

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075549.D
 Acq On : 02 Dec 2022 22:04
 Operator : JC\MD
 Sample : N5865-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01

Quant Time: Dec 03 00:40:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

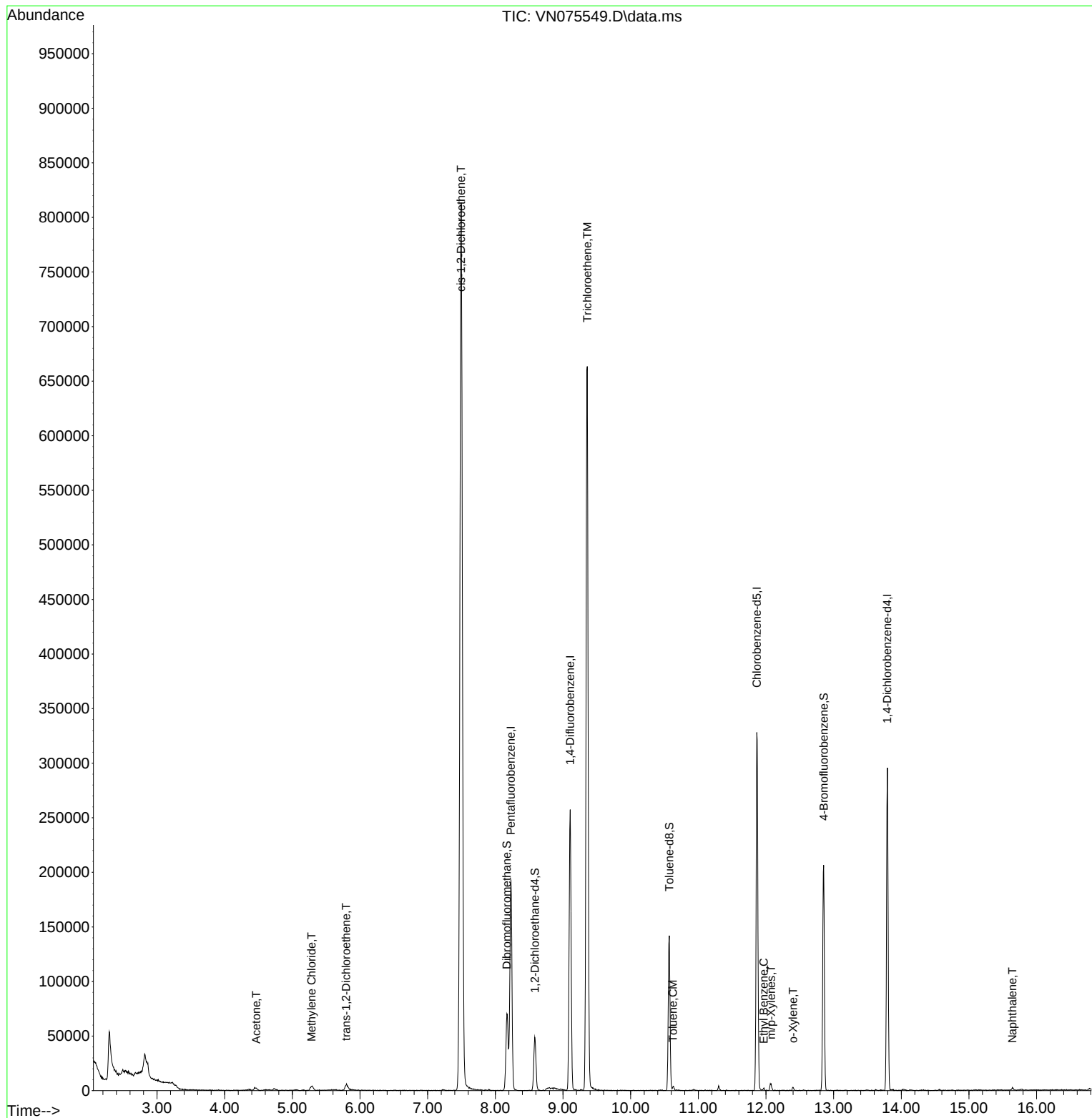
Internal Standards						
1) Pentafluorobenzene	8.230	168	152577	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	241952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	39325	48.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.040%
35) Dibromofluoromethane	8.171	113	50146	52.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.520%
50) Toluene-d8	10.571	98	101200	47.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.853	95	69661	44.087	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.180%
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	5471	7.162	ug/l	# 79
20) Methylene Chloride	5.283	84	3689	1.131	ug/l	# 81
21) trans-1,2-Dichloroethene	5.795	96	3911	2.429	ug/l	# 69
27) cis-1,2-Dichloroethene	7.494	96	528634	290.331	ug/l	83
44) Trichloroethene	9.359	130	259447	149.411	ug/l	90
52) Toluene	10.624	92	2080	0.509	ug/l	99
67) Ethyl Benzene	11.965	91	2008	0.272	ug/l	98
68) m/p-Xylenes	12.076	106	2933	0.977	ug/l	80
69) o-Xylene	12.400	106	1145	0.384	ug/l	97
95) Naphthalene	15.641	128	2646	0.573	ug/l	# 97

