

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025994.D
 Acq On : 24 Dec 2021 01:19
 Operator : JC/MD
 Sample : M5154-10ME
 Misc : 6.72g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

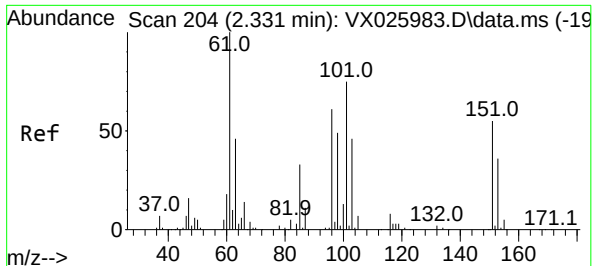
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 06:49:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	230612	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	208830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	109274	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	89819	54.923	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 109.840%	
7) Chloroethane-d5	1.648	69	36220	27.714	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	= 55.420%#	
11) 1,1-Dichloroethene-d2	2.282	63	146271	45.135	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	= 90.280%	
21) 2-Butanone-d5	4.495	46	124377	87.723	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	= 87.720%	
24) Chloroform-d	5.062	84	172270	52.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.280%	
26) 1,2-Dichloroethane-d4	5.958	65	124002	55.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.920%	
32) Benzene-d6	5.970	84	368228	61.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 122.520%	
36) 1,2-Dichloropropane-d6	7.306	67	111986	59.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 119.880%	
41) Toluene-d8	8.653	98	331311	59.034	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 118.060%	
43) trans-1,3-Dichloroprop...	8.952	79	32439	39.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 79.800%	
47) 2-Hexanone-d5	9.403	63	109375	113.424	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	= 113.420%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	148086	53.750	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.500%	
66) 1,2-Dichlorobenzene-d4	12.323	152	130195	63.051	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 126.100%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.282	101	1400	0.845	ug/L #	21
13) Acetone	2.416	43	8084	10.429	ug/L	91
35) Methylcyclohexane	7.373	83	1435	0.534	ug/L #	79
37) 1,2-Dichloropropane	7.312	63	12987	7.716	ug/L #	87
42) Toluene	8.720	91	11214	1.588	ug/L	95
44) trans-1,3-Dichloropropene	8.952	75	1801	0.785	ug/L	84
52) Ethylbenzene	10.195	91	88228	11.519	ug/L	96
53) m,p-Xylene	10.305	106	18319	6.266	ug/L	98
54) o-Xylene	10.646	106	14187	4.899	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.201	83	1820	0.666	ug/L #	1
60) Isopropylbenzene	11.384	105	26747	3.563	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	10799	1.718	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	86996	13.815	ug/L #	81
71) Naphthalene	13.780	128	516709	68.251	ug/L	99

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.845 ug/L

RT: 2.282 min Scan# 196

Delta R.T. -0.049 min

Lab File: VX025994.D

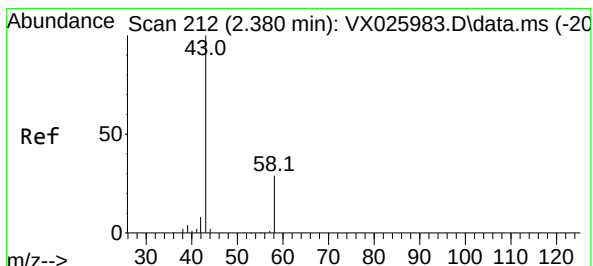
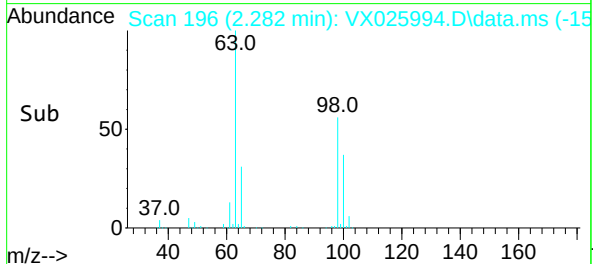
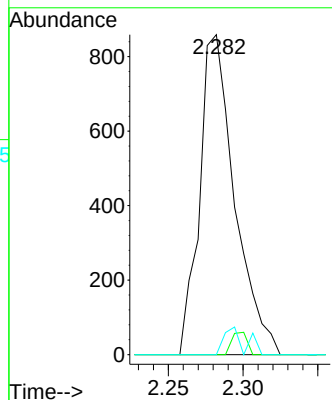
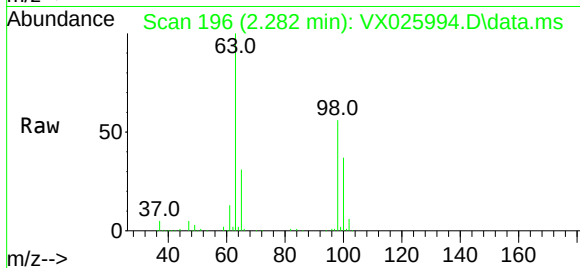
Acq: 24 Dec 2021 01:19

