

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
 Data File : VX025153.D
 Acq On : 12 Nov 2021 14:47
 Operator : JC/MD
 Sample : M4615-04 10X
 Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 13 04:24:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 12 12:01:23 2021
 Response via : Initial Calibration

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

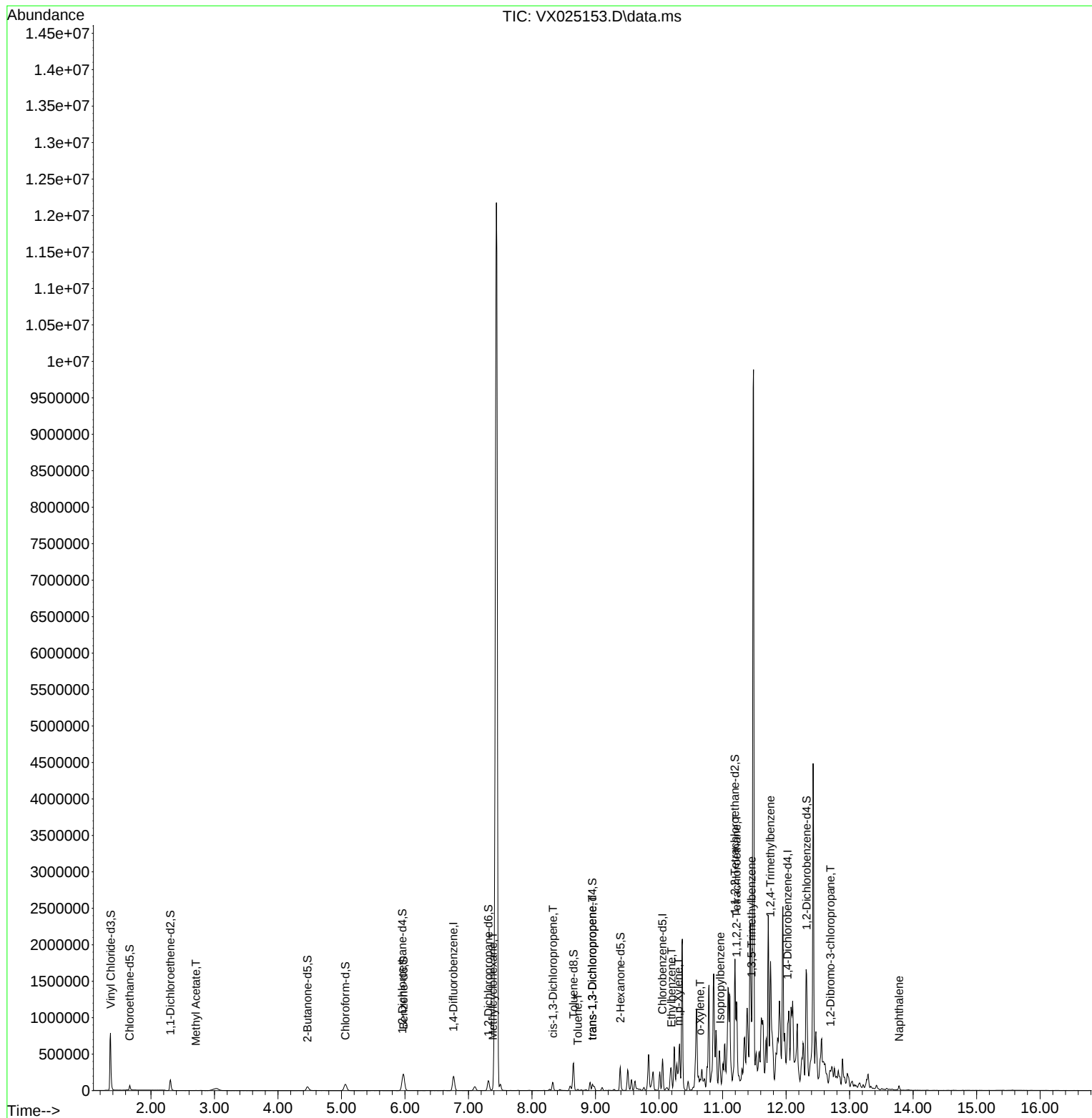
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	213351	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	194554	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113090	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61799	42.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.760%		
7) Chloroethane-d5	1.666	69	36144	43.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.000%		
11) 1,1-Dichloroethene-d2	2.306	63	79737	32.165	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.320%		
21) 2-Butanone-d5	4.465	46	95663	87.827	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.830%		
24) Chloroform-d	5.062	84	110643	43.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.260%		
26) 1,2-Dichloroethane-d4	5.958	65	69881	45.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
32) Benzene-d6	5.976	84	231335	43.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.140%		
36) 1,2-Dichloropropane-d6	7.312	67	71626	44.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.360%		
41) Toluene-d8	8.653	98	220963	43.575	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.140%		
43) trans-1,3-Dichloroprop...	8.952	79	39778	45.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.380%		
47) 2-Hexanone-d5	9.390	63	76948	88.380	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.380%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	125918	53.921	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.840%		
66) 1,2-Dichlorobenzene-d4	12.323	152	103288	46.073	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.140%		
Target Compounds						Qvalue
15) Methyl Acetate	2.709	43	2514	1.511	ug/L #	63
35) Methylcyclohexane	7.385	83	6048	2.290	ug/L #	51
39) cis-1,3-Dichloropropene	8.330	75	2476	1.007	ug/L #	66
42) Toluene	8.720	91	11904	1.834	ug/L	98
44) trans-1,3-Dichloropropene	8.952	75	1787	0.747	ug/L	89
52) Ethylbenzene	10.195	91	21696	3.109	ug/L	91
53) m,p-Xylene	10.305	106	33182	11.760	ug/L	80
54) o-Xylene	10.646	106	18572	6.670	ug/L	76
57) 1,1,2,2-Tetrachloroethane	11.219	83	63432	26.424	ug/L #	34
60) Isopropylbenzene	10.963	105	22428	2.773	ug/L #	86
62) 1,3,5-Trimethylbenzene	11.457	105	128371	18.710	ug/L	89
63) 1,2,4-Trimethylbenzene	11.756	105	496591	72.143	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.701	75	1687	2.739	ug/L #	34
71) Naphthalene	13.780	128	37889	4.803	ug/L	100

