

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076497.D
 Acq On : 01 Feb 2023 14:26
 Operator : JC\MD
 Sample : 01383-01ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 0042ME

Quant Time: Feb 01 23:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

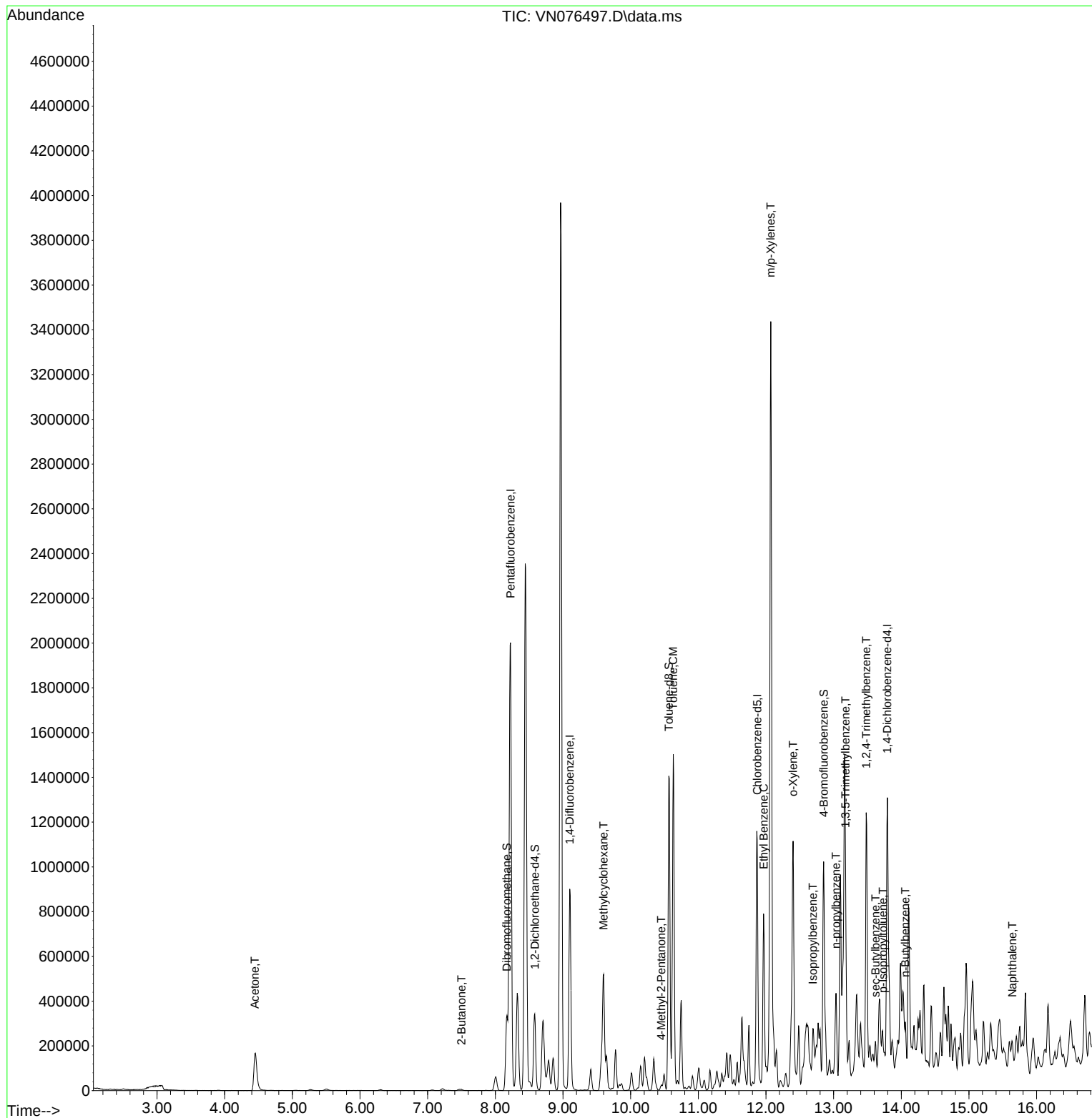
Internal Standards						
1) Pentafluorobenzene	8.224	168	522730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	827252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	701878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	328140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	292982	50.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.171	113	237130	45.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.640%			
50) Toluene-d8	10.565	98	943680	49.378	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.760%			
62) 4-Bromofluorobenzene	12.853	95	329445	52.805	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.600%			
Target Compounds					Qvalue	
16) Acetone	4.447	43	339910	181.142	ug/l	97
25) 2-Butanone	7.500	43	3065	1.070	ug/l	98
39) Methylcyclohexane	9.600	83	215721	24.023	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	12475m	2.215	ug/l	
52) Toluene	10.629	92	678877	46.170	ug/l	99
67) Ethyl Benzene	11.965	91	544803	21.455	ug/l	100
68) m/p-Xylenes	12.070	106	797224	78.296	ug/l	98
69) o-Xylene	12.400	106	295024	29.504	ug/l	95
73) Isopropylbenzene	12.694	105	116951	4.607	ug/l	98
78) n-propylbenzene	13.035	91	248890	8.689	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	204475	9.615	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	714530	33.507	ug/l	99
85) sec-Butylbenzene	13.617	105	67382	2.567	ug/l	82
86) p-Isopropyltoluene	13.729	119	39614	1.835	ug/l	97
89) n-Butylbenzene	14.059	91	101177	5.906	ug/l #	80
95) Naphthalene	15.641	128	90180	6.934	ug/l	97

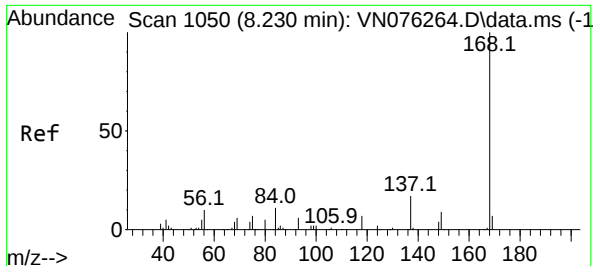
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
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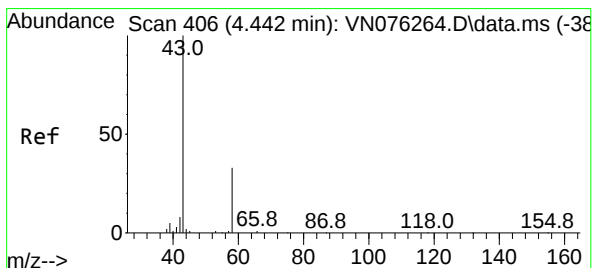
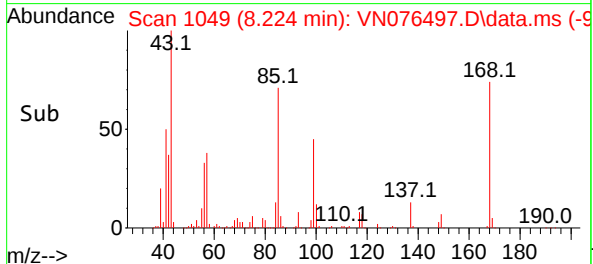
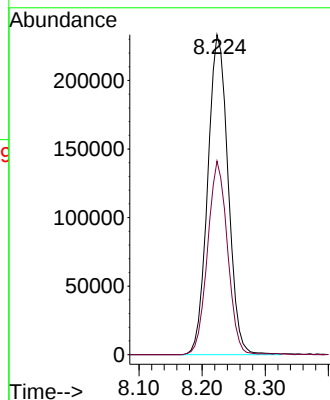
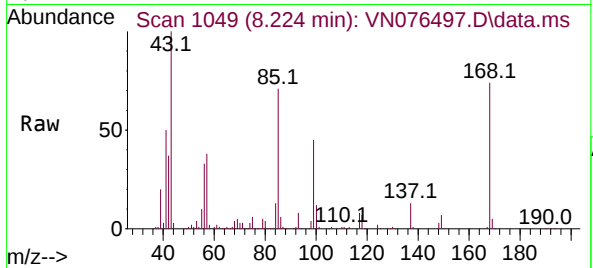