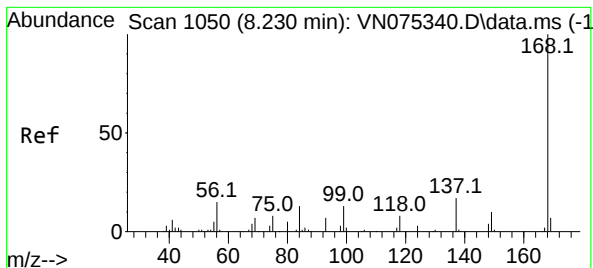
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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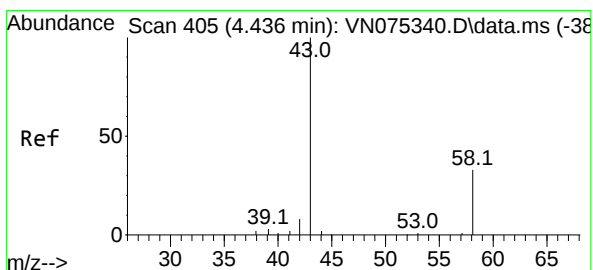
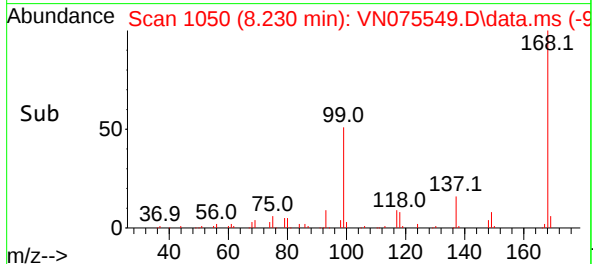
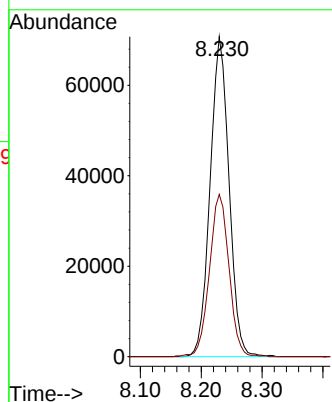
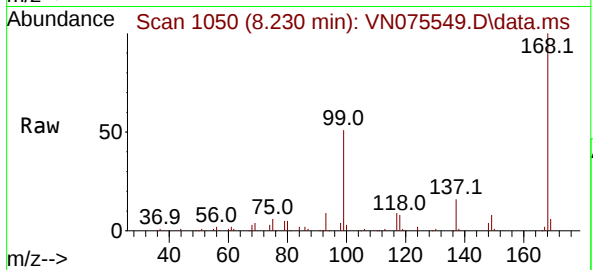




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

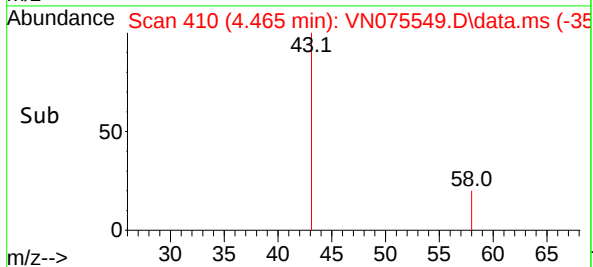
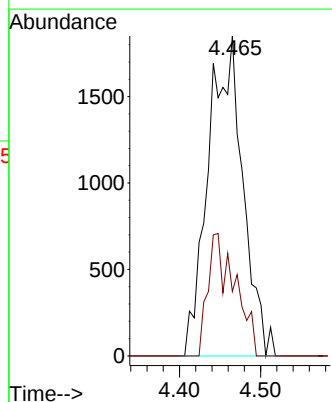
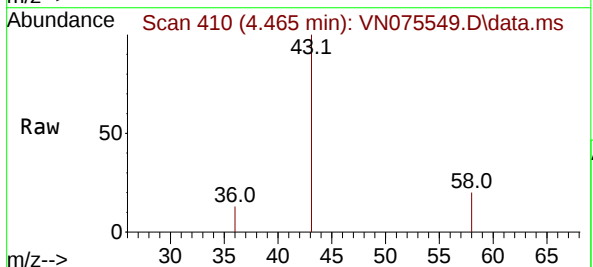
Instrument :
MSVOA_N
ClientSampleId :
EB-01

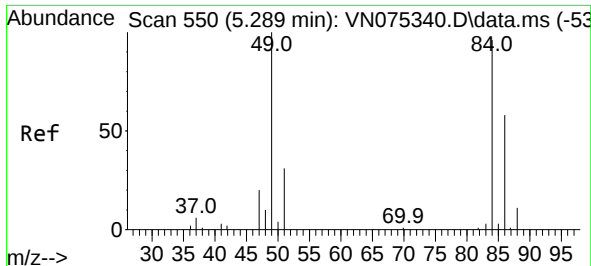
Tgt Ion:168 Resp: 152577
Ion Ratio Lower Upper
168 100
99 50.7 51.6 77.4#



#16
Acetone
Concen: 7.162 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.029 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

