

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075026.D
 Acq On : 26 Oct 2022 17:17
 Operator : JC\MD
 Sample : N5187-01
 Misc : 1.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1202

Quant Time: Oct 26 17:34:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 26 14:47:41 2022
 Response via : Initial Calibration

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

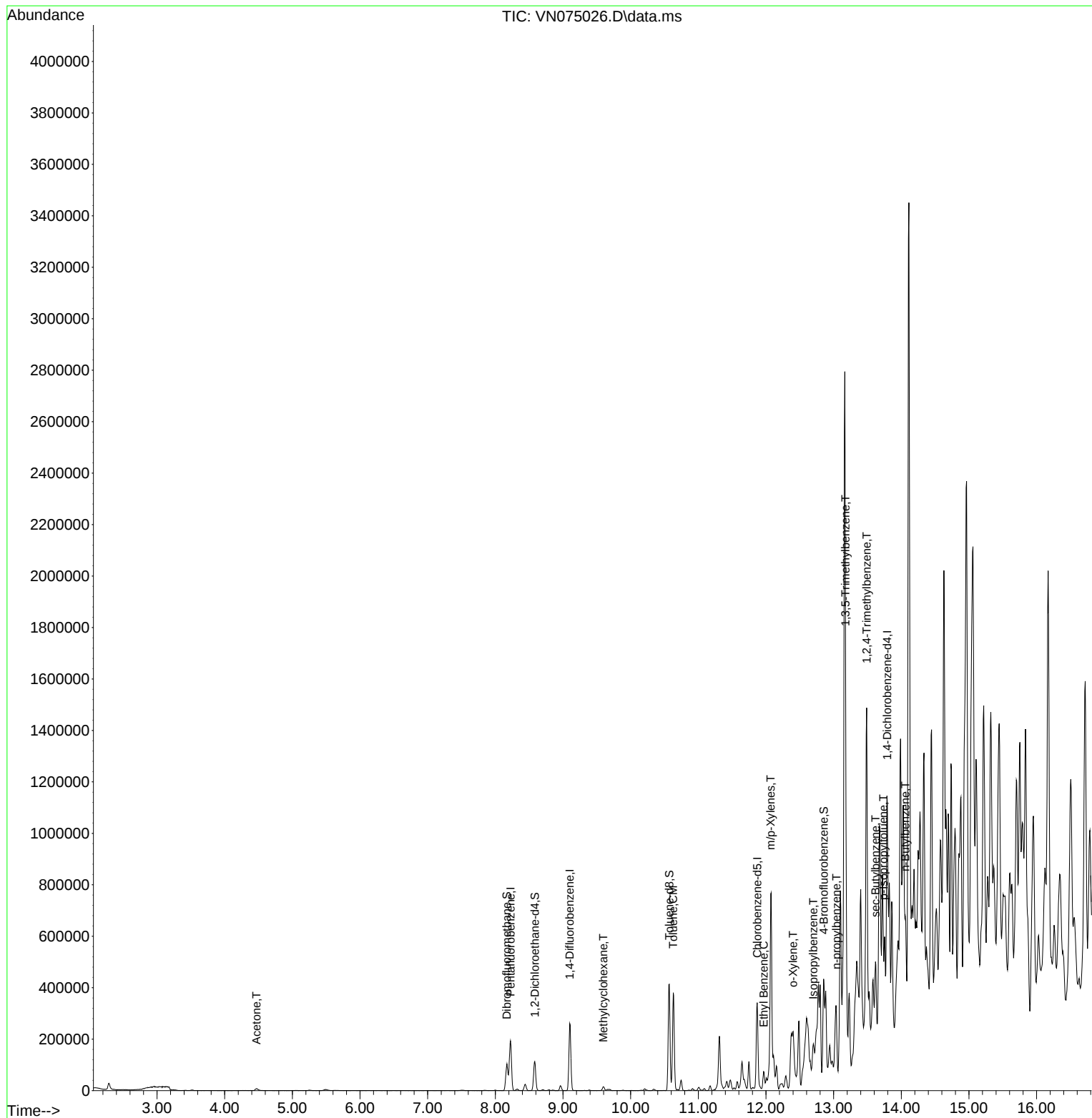
Internal Standards						
1) Pentafluorobenzene	8.224	168	125560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	227207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	200528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	92313	54.566	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.140%	
35) Dibromofluoromethane	8.171	113	71075	53.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.580%	
50) Toluene-d8	10.570	98	288871	55.822	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.640%	
62) 4-Bromofluorobenzene	12.853	95	115826	63.717	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 127.440%#	
Target Compounds						
					Qvalue	
16) Acetone	4.471	43	15243	21.279	ug/l #	88
39) Methylcyclohexane	9.594	83	6753	2.477	ug/l	90
52) Toluene	10.629	92	171523	40.583	ug/l	98
67) Ethyl Benzene	11.964	91	45529	5.912	ug/l	97
68) m/p-Xylenes	12.070	106	63820	20.654	ug/l	94
69) o-Xylene	12.400	106	38344	12.548	ug/l	96
73) Isopropylbenzene	12.700	105	35039	2.927	ug/l	98
78) n-propylbenzene	13.041	91	151548	11.276	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	179796	17.882	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	783322	77.000	ug/l	99
85) sec-Butylbenzene	13.617	105	135466	10.839	ug/l	88
86) p-Isopropyltoluene	13.735	119	78411	7.597	ug/l	100
89) n-Butylbenzene	14.058	91	209954	25.259	ug/l #	80

