

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024652.D
 Acq On : 07 Oct 2021 17:47
 Operator : JC/MD
 Sample : M4000-21ME
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW914ME

Quant Time: Oct 07 23:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	243046	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	234012	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	138001	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67155	44.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.260%
7) Chloroethane-d5	1.648	69	24083	24.312	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.620%#
11) 1,1-Dichloroethene-d2	2.264	63	91904	31.105	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.220%
21) 2-Butanone-d5	4.513	46	77560	62.691	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.690%
24) Chloroform-d	5.062	84	140283	46.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
26) 1,2-Dichloroethane-d4	5.958	65	103009	47.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
32) Benzene-d6	5.970	84	290061	44.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	7.312	67	90211	43.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.500%
41) Toluene-d8	8.653	98	298683	46.505	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.020%
43) trans-1,3-Dichloroprop...	8.958	79	50882	49.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.620%
47) 2-Hexanone-d5	9.403	63	99597	102.896	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.900%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	205219	72.271	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	144.540%#
66) 1,2-Dichlorobenzene-d4	12.323	152	133678	49.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.264	96	1003	0.718	ug/L #	1
15) Methyl Acetate	2.660	43	1575	0.808	ug/L	97
16) Methylene chloride	2.776	84	2579	1.535	ug/L #	60
29) Cyclohexane	5.458	56	251421	86.561	ug/L #	79
34) Trichloroethene	7.129	95	10811	5.432	ug/L	98
35) Methylcyclohexane	7.379	83	1309375	413.810	ug/L	93
39) cis-1,3-Dichloropropene	8.330	75	2867	1.004	ug/L #	1
40) 4-Methyl-2-pentanone	8.598	43	86850	29.970	ug/L #	43
42) Toluene	8.720	91	8850	1.097	ug/L	93
50) 1,2-Dibromoethane	9.610	107	1591	0.796	ug/L #	1
52) Ethylbenzene	10.201	91	190695	22.946	ug/L	96
53) m,p-Xylene	10.305	106	6740	2.076	ug/L #	22
54) o-Xylene	10.646	106	5608	1.729	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.226	83	130545	44.606	ug/L #	34
60) Isopropylbenzene	11.616	105	300054	31.574	ug/L	93
62) 1,3,5-Trimethylbenzene	11.457	105	78495	9.404	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	8254	1.012	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.920	75	1253	1.646	ug/L #	41
71) Naphthalene	13.780	128	228656	25.432	ug/L #	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024652.D
 Acq On : 07 Oct 2021 17:47
 Operator : JC/MD
 Sample : M4000-21ME
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW914ME

Quant Time: Oct 07 23:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

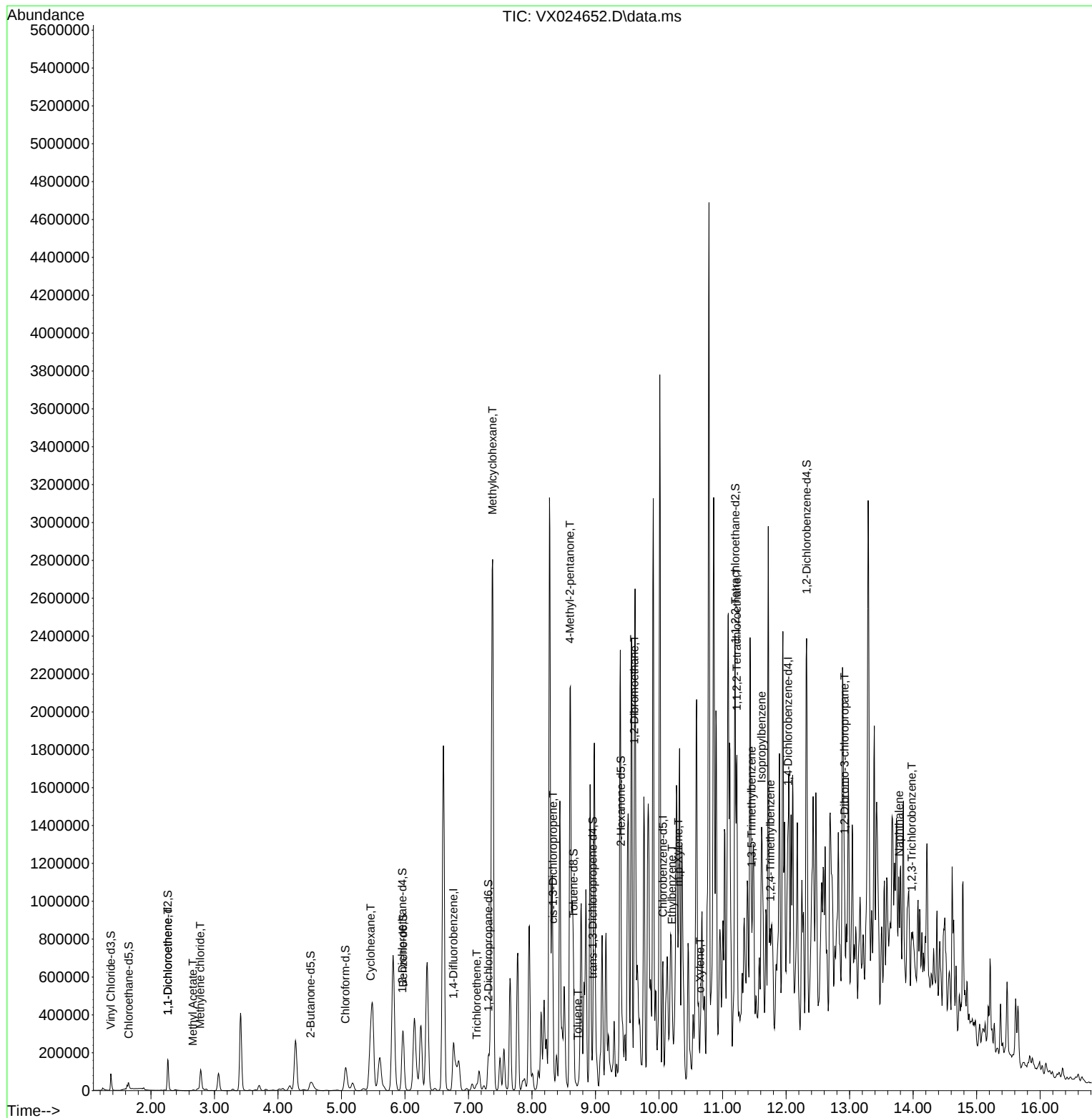
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.981	180	5641	2.030	ug/L	# 1