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

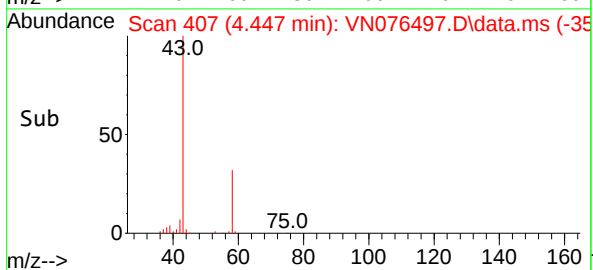
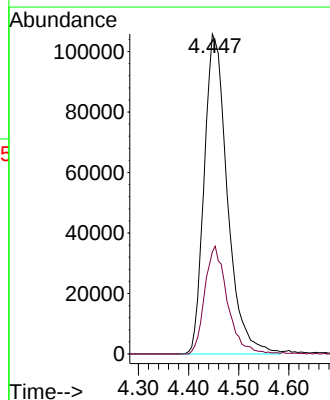
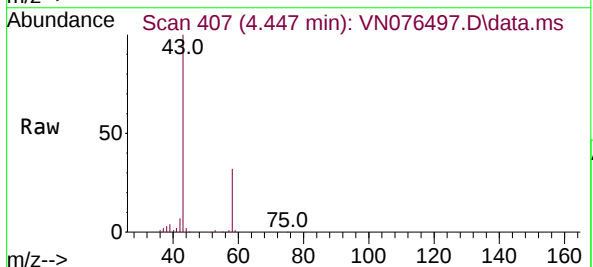
Instrument :
MSVOA_N
ClientSampleId :
0042ME

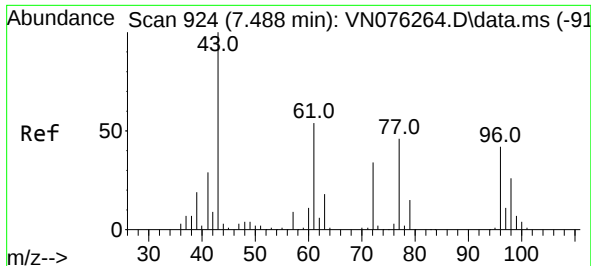
Tgt Ion:168 Resp: 522730
Ion Ratio Lower Upper
168 100
99 60.5 41.6 62.4



#16
Acetone
Concen: 181.142 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

Tgt Ion: 43 Resp: 339910
Ion Ratio Lower Upper
43 100
58 31.9 26.7 40.1





#25

2-Butanone

Concen: 1.070 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076497.D

Acq: 01 Feb 2023 14:26

Instrument :

MSVOA_N

ClientSampleId :

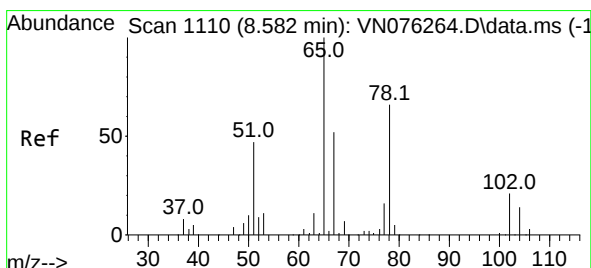
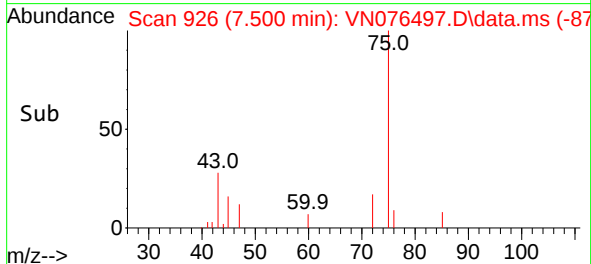
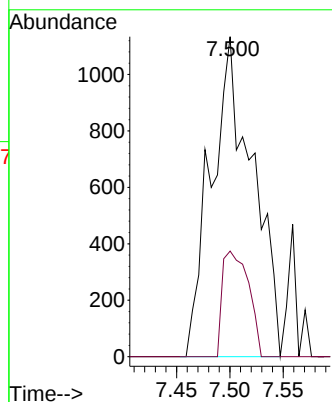
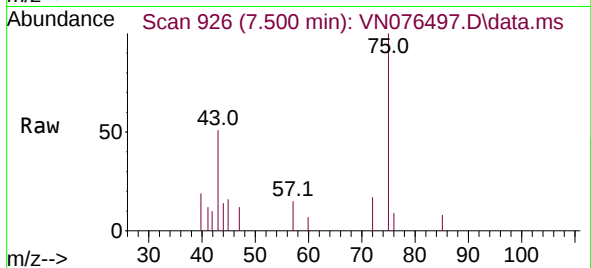
0042ME

Tgt Ion: 43 Resp: 3065

Ion Ratio Lower Upper

43 100

72 33.0 27.4 41.2



#33

1,2-Dichloroethane-d4

Concen: 50.057 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076497.D

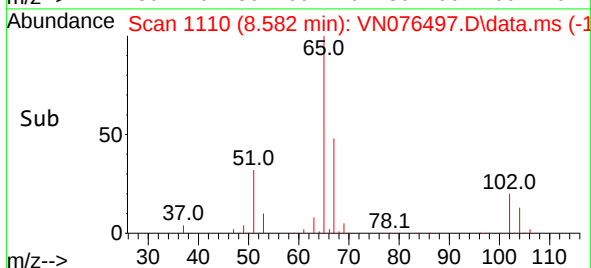
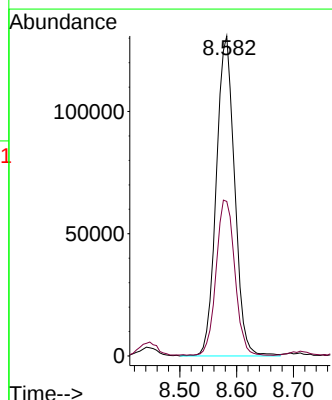
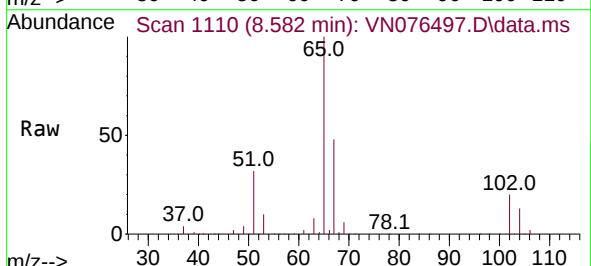
Acq: 01 Feb 2023 14:26

