

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025239.D
 Acq On : 19 Nov 2021 17:29
 Operator : JC/MD
 Sample : M4779-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 00:14:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 22 00:11:59 2021
 Response via : Initial Calibration

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

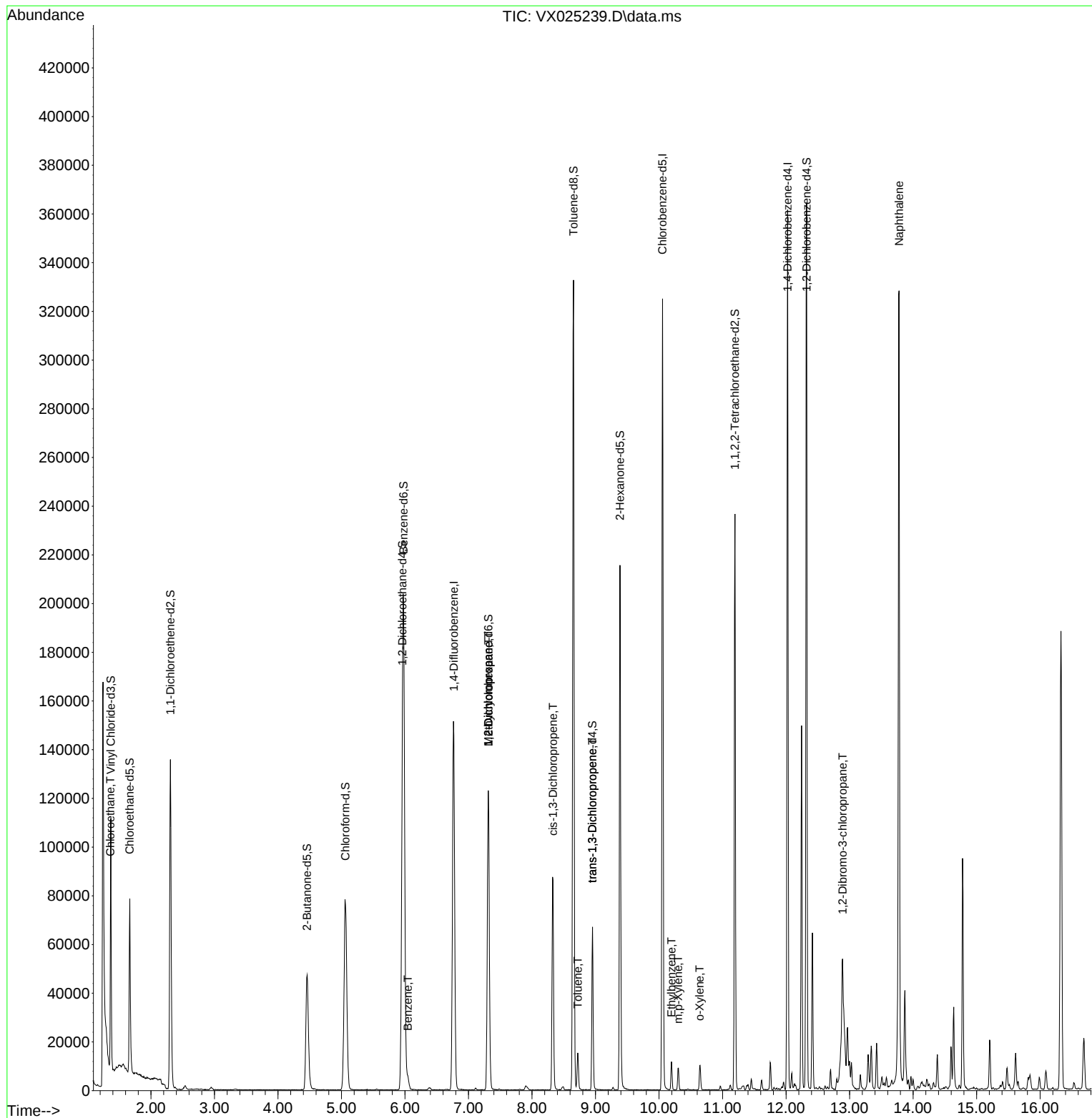
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	164419	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149524	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	75303	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60615	54.569	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.140%			
7) Chloroethane-d5	1.666	69	48604	76.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 153.560%#			
11) 1,1-Dichloroethene-d2	2.306	63	74526	39.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.020%			
21) 2-Butanone-d5	4.458	46	83530	99.510	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.510%			
24) Chloroform-d	5.062	84	97817	50.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.120%			
26) 1,2-Dichloroethane-d4	5.958	65	61042	51.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.080%			
32) Benzene-d6	5.976	84	210398	51.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.120%			
36) 1,2-Dichloropropane-d6	7.312	67	64172	51.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.000%			
41) Toluene-d8	8.653	98	196165	50.335	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.660%			
43) trans-1,3-Dichloroprop...	8.952	79	30451	45.017	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.040%			
47) 2-Hexanone-d5	9.384	63	62605	93.561	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.560%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	88581	49.356	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.720%			
66) 1,2-Dichlorobenzene-d4	12.323	152	78507	52.592	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.180%			
Target Compounds						Qvalue
8) Chloroethane	1.361	64	1541	2.139	ug/L	87
33) Benzene	6.044	78	5649	1.230	ug/L	100
35) Methylcyclohexane	7.312	83	15632	7.701	ug/L #	23
37) 1,2-Dichloropropane	7.312	63	6872	5.972	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	2088	1.105	ug/L #	67
42) Toluene	8.720	91	9766	1.957	ug/L	98
44) trans-1,3-Dichloropropene	8.952	75	1376	0.748	ug/L	97
52) Ethylbenzene	10.195	91	6824	1.272	ug/L	100
53) m,p-Xylene	10.299	106	2292	1.057	ug/L	84
54) o-Xylene	10.640	106	2418	1.130	ug/L	79
68) 1,2-Dibromo-3-chloropr...	12.890	75	1158	2.824	ug/L #	9
71) Naphthalene	13.780	128	240815	45.846	ug/L	99