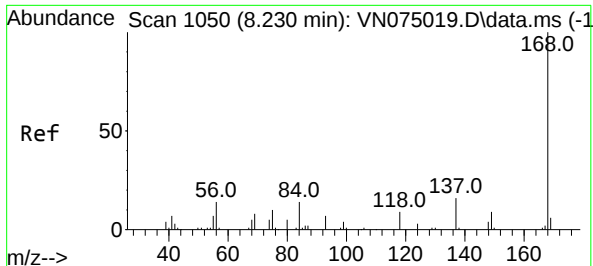
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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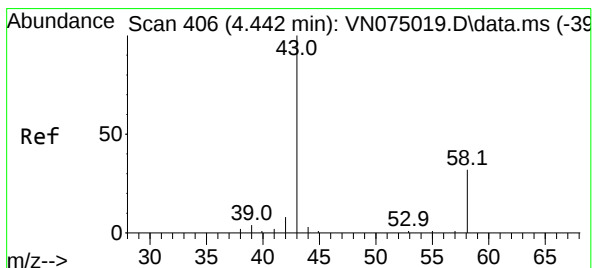
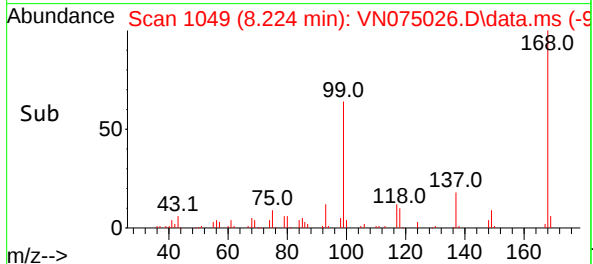
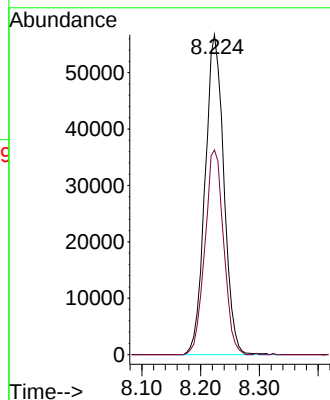
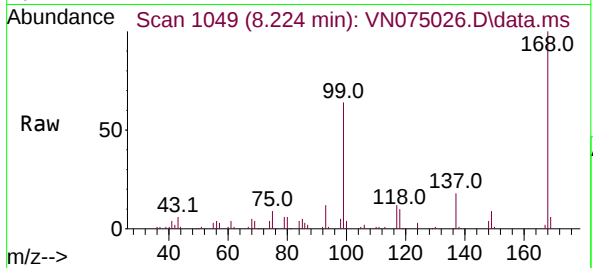




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

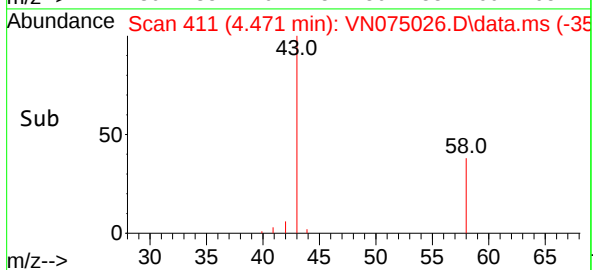
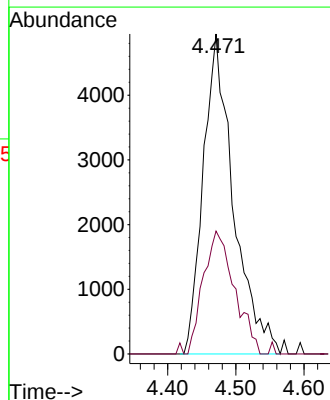
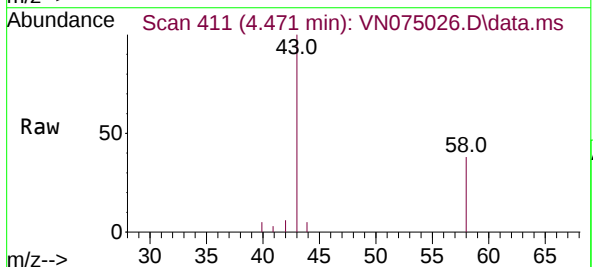
Instrument :
MSVOA_N
ClientSampleId :
BUR-1202

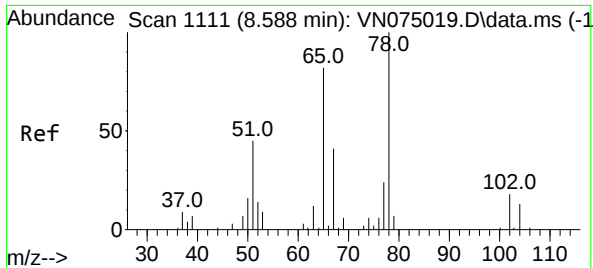
Tgt Ion:168 Resp: 125560
Ion Ratio Lower Upper
168 100
99 64.0 51.6 77.4



#16
Acetone
Concen: 21.279 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

Tgt Ion: 43 Resp: 15243
Ion Ratio Lower Upper
43 100
58 38.4 25.5 38.3#





#33

1,2-Dichloroethane-d4

Concen: 54.566 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075026.D

Acq: 26 Oct 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

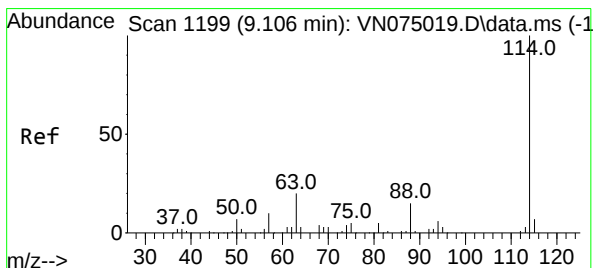
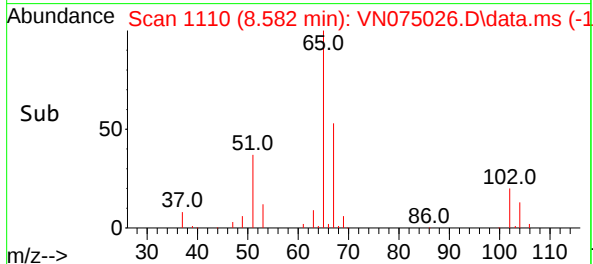
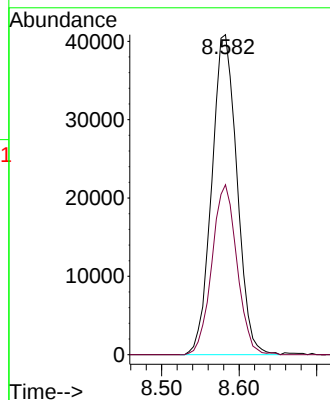
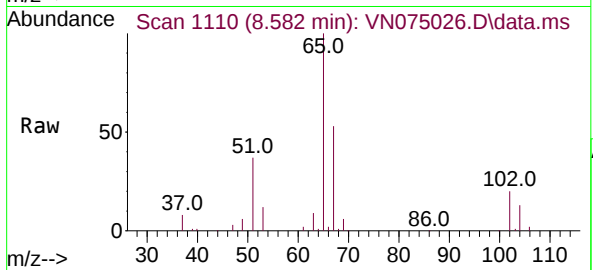
BUR-1202