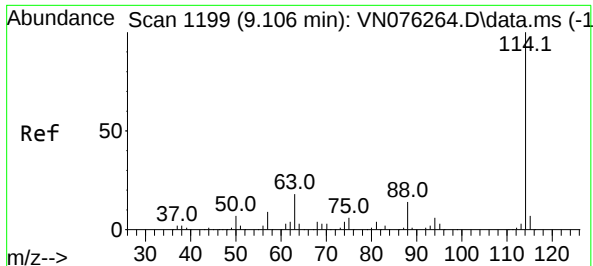
Tgt Ion: 65 Resp: 292982

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076497.D

Acq: 01 Feb 2023 14:26

Instrument :

MSVOA_N

ClientSampleId :

0042ME

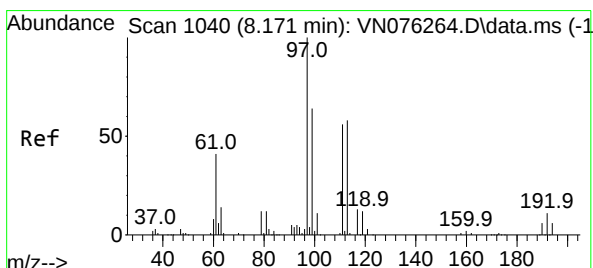
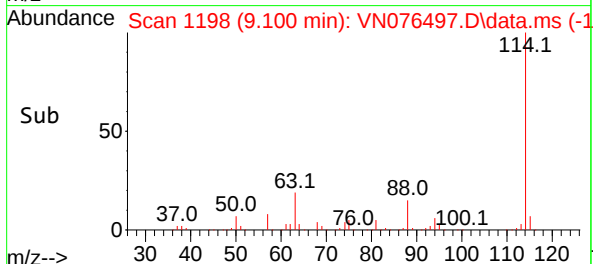
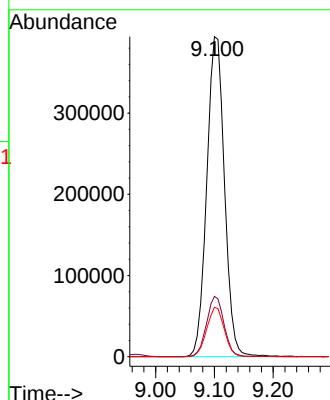
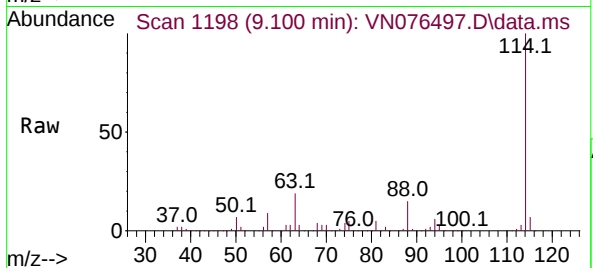
Tgt Ion:114 Resp: 827252

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.8

88 15.5 0.0 28.0



#35

Dibromofluoromethane

Concen: 45.824 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076497.D

Acq: 01 Feb 2023 14:26

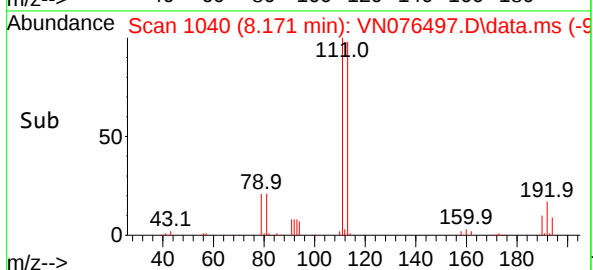
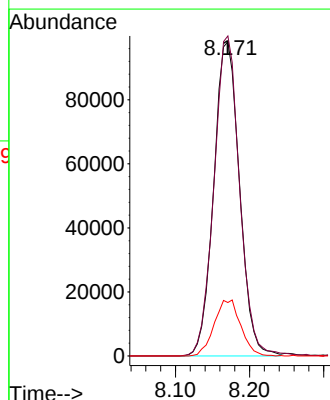
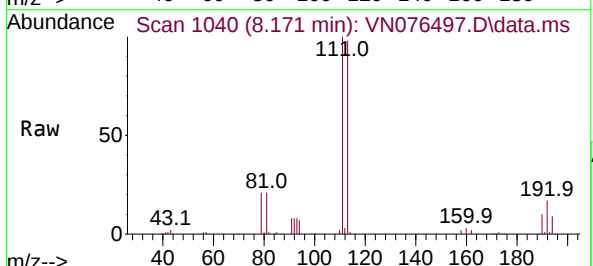
Tgt Ion:113 Resp: 237130

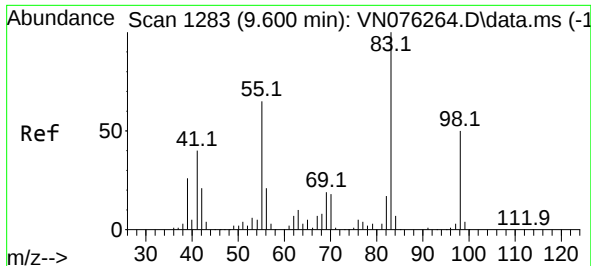
Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

192 18.4 15.6 23.4

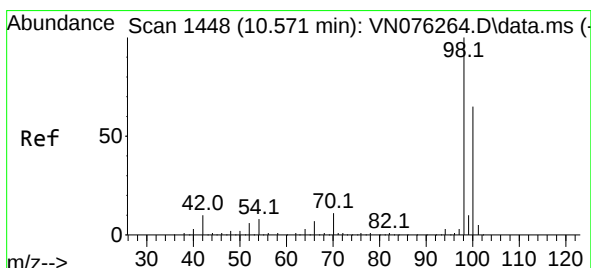
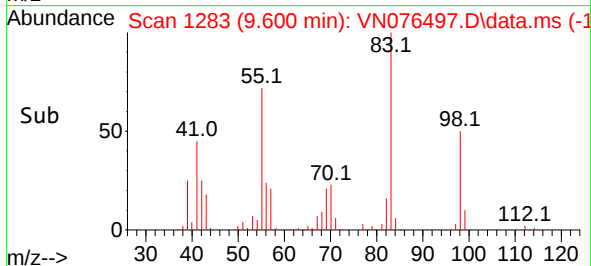
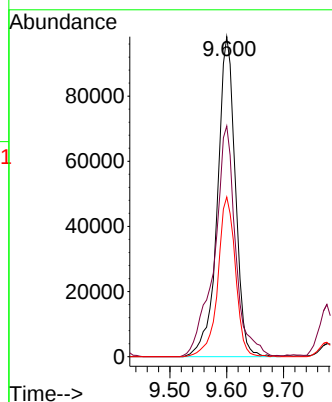
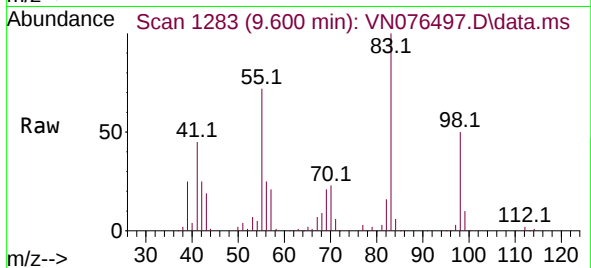




#39
Methylcyclohexane
Concen: 24.023 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