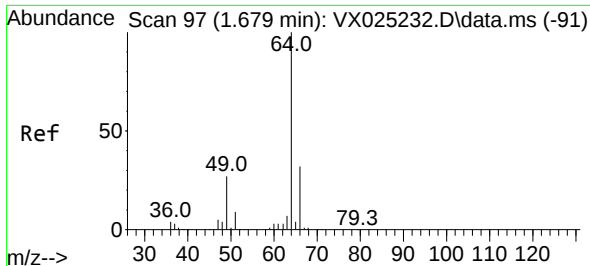
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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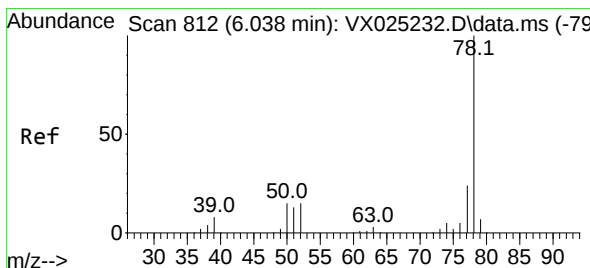
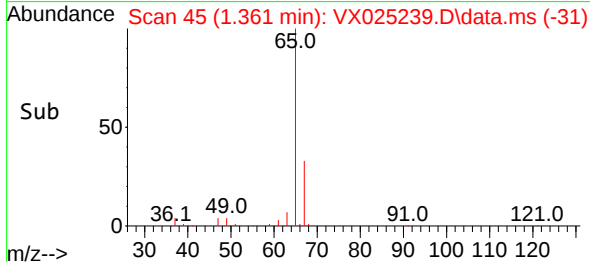
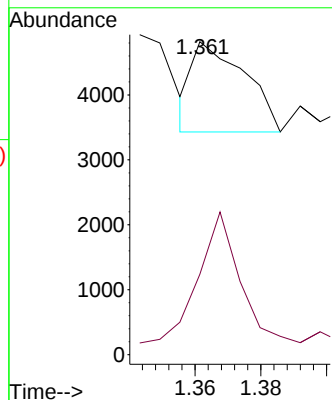
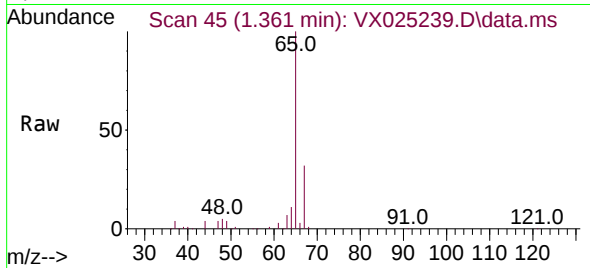




