

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025996.D
 Acq On : 24 Dec 2021 02:06
 Operator : JC/MD
 Sample : M5153-05ME
 Misc : 5.90g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 06:49:35 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	242708	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114787	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	87129	50.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.240%
7) Chloroethane-d5	1.648	69	31716	23.058	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.120%#
11) 1,1-Dichloroethene-d2	2.276	63	141005	41.342	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.680%
21) 2-Butanone-d5	4.501	46	125653	84.206	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.210%
24) Chloroform-d	5.068	84	166510	48.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	5.958	65	118227	50.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.400%
32) Benzene-d6	5.971	84	355702	55.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.800%
36) 1,2-Dichloropropane-d6	7.312	67	108376	54.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.580%
41) Toluene-d8	8.653	98	321683	54.146	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.300%
43) trans-1,3-Dichloroprop...	8.952	79	30195	35.088	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.180%
47) 2-Hexanone-d5	9.409	63	121442	118.967	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.970%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	148674	50.977	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	12.323	152	129230	59.578	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.160%

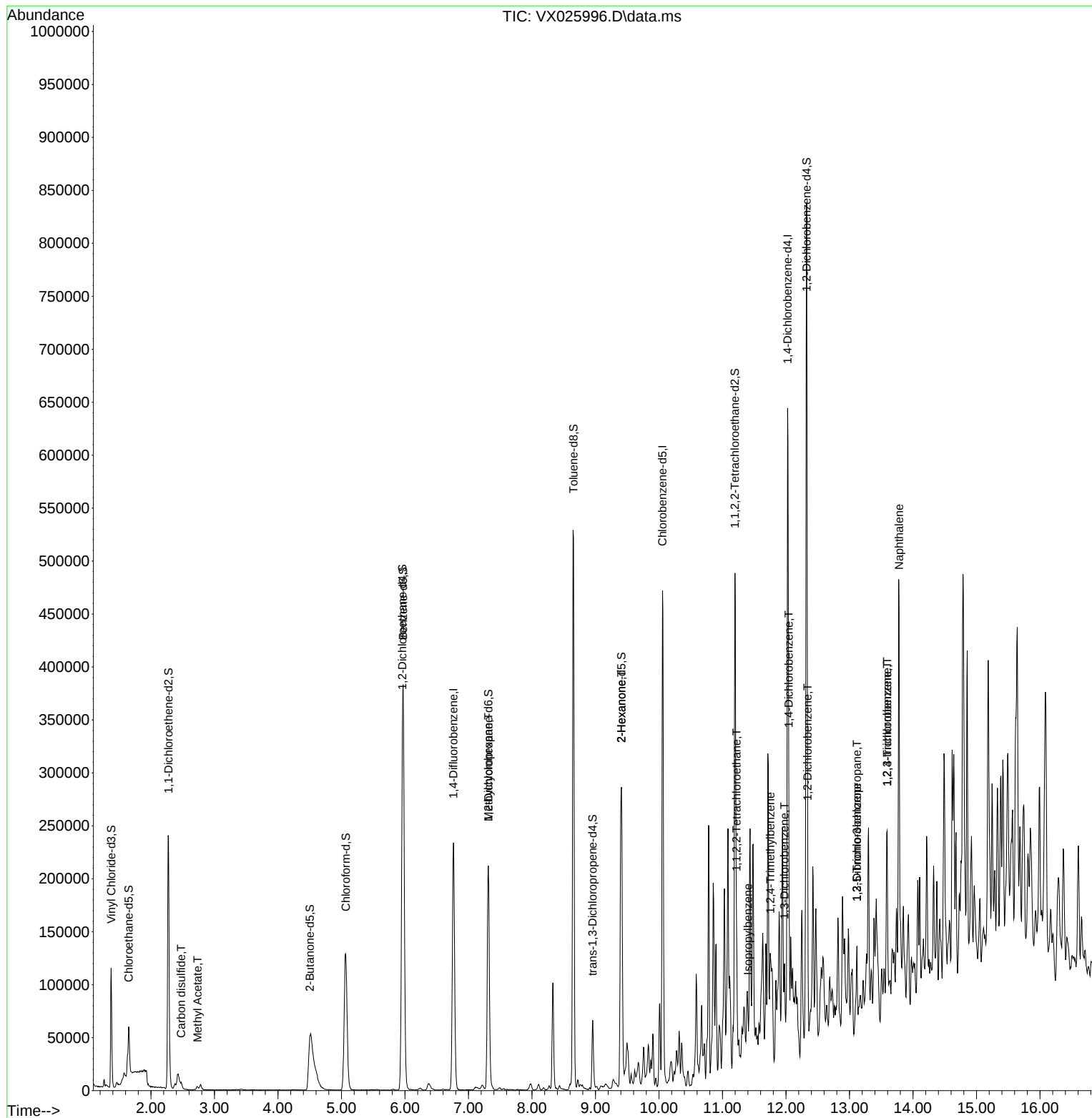
Target Compounds				Qvalue		
14) Carbon disulfide	2.477	76	3164	0.702	ug/L	97
15) Methyl Acetate	2.733	43	4526	2.013	ug/L #	92
35) Methylcyclohexane	7.312	83	25821	9.085	ug/L #	19
48) 2-Hexanone	9.409	43	18828	8.264	ug/L #	62
57) 1,1,2,2-Tetrachloroethane	11.220	83	8465	2.927	ug/L #	44
60) Isopropylbenzene	11.403	105	9046	1.147	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	11723	1.772	ug/L #	81
64) 1,3-Dichlorobenzene	11.976	146	3384	0.962	ug/L #	37
65) 1,4-Dichlorobenzene	12.043	146	21662	6.114	ug/L #	86
67) 1,2-Dichlorobenzene	12.341	146	23901	6.870	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.116	75	1796	2.972	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.116	180	6933	2.935	ug/L #	97
70) 1,2,4-trichlorobenzene	13.591	180	23340	11.095	ug/L #	88
71) Naphthalene	13.780	128	236273	29.710	ug/L	98
72) 1,2,3-Trichlorobenzene	13.591	180	22285	10.258	ug/L	99