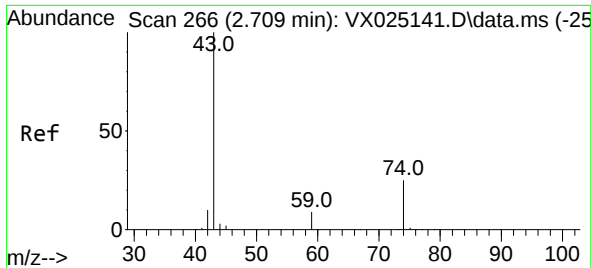
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 13 04:24:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 12 12:01:23 2021
Response via : Initial Calibration

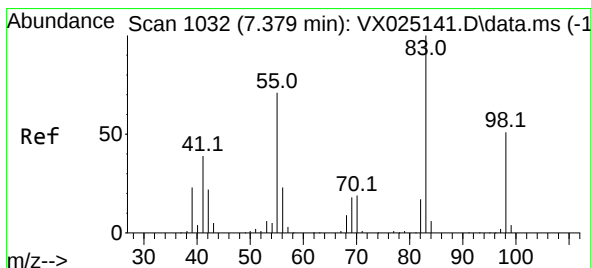
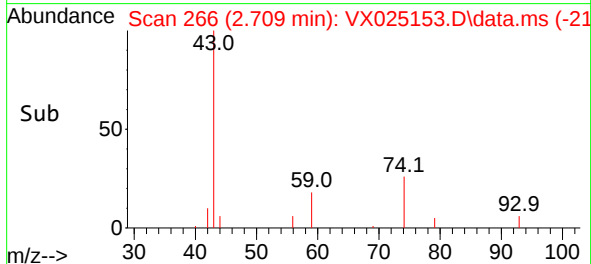
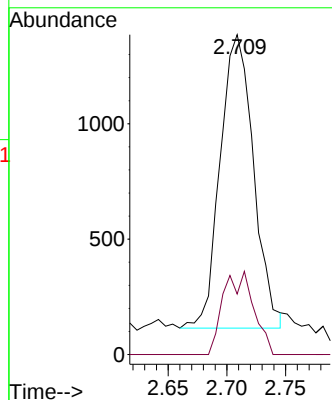
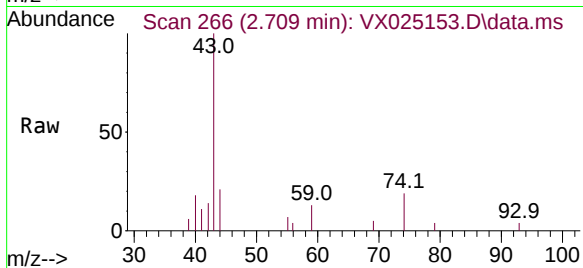




#15
Methyl Acetate
Concen: 1.511 ug/L
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