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:101	Resp:	1400
Ion Ratio	Lower	Upper
101	100	
85	3.1	34.3 51.5#
151	3.5	65.2 97.8#



#13

Acetone

Concen: 10.429 ug/L

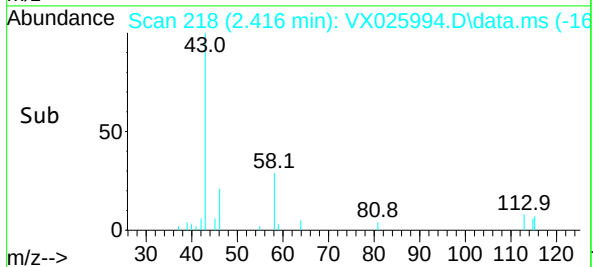
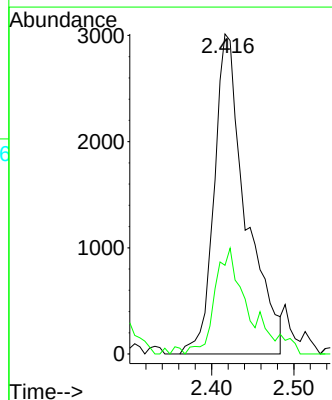
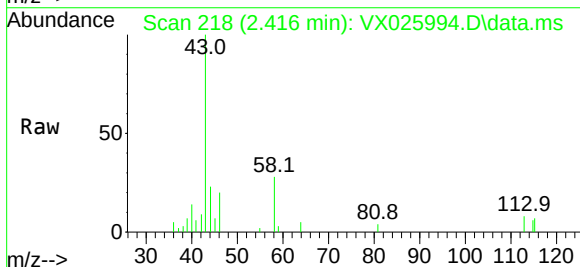
RT: 2.416 min Scan# 218

