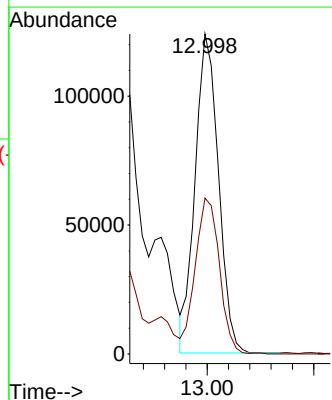
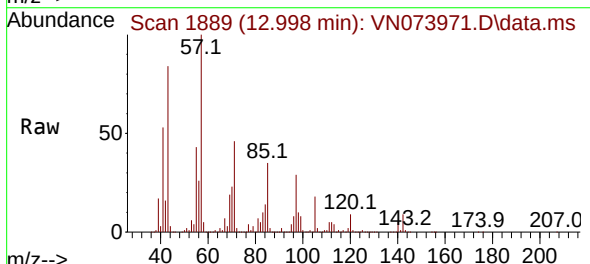
Instrument :
MSVOA_N
ClientSampleId :
33105RE

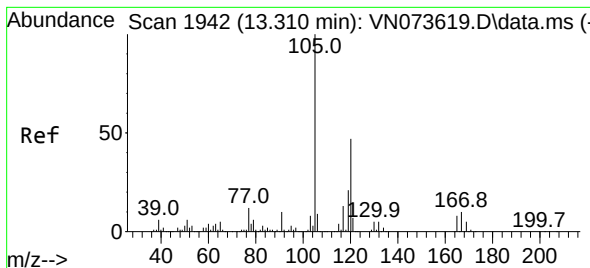
Tgt Ion: 91 Resp: 52054
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 5.726 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Tgt Ion:105 Resp: 188442
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 29.392 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN073971.D

Acq: 17 Aug 2022 13:06

Instrument :

MSVOA_N

ClientSampleId :

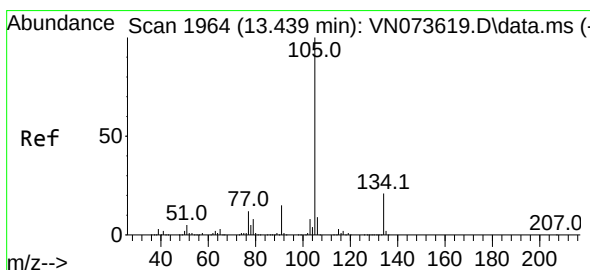
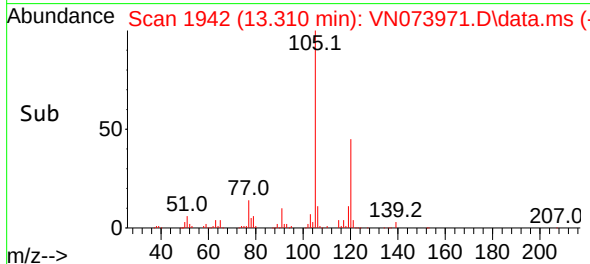
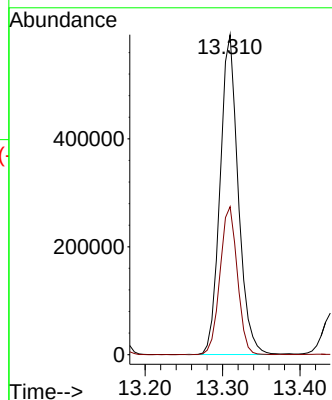
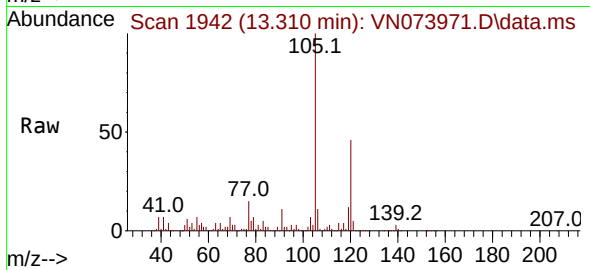
33105RE