#8
 Chloroethane
 Concen: 2.139 ug/L
 RT: 1.361 min Scan# 41
 Delta R.T. -0.317 min
 Lab File: VX025239.D
 Acq: 19 Nov 2021 17:29

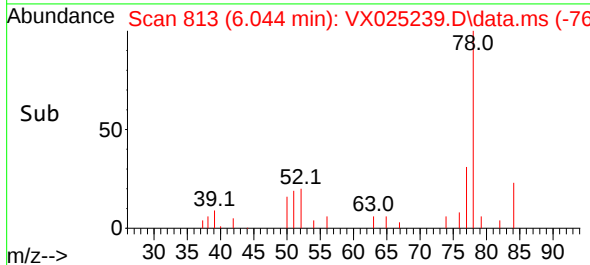
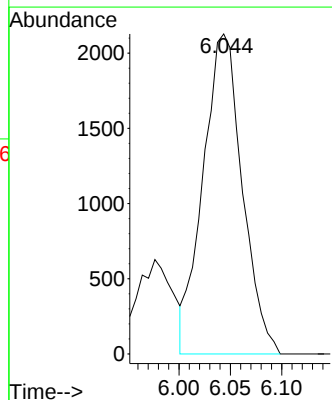
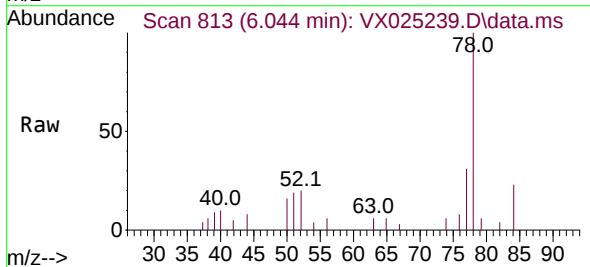
Instrument :
 MSVOA_X
 ClientSampleId :

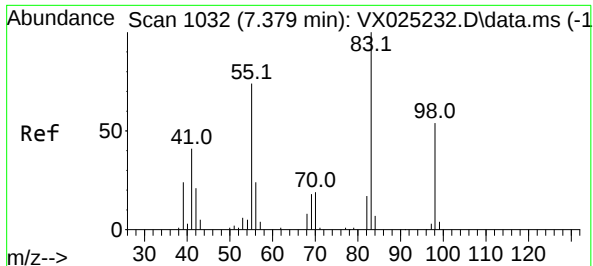
Tgt Ion: 64 Resp: 1541
 Ion Ratio Lower Upper
 64 100
 66 25.7 23.3 43.3



#33
 Benzene
 Concen: 1.230 ug/L
 RT: 6.044 min Scan# 813
 Delta R.T. 0.006 min
 Lab File: VX025239.D
 Acq: 19 Nov 2021 17:29