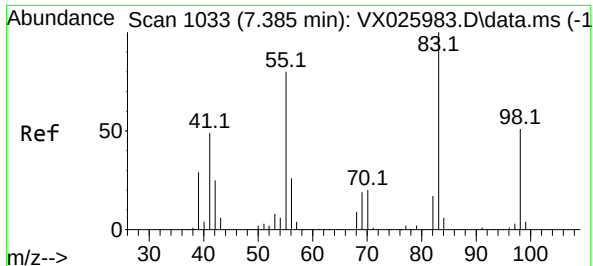
Delta R.T. 0.037 min

Lab File: VX025994.D

Acq: 24 Dec 2021 01:19

Tgt Ion: 43	Resp:	8084
Ion Ratio	Lower	Upper
43	100	
58	27.5	0.0 65.6

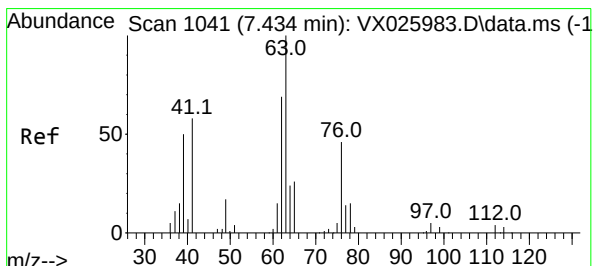
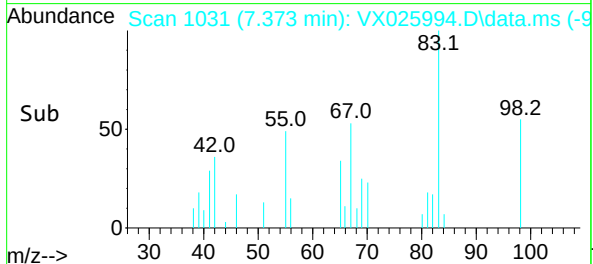
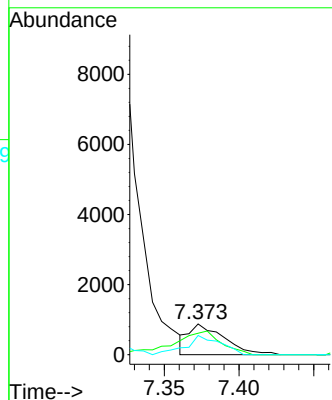
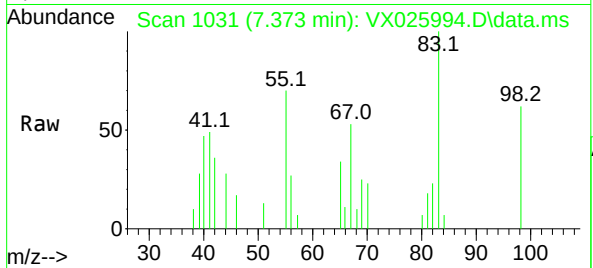




#35
Methylcyclohexane
Concen: 0.534 ug/L
RT: 7.373 min Scan# 1033
Delta R.T. -0.012 min
Lab File: VX025994.D
Acq: 24 Dec 2021 01:19

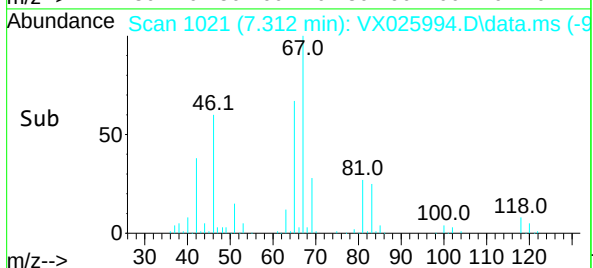
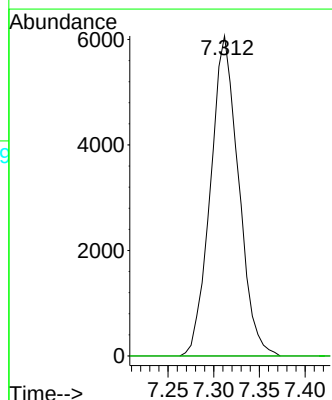
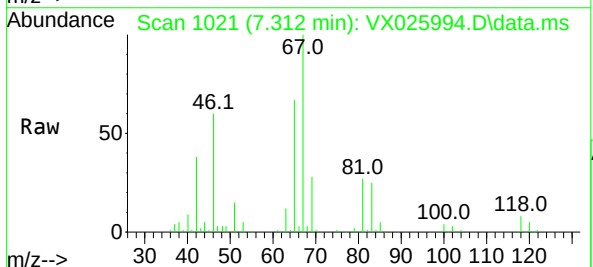
Instrument :
MSVOA_X
ClientSampleId :

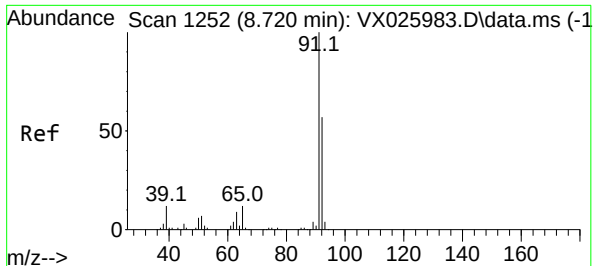
Tgt Ion: 83 Resp: 1435
Ion Ratio Lower Upper
83 100
55 93.3 57.3 85.9#
98 61.7 41.1 61.7



#37
1,2-Dichloropropane
Concen: 7.716 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX025994.D
Acq: 24 Dec 2021 01:19

Tgt Ion: 63 Resp: 12987
Ion Ratio Lower Upper
63 100
112 0.6 4.0 6.0#





#42

Toluene

Concen: 1.588 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025994.D

Acq: 24 Dec 2021 01:19

Instrument :