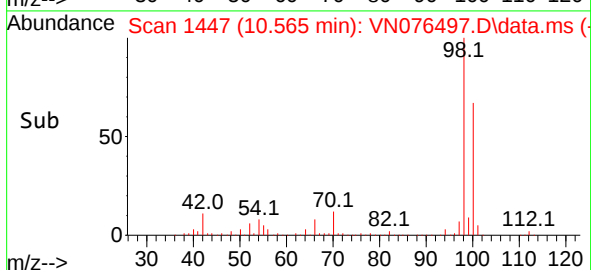
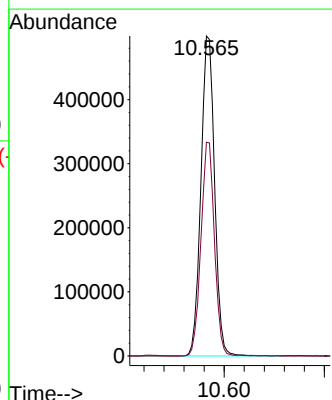
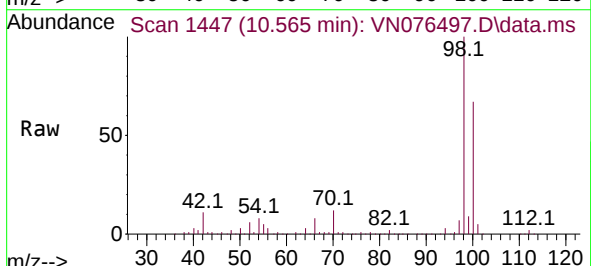
Instrument :
MSVOA_N
ClientSampleId :
0042ME

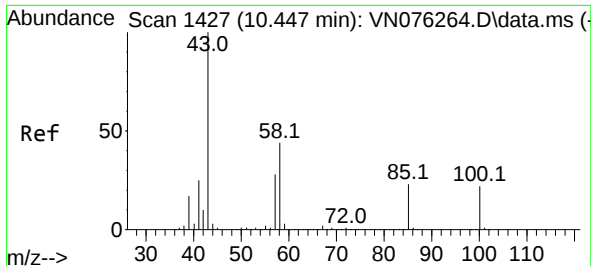
Tgt Ion: 83 Resp: 215721
Ion Ratio Lower Upper
83 100
55 72.1 51.7 77.5
98 49.9 40.0 60.0



#50
Toluene-d8
Concen: 49.378 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

Tgt Ion: 98 Resp: 943680
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4

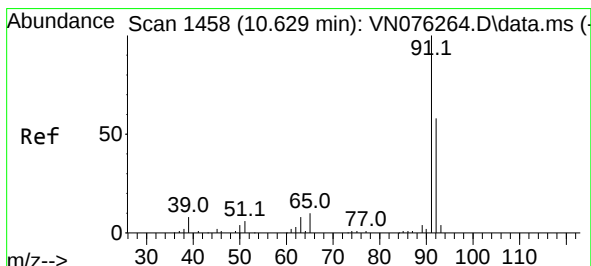
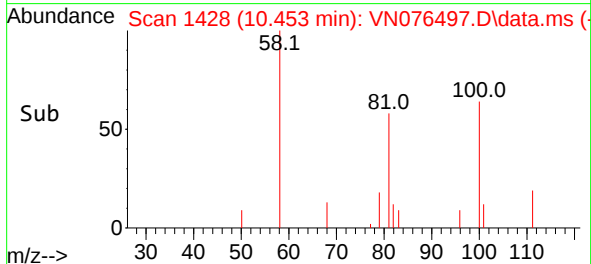
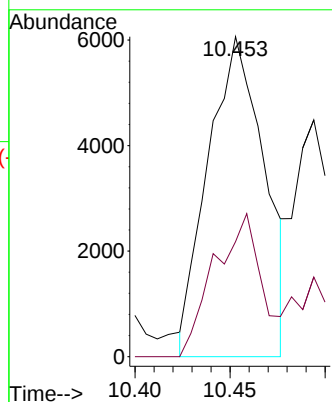
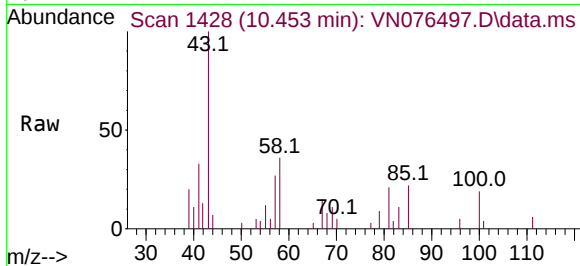




#51
4-Methyl-2-Pentanone
Concen: 2.215 ug/l m
RT: 10.453 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

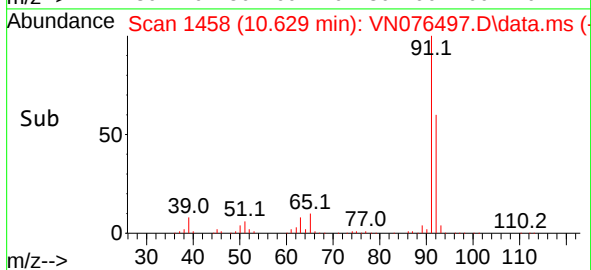
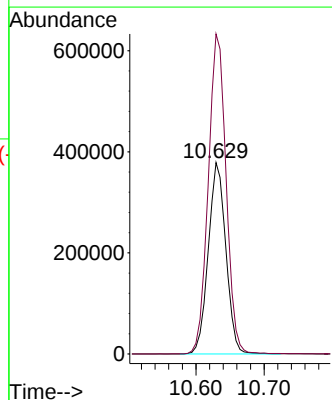
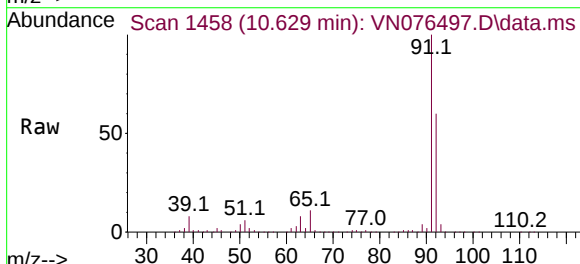
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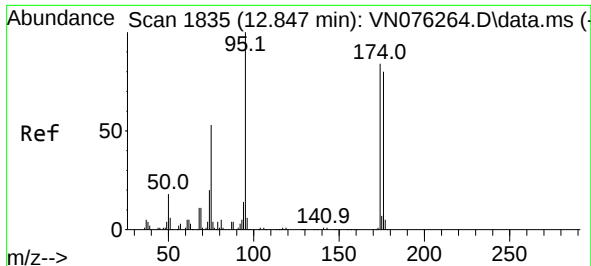
Tgt Ion: 43 Resp: 12475
Ion Ratio Lower Upper
43 100
58 0.0 35.1 52.7#