Tgt Ion: 78 Resp: 5649

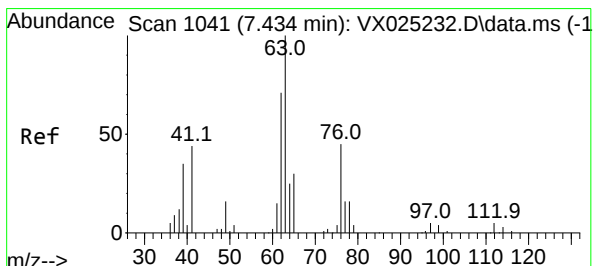
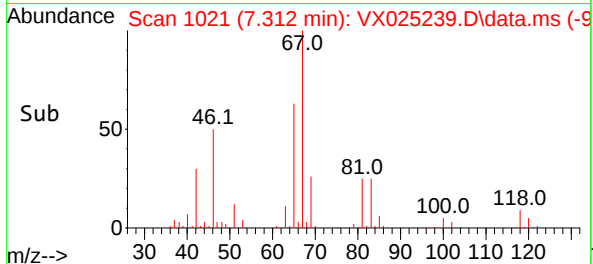
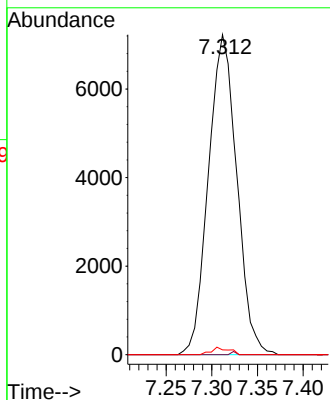
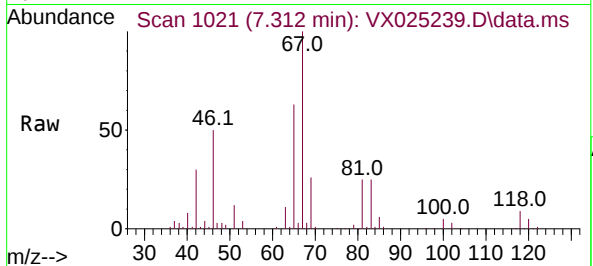




#35
Methylcyclohexane
Concen: 7.701 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX025239.D
Acq: 19 Nov 2021 17:29

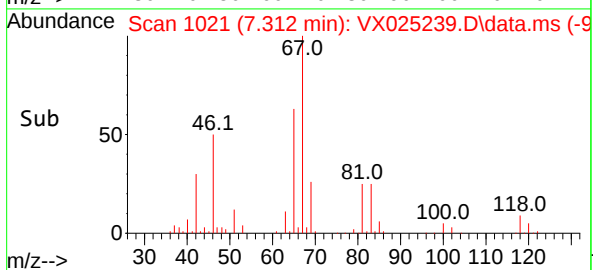
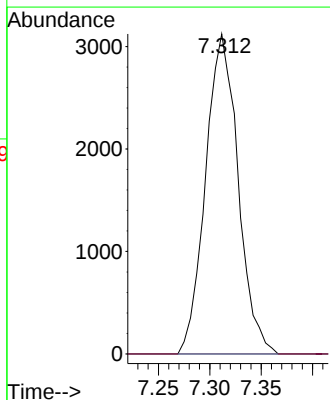
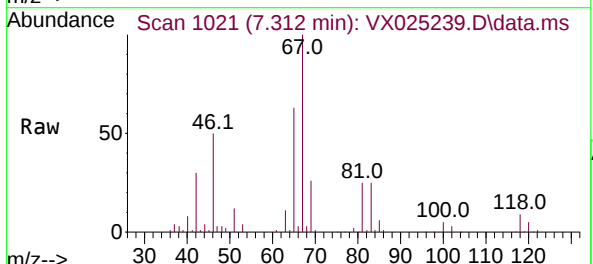
Instrument :
MSVOA_X
ClientSampleId :

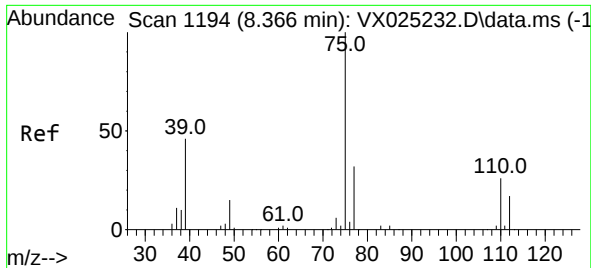
Tgt Ion: 83 Resp: 15632
Ion Ratio Lower Upper
83 100
55 0.0 52.6 79.0#
98 1.2 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 5.972 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX025239.D
Acq: 19 Nov 2021 17:29