MSVOA_X

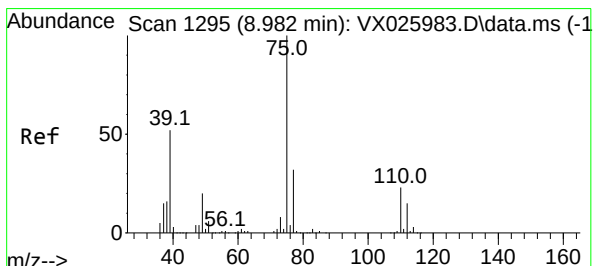
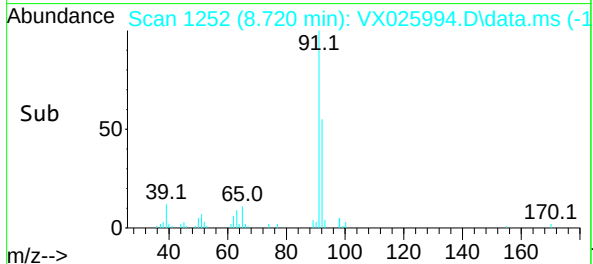
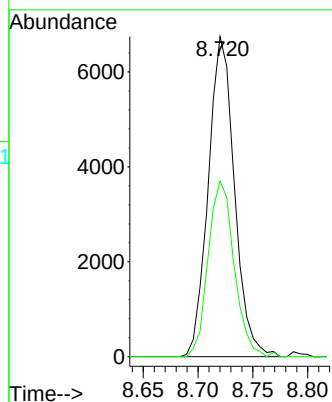
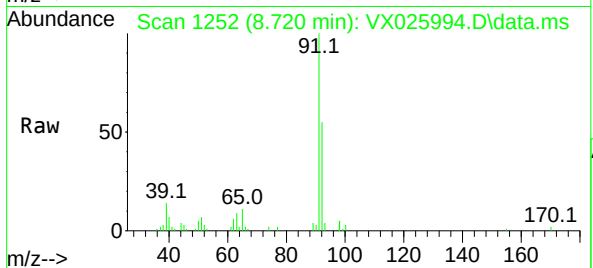
ClientSampleId :

Tgt Ion: 91 Resp: 11214

Ion Ratio Lower Upper

91 100

92 54.9 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.785 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX025994.D

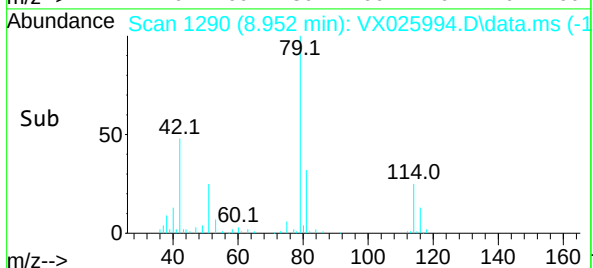
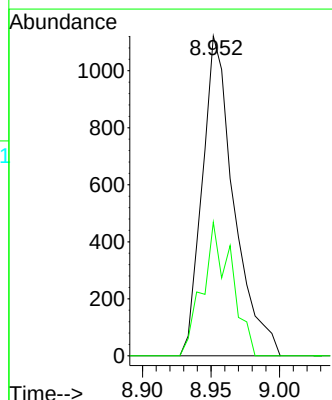
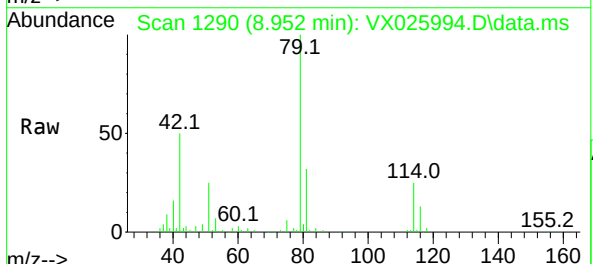
Acq: 24 Dec 2021 01:19