Tgt Ion: 65 Resp: 92313

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075026.D

Acq: 26 Oct 2022 17:17

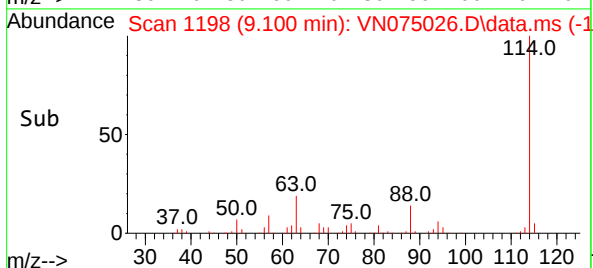
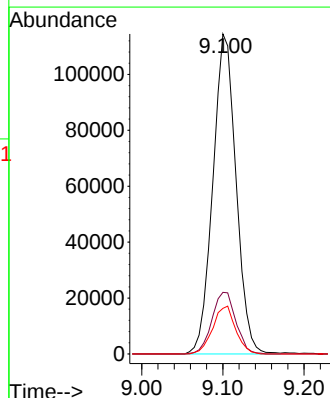
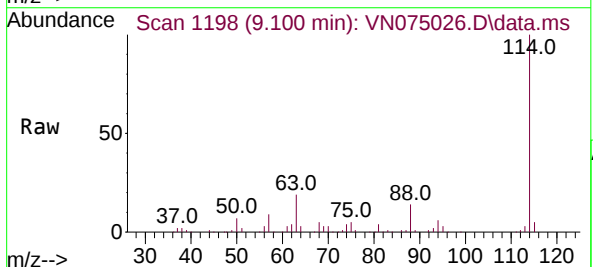
Tgt Ion: 114 Resp: 227207

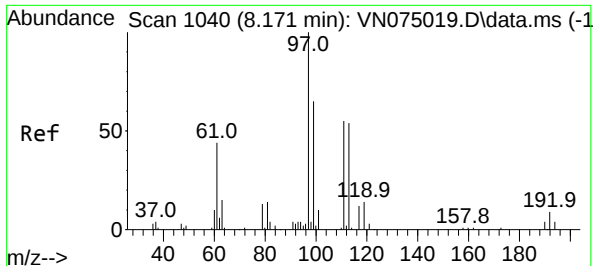
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 14.2 0.0 29.0

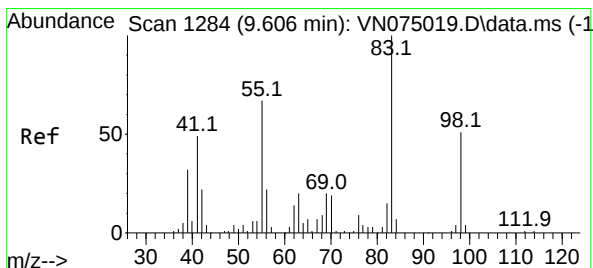
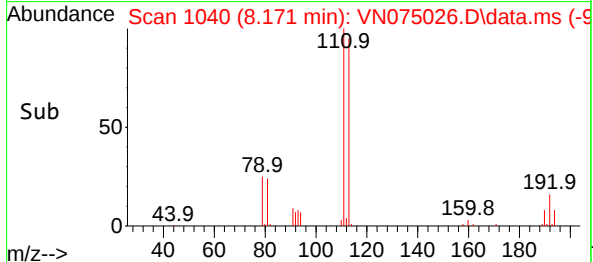
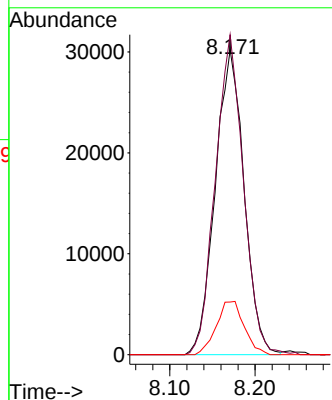
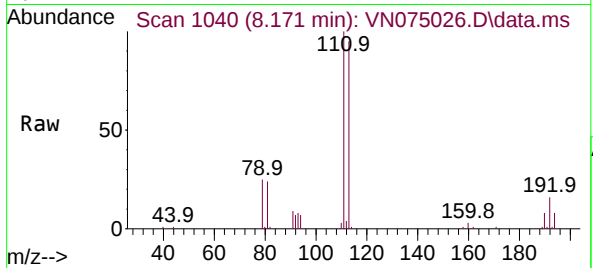




#35
Dibromofluoromethane
Concen: 53.287 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

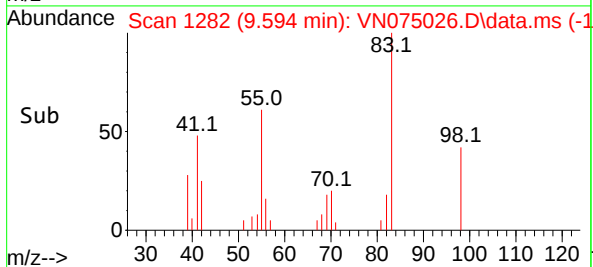
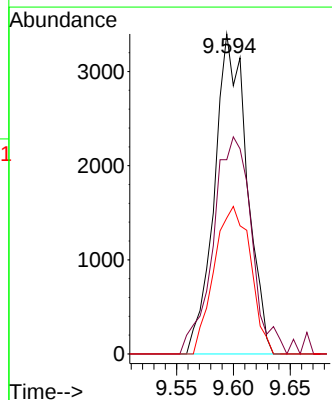
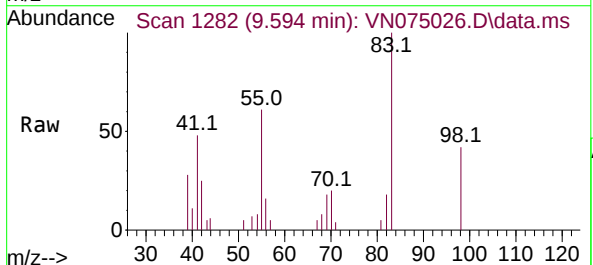
Instrument :
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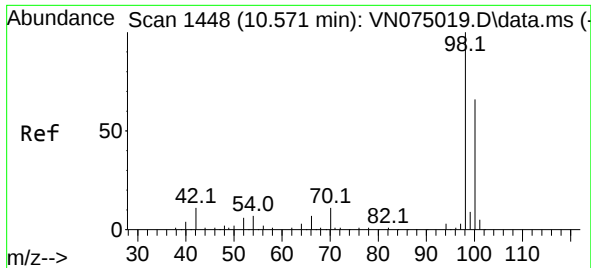
Tgt Ion:113 Resp: 71075
Ion Ratio Lower Upper
113 100
111 102.1 80.5 120.7
192 16.9 13.2 19.8



#39
Methylcyclohexane
Concen: 2.477 ug/l
RT: 9.594 min Scan# 1282
Delta R.T. -0.012 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

