

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075802.D
 Acq On : 15 Dec 2022 06:03
 Operator : JC\MD
 Sample : N5990-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP120722-2

Quant Time: Dec 15 07:45:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

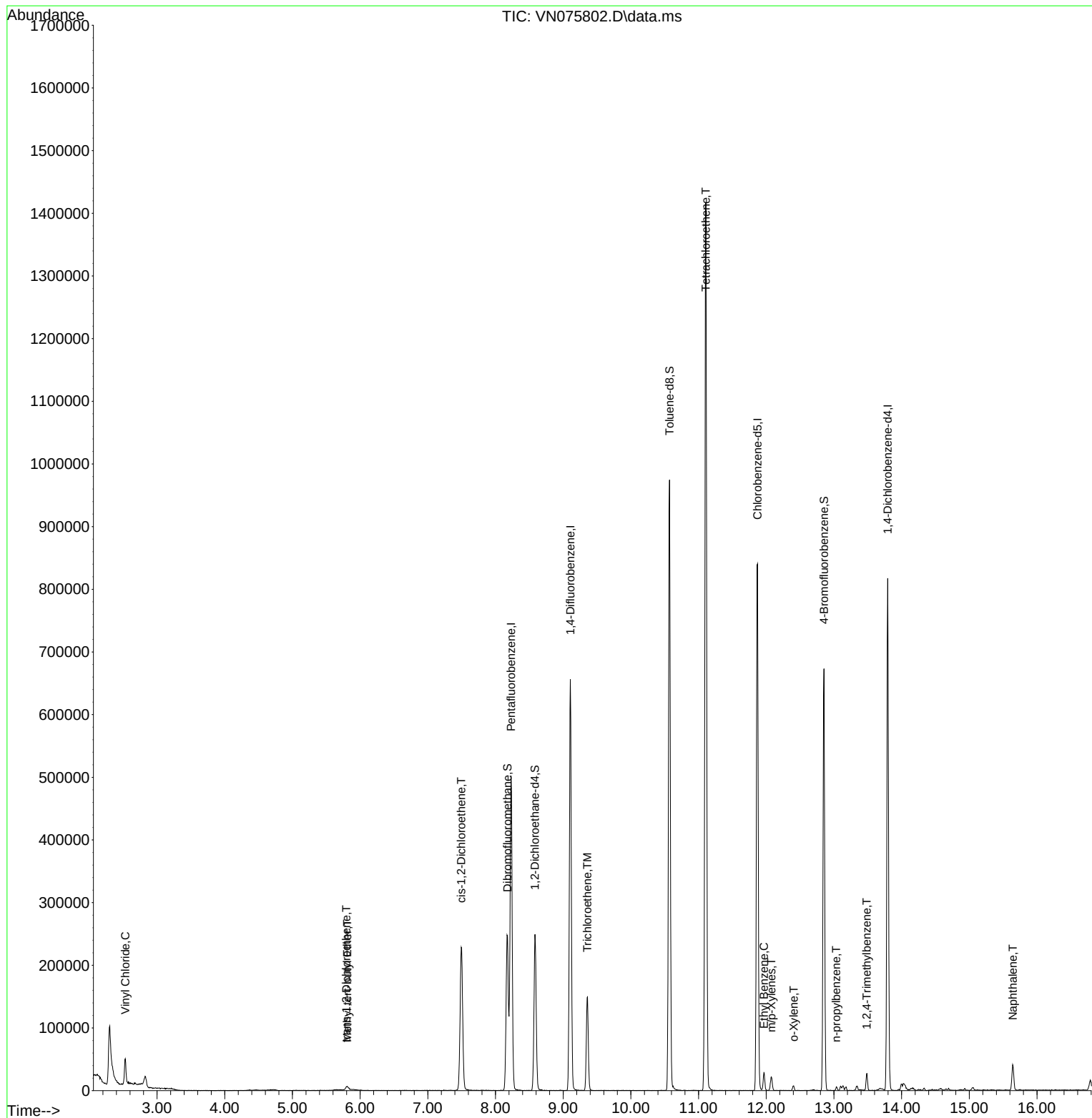
Internal Standards						
1) Pentafluorobenzene	8.230	168	391710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	608206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	533572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	198762	46.642	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.280%		
35) Dibromofluoromethane	8.177	113	180448	47.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.820%		
50) Toluene-d8	10.571	98	703428	49.950	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.900%		
62) 4-Bromofluorobenzene	12.853	95	221976	47.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.180%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.530	62	37895	9.186	ug/l	93
19) Methyl tert-butyl Ether	5.812	73	5612	0.491	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	2176	0.572	ug/l #	90
27) cis-1,2-Dichloroethene	7.494	96	152513	33.540	ug/l	92
44) Trichloroethene	9.359	130	57130	13.136	ug/l	94
64) Tetrachloroethene	11.106	164	338439	90.139	ug/l	99
67) Ethyl Benzene	11.965	91	22157	1.199	ug/l	97
68) m/p-Xylenes	12.077	106	7841	1.072	ug/l	91
69) o-Xylene	12.406	106	2818	0.389	ug/l	83
78) n-propylbenzene	13.035	91	5210	0.286	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	16795	1.225	ug/l	98
95) Naphthalene	15.641	128	40250	5.273	ug/l	98

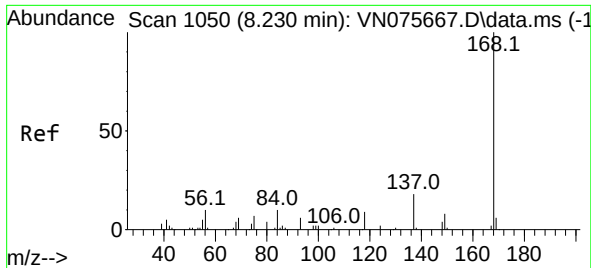
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
Data File : VN075802.D
Acq On : 15 Dec 2022 06:03
Operator : JC\MD
Sample : N5990-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2