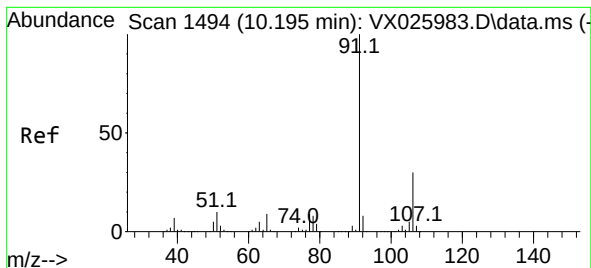
Tgt Ion: 75 Resp: 1801

Ion Ratio Lower Upper

75 100

77 41.8 23.0 42.8

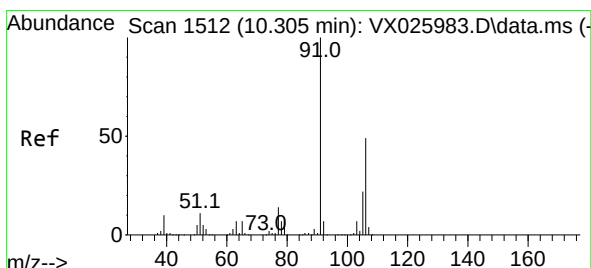
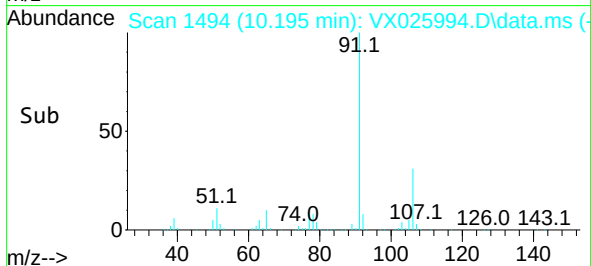
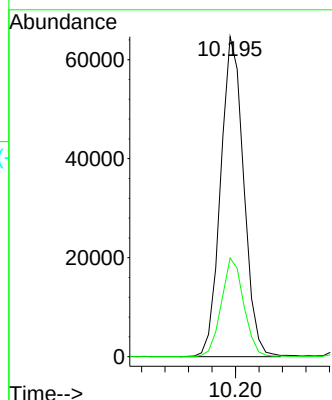
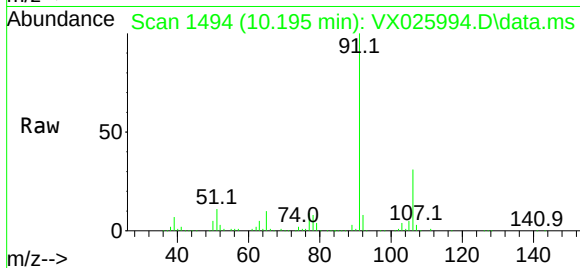




#52
Ethylbenzene
Concen: 11.519 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025994.D
Acq: 24 Dec 2021 01:19

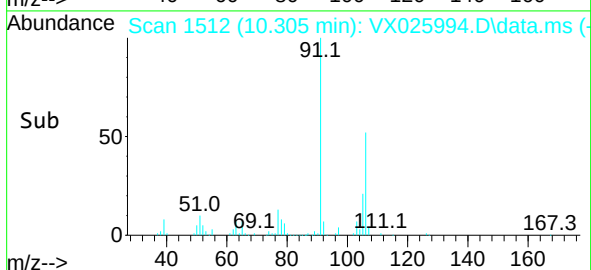
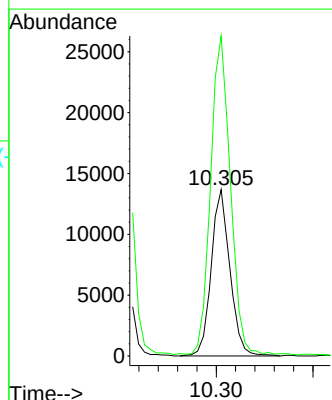
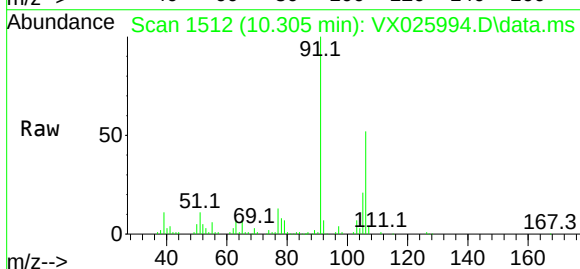
Instrument :
MSVOA_X
ClientSampleId :

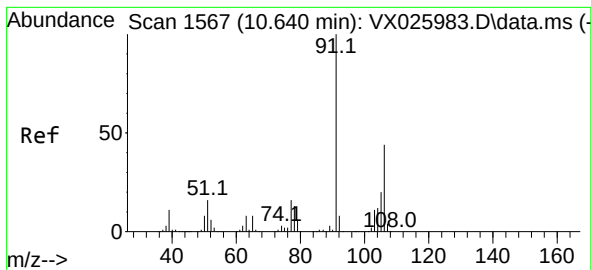
Tgt Ion: 91 Resp: 88228
Ion Ratio Lower Upper
91 100
106 30.9 23.1 42.9