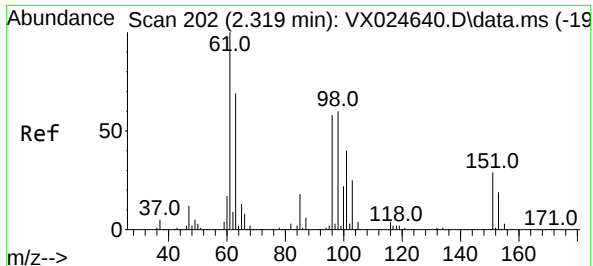
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024652.D
Acq On : 07 Oct 2021 17:47
Operator : JC/MD
Sample : M4000-21ME
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW914ME

Quant Time: Oct 07 23:09:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.718 ug/L

RT: 2.264 min Scan# 193

Delta R.T. -0.055 min

Lab File: VX024652.D

Acq: 07 Oct 2021 17:47

Tgt Ion: 96 Resp: 1003

Ion Ratio Lower Upper

96 100

61 1392.7 115.5 214.5#

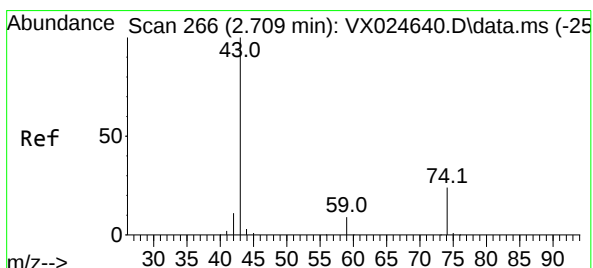
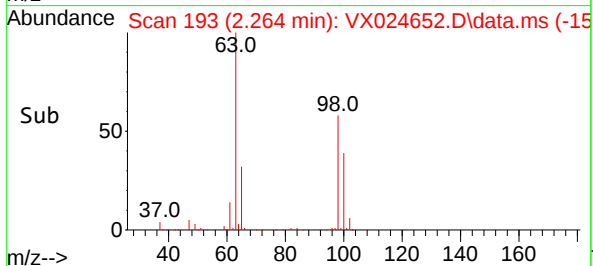
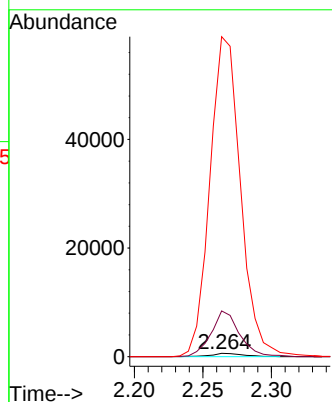
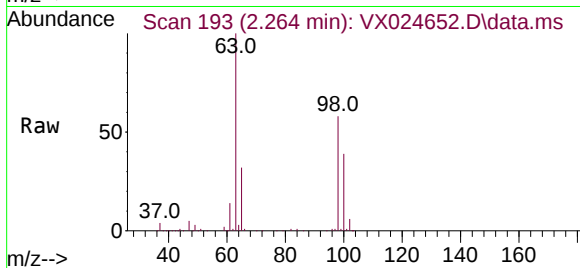
63 9722.8 77.3 143.7#

Instrument :

MSVOA_X

ClientSampleId :

EW914ME



#15

Methyl Acetate

Concen: 0.808 ug/L

RT: 2.660 min Scan# 258

Delta R.T. -0.049 min

Lab File: VX024652.D

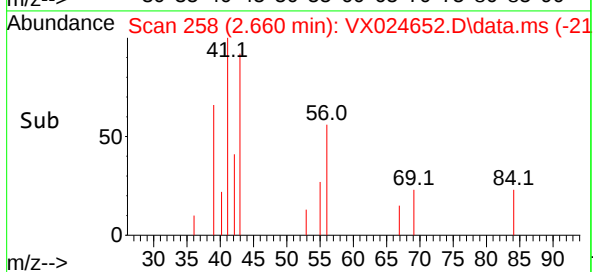
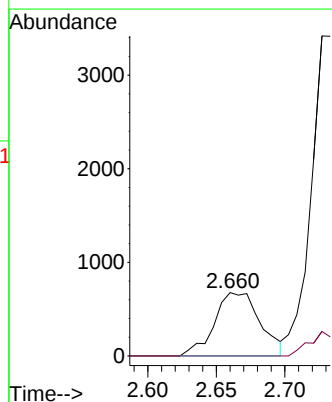
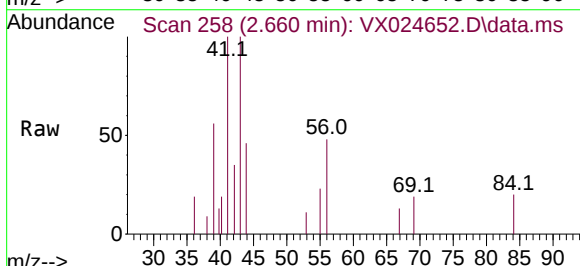
Acq: 07 Oct 2021 17:47

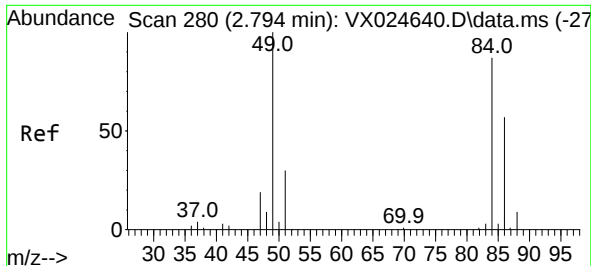
Tgt Ion: 43 Resp: 1575

Ion Ratio Lower Upper

43 100

74 25.5 21.7 32.5

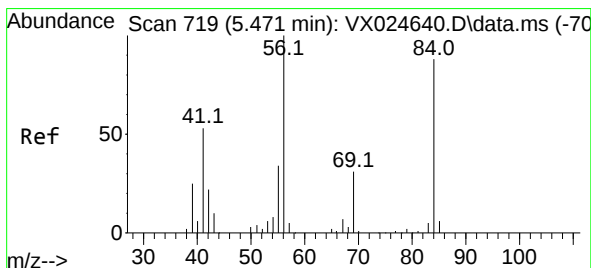
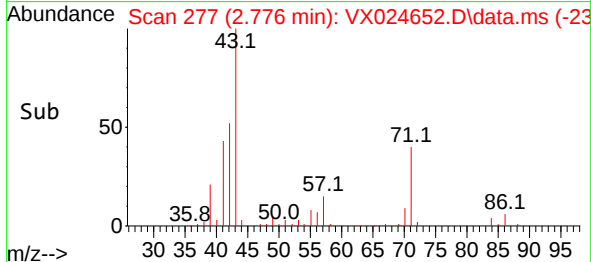
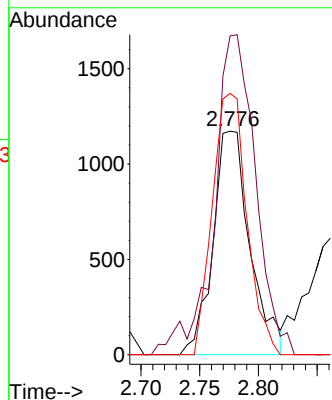
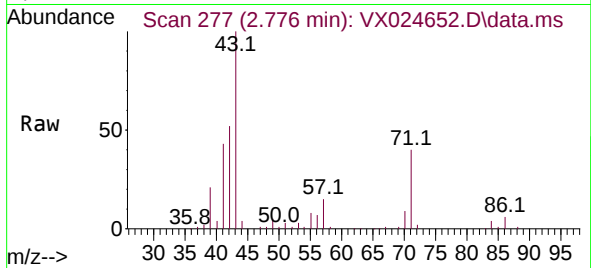