Quant Time: Dec 15 07:45:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

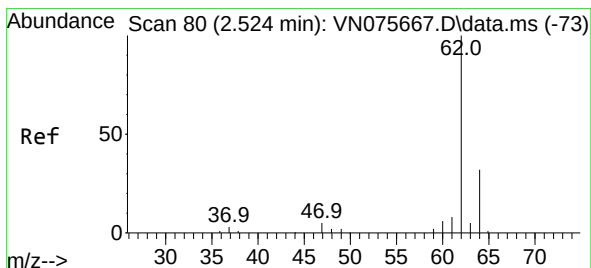
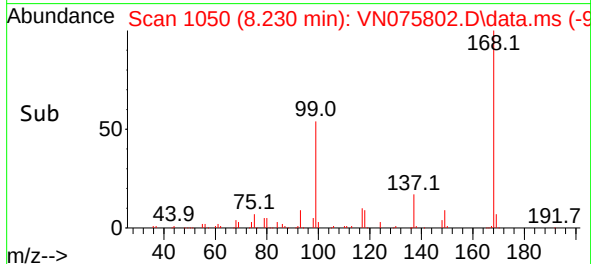
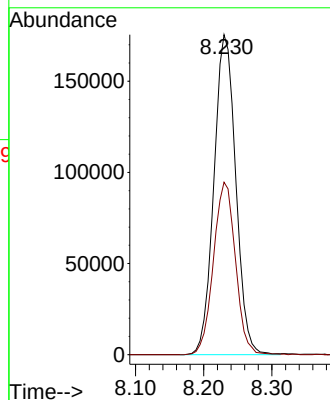
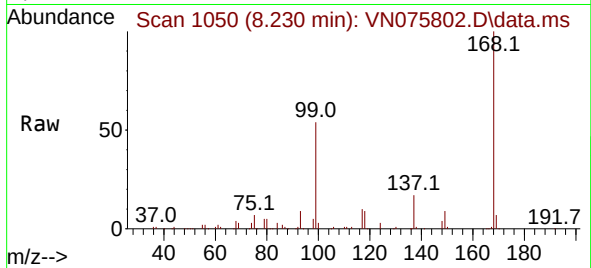




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

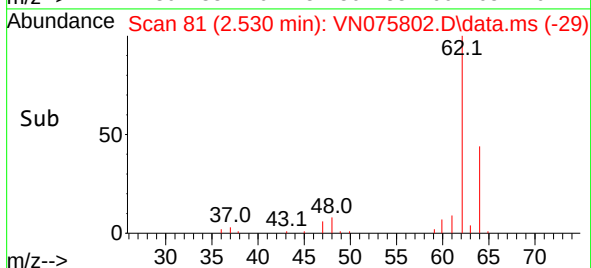
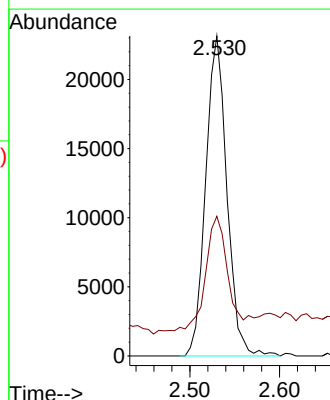
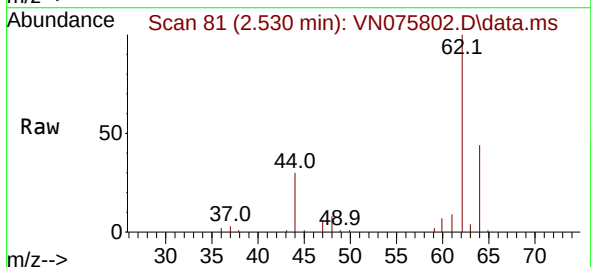
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2

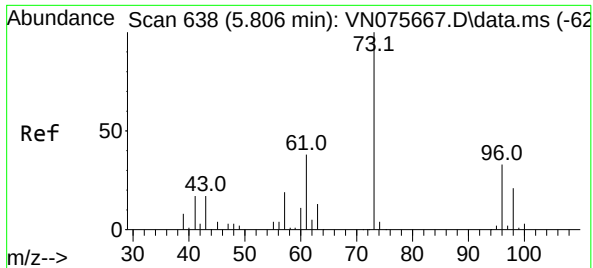
Tgt Ion:168 Resp: 391710
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#4
Vinyl Chloride
Concen: 9.186 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

Tgt Ion: 62 Resp: 37895
Ion Ratio Lower Upper
62 100
64 34.7 24.9 37.3

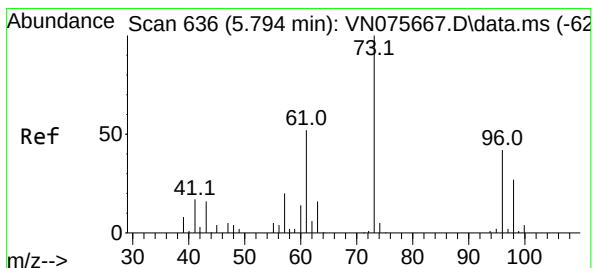
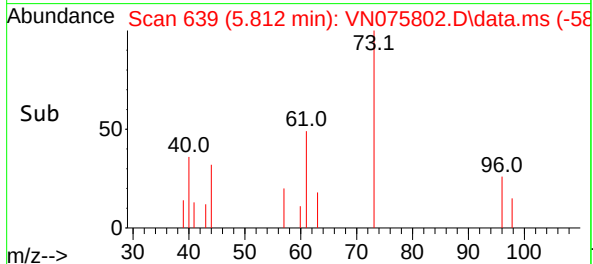
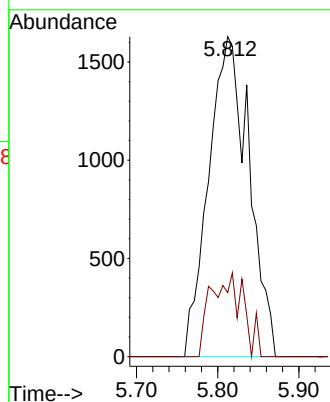
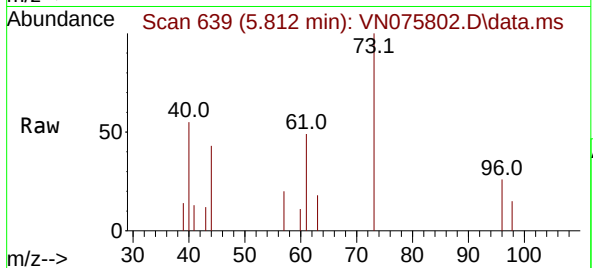