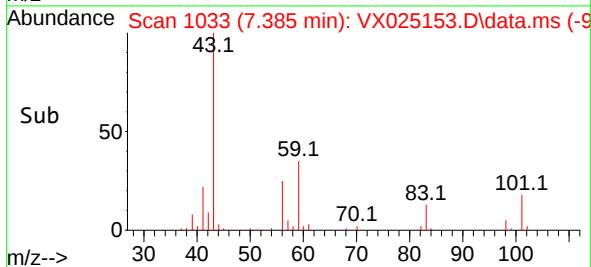
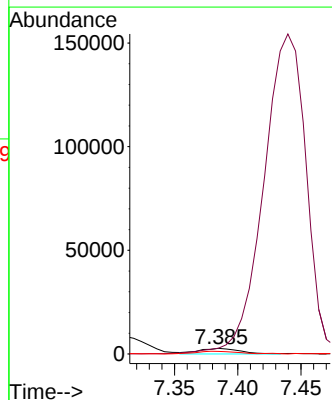
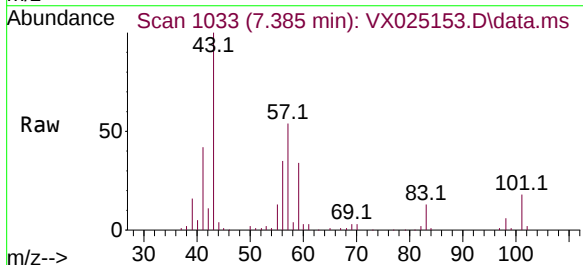
Instrument :
MSVOA_X
ClientSampleId :

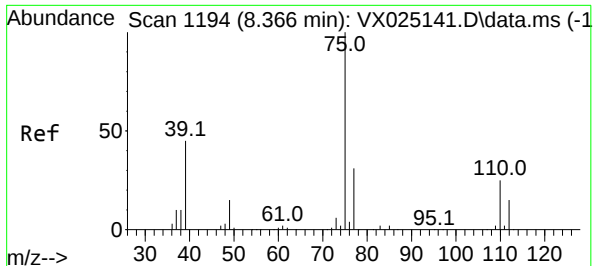
Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
74 14.0 28.6 42.8#



#35
Methylcyclohexane
Concen: 2.290 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

Tgt Ion: 83 Resp: 6048
Ion Ratio Lower Upper
83 100
55 0.0 52.6 79.0#
98 48.6 37.9 56.9





#39

cis-1,3-Dichloropropene

Concen: 1.007 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025153.D

Acq: 12 Nov 2021 14:47

Instrument :

MSVOA_X

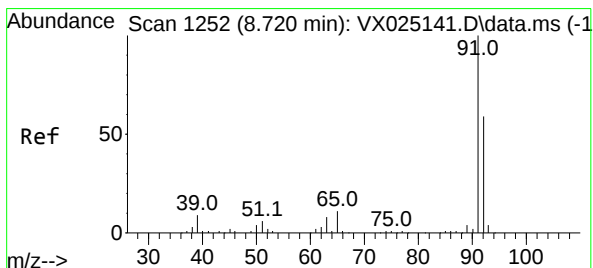
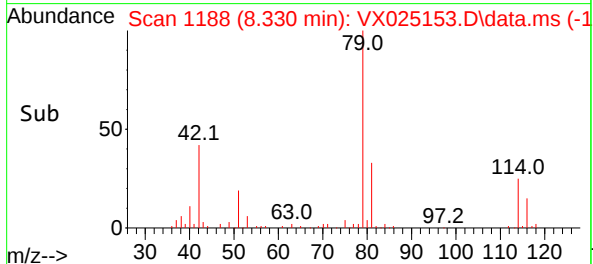
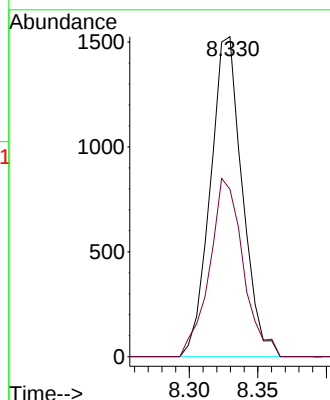
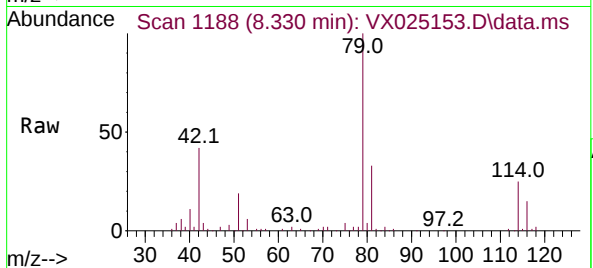
ClientSampleId :