Tgt Ion: 43 Resp: 5471
Ion Ratio Lower Upper
43 100
58 20.2 25.5 38.3#

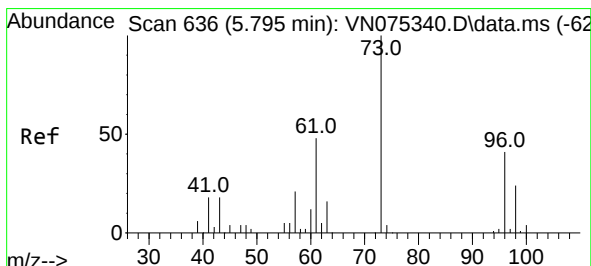
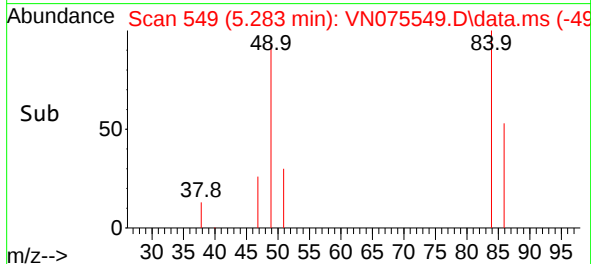
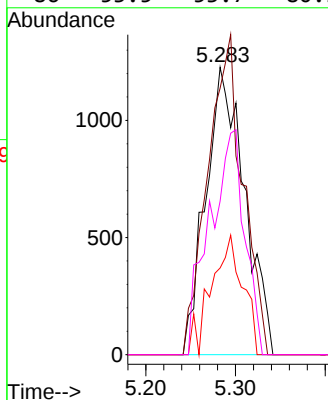
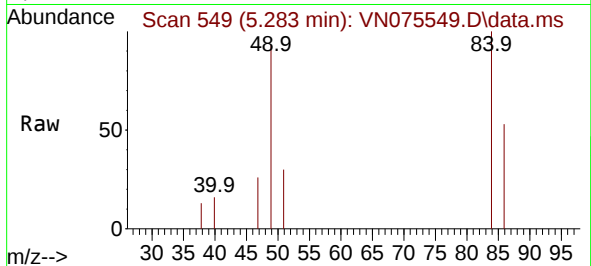




#20
Methylene Chloride
Concen: 1.131 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

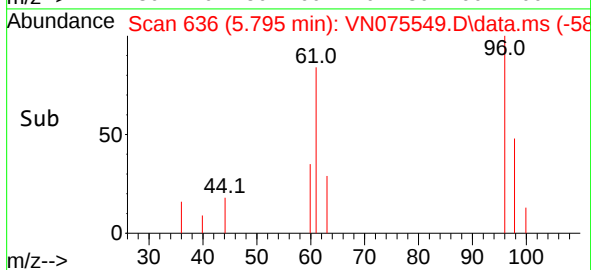
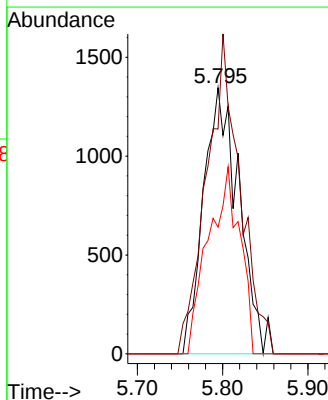
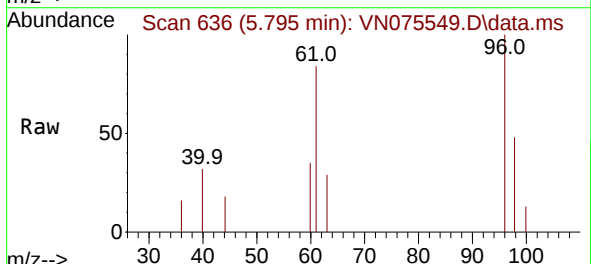
Instrument :
MSVOA_N
ClientSampleId :
EB-01

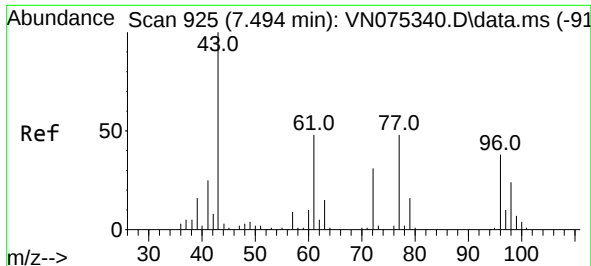
Tgt Ion:	84	Resp:	3689
Ion	Ratio	Lower	Upper
84	100		
49	92.7	94.9	142.3#
51	30.2	26.8	40.2
86	53.5	53.7	80.5#



#21
trans-1,2-Dichloroethene
Concen: 2.429 ug/l
RT: 5.795 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

Tgt Ion:	96	Resp:	3911
Ion	Ratio	Lower	Upper
96	100		
61	84.5	99.9	149.9#
98	47.6	51.5	77.3#



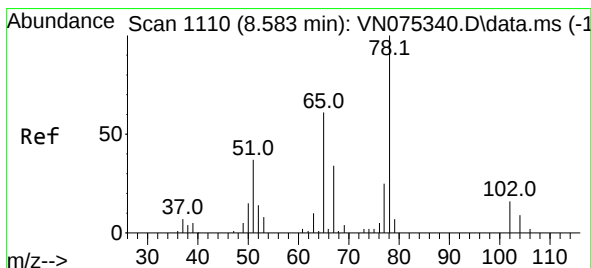
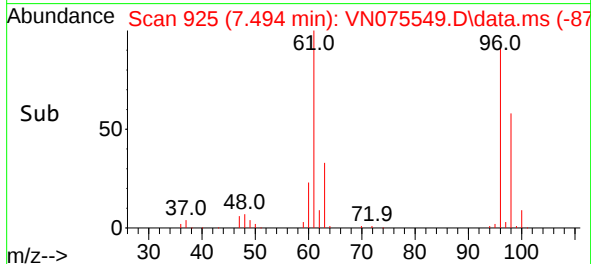
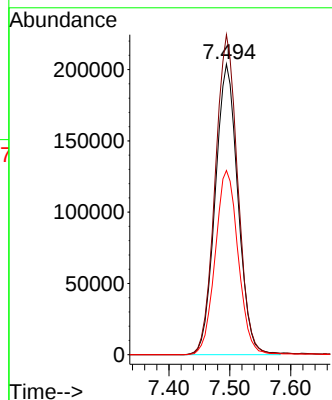
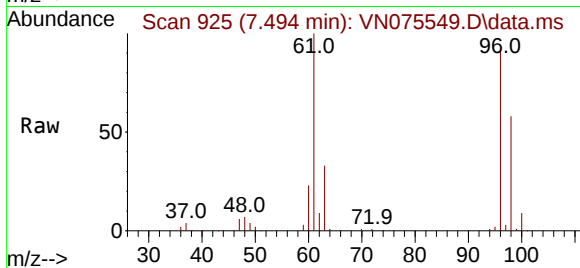