Tgt Ion: 63 Resp: 6872
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

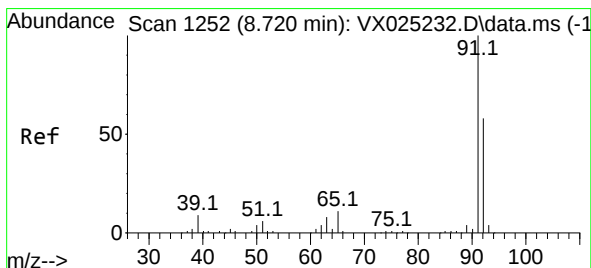
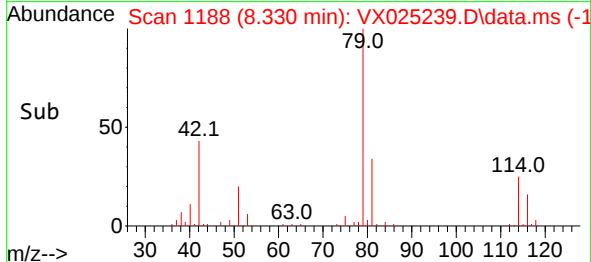
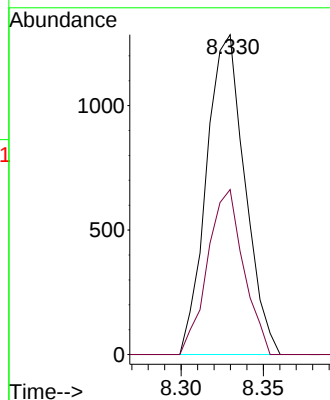
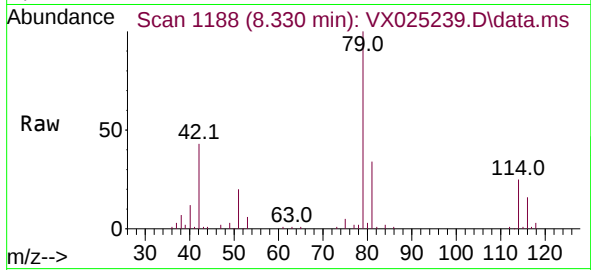




#39
 cis-1,3-Dichloropropene
 Concen: 1.105 ug/L
 RT: 8.330 min Scan# 1188
 Delta R.T. -0.037 min
 Lab File: VX025239.D
 Acq: 19 Nov 2021 17:29

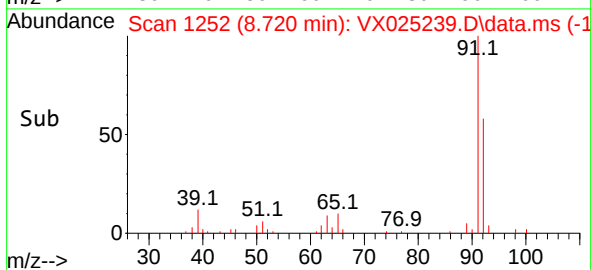
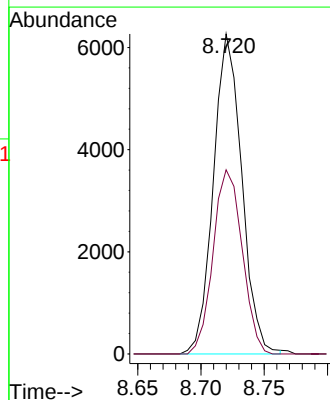
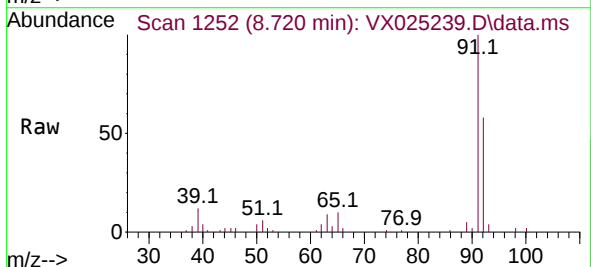
Instrument :
 MSVOA_X
 ClientSampleId :

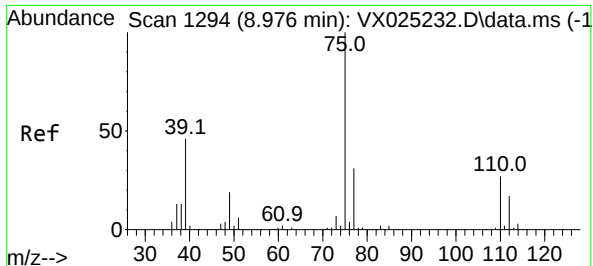
Tgt Ion: 75 Resp: 2088
 Ion Ratio Lower Upper
 75 100
 77 51.6 23.1 42.9#