#52
Toluene
Concen: 46.170 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

Tgt Ion: 92 Resp: 678877
Ion Ratio Lower Upper
92 100
91 170.1 136.6 205.0

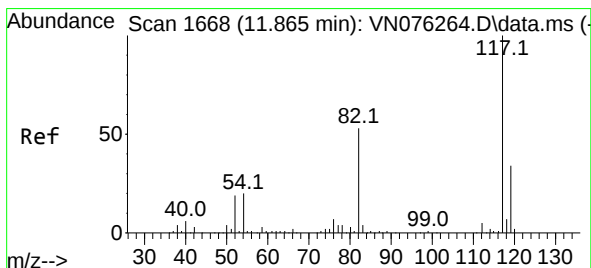
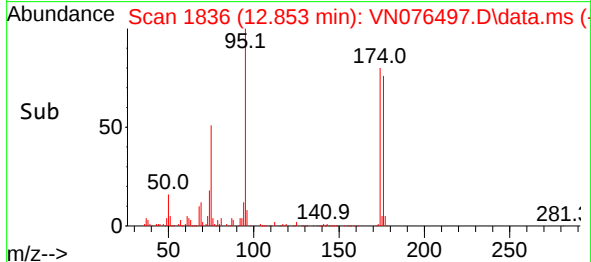
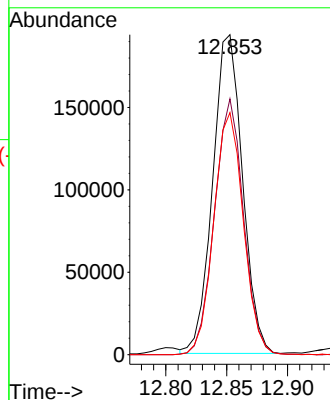
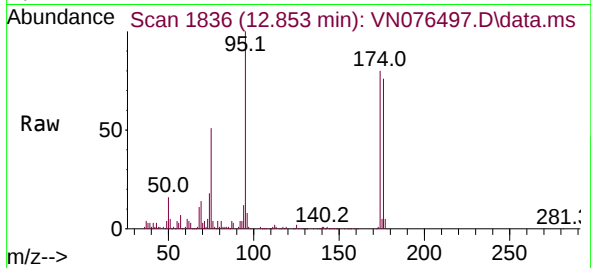




#62
4-Bromofluorobenzene
Concen: 52.805 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

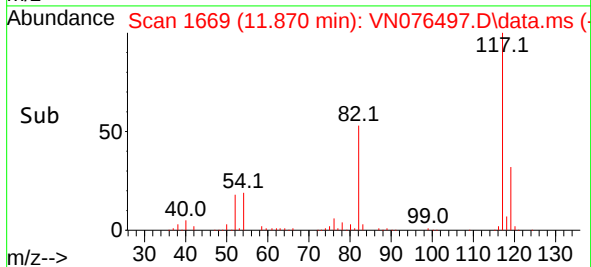
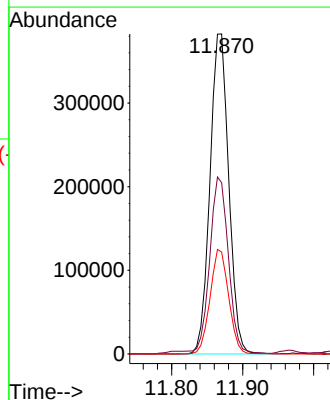
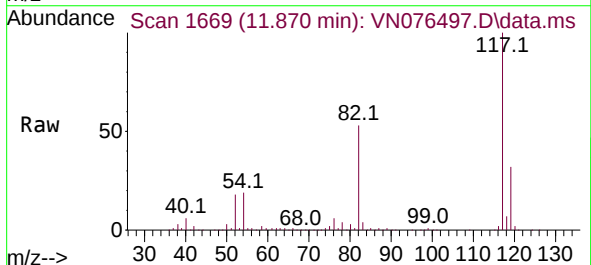
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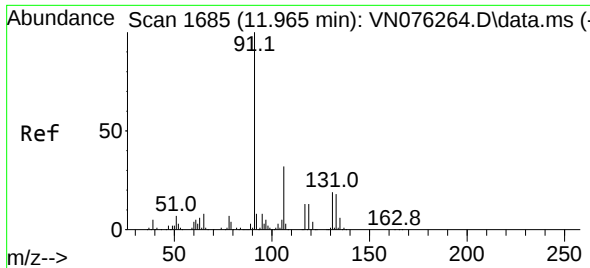
Tgt Ion: 95 Resp: 329445
Ion Ratio Lower Upper
95 100
174 78.0 0.0 174.6
176 75.4 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

Tgt Ion: 117 Resp: 701878
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 31.8 26.9 40.3

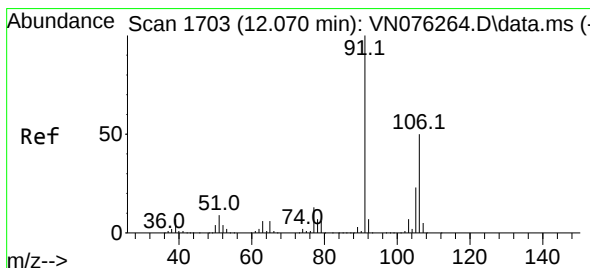
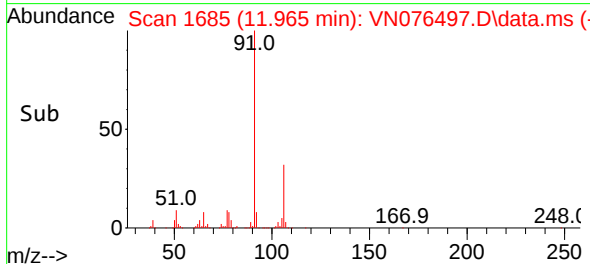
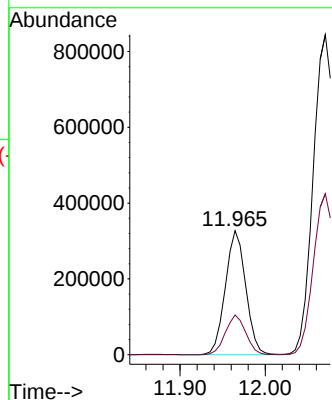
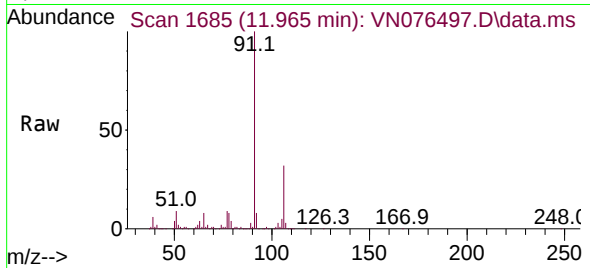




#67
Ethyl Benzene
Concen: 21.455 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

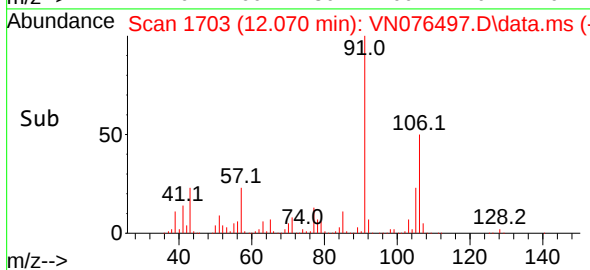
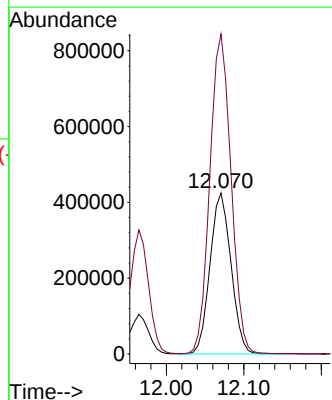
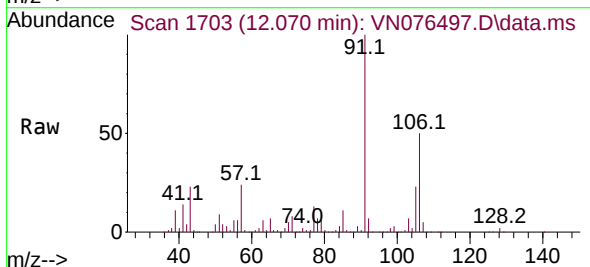
Instrument :
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ClientSampleId :
0042ME