Tgt Ion: 75 Resp: 2476

Ion Ratio Lower Upper

75 100

77 52.3 23.1 42.9#



#42

Toluene

Concen: 1.834 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025153.D

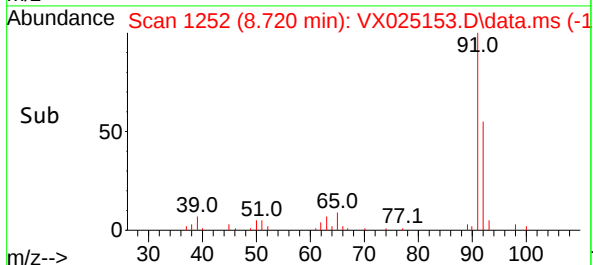
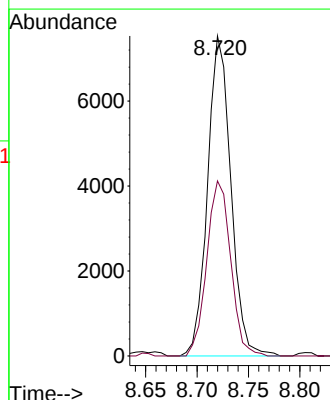
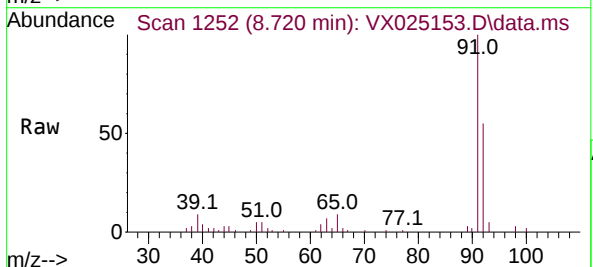
Acq: 12 Nov 2021 14:47

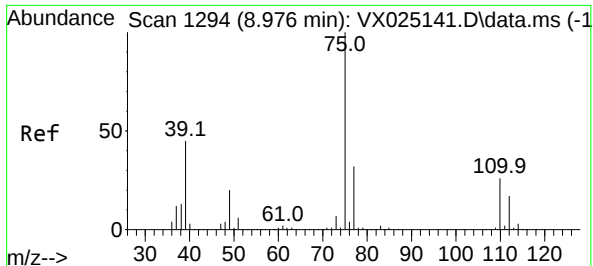
Tgt Ion: 91 Resp: 11904

Ion Ratio Lower Upper

91 100

92 54.7 39.3 72.9

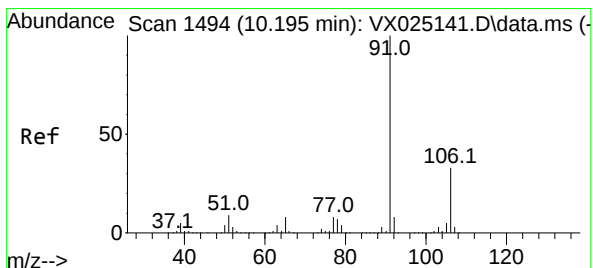
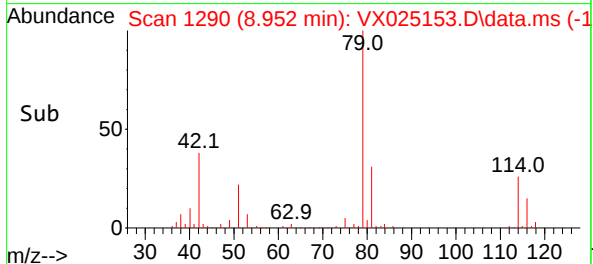
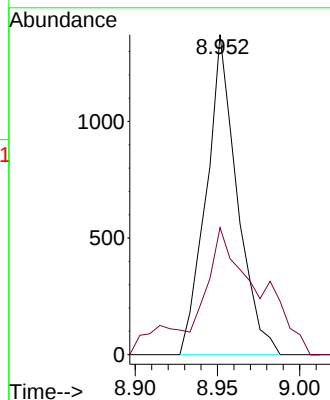
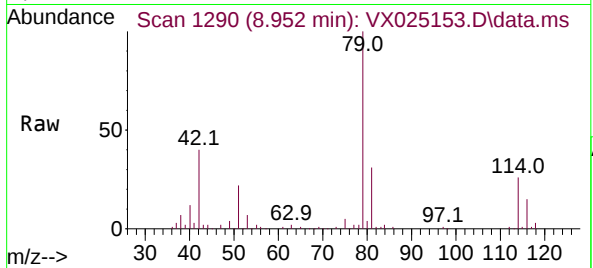




#44
trans-1,3-Dichloropropene
Concen: 0.747 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