#42
 Toluene
 Concen: 1.957 ug/L
 RT: 8.720 min Scan# 1252
 Delta R.T. -0.000 min
 Lab File: VX025239.D
 Acq: 19 Nov 2021 17:29

Tgt Ion: 91 Resp: 9766
 Ion Ratio Lower Upper
 91 100
 92 57.5 39.3 72.9

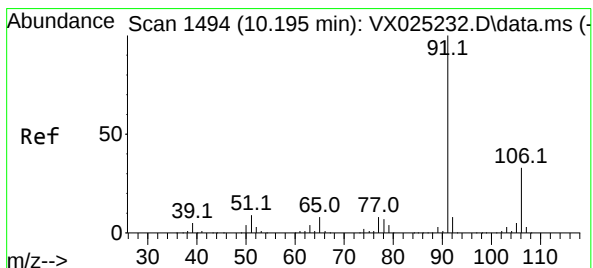
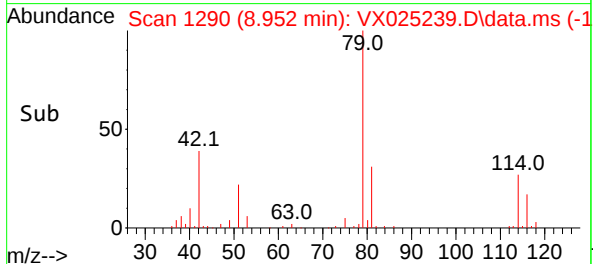
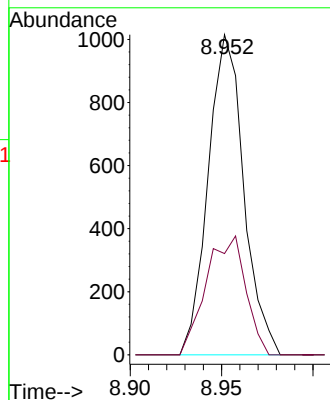
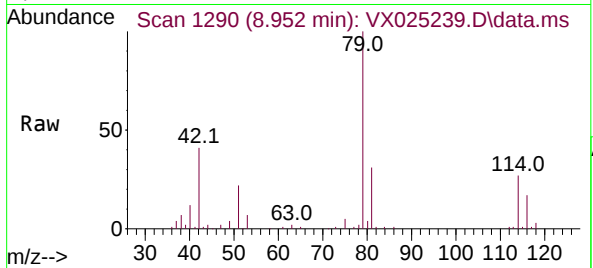




#44
trans-1,3-Dichloropropene
Concen: 0.748 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX025239.D
Acq: 19 Nov 2021 17:29

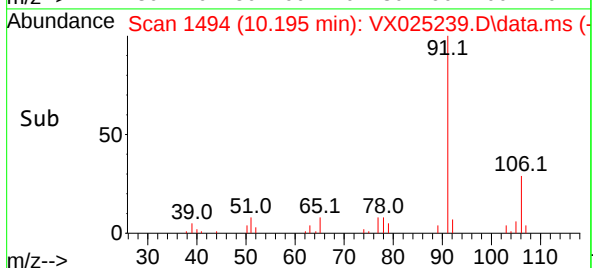
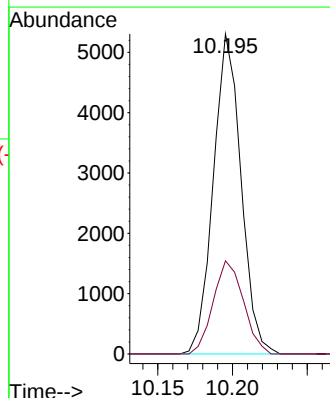
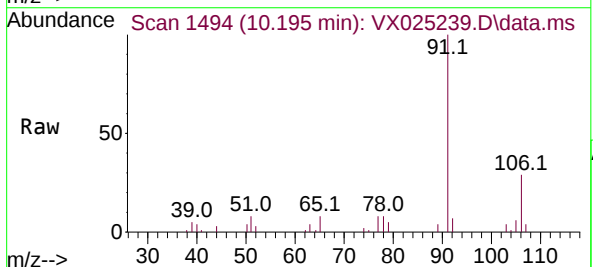
Instrument :
MSVOA_X
ClientSampleId :