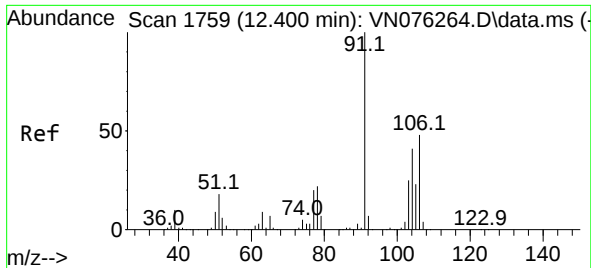
Tgt Ion: 91 Resp: 544803
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 78.296 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

Tgt Ion: 106 Resp: 797224
Ion Ratio Lower Upper
106 100
91 200.5 157.5 236.3

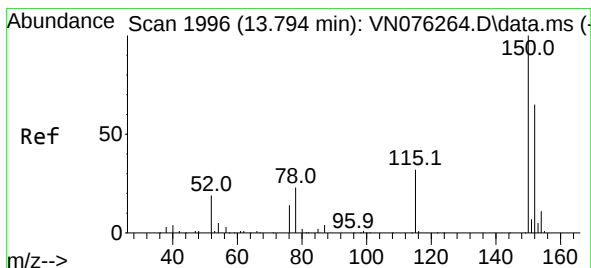
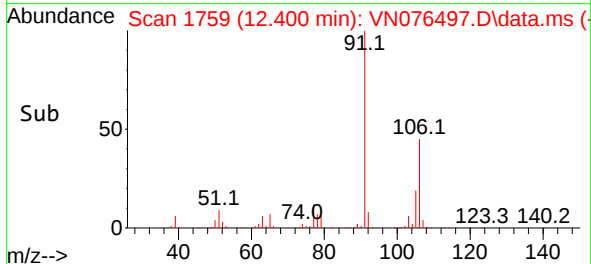
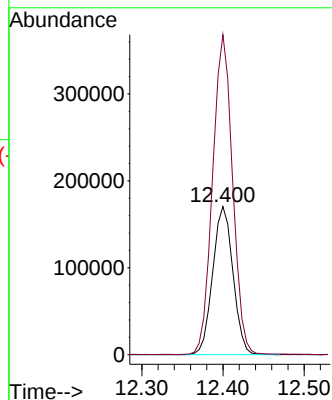
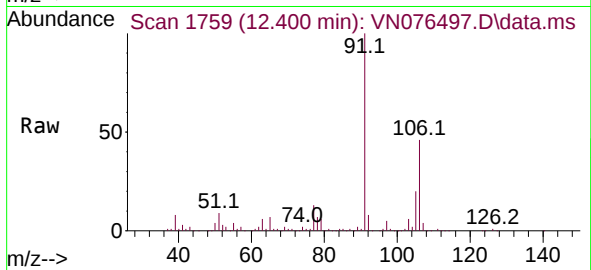




#69
o-Xylene
Concen: 29.504 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

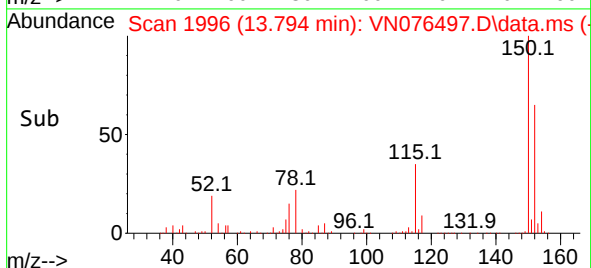
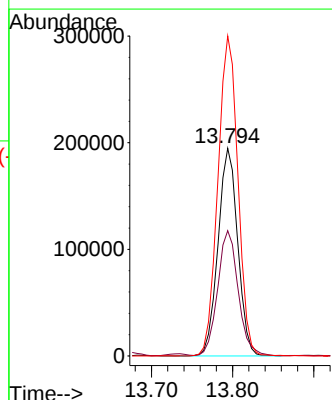
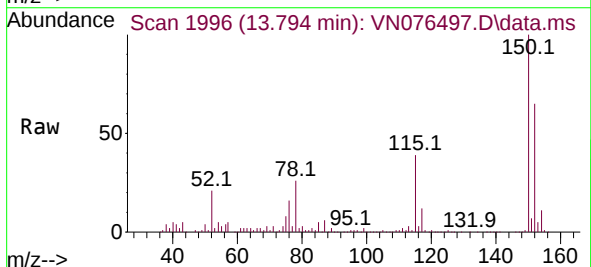
Instrument :
MSVOA_N
ClientSampleId :
0042ME

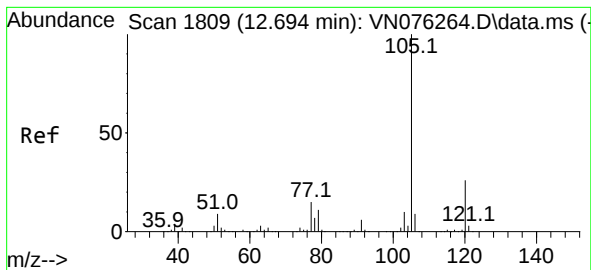
Tgt Ion:106 Resp: 295024
Ion Ratio Lower Upper
106 100
91 213.3 103.2 309.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076497.D
Acq: 01 Feb 2023 14:26

Tgt Ion:152 Resp: 328140
Ion Ratio Lower Upper
152 100
115 62.6 29.6 88.9
150 156.8 0.0 351.4





#73

Isopropylbenzene

Concen: 4.607 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN076497.D

Acq: 01 Feb 2023 14:26

Instrument :

MSVOA_N

ClientSampleId :

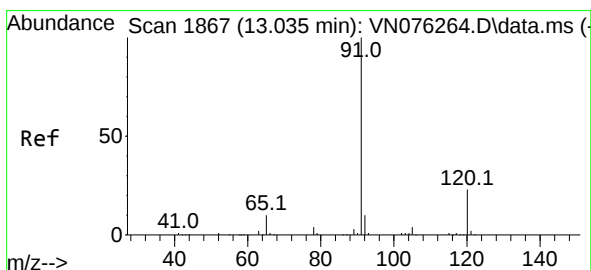
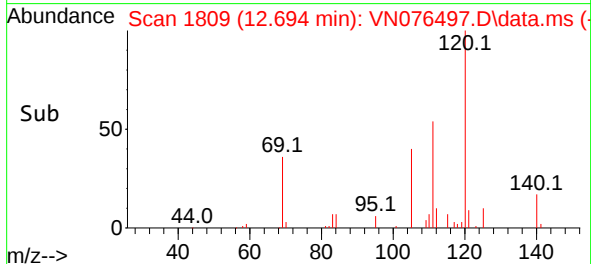
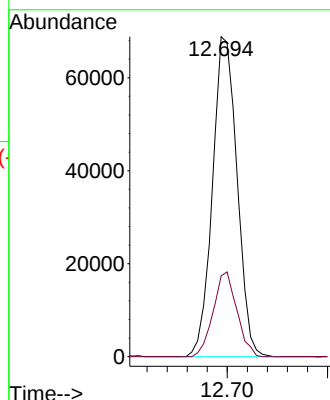
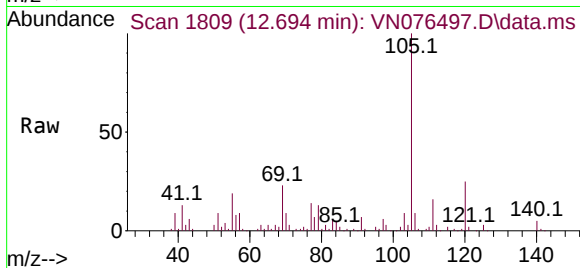
0042ME