#19
Methyl tert-butyl Ether
Concen: 0.491 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

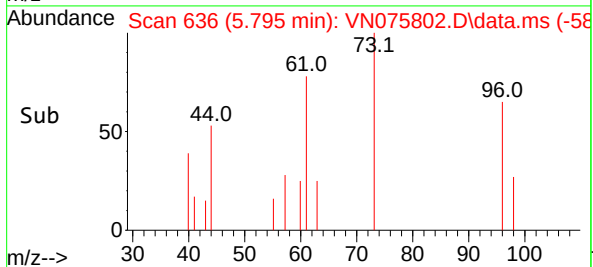
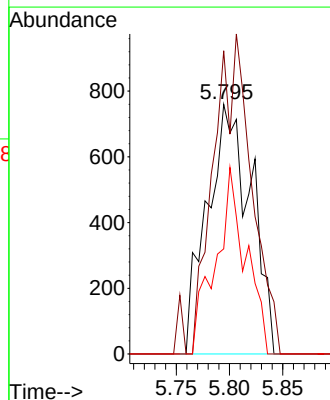
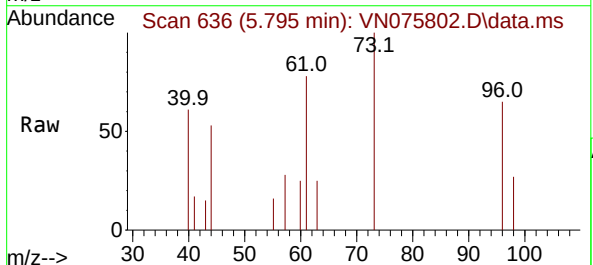
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2

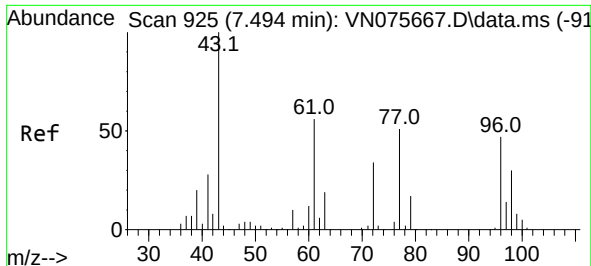
Tgt Ion: 73 Resp: 5612
Ion Ratio Lower Upper
73 100
57 20.0 17.1 25.7



#21
trans-1,2-Dichloroethene
Concen: 0.572 ug/l
RT: 5.795 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

Tgt Ion: 96 Resp: 2176
Ion Ratio Lower Upper
96 100
61 121.4 98.1 147.1
98 42.1 51.4 77.2#

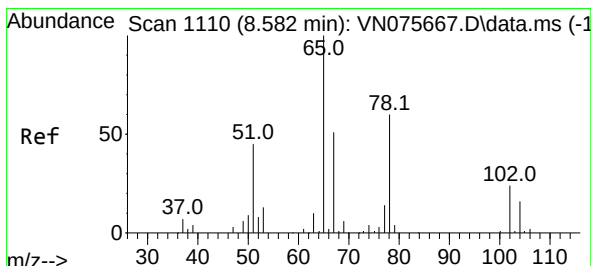
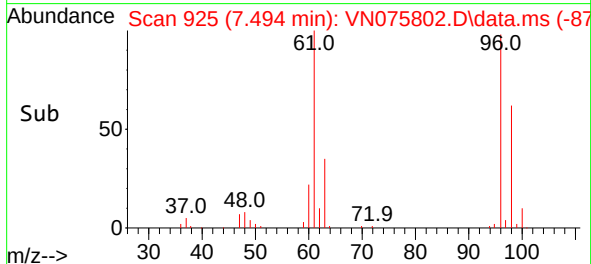
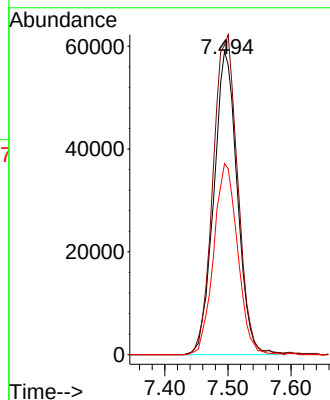
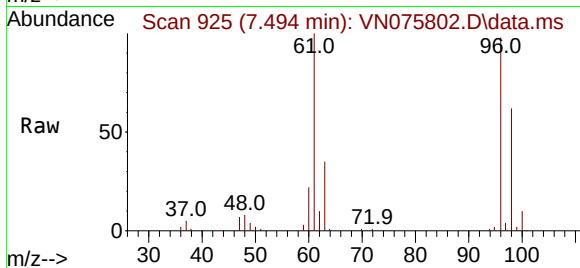




#27
 cis-1,2-Dichloroethene
 Concen: 33.540 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075802.D
 Acq: 15 Dec 2022 06:03

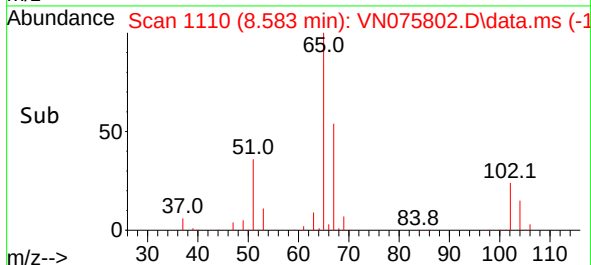
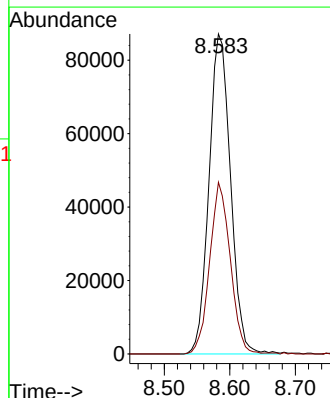
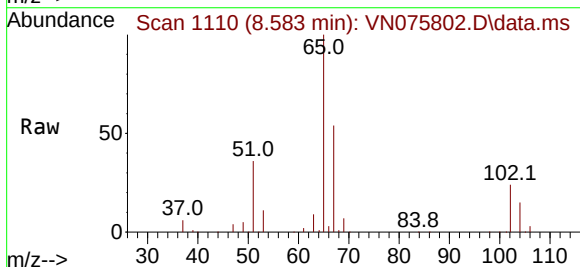
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP120722-2