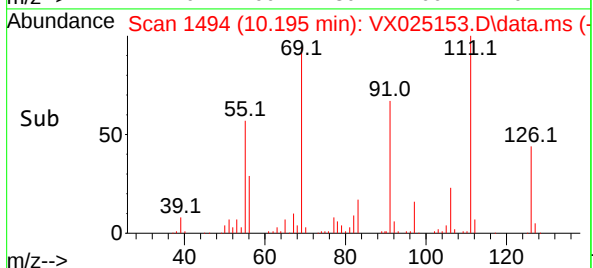
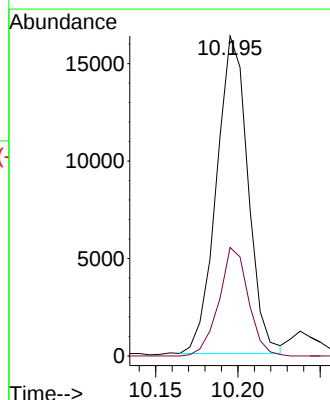
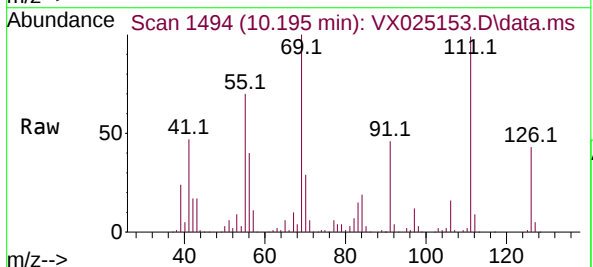
Instrument :
MSVOA_X
ClientSampleId :

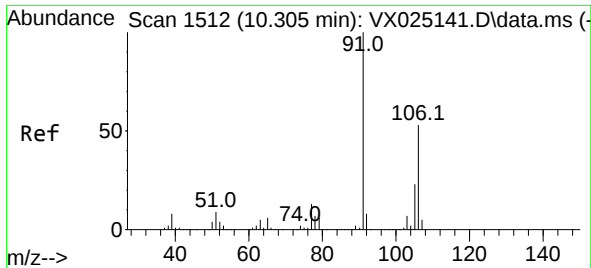
Tgt Ion: 75 Resp: 1787
Ion Ratio Lower Upper
75 100
77 39.7 23.4 43.6



#52
Ethylbenzene
Concen: 3.109 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

Tgt Ion: 91 Resp: 21696
Ion Ratio Lower Upper
91 100
106 33.9 20.2 37.6

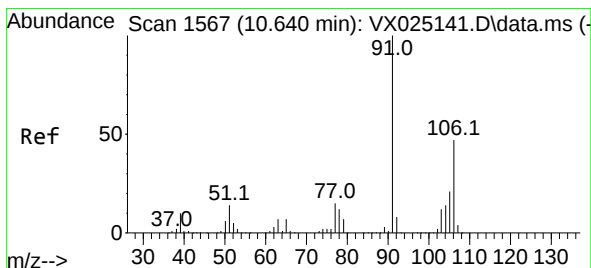
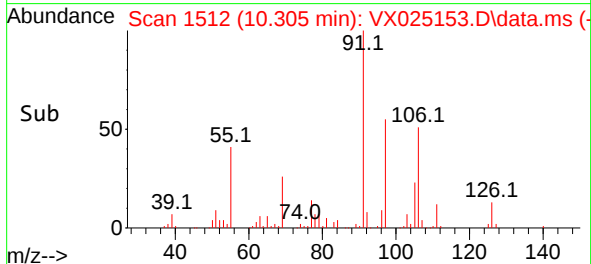
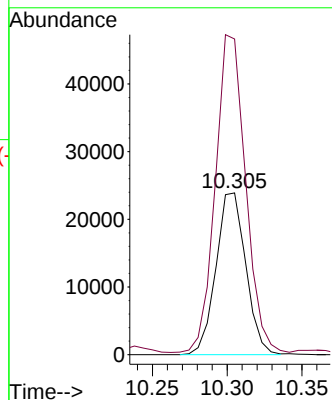
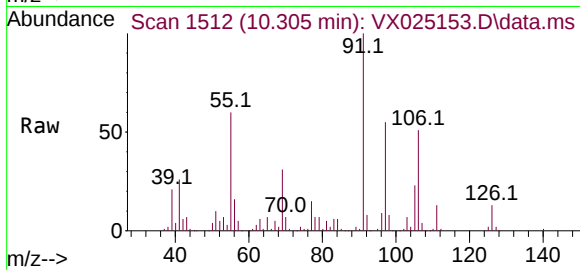




#53
m,p-Xylene
Concen: 11.760 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