#16
Methylene chloride
Concen: 1.535 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.018 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

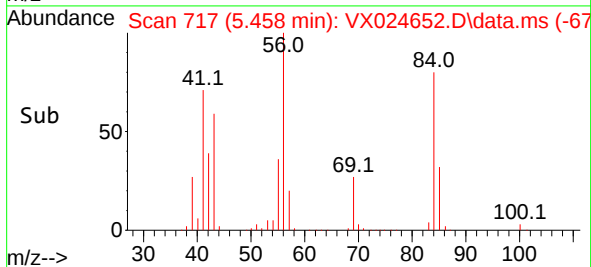
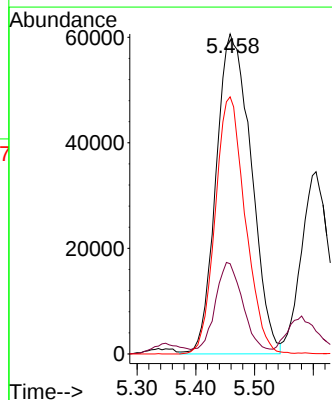
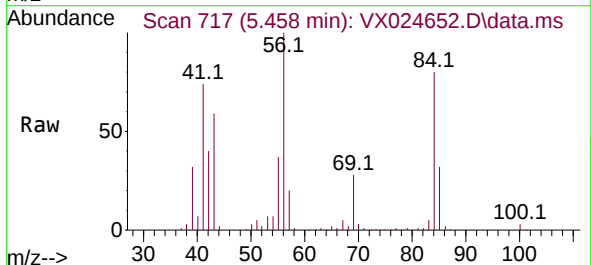
Instrument :
MSVOA_X
ClientSampled :
EW914ME

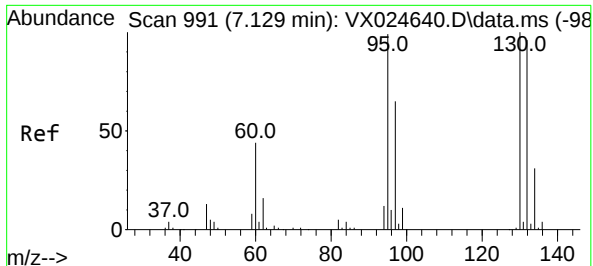
Tgt Ion: 84 Resp: 2579
Ion Ratio Lower Upper
84 100
86 142.5 44.2 82.0#
49 116.9 77.8 144.6



#29
Cyclohexane
Concen: 86.561 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion: 56 Resp: 251421
Ion Ratio Lower Upper
56 100
69 23.2 25.7 38.5#
84 68.8 72.4 108.6#



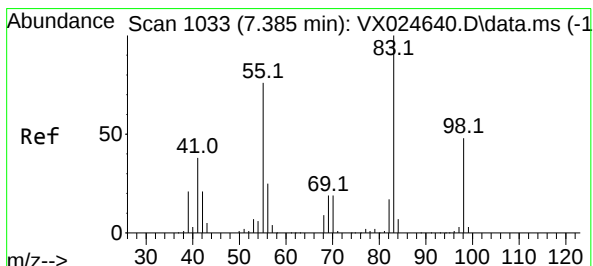
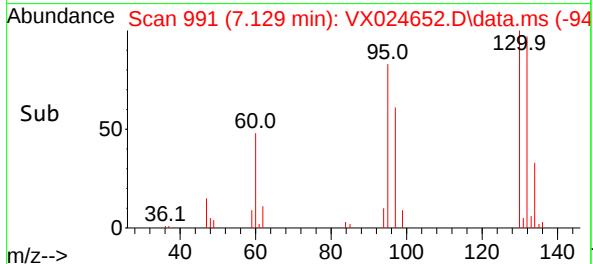
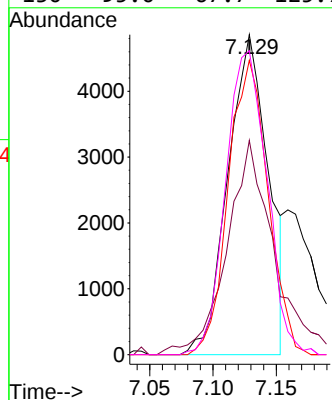
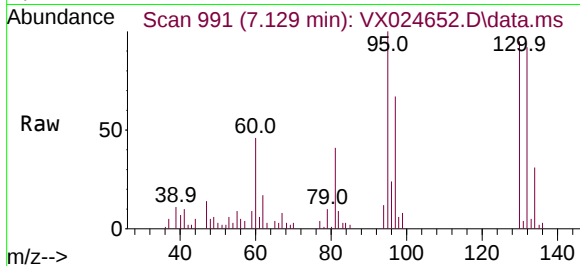


#34
Trichloroethene
Concen: 5.432 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
EW914ME