#53
m,p-Xylene
Concen: 6.266 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025994.D
Acq: 24 Dec 2021 01:19

Tgt Ion: 106 Resp: 18319
Ion Ratio Lower Upper
106 100
91 192.3 136.8 254.2





#54

o-Xylene

Concen: 4.899 ug/L

RT: 10.646 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX025994.D

Acq: 24 Dec 2021 01:19

Instrument :

MSVOA_X

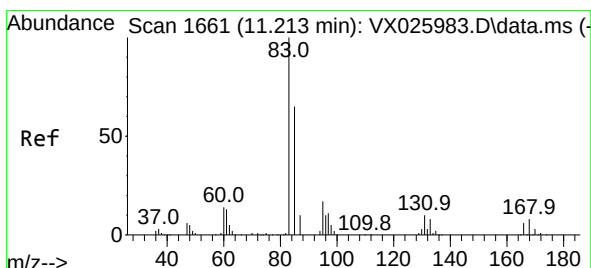
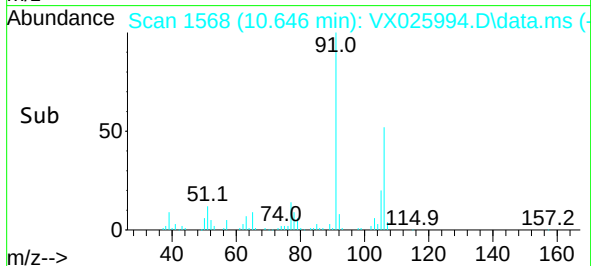
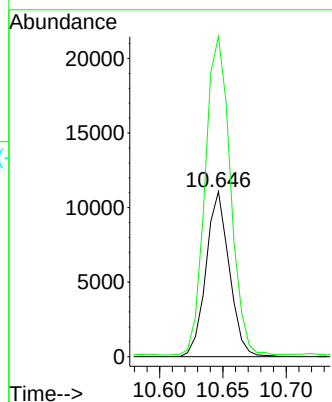
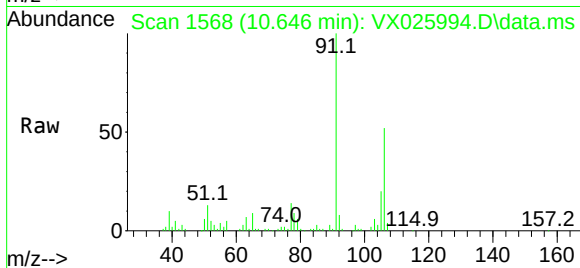
ClientSampleId :

Tgt Ion:106 Resp: 14187

Ion Ratio Lower Upper

106 100

91 193.8 140.5 260.9



#57

1,1,2,2-Tetrachloroethane

Concen: 0.666 ug/L

RT: 11.201 min Scan# 1659

Delta R.T. -0.012 min

Lab File: VX025994.D

Acq: 24 Dec 2021 01:19

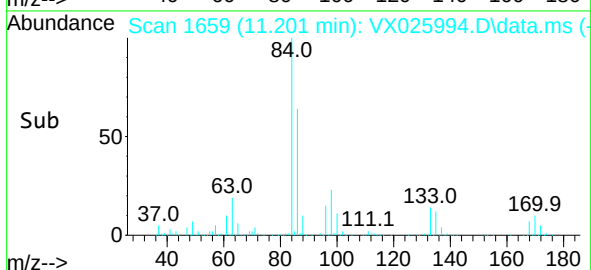
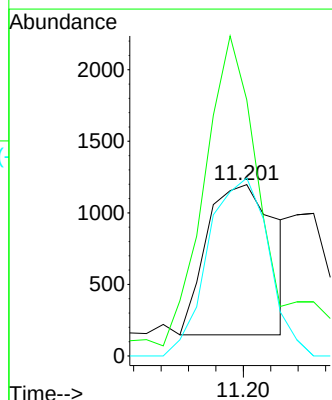
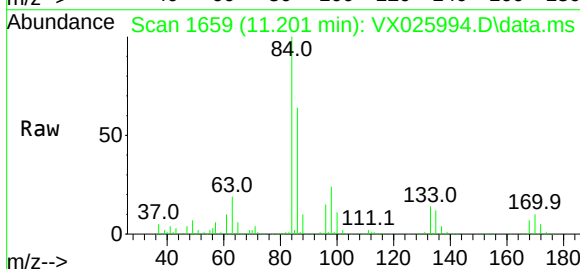
Tgt Ion: 83 Resp: 1820