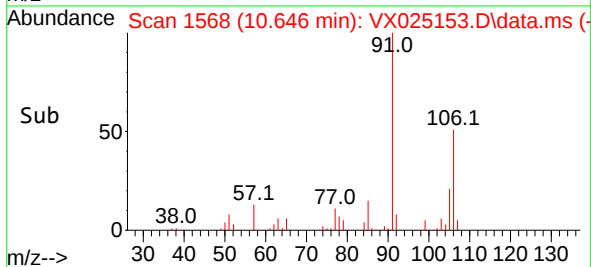
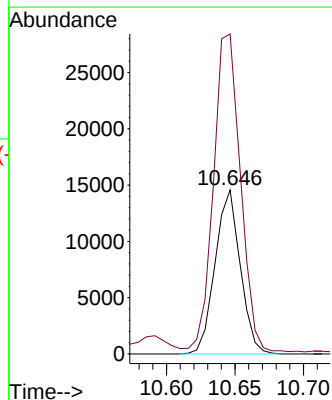
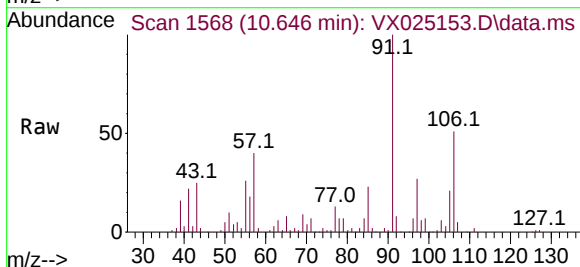
Instrument :
MSVOA_X
ClientSampleId :

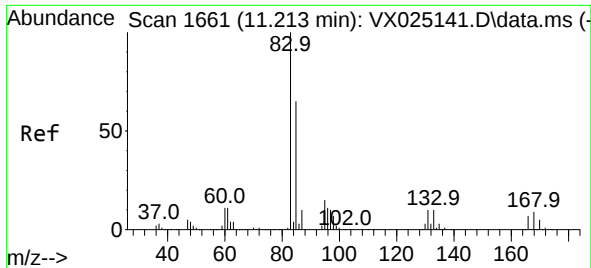
Tgt Ion:106 Resp: 33182
Ion Ratio Lower Upper
106 100
91 195.1 160.2 297.6



#54
o-Xylene
Concen: 6.670 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

Tgt Ion:106 Resp: 18572
Ion Ratio Lower Upper
106 100
91 195.2 164.4 305.4

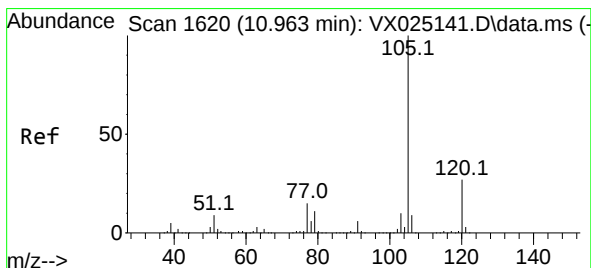
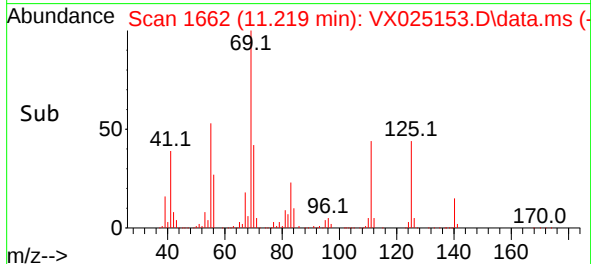
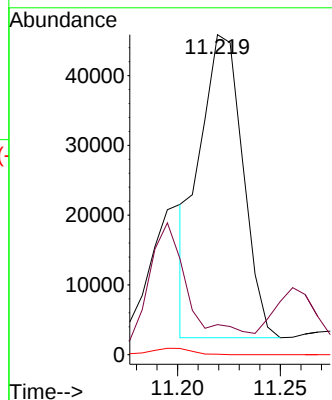
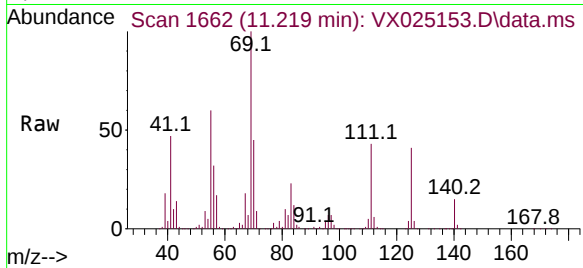




#57
1,1,2,2-Tetrachloroethane
Concen: 26.424 ug/L
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