Tgt Ion:105 Resp: 965976

Ion Ratio Lower Upper

105 100

120 44.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 3.189 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073971.D

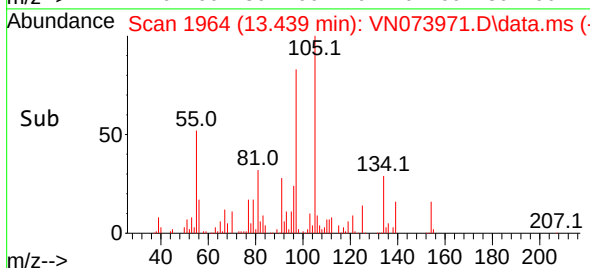
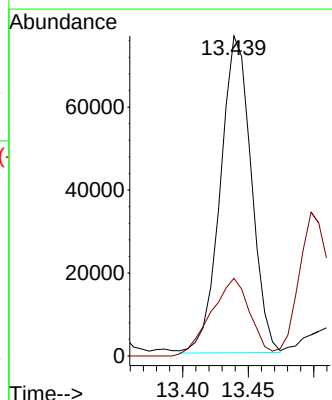
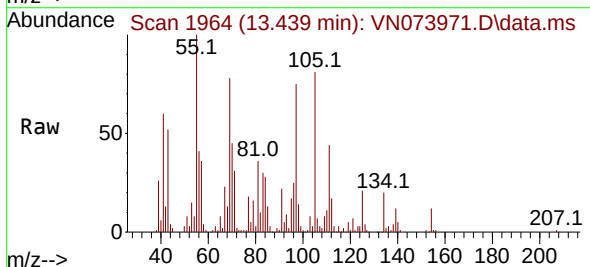
Acq: 17 Aug 2022 13:06

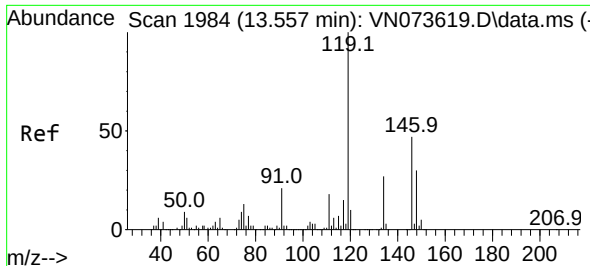
Tgt Ion:105 Resp: 125195

Ion Ratio Lower Upper

105 100

134 30.7 10.4 31.1

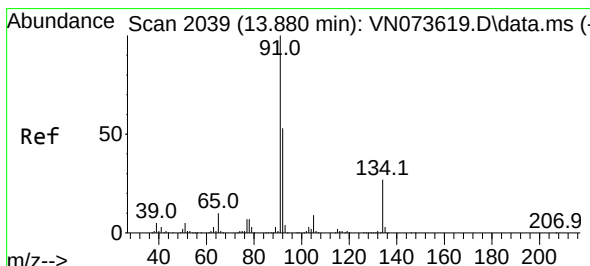
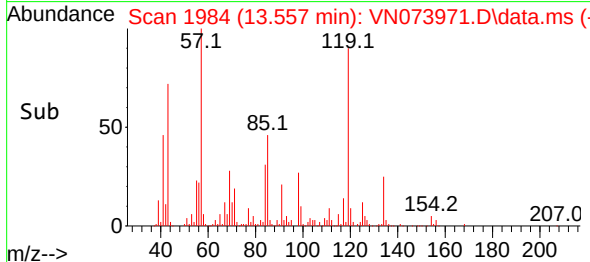
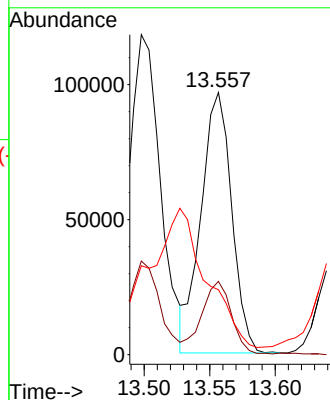
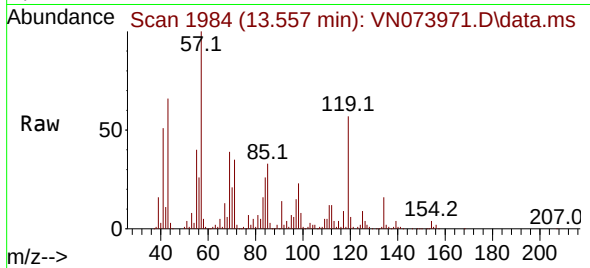