#27
 cis-1,2-Dichloroethene
 Concen: 290.331 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075549.D
 Acq: 02 Dec 2022 22:04

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01

Tgt Ion: 96 Resp: 528634

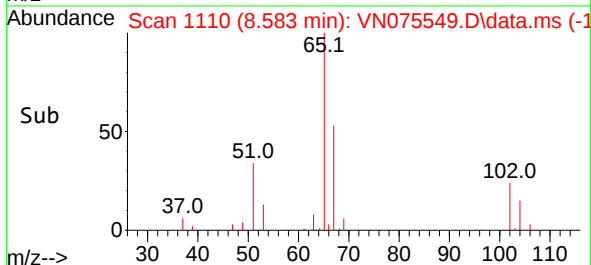
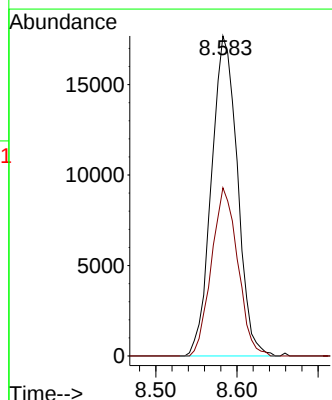
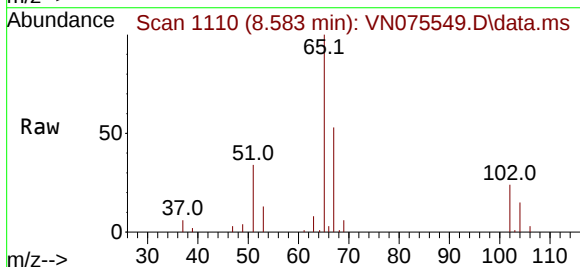
Ion	Ratio	Lower	Upper
96	100		
61	109.4	0.0	278.8
98	64.3	0.0	128.4

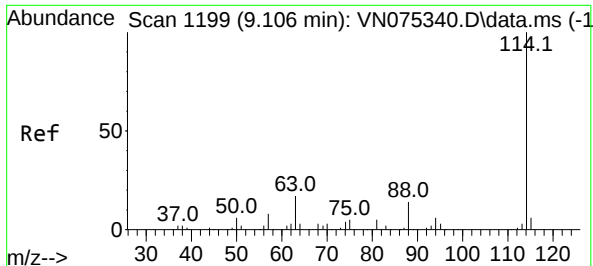


#33
 1,2-Dichloroethane-d4
 Concen: 48.015 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: VN075549.D
 Acq: 02 Dec 2022 22:04

Tgt Ion: 65 Resp: 39325

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075549.D

Acq: 02 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

EB-01

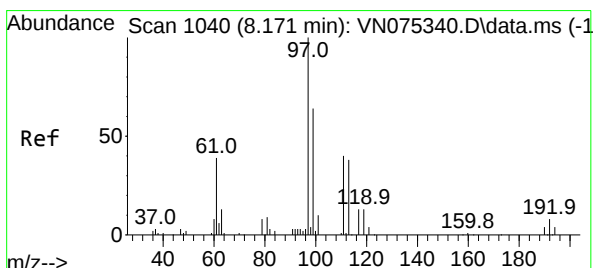
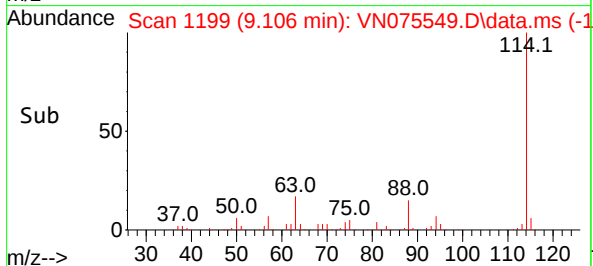
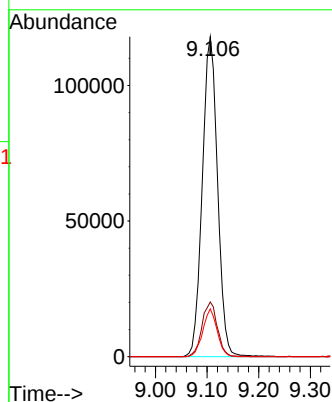
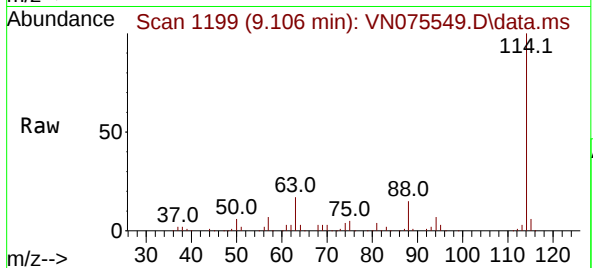
Tgt Ion:114 Resp: 241952

Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.759 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075549.D