Tgt Ion: 95 Resp: 10811

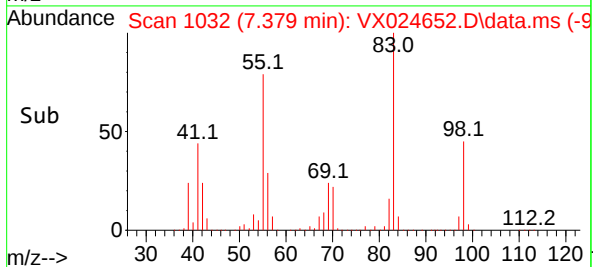
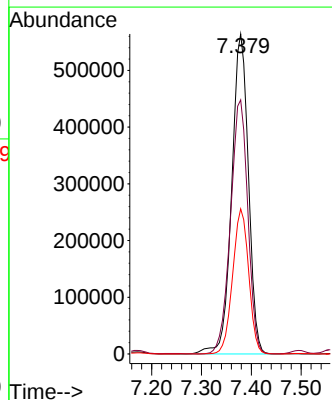
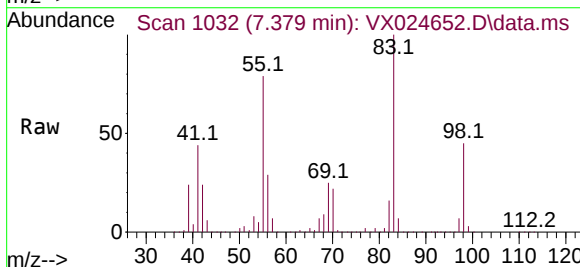
Ion	Ratio	Lower	Upper
95	100		
97	67.0	44.5	82.7
132	92.0	65.2	121.0
130	95.0	67.7	125.7

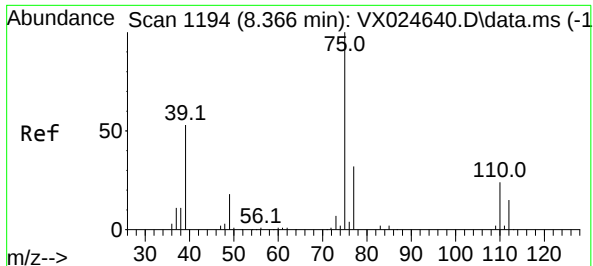


#35
Methylcyclohexane
Concen: 413.810 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion: 83 Resp: 1309375

Ion	Ratio	Lower	Upper
83	100		
55	82.6	61.2	91.8
98	43.6	38.7	58.1

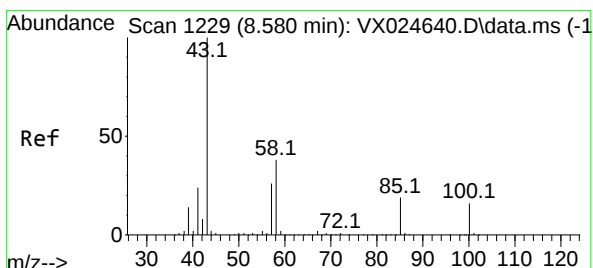
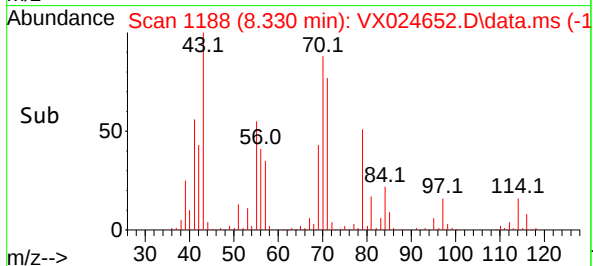
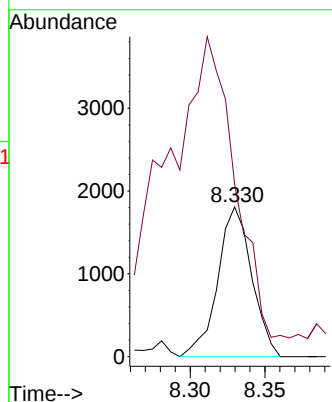
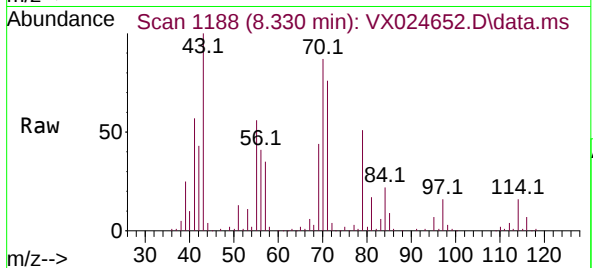




#39
 cis-1,3-Dichloropropene
 Concen: 1.004 ug/L
 RT: 8.330 min Scan# 1188
 Delta R.T. -0.037 min
 Lab File: VX024652.D
 Acq: 07 Oct 2021 17:47

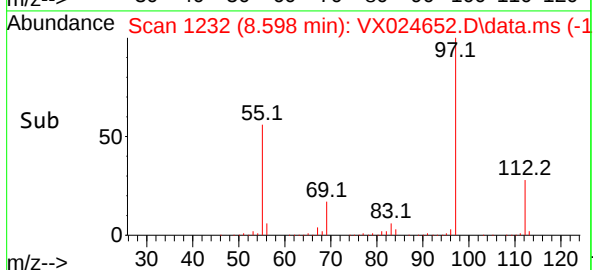
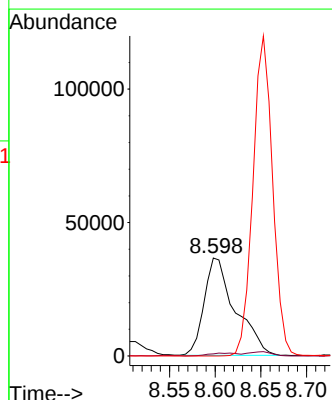
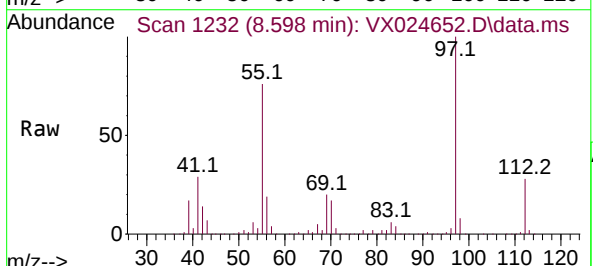
Instrument :
 MSVOA_X
 ClientSampleId :
 EW914ME

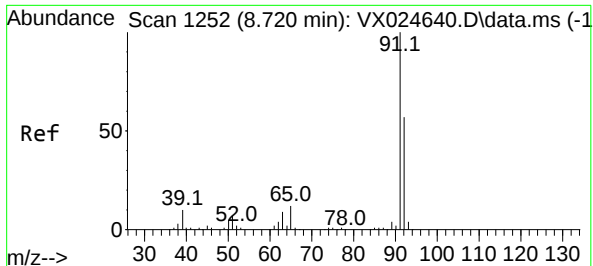
Tgt Ion: 75 Resp: 2867
 Ion Ratio Lower Upper
 75 100
 77 115.5 22.7 42.3#



#40
 4-Methyl-2-pentanone
 Concen: 29.970 ug/L
 RT: 8.598 min Scan# 1232
 Delta R.T. 0.018 min
 Lab File: VX024652.D
 Acq: 07 Oct 2021 17:47