Tgt Ion: 83 Resp: 6753
Ion Ratio Lower Upper
83 100
55 60.7 53.6 80.4
98 42.5 41.1 61.7

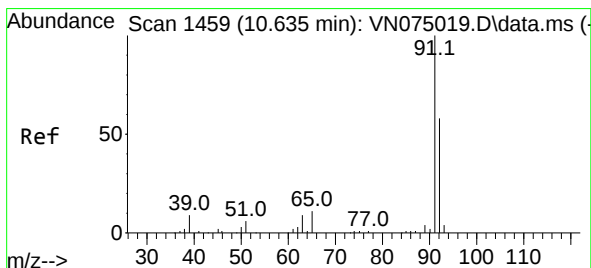
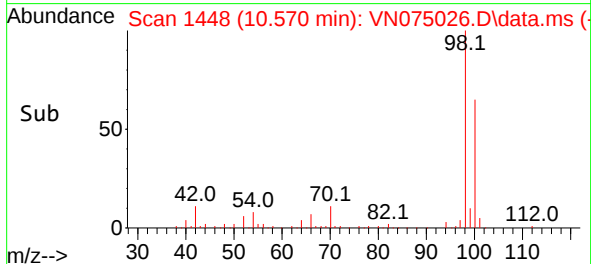
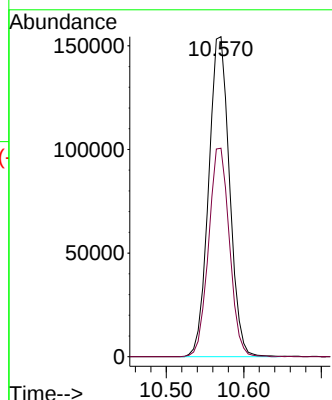
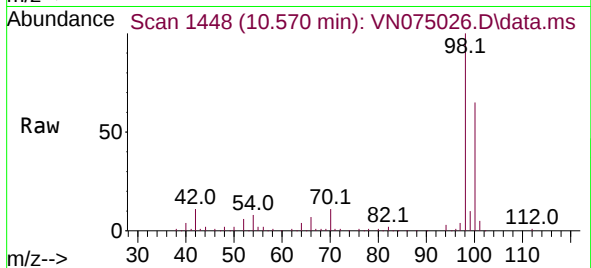




#50
Toluene-d8
Concen: 55.822 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

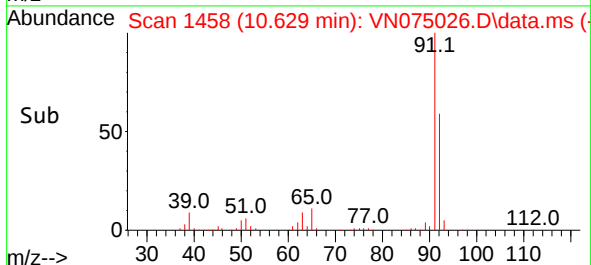
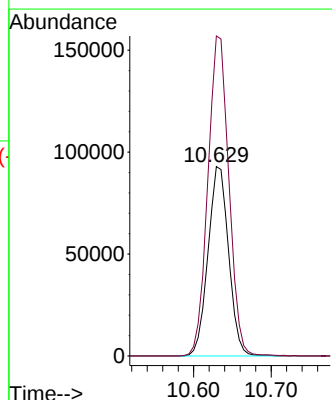
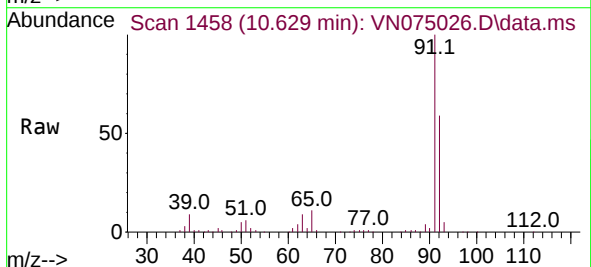
Instrument :
MSVOA_N
ClientSampleId :
BUR-1202

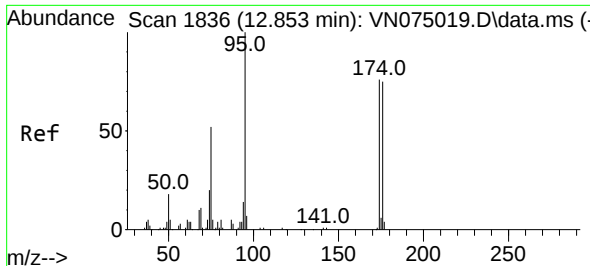
Tgt Ion: 98 Resp: 288871
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6



#52
Toluene
Concen: 40.583 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

Tgt Ion: 92 Resp: 171523
Ion Ratio Lower Upper
92 100
91 172.4 135.4 203.2

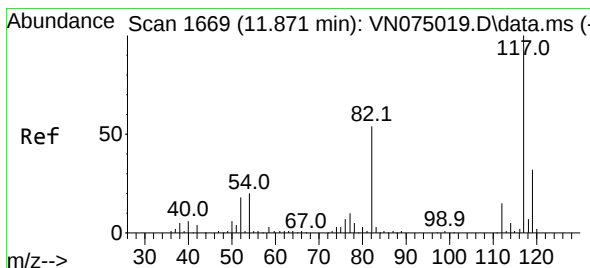
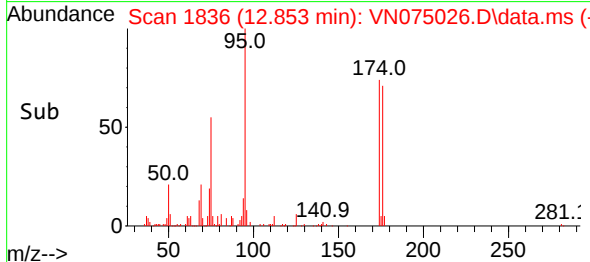
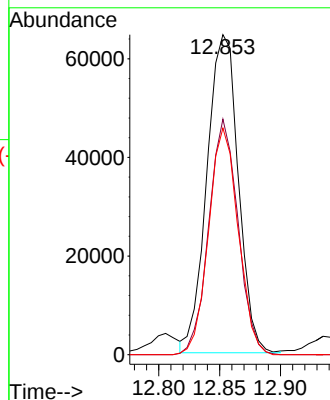
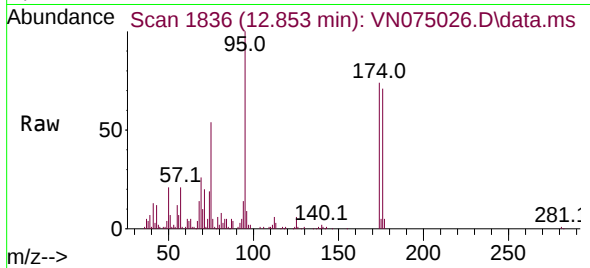