#86
p-Isopropyltoluene
Concen: 4.696 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

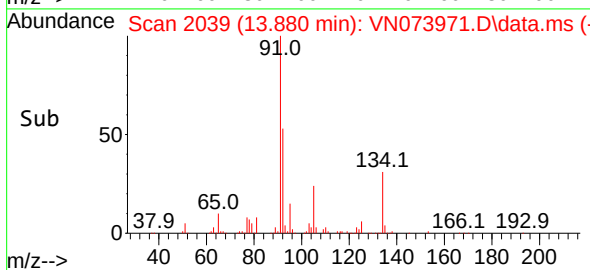
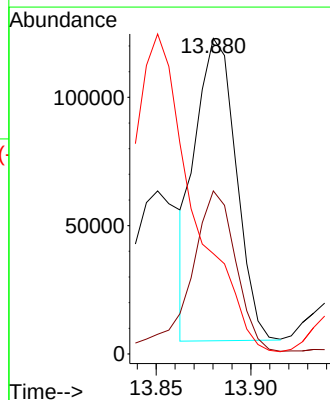
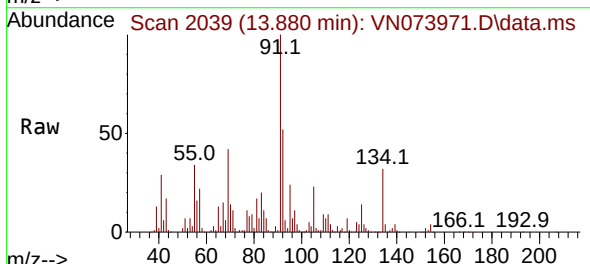
Instrument :
MSVOA_N
ClientSampleId :
33105RE

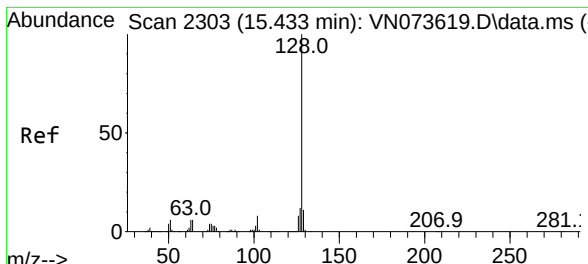
Tgt Ion:119 Resp: 157041
Ion Ratio Lower Upper
119 100
134 27.0 13.3 39.8
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 6.673 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

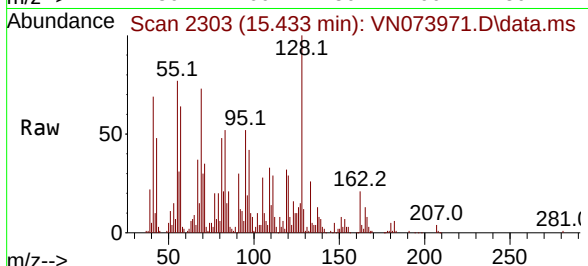
Tgt Ion: 91 Resp: 176757
Ion Ratio Lower Upper
91 100
92 58.6 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 3.219 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073971.D
Acq: 17 Aug 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
33105RE



Tgt Ion:	128	Resp:	125266
Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.3	15.5
129	12.2	8.6	13.0