Tgt Ion: 43 Resp: 86850
 Ion Ratio Lower Upper
 43 100
 58 2.8 35.0 52.4#
 100 0.0 14.2 21.4#

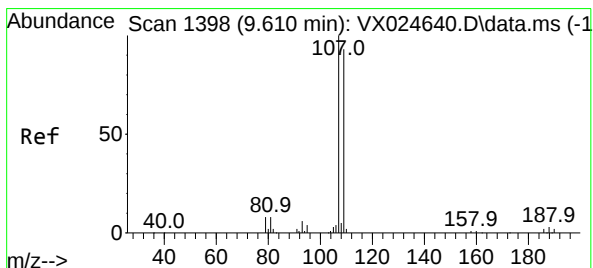
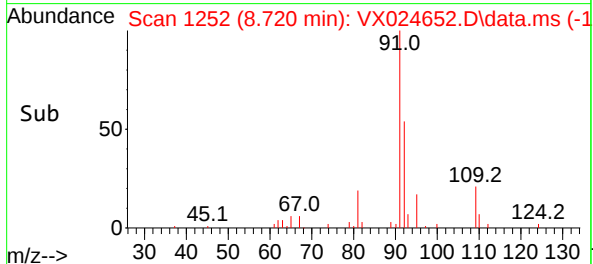
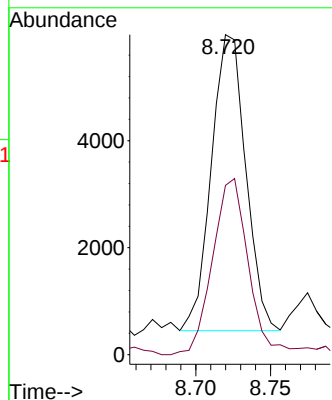
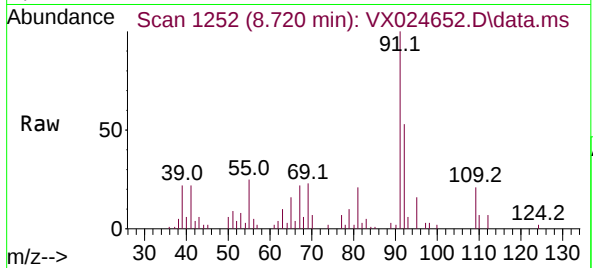




#42
Toluene
Concen: 1.097 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

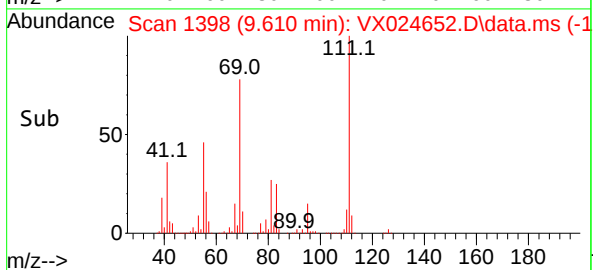
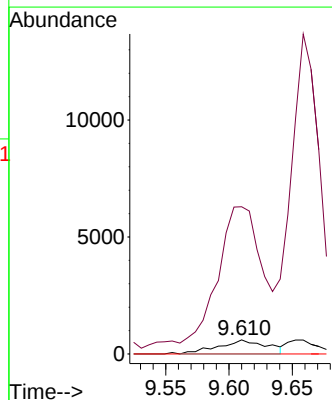
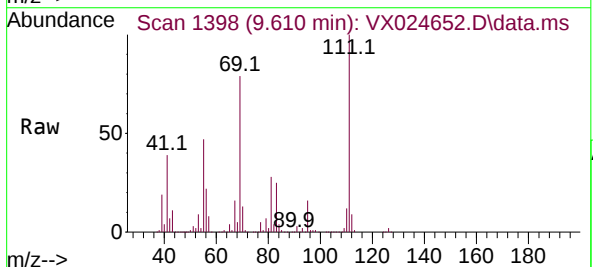
Instrument :
MSVOA_X
ClientSampled :
EW914ME

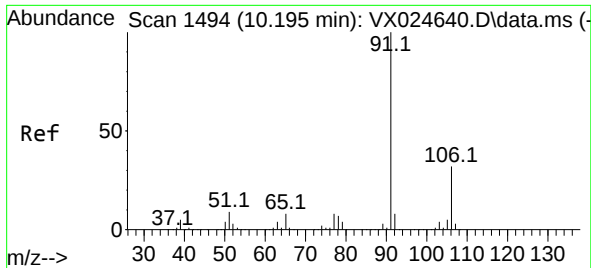
Tgt Ion: 91 Resp: 8850
Ion Ratio Lower Upper
91 100
92 52.9 40.5 75.1



#50
1,2-Dibromoethane
Concen: 0.796 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion:107 Resp: 1591
Ion Ratio Lower Upper
107 100
109 1048.7 66.4 123.4#
188 0.0 3.2 4.8#

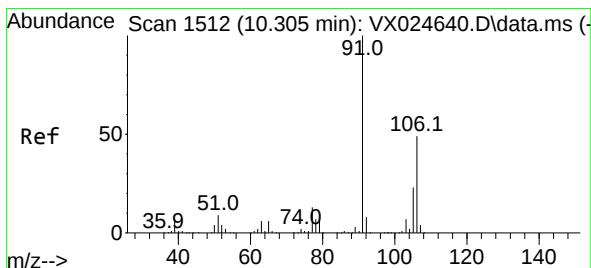
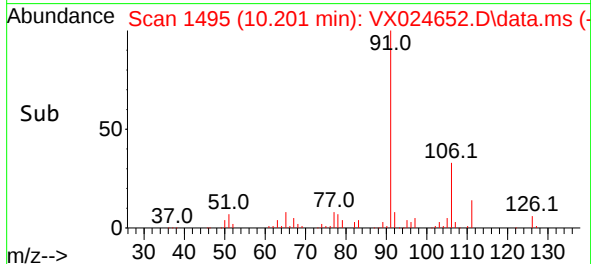
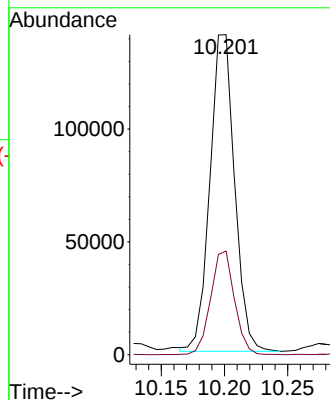
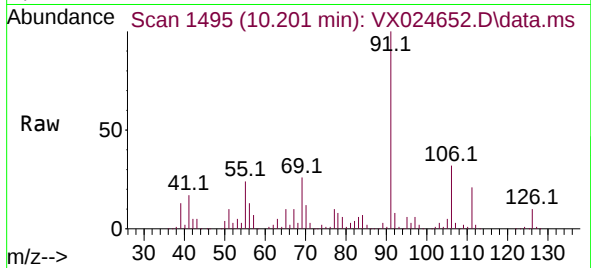