#62
4-Bromofluorobenzene
Concen: 63.717 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

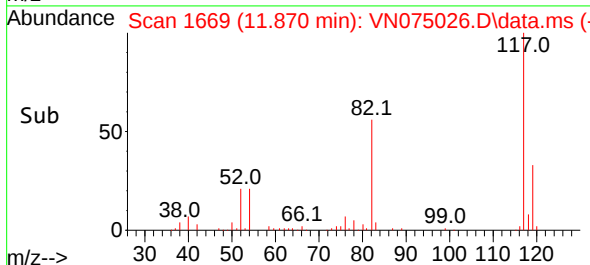
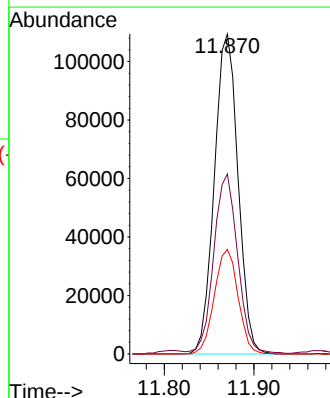
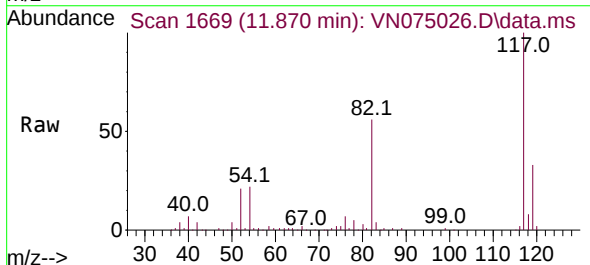
Instrument :
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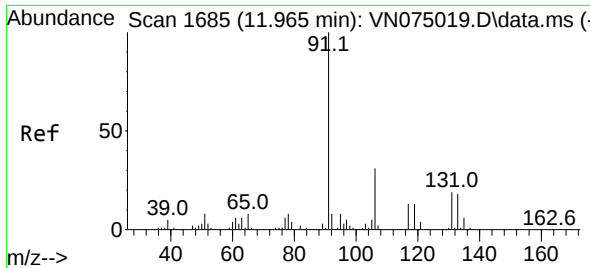
Tgt Ion: 95 Resp: 115826
Ion Ratio Lower Upper
95 100
174 68.9 0.0 147.4
176 67.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

Tgt Ion: 117 Resp: 200528
Ion Ratio Lower Upper
117 100
82 55.8 43.1 64.7
119 32.7 25.5 38.3

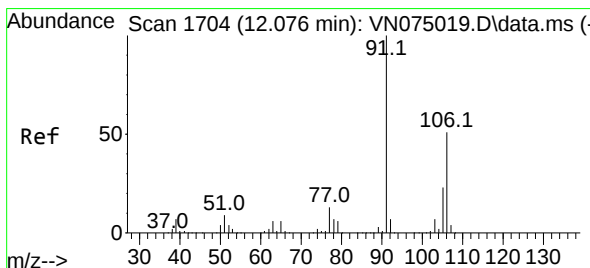
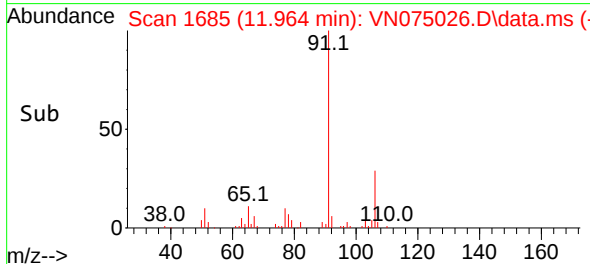
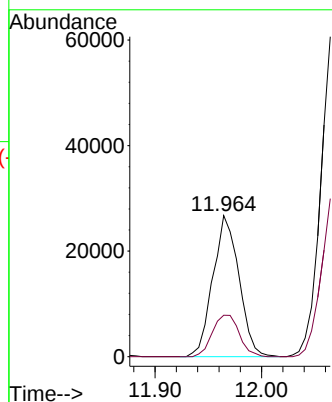
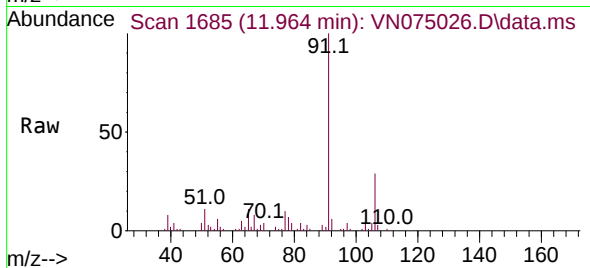




#67
Ethyl Benzene
Concen: 5.912 ug/l
RT: 11.964 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

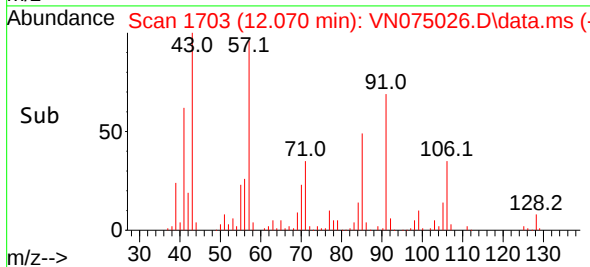
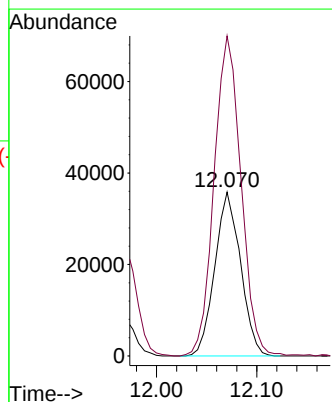
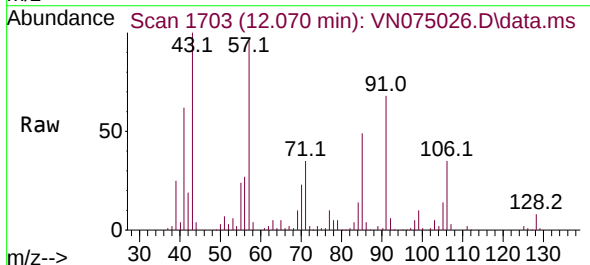
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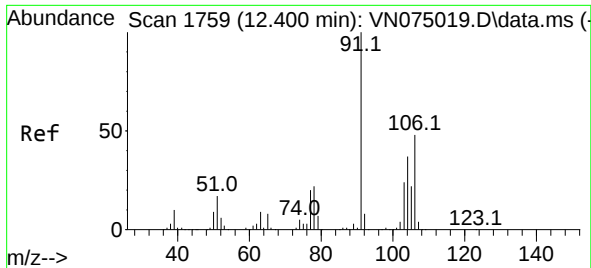
Tgt Ion: 91 Resp: 45529
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3