Acq: 02 Dec 2022 22:04

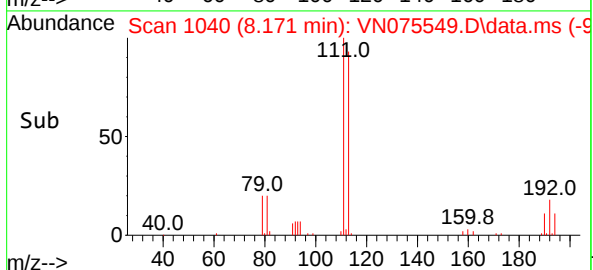
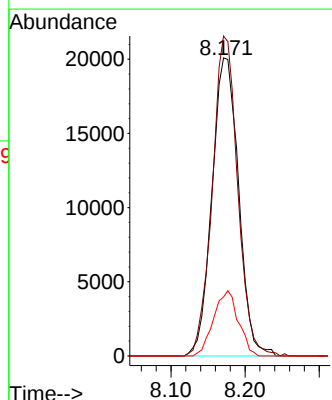
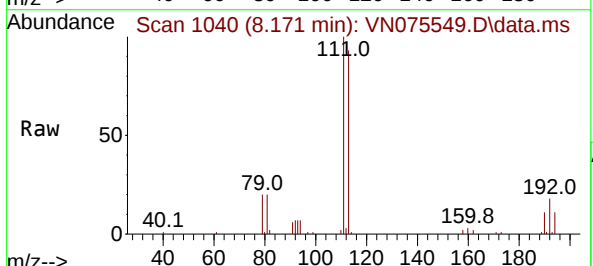
Tgt Ion:113 Resp: 50146

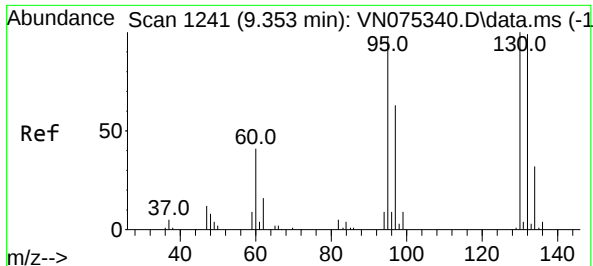
Ion Ratio Lower Upper

113 100

111 102.1 80.5 120.7

192 20.4 13.2 19.8#

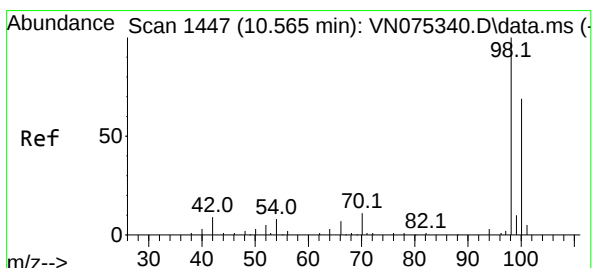
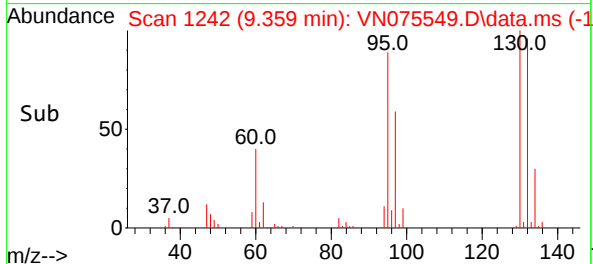
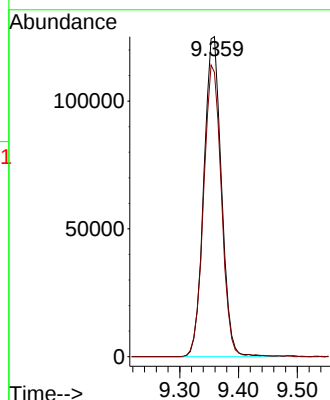
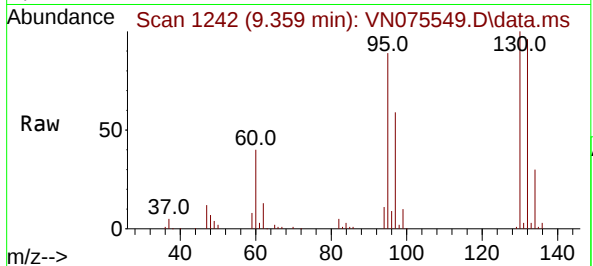




#44
Trichloroethene
Concen: 149.411 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

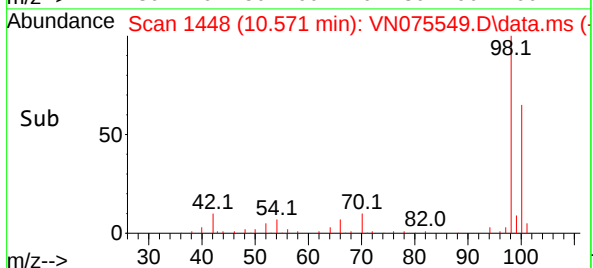
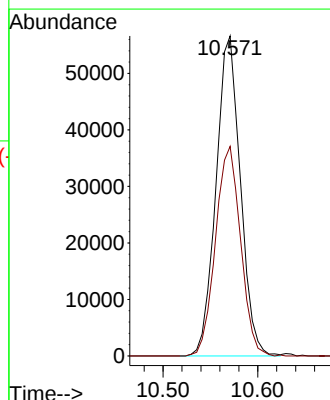
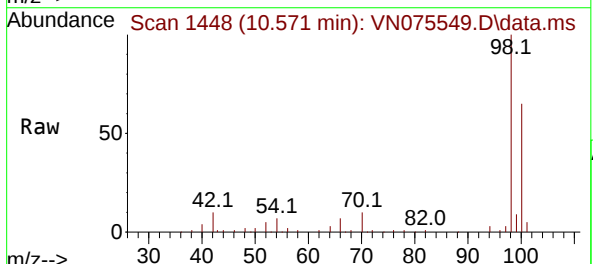
Instrument :
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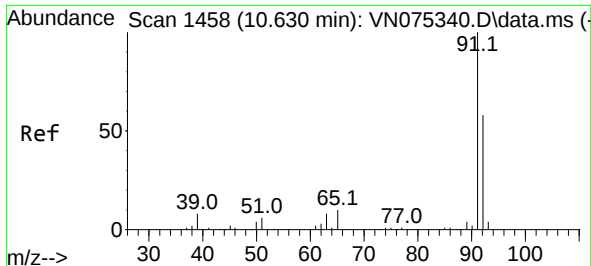
Tgt Ion:130 Resp: 259447
Ion Ratio Lower Upper
130 100
95 88.9 0.0 198.4