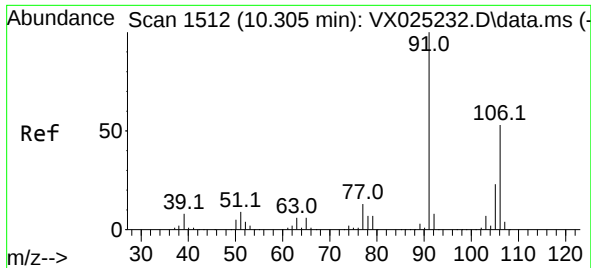
Tgt Ion: 75 Resp: 1376
Ion Ratio Lower Upper
75 100
77 31.6 23.4 43.6



#52
Ethylbenzene
Concen: 1.272 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025239.D
Acq: 19 Nov 2021 17:29

Tgt Ion: 91 Resp: 6824
Ion Ratio Lower Upper
91 100
106 29.1 20.2 37.6

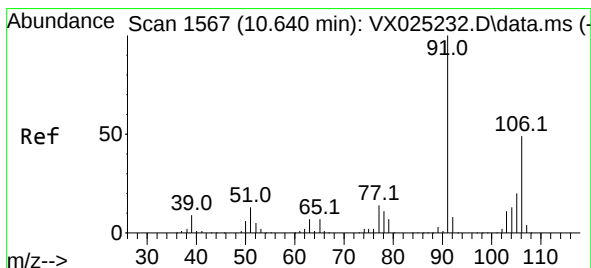
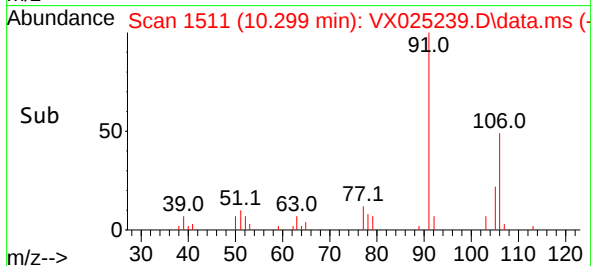
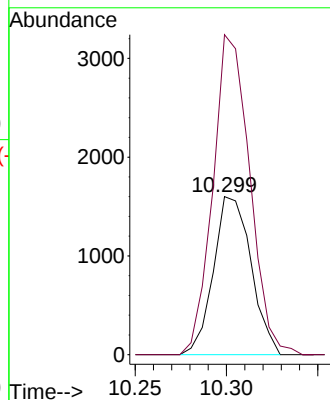
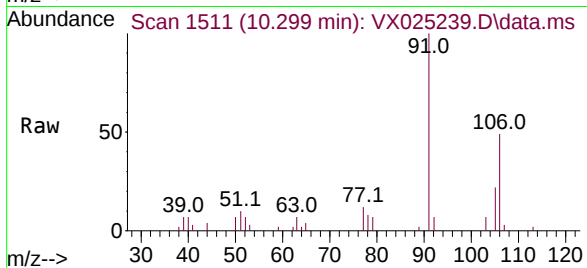




#53
m,p-Xylene
Concen: 1.057 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX025239.D
Acq: 19 Nov 2021 17:29

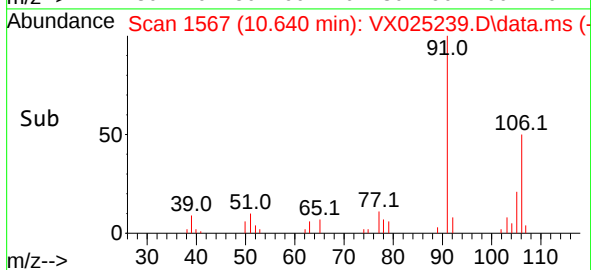
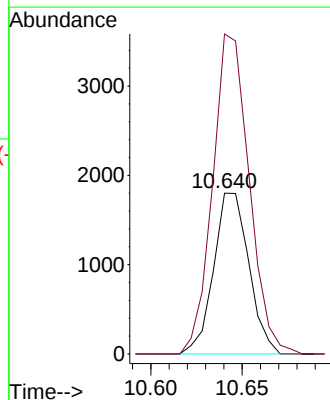
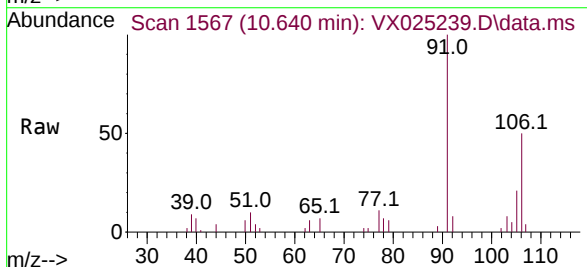
Instrument :
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ClientSampleId :