#68
m/p-Xylenes
Concen: 20.654 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

Tgt Ion: 106 Resp: 63820
Ion Ratio Lower Upper
106 100
91 204.3 156.0 234.0

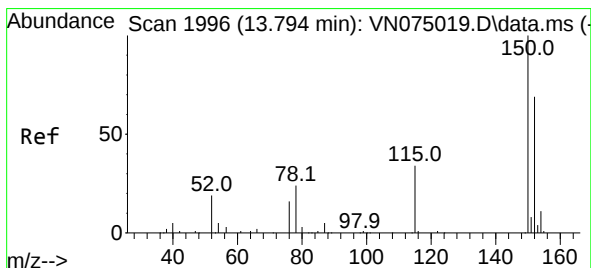
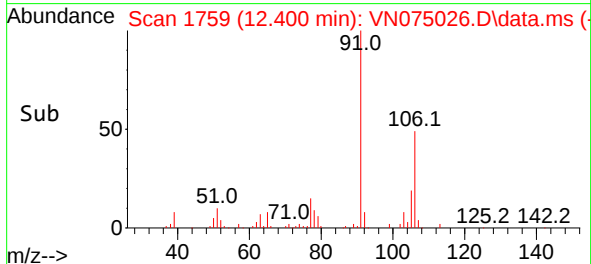
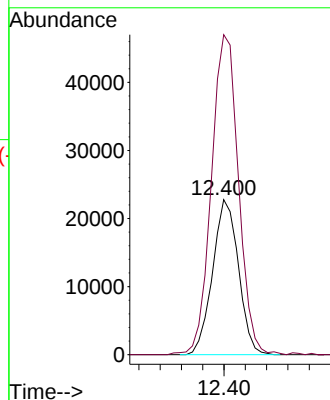
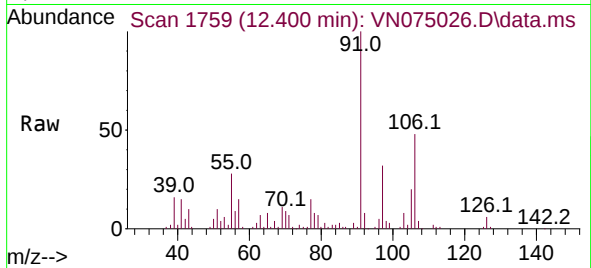




#69
o-Xylene
Concen: 12.548 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

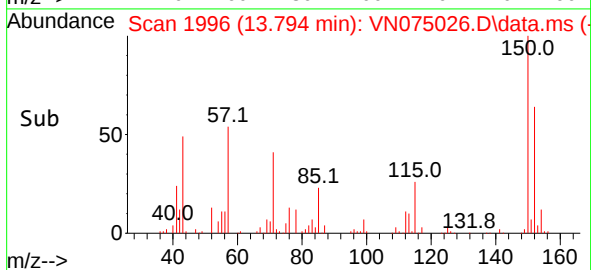
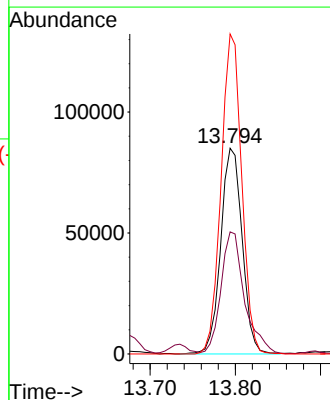
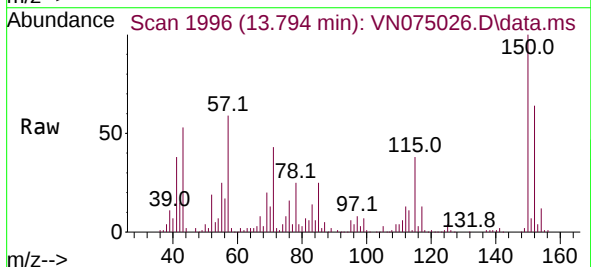
Instrument :
MSVOA_N
ClientSampleId :
BUR-1202

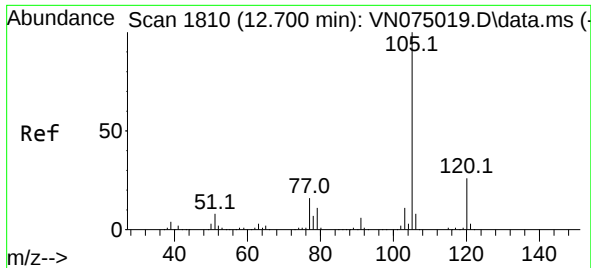
Tgt Ion:106 Resp: 38344
Ion Ratio Lower Upper
106 100
91 216.1 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

Tgt Ion:152 Resp: 149111
Ion Ratio Lower Upper
152 100
115 64.6 30.2 90.6
150 149.4 0.0 348.4

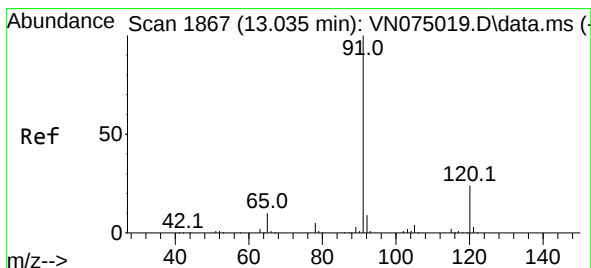
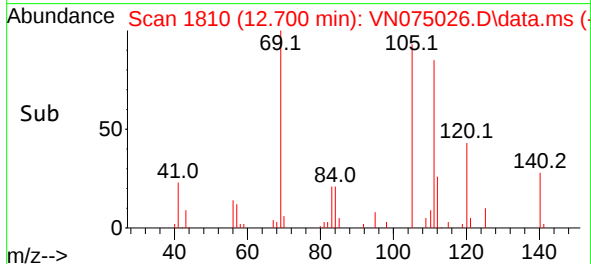
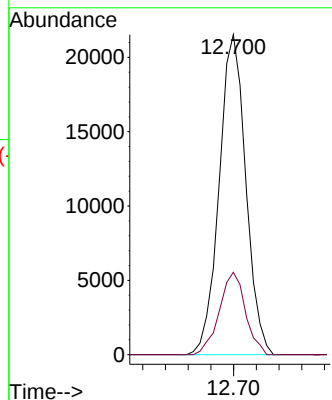
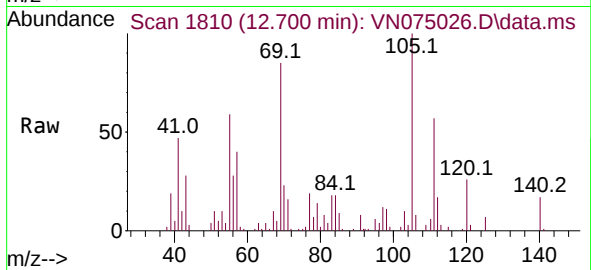