#50
Toluene-d8
Concen: 47.274 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

Tgt Ion: 98 Resp: 101200
Ion Ratio Lower Upper
98 100
100 67.4 53.0 79.6

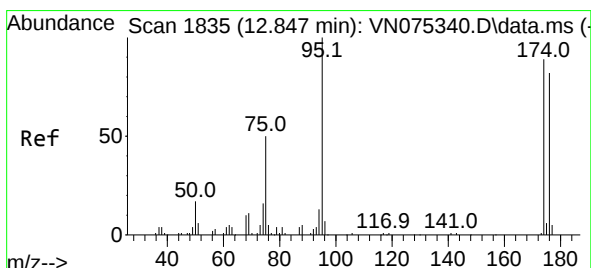
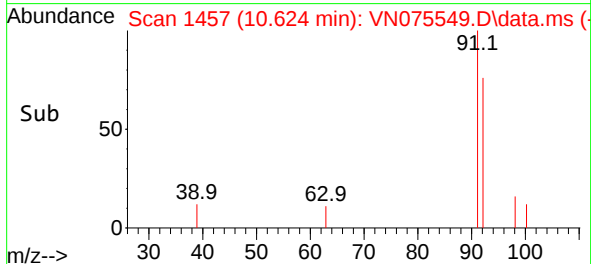
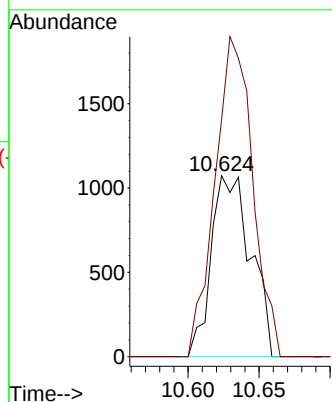
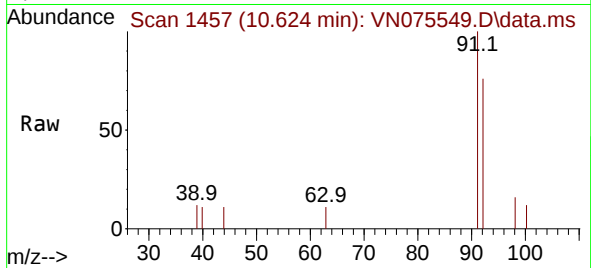




#52
Toluene
Concen: 0.509 ug/l
RT: 10.624 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

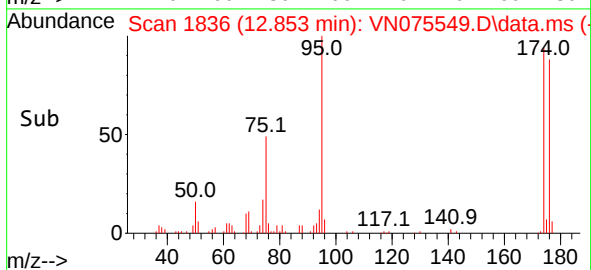
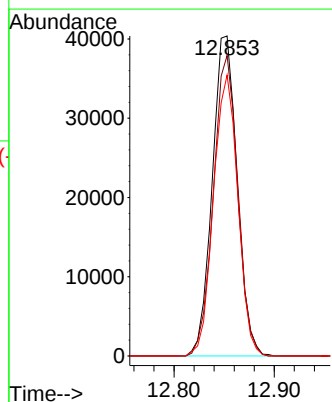
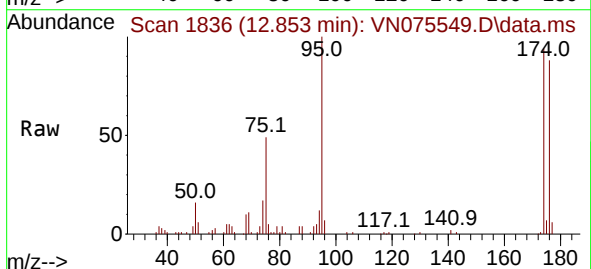
Instrument :
MSVOA_N
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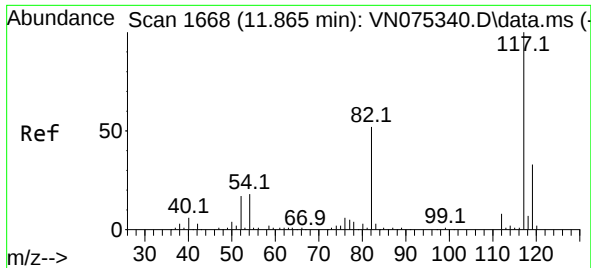
Tgt Ion: 92 Resp: 2080
Ion Ratio Lower Upper
92 100
91 168.5 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 44.087 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

Tgt Ion: 95 Resp: 69661
Ion Ratio Lower Upper
95 100
174 92.0 0.0 147.4
176 85.8 0.0 142.2