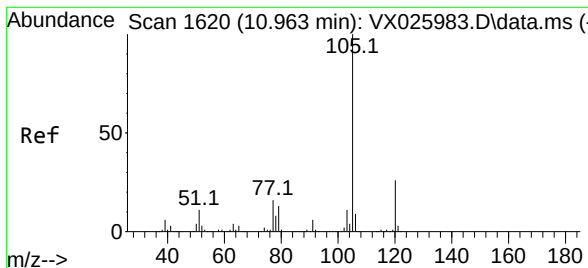
Ion Ratio Lower Upper

83 100

85 149.4 47.0 87.2#

131 103.8 8.5 12.7#





#60

Isopropylbenzene

Concen: 3.563 ug/L

RT: 11.384 min Scan# 1

Delta R.T. 0.421 min

Lab File: VX025994.D

Acq: 24 Dec 2021 01:19

Instrument :

MSVOA_X

ClientSampleId :

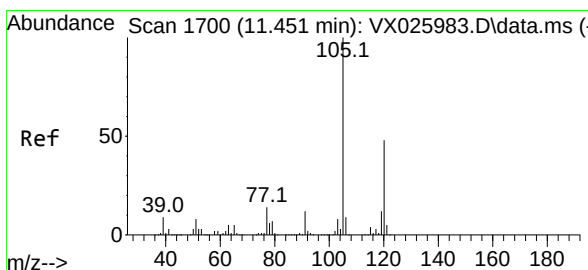
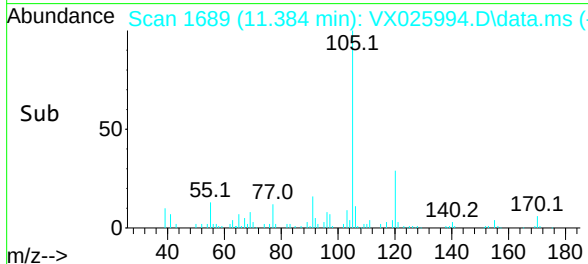
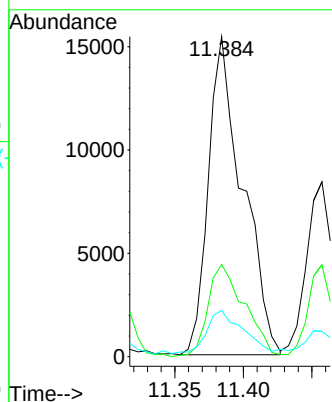
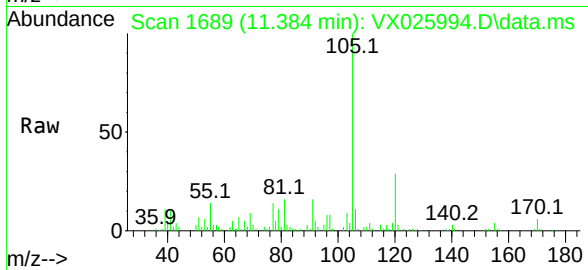
Tgt Ion:105 Resp: 26747