#73
Isopropylbenzene
Concen: 2.927 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

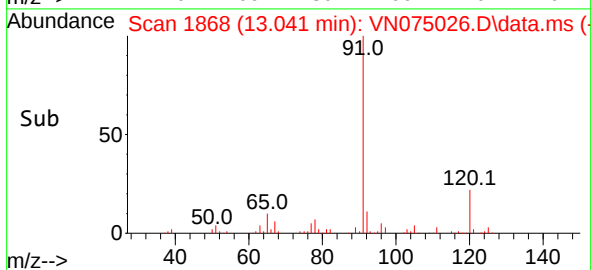
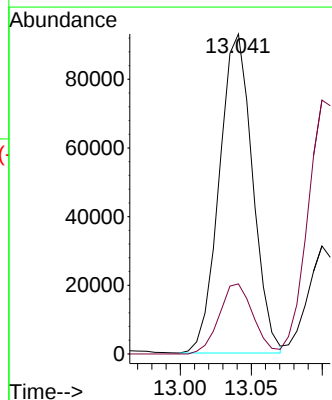
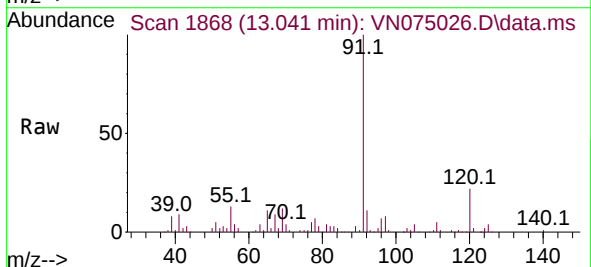
Instrument :
MSVOA_N
ClientSampleId :
BUR-1202

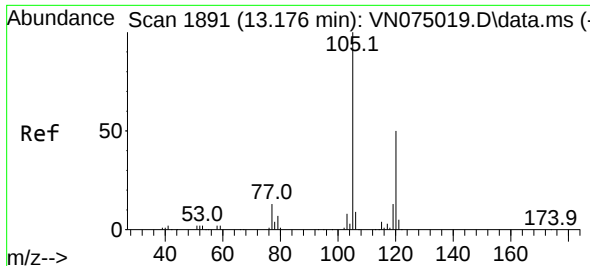
Tgt Ion:105 Resp: 35039
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1



#78
n-propylbenzene
Concen: 11.276 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075026.D
Acq: 26 Oct 2022 17:17

Tgt Ion: 91 Resp: 151548
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5

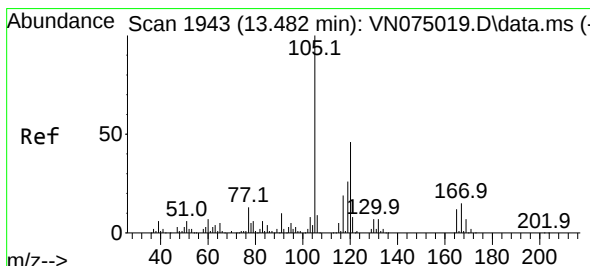
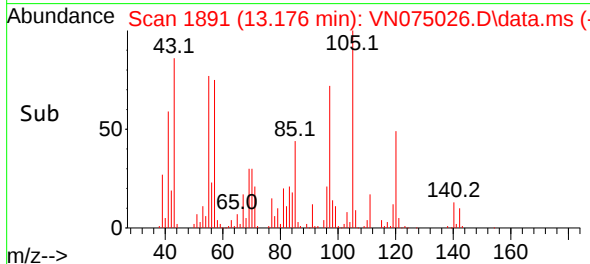
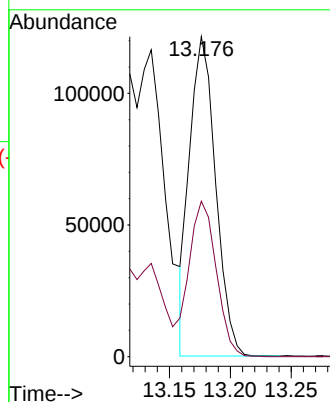
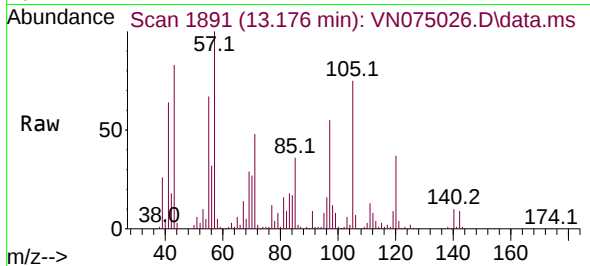




#80
 1,3,5-Trimethylbenzene
 Concen: 17.882 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VN075026.D
 Acq: 26 Oct 2022 17:17

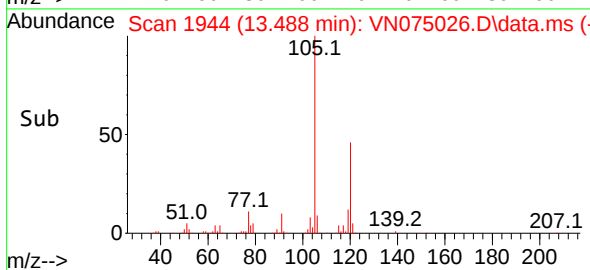
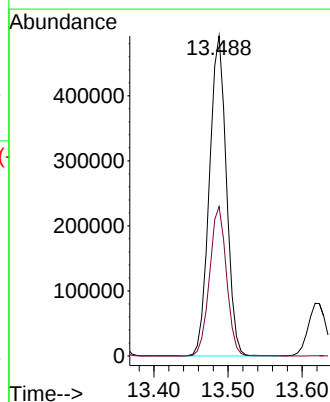
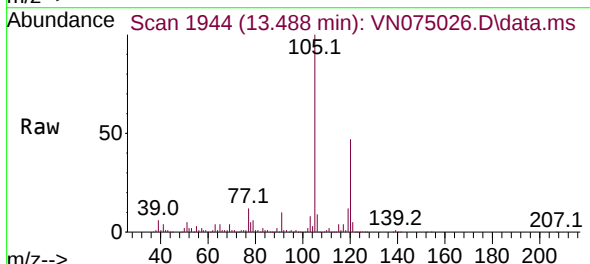
Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1202