Tgt Ion:105 Resp: 116951

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#78

n-propylbenzene

Concen: 8.689 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN076497.D

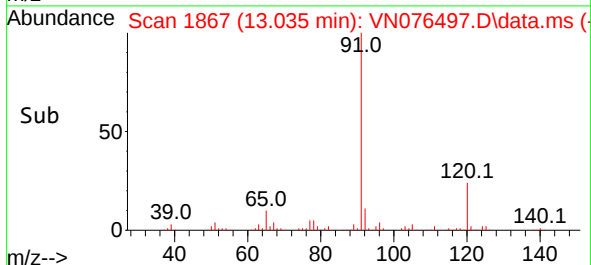
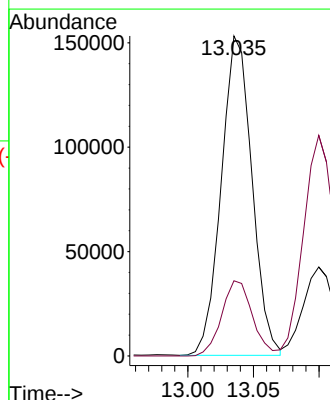
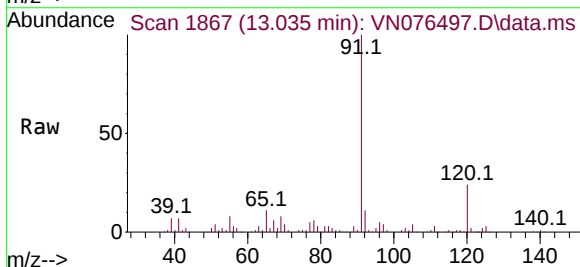
Acq: 01 Feb 2023 14:26

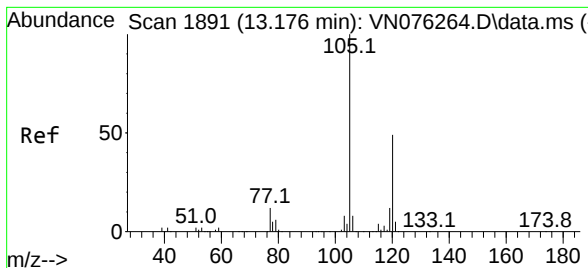
Tgt Ion: 91 Resp: 248890

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 9.615 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076497.D

Acq: 01 Feb 2023 14:26

Instrument :

MSVOA_N

ClientSampleId :

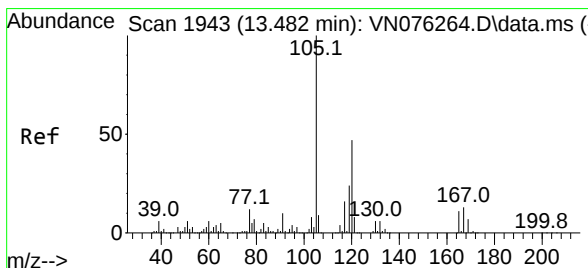
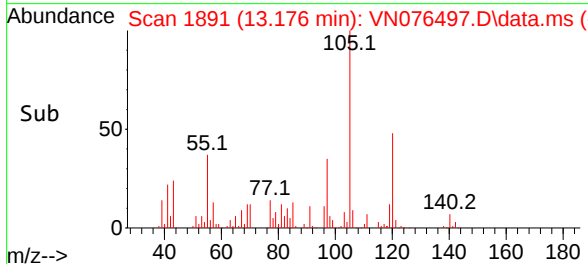
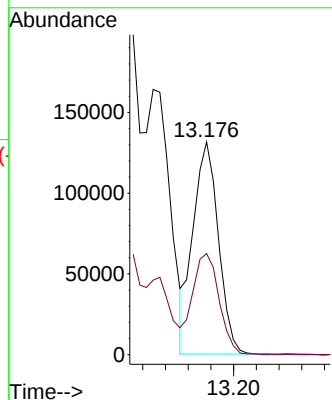
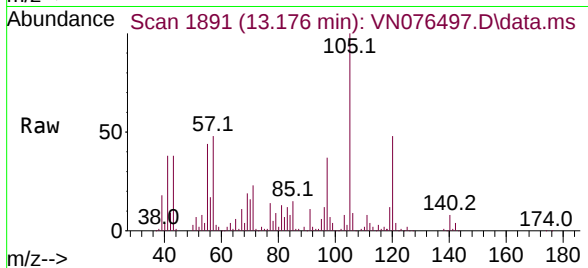
0042ME

Tgt Ion:105 Resp: 204475

Ion Ratio Lower Upper

105 100

120 50.2 25.0 75.0



#84

1,2,4-Trimethylbenzene

Concen: 33.507 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076497.D

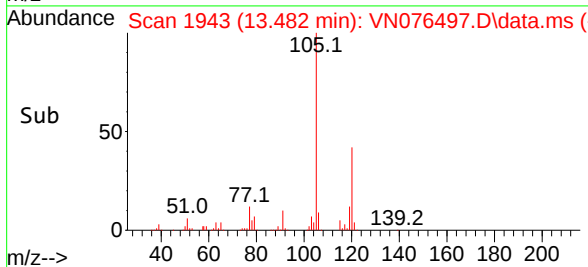
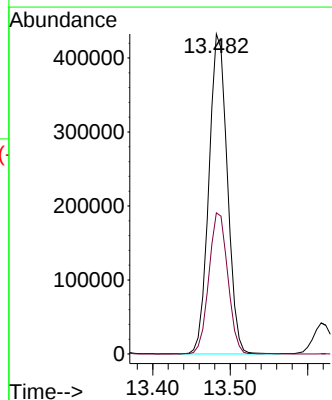
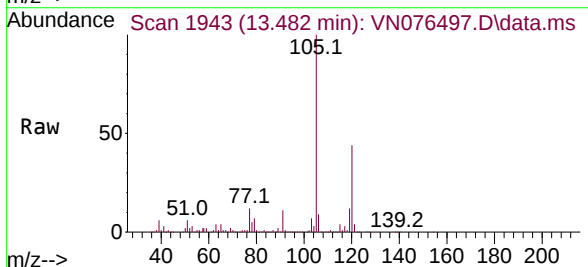
Acq: 01 Feb 2023 14:26