#52
Ethylbenzene
Concen: 22.946 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

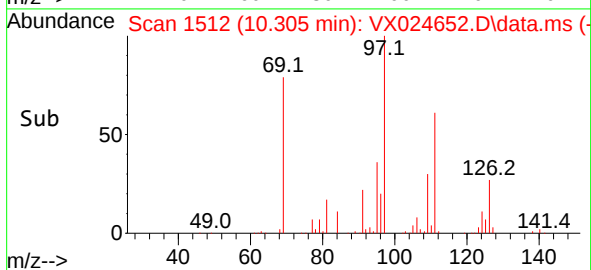
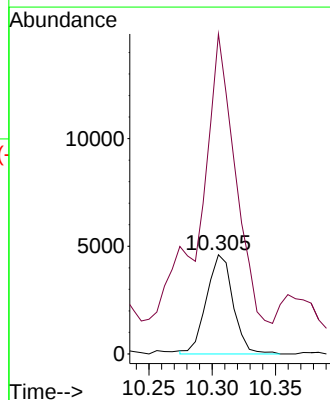
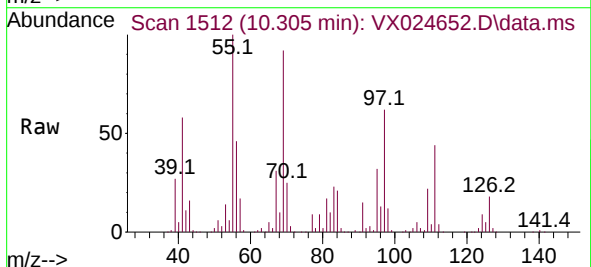
Instrument :
MSVOA_X
ClientSampleId :
EW914ME

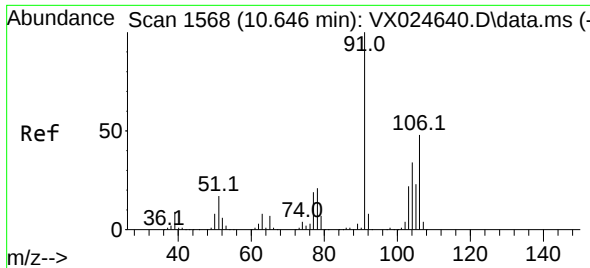
Tgt Ion: 91 Resp: 190695
Ion Ratio Lower Upper
91 100
106 32.4 21.0 39.0



#53
m,p-Xylene
Concen: 2.076 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion: 106 Resp: 6740
Ion Ratio Lower Upper
106 100
91 322.7 142.5 264.6#

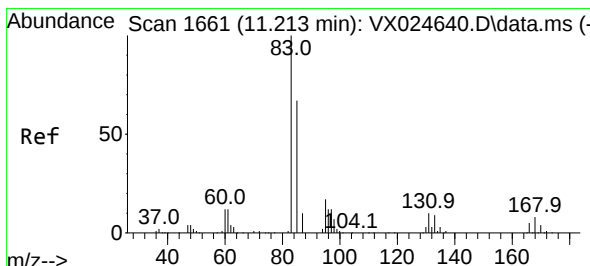
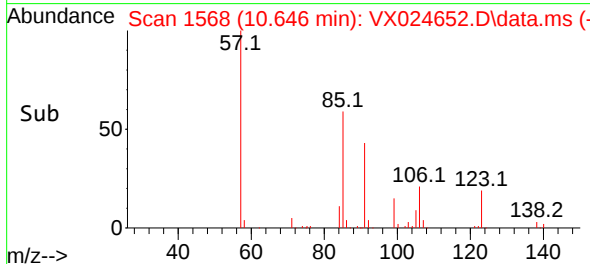
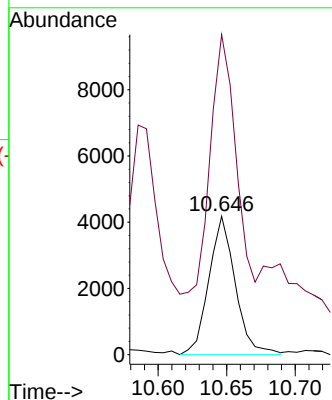
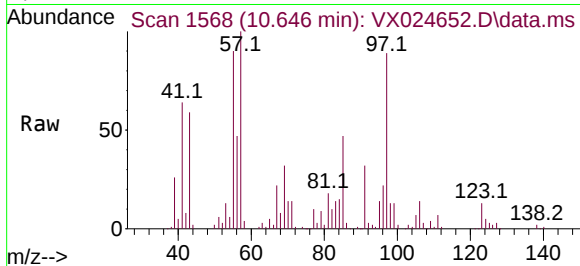




#54
o-Xylene
Concen: 1.729 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

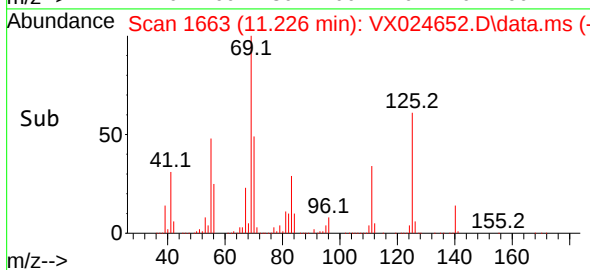
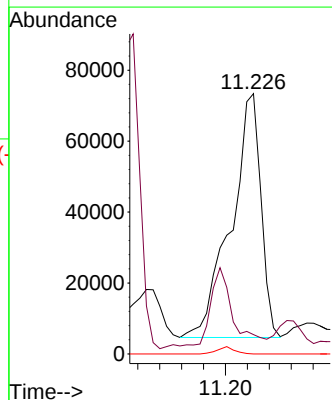
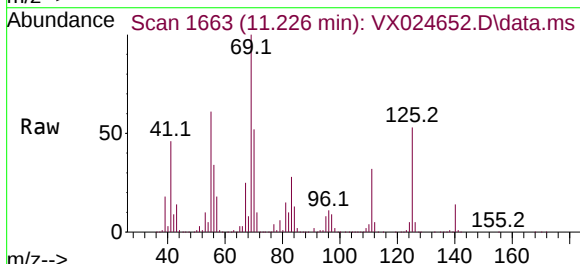
Instrument :
MSVOA_X
ClientSampleId :
EW914ME