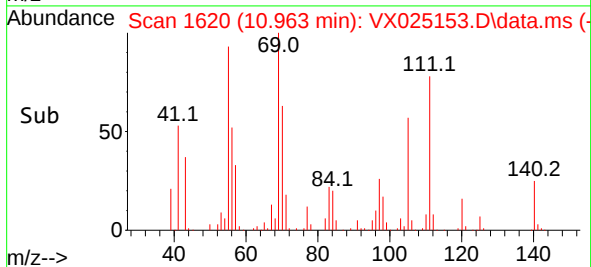
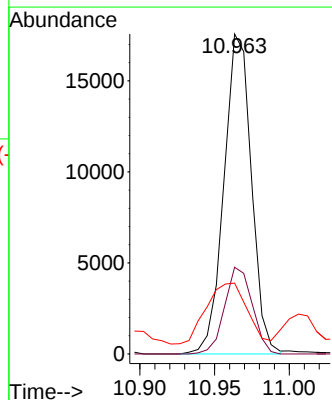
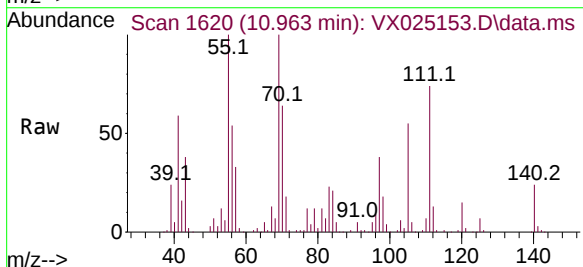
Instrument :
MSVOA_X
ClientSampleId :

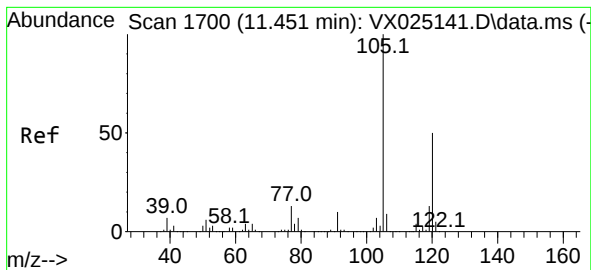
Tgt Ion: 83 Resp: 63432
Ion Ratio Lower Upper
83 100
85 9.4 46.9 87.1#
131 0.2 8.7 13.1#



#60
Isopropylbenzene
Concen: 2.773 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

Tgt Ion: 105 Resp: 22428
Ion Ratio Lower Upper
105 100
120 27.3 19.8 29.6
77 27.8 13.2 19.8#

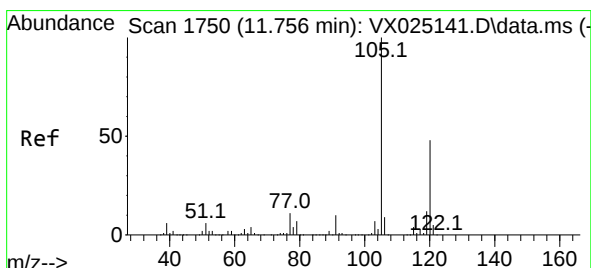
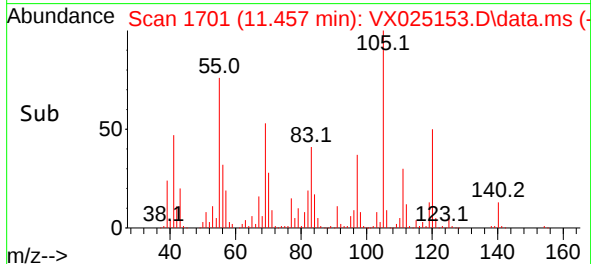
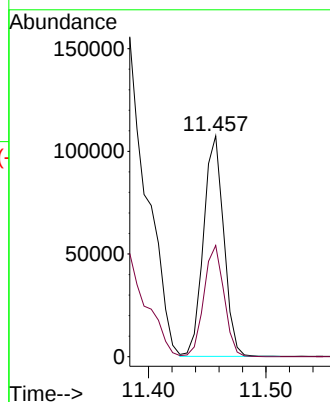
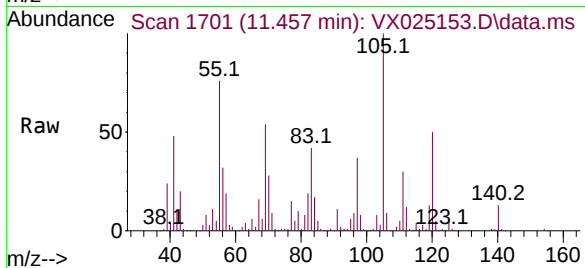




#62
 1,3,5-Trimethylbenzene
 Concen: 18.710 ug/L
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX025153.D
 Acq: 12 Nov 2021 14:47