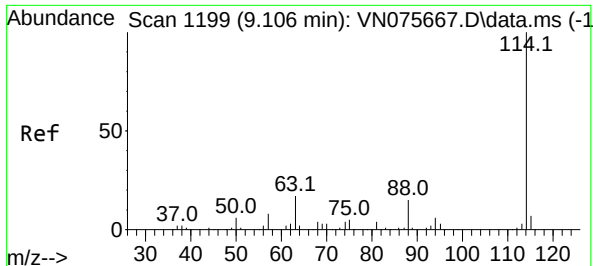
Tgt Ion: 96 Resp: 152513
 Ion Ratio Lower Upper
 96 100
 61 110.6 0.0 247.8
 98 64.1 0.0 128.4



#33
 1,2-Dichloroethane-d4
 Concen: 46.642 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN075802.D
 Acq: 15 Dec 2022 06:03

Tgt Ion: 65 Resp: 198762
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075802.D

Acq: 15 Dec 2022 06:03

Instrument :

MSVOA_N

ClientSampleId :

DUP120722-2

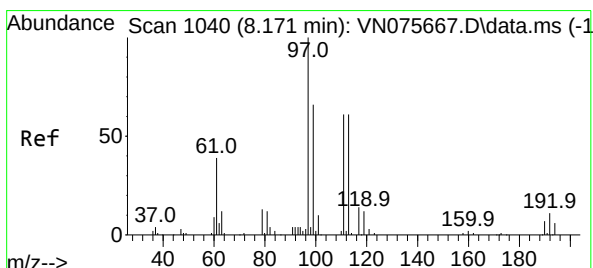
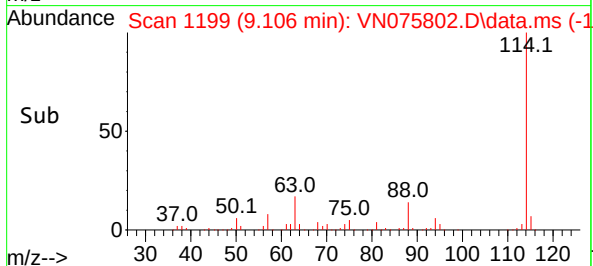
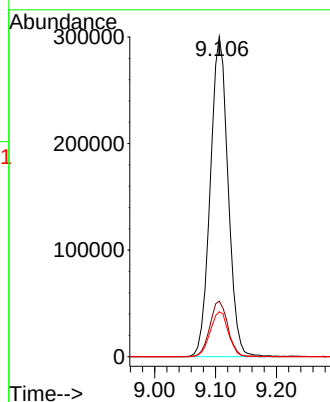
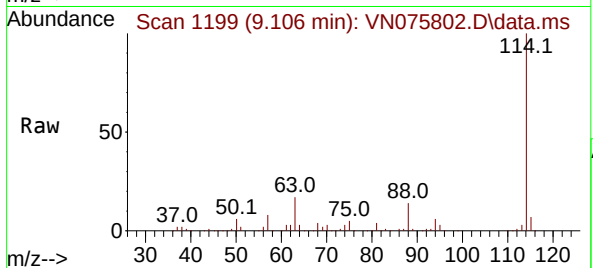
Tgt Ion:114 Resp: 608206

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.908 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075802.D

Acq: 15 Dec 2022 06:03

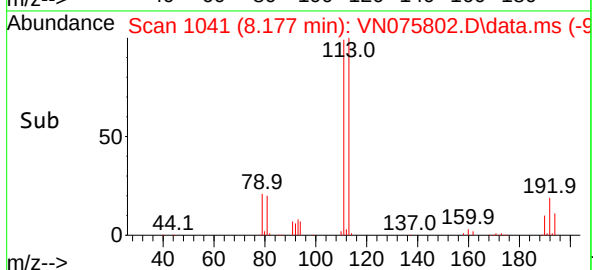
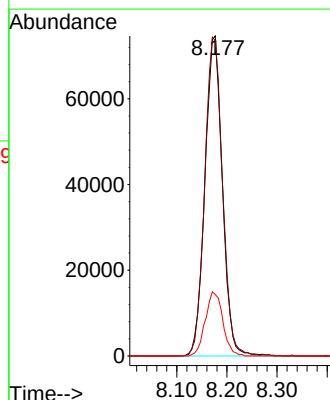
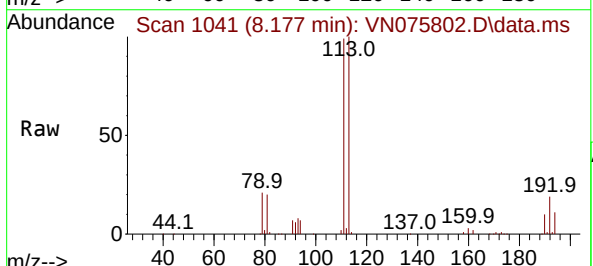
Tgt Ion:113 Resp: 180448

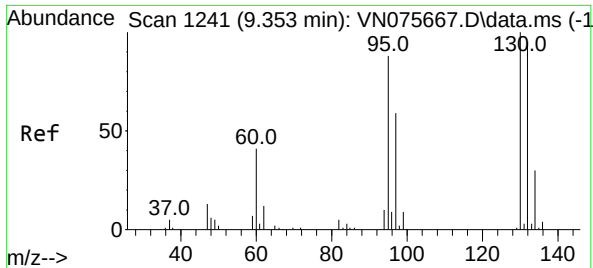
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 20.2 16.1 24.1