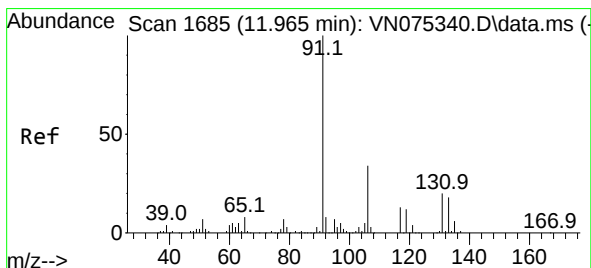
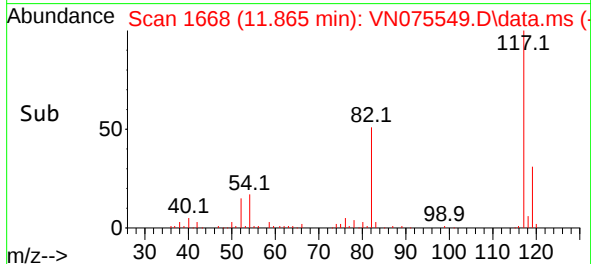
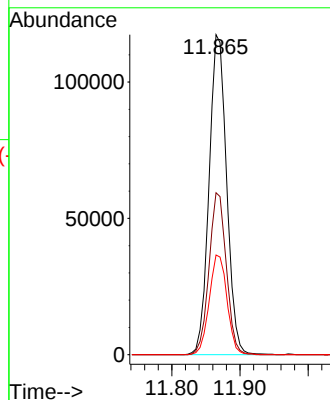
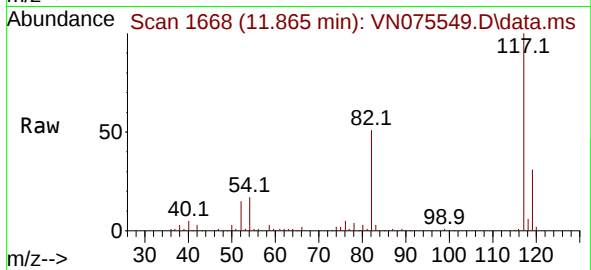




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

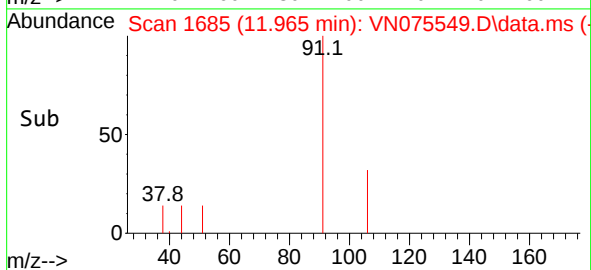
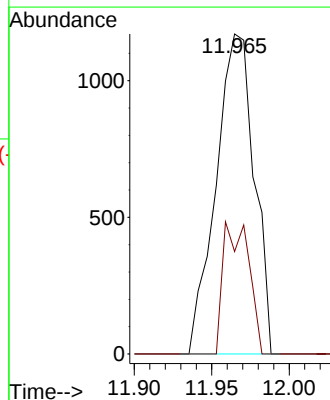
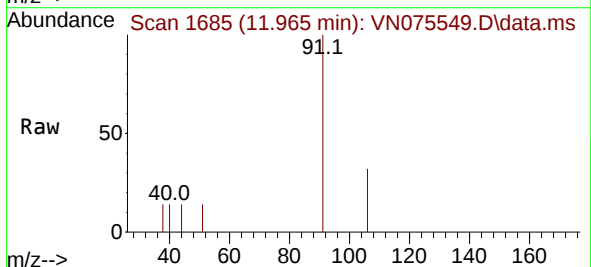
Instrument :
MSVOA_N
ClientSampleId :
EB-01

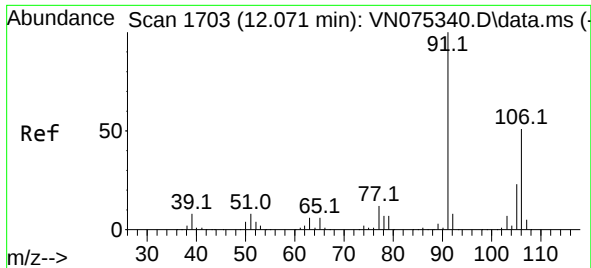
Tgt Ion:117 Resp: 209841
Ion Ratio Lower Upper
117 100
82 50.6 43.1 64.7
119 31.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.272 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

Tgt Ion: 91 Resp: 2008
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

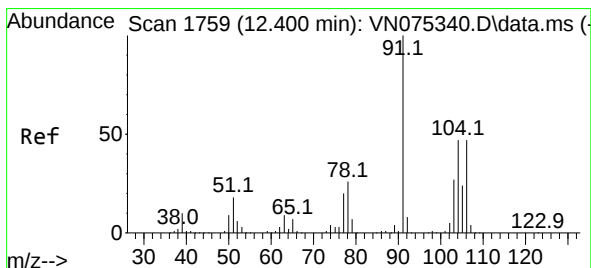
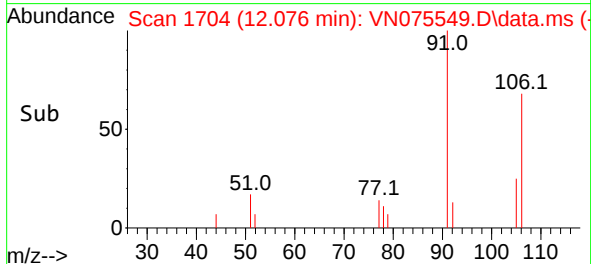
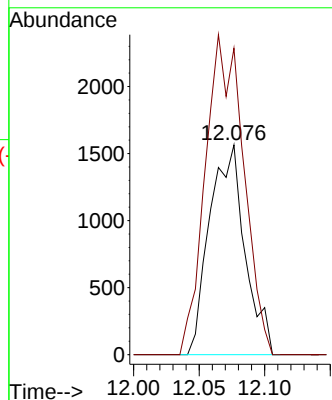
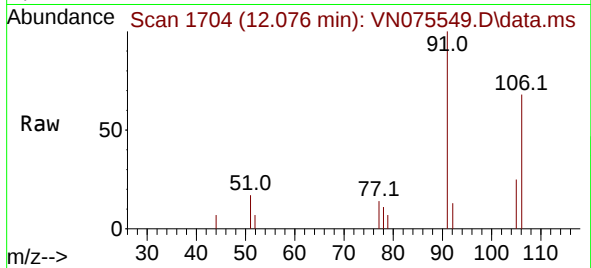