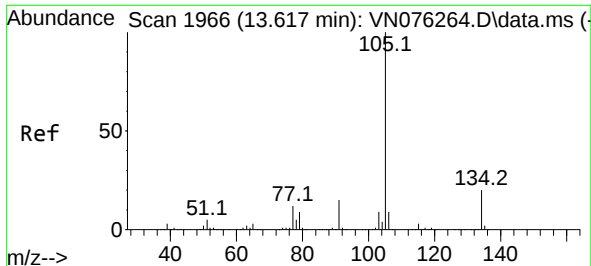
Tgt Ion:105 Resp: 714530

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.5

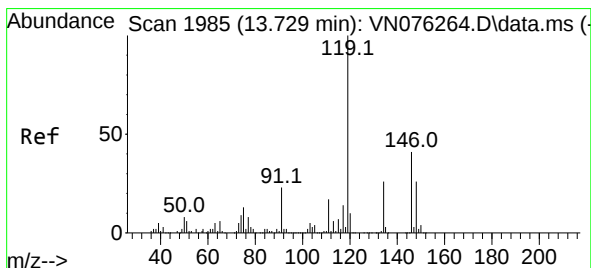
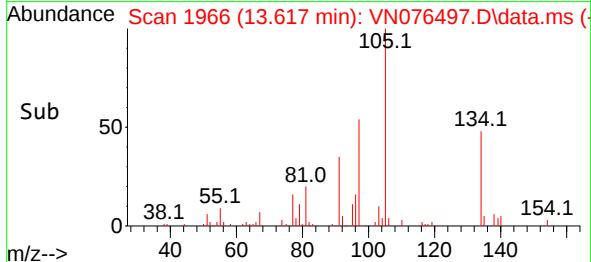
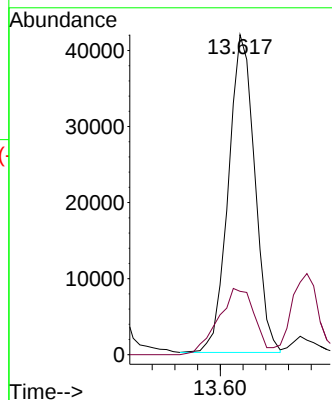
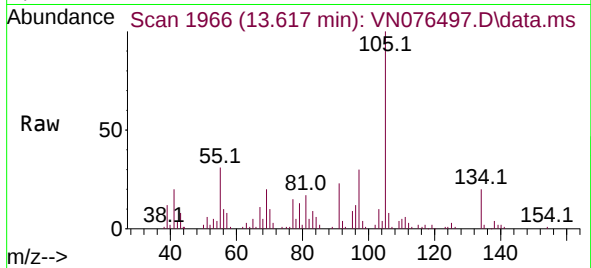




#85
 sec-Butylbenzene
 Concen: 2.567 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076497.D
 Acq: 01 Feb 2023 14:26

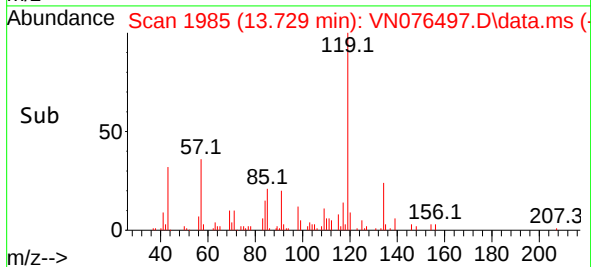
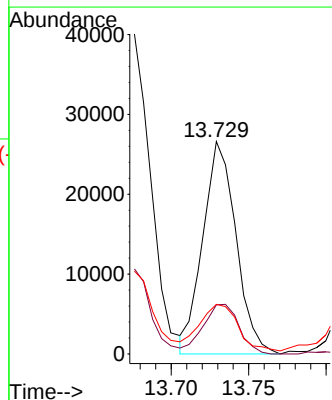
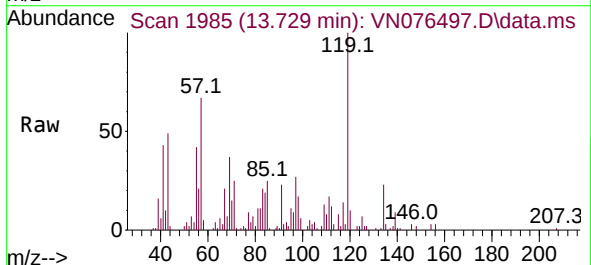
Instrument :
 MSVOA_N
 ClientSampleId :
 0042ME

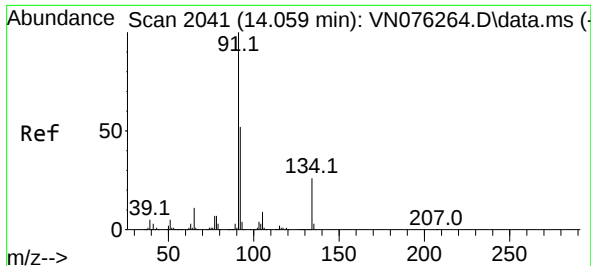
Tgt Ion:105 Resp: 67382
 Ion Ratio Lower Upper
 105 100
 134 28.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 1.835 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076497.D
 Acq: 01 Feb 2023 14:26

Tgt Ion:119 Resp: 39614
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.6
 91 25.2 11.8 35.3





#89

n-Butylbenzene

Concen: 5.906 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076497.D

Acq: 01 Feb 2023 14:26

Instrument :

MSVOA_N

ClientSampleId :

0042ME

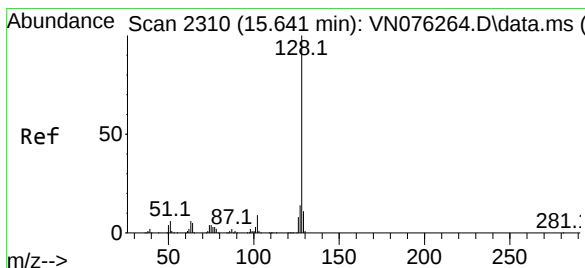
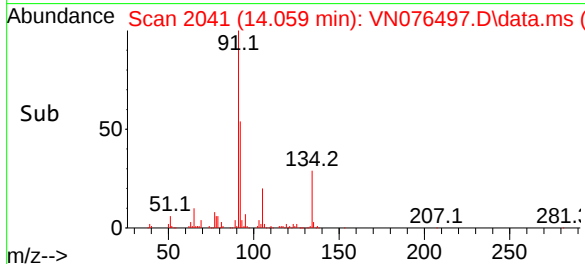
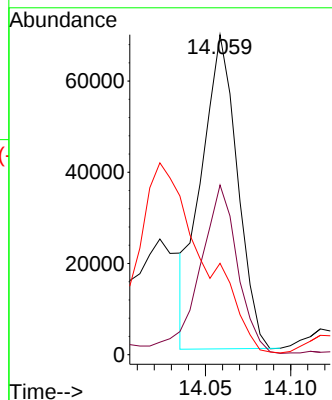
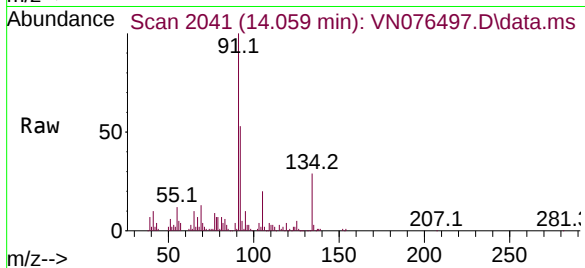
Tgt Ion: 91 Resp: 101177

Ion Ratio Lower Upper

91 100

92 55.8 26.3 78.9

134 0.0 13.2 39.5#



#95

Naphthalene

Concen: 6.934 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076497.D

Acq: 01 Feb 2023 14:26

Tgt Ion:128 Resp: 90180

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 11.8 8.6 13.0