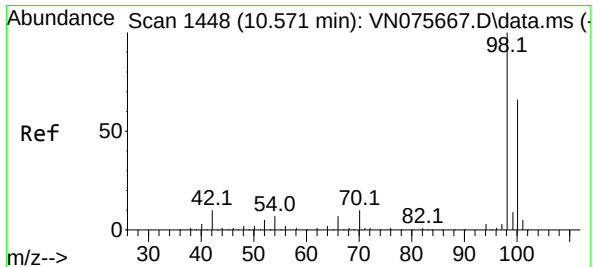
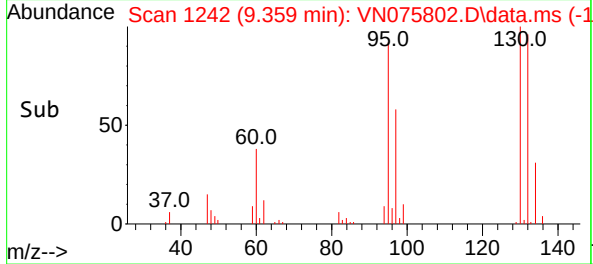
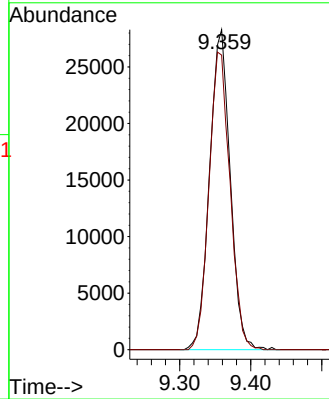
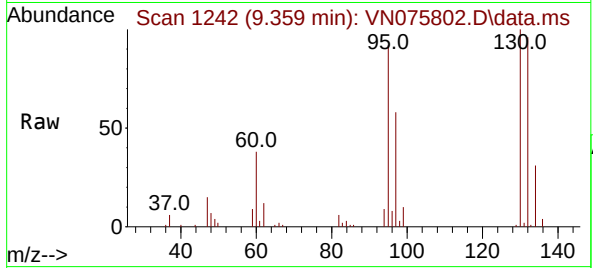




#44
Trichloroethene
Concen: 13.136 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

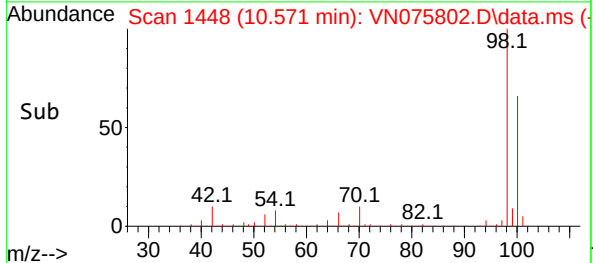
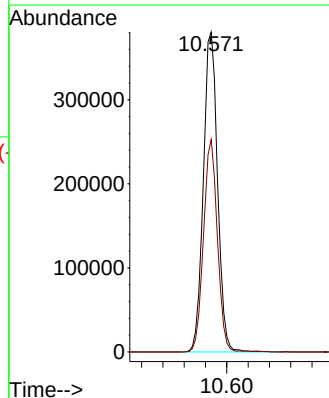
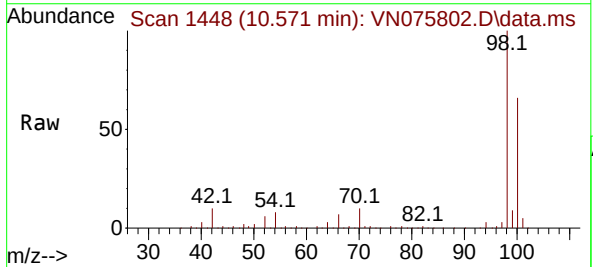
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2

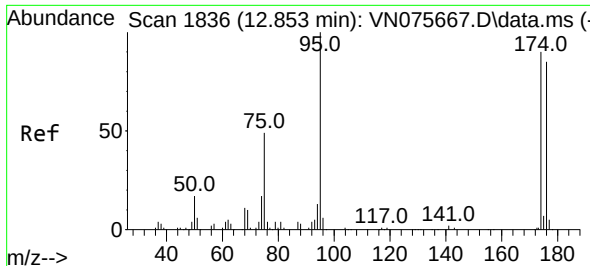
Tgt Ion:130 Resp: 57130
Ion Ratio Lower Upper
130 100
95 92.0 0.0 195.4



#50
Toluene-d8
Concen: 49.950 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

Tgt Ion: 98 Resp: 703428
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

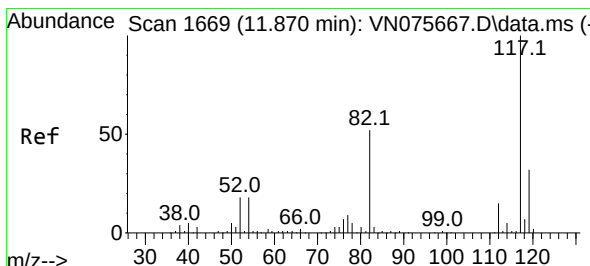
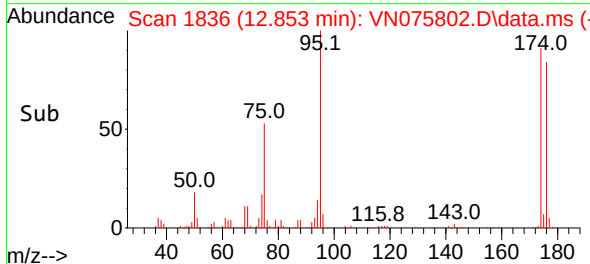
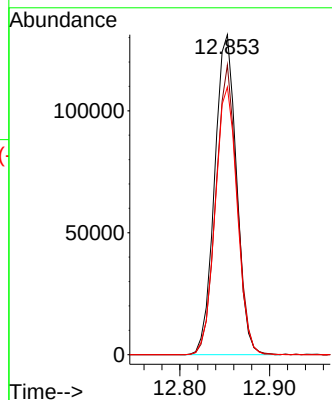
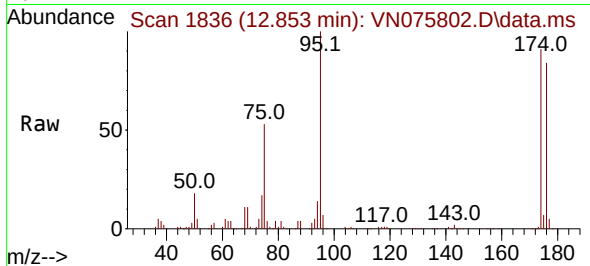