#68
m/p-Xylenes
Concen: 0.977 ug/l
RT: 12.076 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

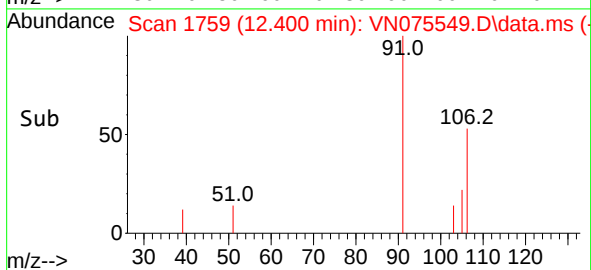
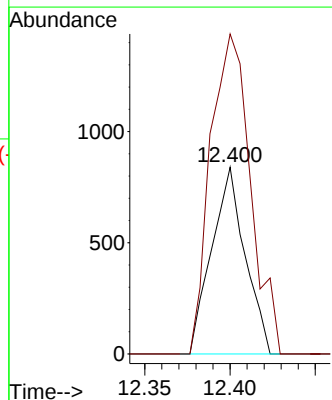
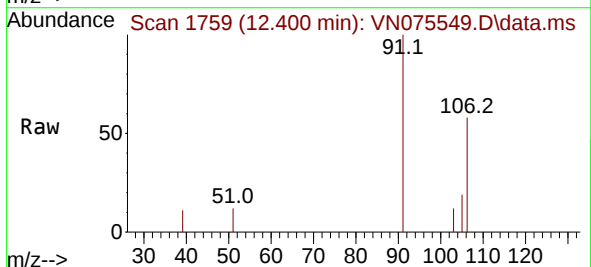
Instrument :
MSVOA_N
ClientSampleId :
EB-01

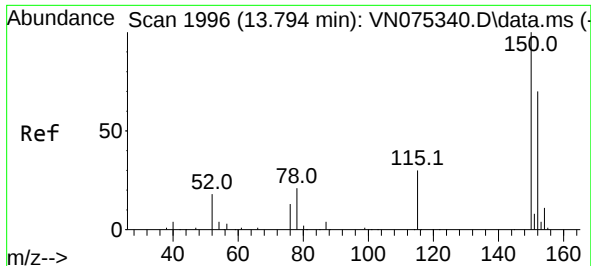
Tgt Ion:106 Resp: 2933
Ion Ratio Lower Upper
106 100
91 164.5 156.0 234.0



#69
o-Xylene
Concen: 0.384 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

Tgt Ion:106 Resp: 1145
Ion Ratio Lower Upper
106 100
91 205.2 105.2 315.5

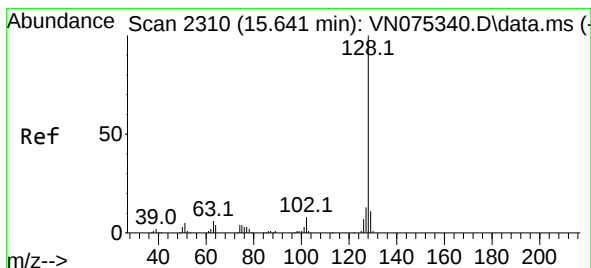
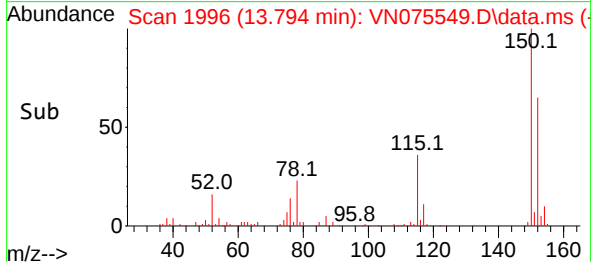
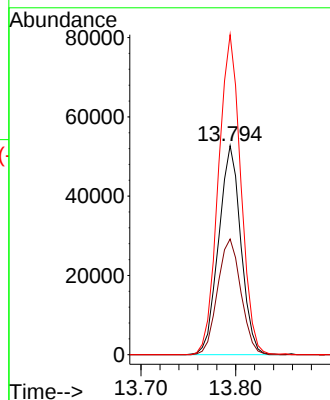
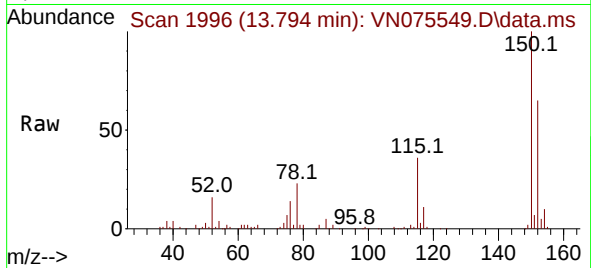




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
EB-01

Tgt Ion:152 Resp: 85996
Ion Ratio Lower Upper
152 100
115 58.0 30.2 90.6
150 154.5 0.0 348.4



#95
Naphthalene
Concen: 0.573 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075549.D
Acq: 02 Dec 2022 22:04

Tgt Ion:128 Resp: 2646
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 8.3 8.6 12.8#