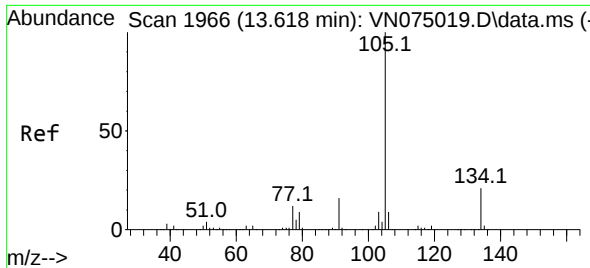
Tgt Ion:105 Resp: 179796
 Ion Ratio Lower Upper
 105 100
 120 52.2 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 77.000 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075026.D
 Acq: 26 Oct 2022 17:17

Tgt Ion:105 Resp: 783322
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.7 68.1

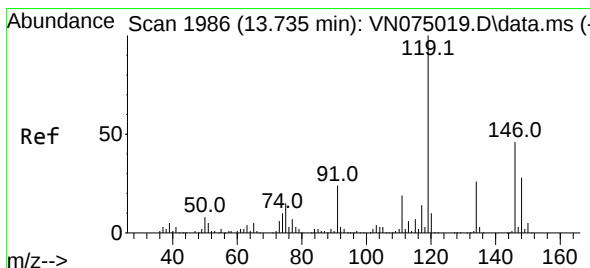
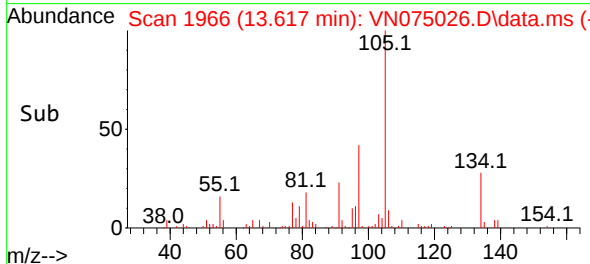
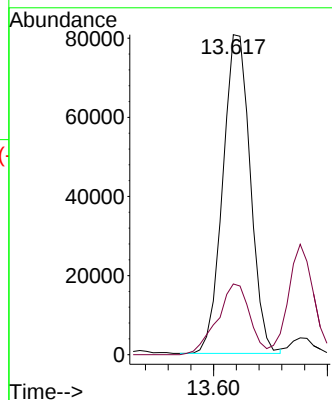
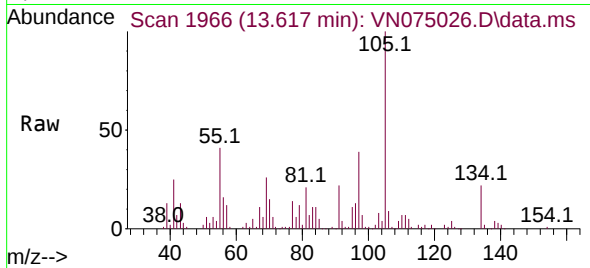




#85
 sec-Butylbenzene
 Concen: 10.839 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075026.D
 Acq: 26 Oct 2022 17:17

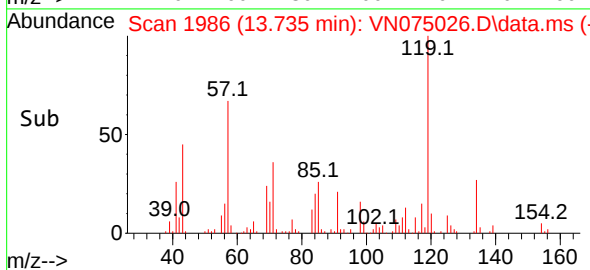
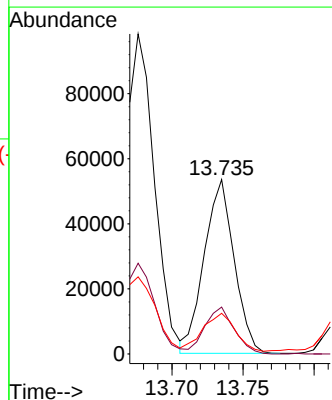
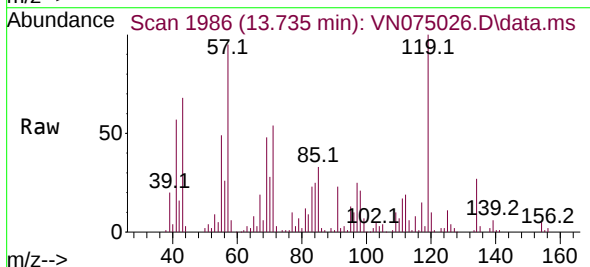
Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1202

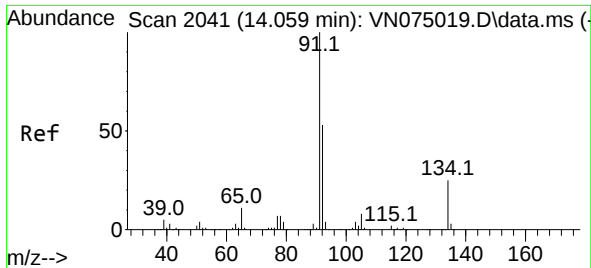
Tgt Ion:105 Resp: 135466
 Ion Ratio Lower Upper
 105 100
 134 26.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 7.597 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN075026.D
 Acq: 26 Oct 2022 17:17

Tgt Ion:119 Resp: 78411
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.4 11.9 35.5





#89
 n-Butylbenzene
 Concen: 25.259 ug/l
 RT: 14.058 min Scan# 2041
 Delta R.T. -0.000 min
 Lab File: VN075026.D
 Acq: 26 Oct 2022 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1202

Tgt Ion: 91 Resp: 209954

Ion	Ratio	Lower	Upper
91	100		
92	55.8	26.5	79.4
134	0.0	13.0	39.0#