#62
4-Bromofluorobenzene
Concen: 47.590 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

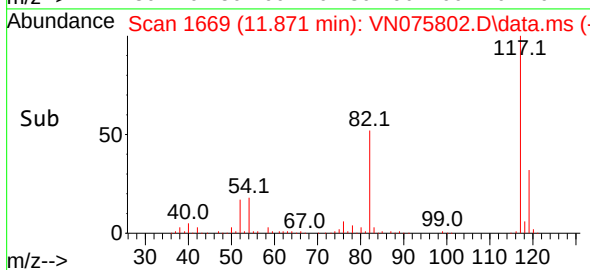
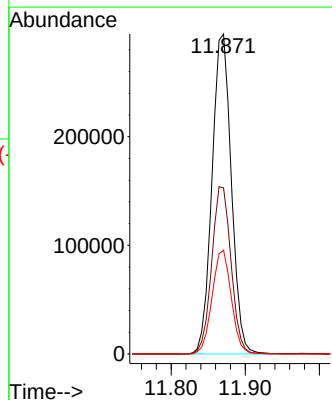
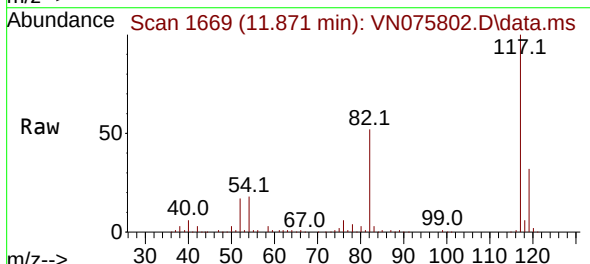
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2

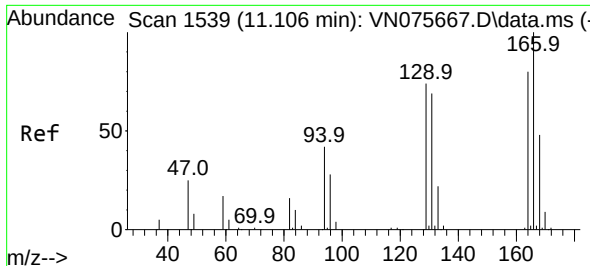
Tgt Ion: 95 Resp: 221976
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

Tgt Ion: 117 Resp: 533572
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.5 24.6 37.0

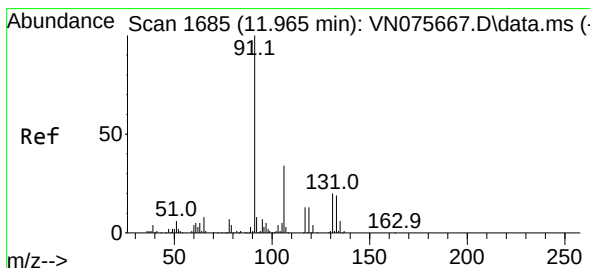
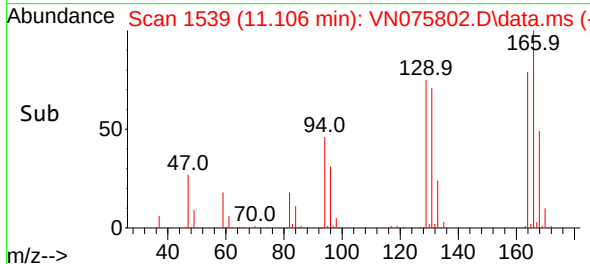
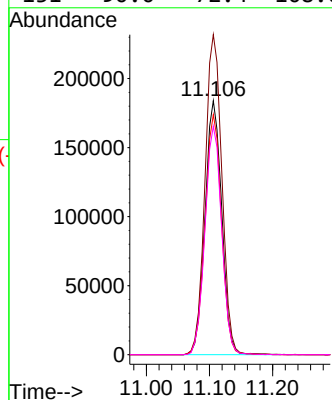
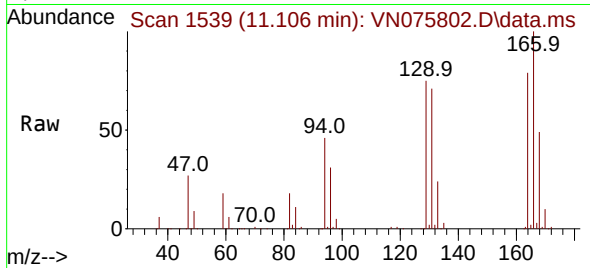




#64
Tetrachloroethene
Concen: 90.139 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

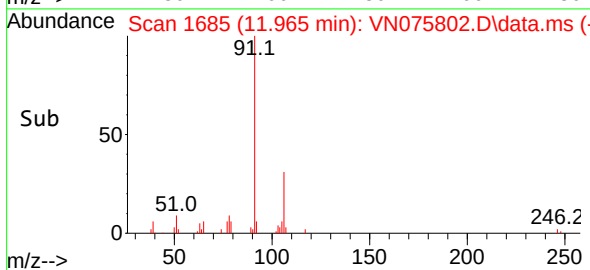
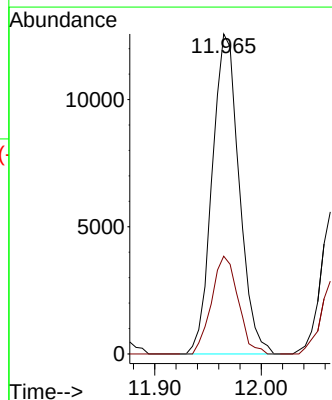
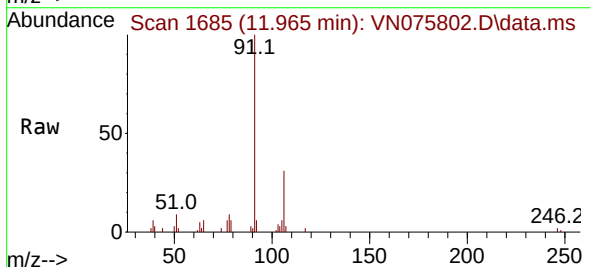
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2