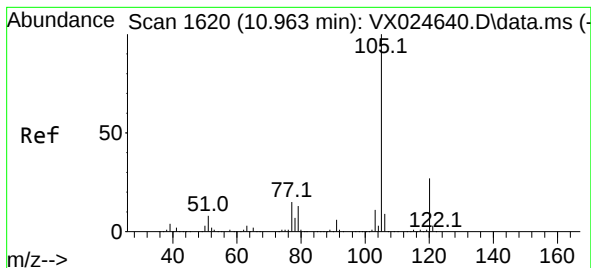
Tgt Ion:106 Resp: 5608
Ion Ratio Lower Upper
106 100
91 231.3 156.2 290.0



#57
1,1,2,2-Tetrachloroethane
Concen: 44.606 ug/L
RT: 11.226 min Scan# 1663
Delta R.T. 0.012 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion: 83 Resp: 130545
Ion Ratio Lower Upper
83 100
85 7.5 44.7 82.9#
131 0.0 7.8 11.8#





#60

Isopropylbenzene

Concen: 31.574 ug/L

RT: 11.616 min Scan# 1727

Delta R.T. 0.652 min

Lab File: VX024652.D

Acq: 07 Oct 2021 17:47

Tgt Ion:105 Resp: 300054

Ion Ratio Lower Upper

105 100

120 31.2 21.2 31.8

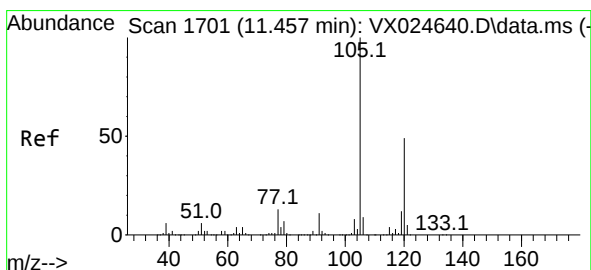
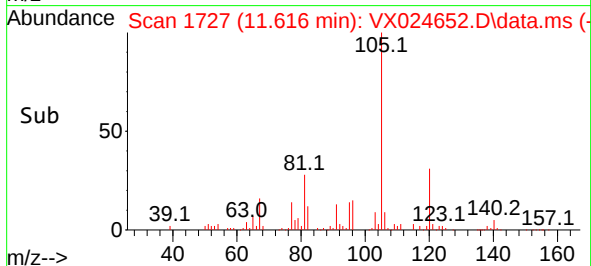
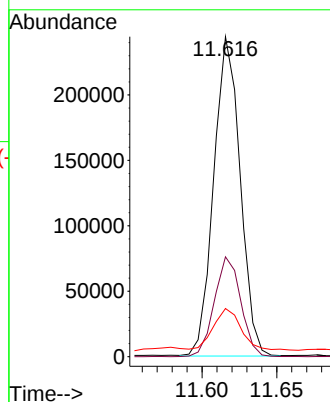
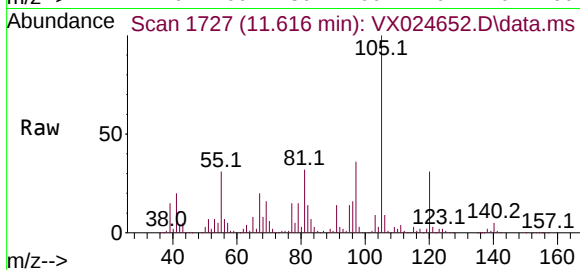
77 13.9 12.6 18.8

Instrument :

MSVOA_X

ClientSampleId :

EW914ME



#62

1,3,5-Trimethylbenzene

Concen: 9.404 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VX024652.D

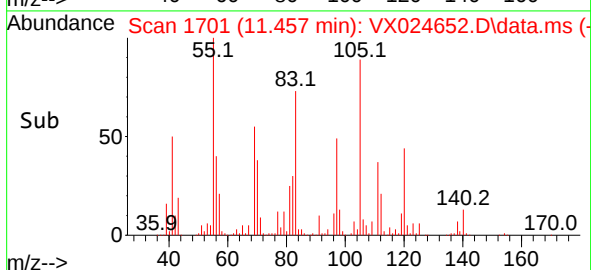
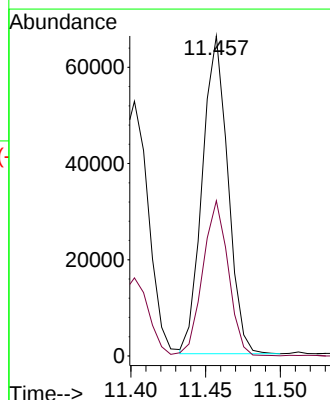
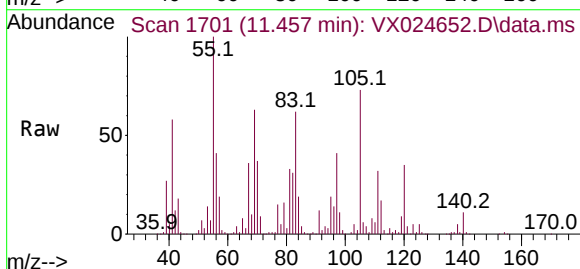
Acq: 07 Oct 2021 17:47