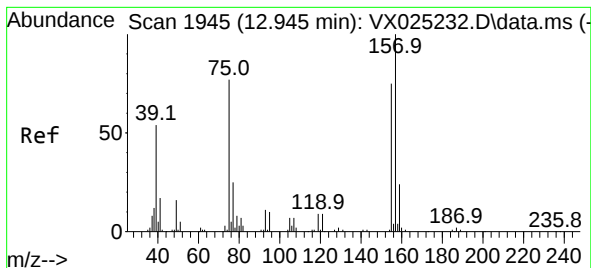
Tgt Ion:106 Resp: 2292
Ion Ratio Lower Upper
106 100
91 202.5 160.2 297.6



#54
o-Xylene
Concen: 1.130 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX025239.D
Acq: 19 Nov 2021 17:29

Tgt Ion:106 Resp: 2418
Ion Ratio Lower Upper
106 100
91 199.0 164.4 305.4

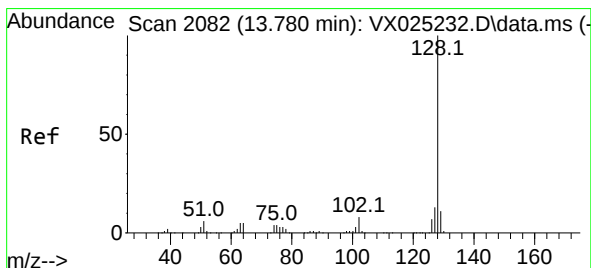
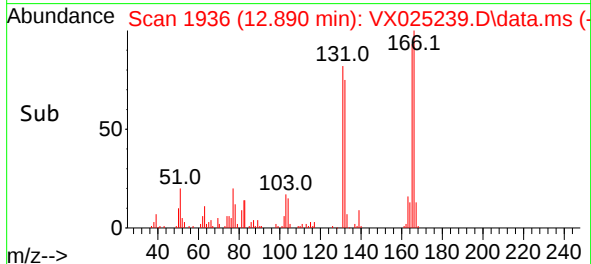
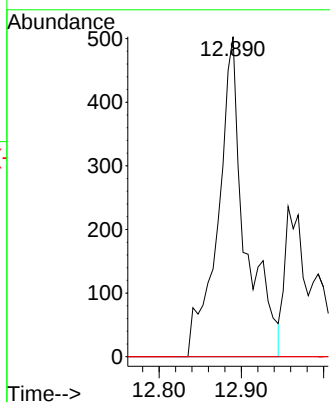
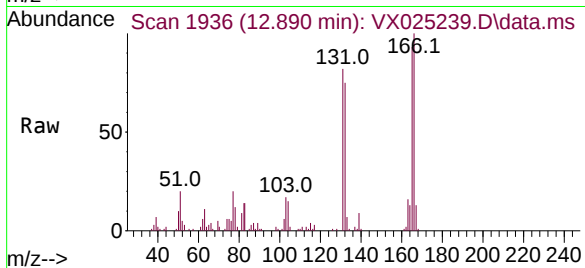




#68
1,2-Dibromo-3-chloropropane
Concen: 2.824 ug/L
RT: 12.890 min Scan# 1945
Delta R.T. -0.055 min
Lab File: VX025239.D
Acq: 19 Nov 2021 17:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1158
Ion Ratio Lower Upper
75 100
155 0.0 59.3 88.9#
157 0.0 68.7 103.1#



#71
Naphthalene
Concen: 45.846 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025239.D
Acq: 19 Nov 2021 17:29

Tgt Ion: 128 Resp: 240815
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.0 9.1 13.7