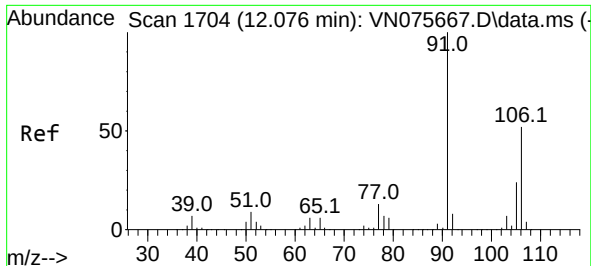
Tgt Ion:164 Resp: 338439
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 94.5 74.2 111.2
131 90.0 72.4 108.6



#67
Ethyl Benzene
Concen: 1.199 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

Tgt Ion: 91 Resp: 22157
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

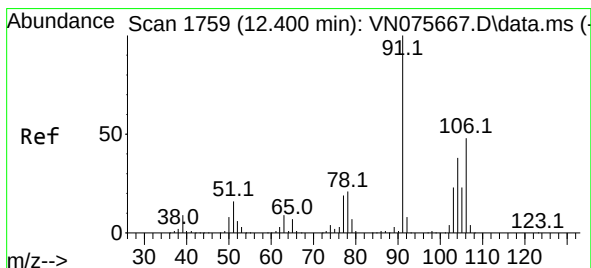
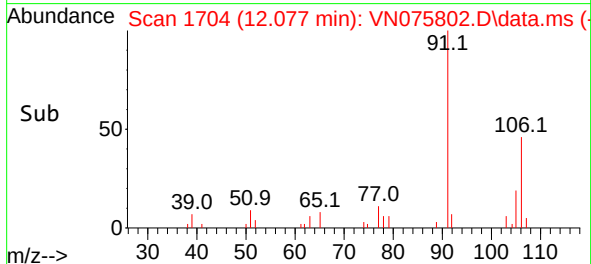
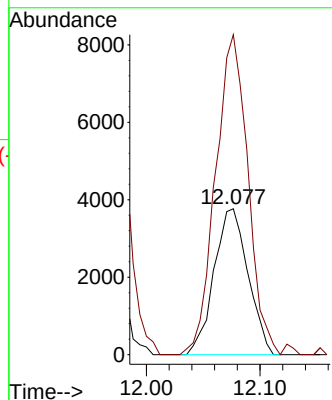
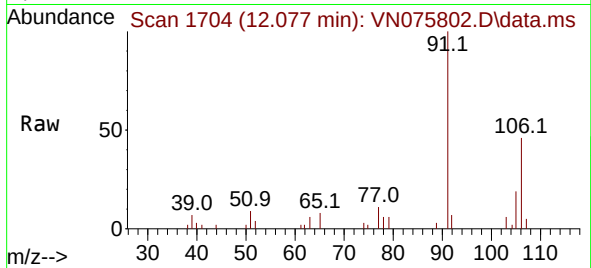




#68
m/p-Xylenes
Concen: 1.072 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

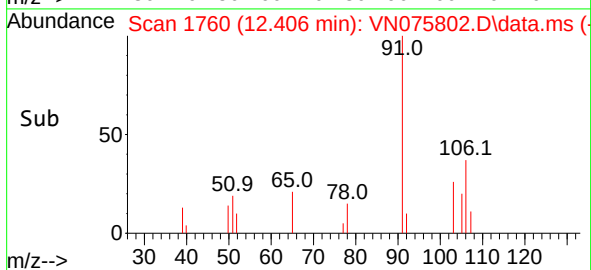
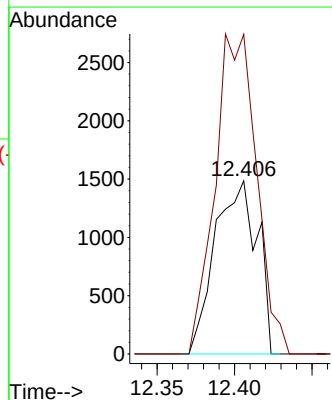
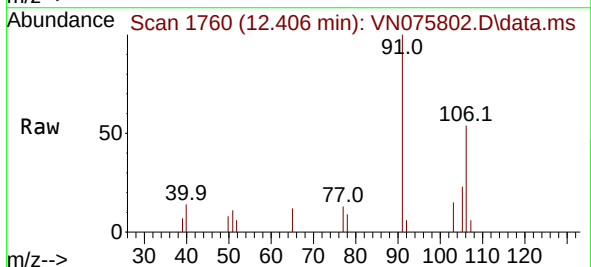
Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2

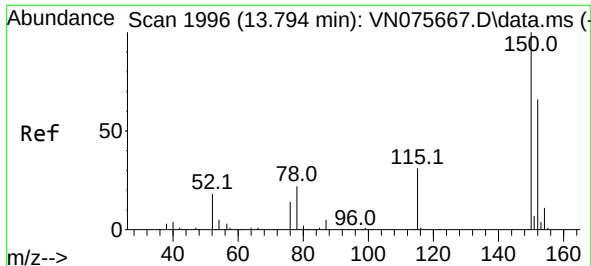
Tgt Ion:106 Resp: 7841
Ion Ratio Lower Upper
106 100
91 209.0 156.6 235.0