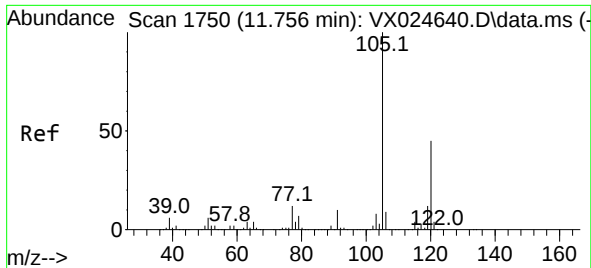
Tgt Ion:105 Resp: 78495

Ion Ratio Lower Upper

105 100

120 48.4 38.0 57.0

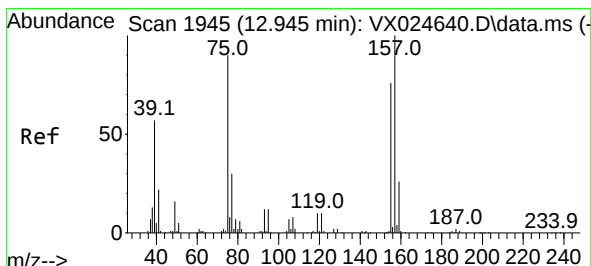
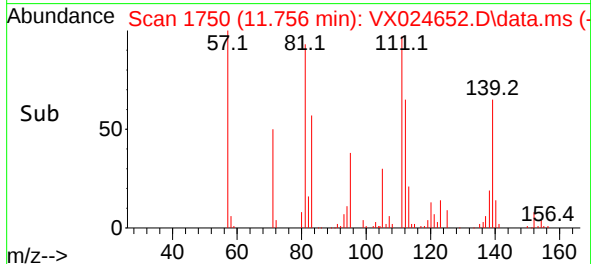
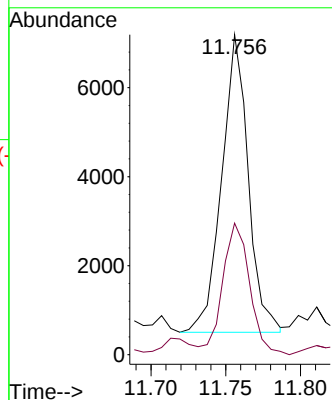
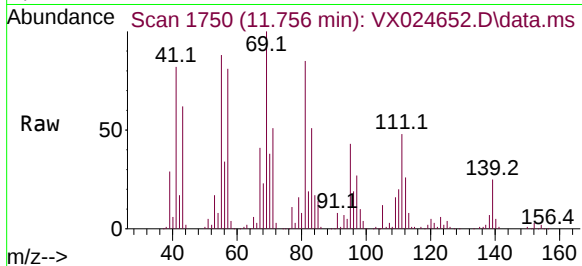




#63
1,2,4-Trimethylbenzene
Concen: 1.012 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

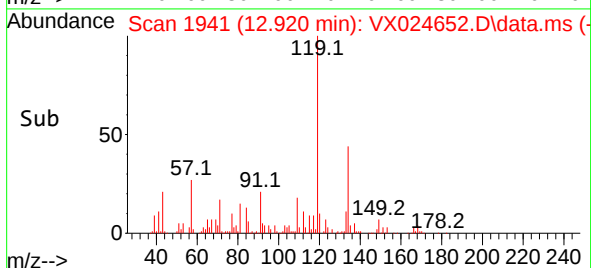
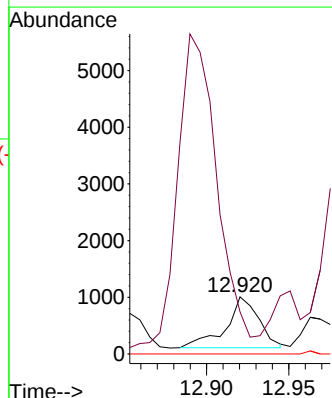
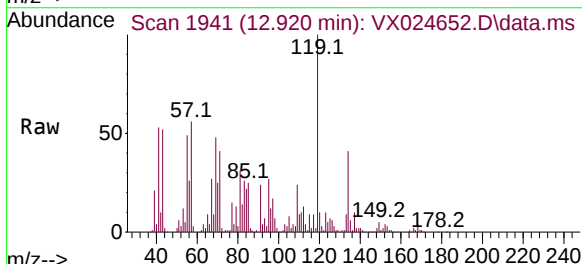
Instrument :
MSVOA_X
ClientSampleId :
EW914ME

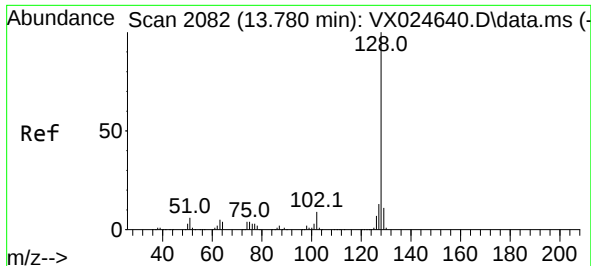
Tgt Ion:105 Resp: 8254
Ion Ratio Lower Upper
105 100
120 44.9 36.4 54.6



#68
1,2-Dibromo-3-chloropropane
Concen: 1.646 ug/L
RT: 12.920 min Scan# 1941
Delta R.T. -0.024 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion: 75 Resp: 1253
Ion Ratio Lower Upper
75 100
155 73.7 65.3 97.9
157 0.0 80.5 120.7#

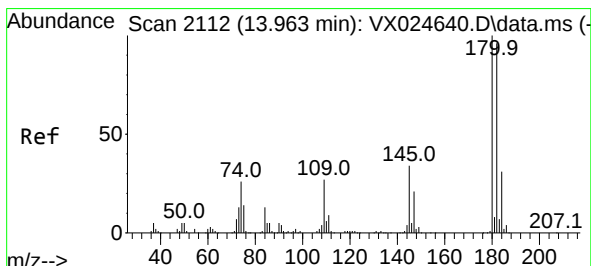
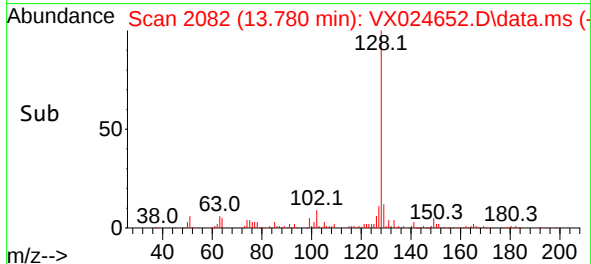
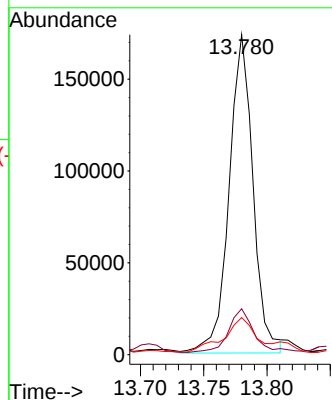
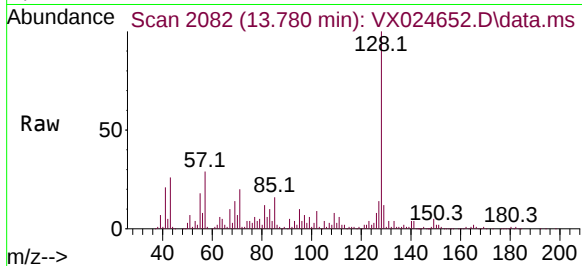




#71
Naphthalene
Concen: 25.432 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
EW914ME

Tgt Ion:128 Resp: 228656
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 14.3 8.6 13.0#



#72
1,2,3-Trichlorobenzene
Concen: 2.030 ug/L
RT: 13.981 min Scan# 2115
Delta R.T. 0.018 min
Lab File: VX024652.D
Acq: 07 Oct 2021 17:47

Tgt Ion:180 Resp: 5641
Ion Ratio Lower Upper
180 100
182 17.4 74.6 112.0#
145 1777.2 25.6 38.4#