Ion Ratio Lower Upper

105 100

120 31.1 22.3 33.5

77 14.1 11.5 17.3



#62

1,3,5-Trimethylbenzene

Concen: 1.718 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX025994.D

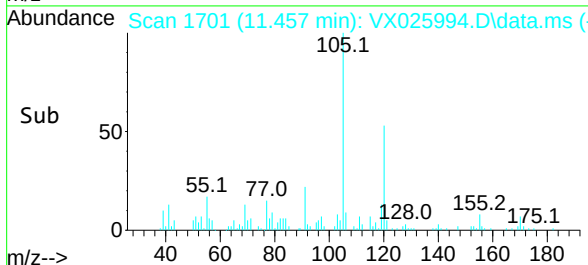
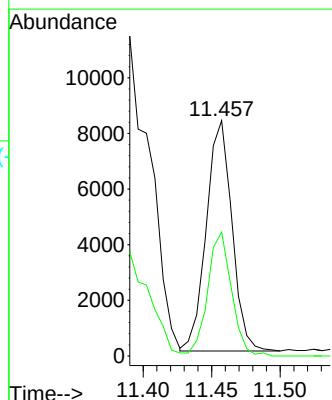
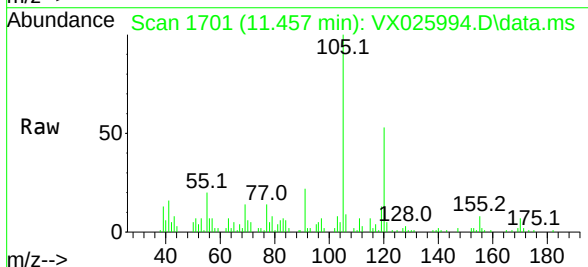
Acq: 24 Dec 2021 01:19

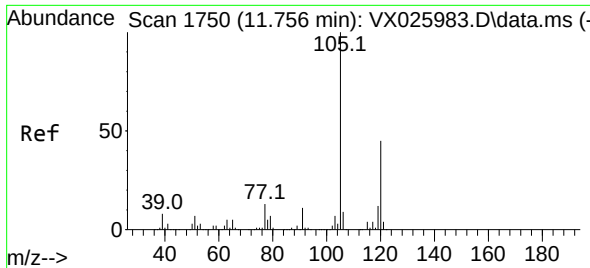
Tgt Ion:105 Resp: 10799

Ion Ratio Lower Upper

105 100

120 49.6 41.0 61.4

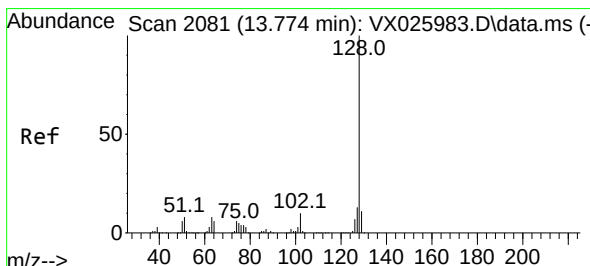
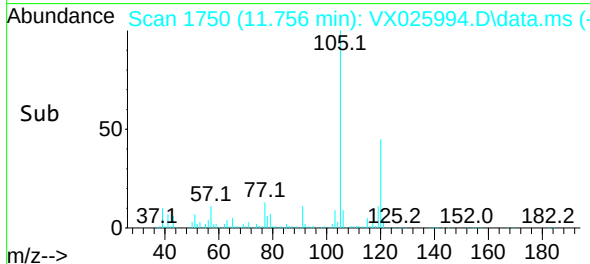
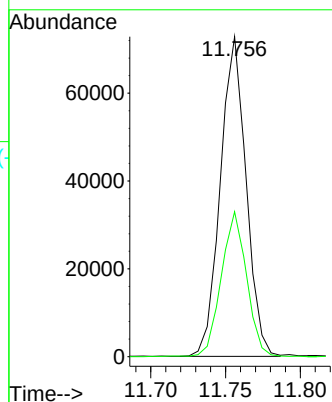
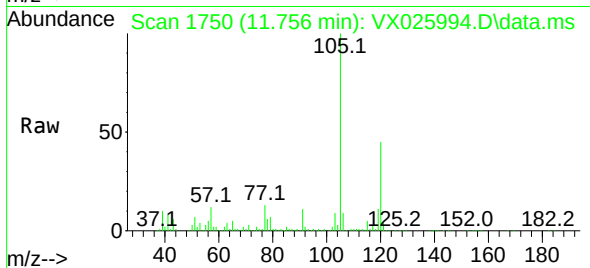




#63
1,2,4-Trimethylbenzene
Concen: 13.815 ug/L
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025994.D
Acq: 24 Dec 2021 01:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 86996
Ion Ratio Lower Upper
105 100
120 44.5 0.1 0.1#



#71
Naphthalene
Concen: 68.251 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX025994.D
Acq: 24 Dec 2021 01:19

Tgt Ion:128 Resp: 516709
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.0 8.7 13.1