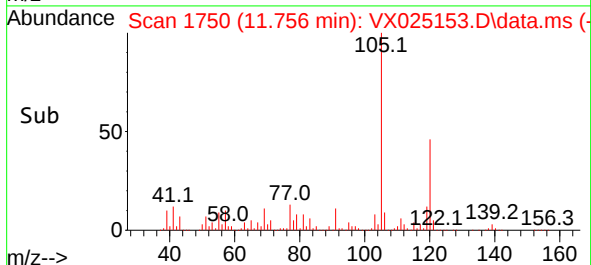
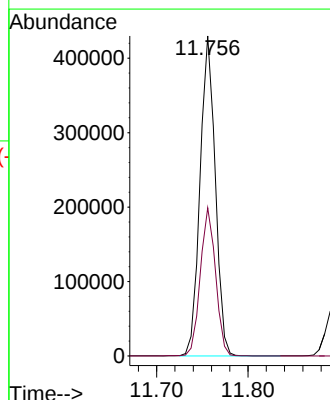
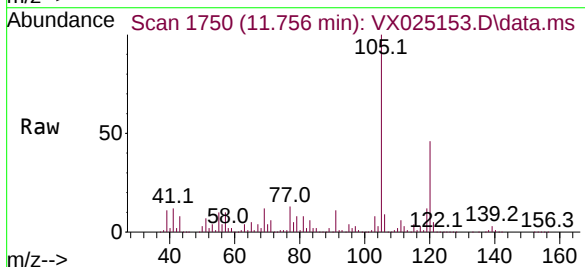
Instrument :
 MSVOA_X
 ClientSampleId :

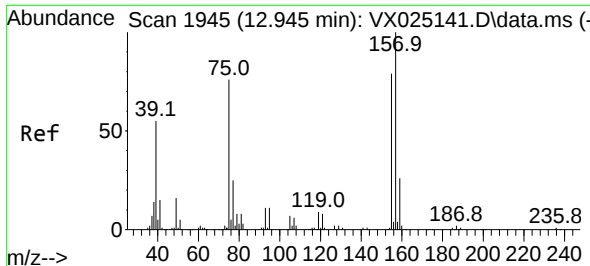
Tgt Ion:105 Resp: 128371
 Ion Ratio Lower Upper
 105 100
 120 50.1 34.4 51.6



#63
 1,2,4-Trimethylbenzene
 Concen: 72.143 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX025153.D
 Acq: 12 Nov 2021 14:47

Tgt Ion:105 Resp: 496591
 Ion Ratio Lower Upper
 105 100
 120 46.3 31.0 46.6

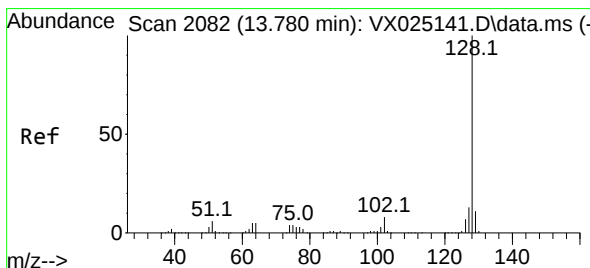
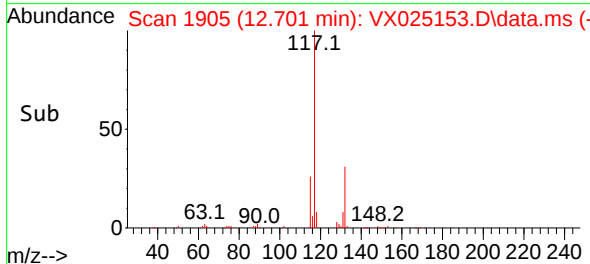
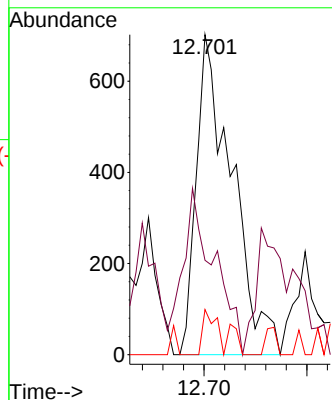
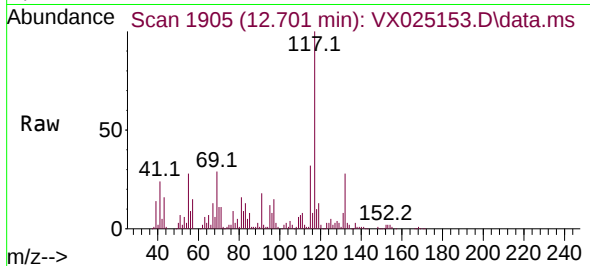




#68
1,2-Dibromo-3-chloropropane
Concen: 2.739 ug/L
RT: 12.701 min Scan# 1945
Delta R.T. -0.244 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1687
Ion Ratio Lower Upper
75 100
155 29.5 59.3 88.9#
157 14.1 68.7 103.1#



#71
Naphthalene
Concen: 4.803 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025153.D
Acq: 12 Nov 2021 14:47

Tgt Ion:128 Resp: 37889
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.5 9.1 13.7