#69
o-Xylene
Concen: 0.389 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

Tgt Ion:106 Resp: 2818
Ion Ratio Lower Upper
106 100
91 181.9 103.8 311.6

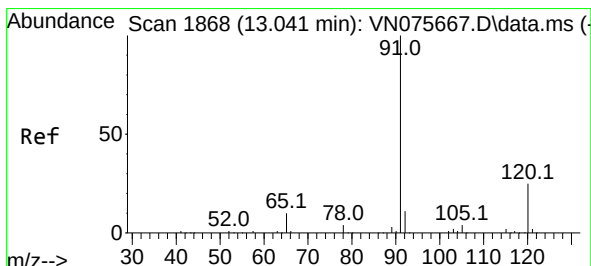
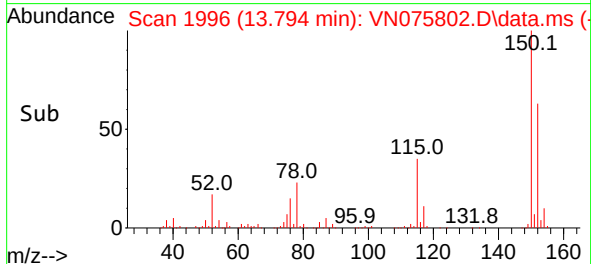
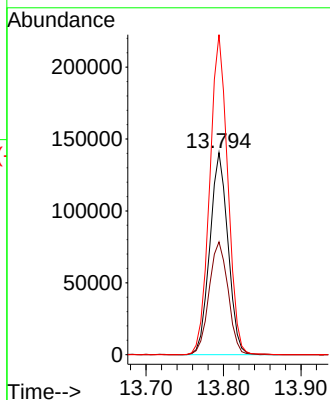
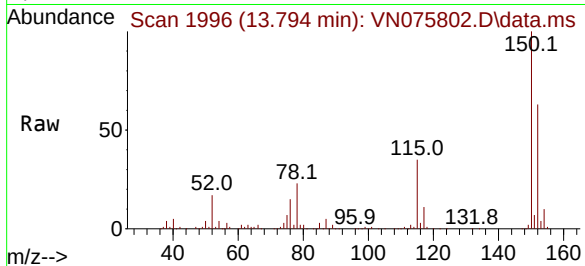




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075802.D
 Acq: 15 Dec 2022 06:03

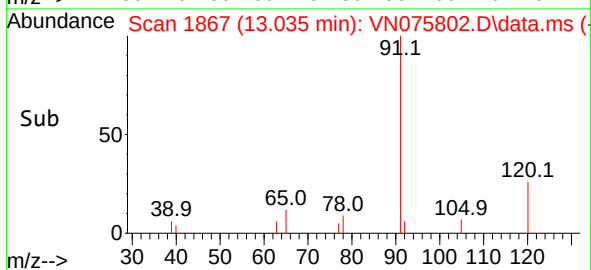
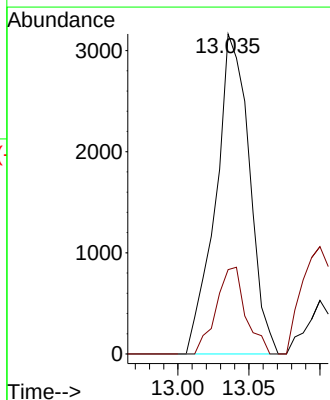
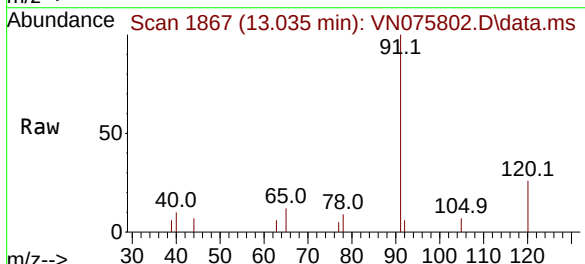
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP120722-2

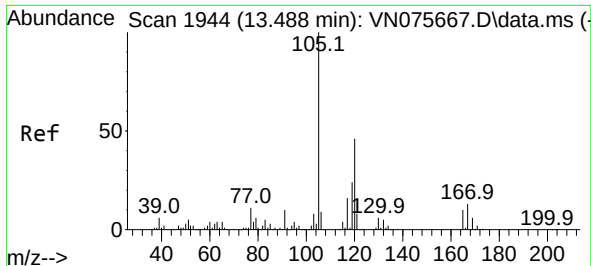
Tgt Ion:152 Resp: 228547
 Ion Ratio Lower Upper
 152 100
 115 58.4 29.1 87.4
 150 157.4 0.0 347.0



#78
 n-propylbenzene
 Concen: 0.286 ug/l
 RT: 13.035 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN075802.D
 Acq: 15 Dec 2022 06:03

Tgt Ion: 91 Resp: 5210
 Ion Ratio Lower Upper
 91 100
 120 23.7 12.0 36.1

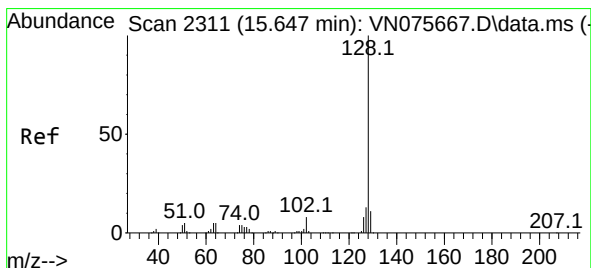
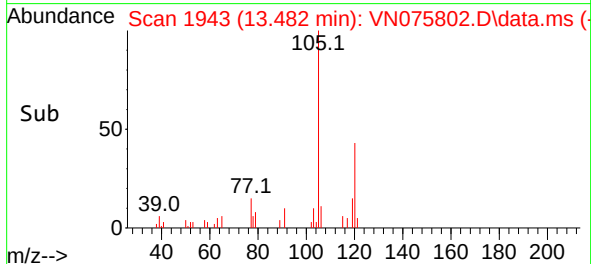
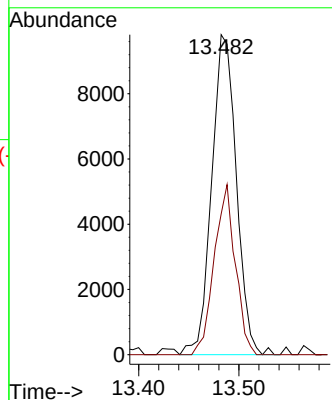
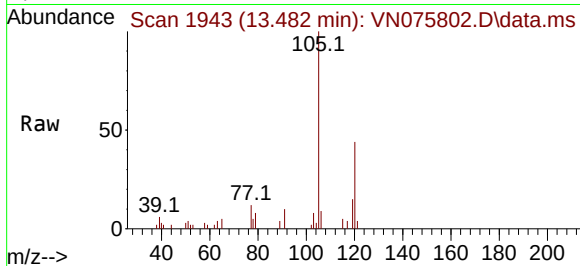




#84
1,2,4-Trimethylbenzene
Concen: 1.225 ug/l
RT: 13.482 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

Instrument :
MSVOA_N
ClientSampleId :
DUP120722-2

Tgt Ion:105 Resp: 16795
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8



#95
Naphthalene
Concen: 5.273 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075802.D
Acq: 15 Dec 2022 06:03

Tgt Ion:128 Resp: 40250
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 12.0 8.7 13.1