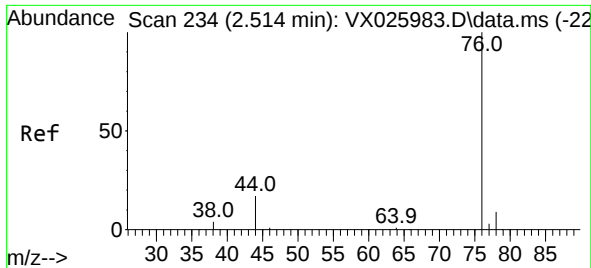
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

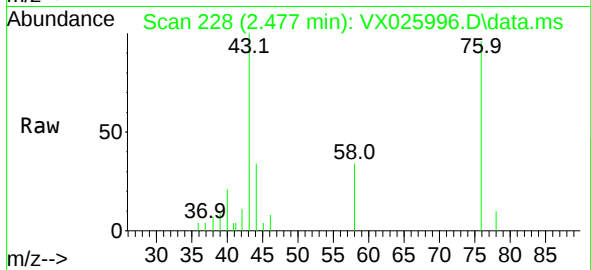
Quant Time: Dec 24 06:49:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration



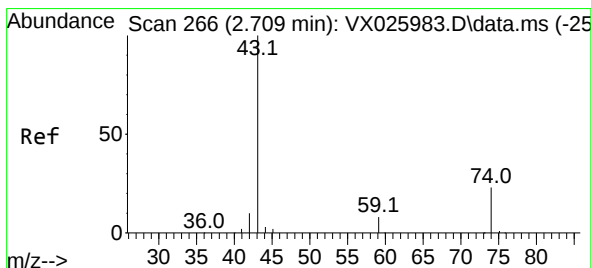
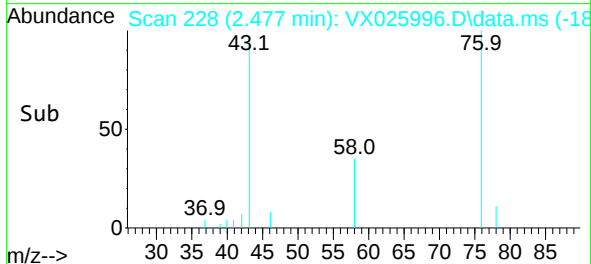
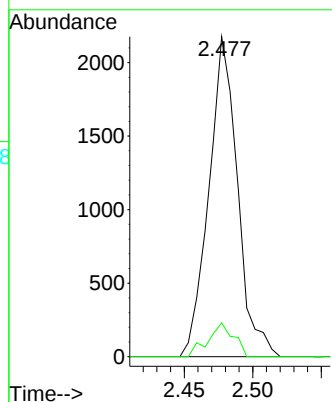


#14
Carbon disulfide
Concen: 0.702 ug/L
RT: 2.477 min Scan# 21
Delta R.T. -0.036 min
Lab File: VX025996.D
Acq: 24 Dec 2021 02:06

Instrument :
MSVOA_X
ClientSampleId :

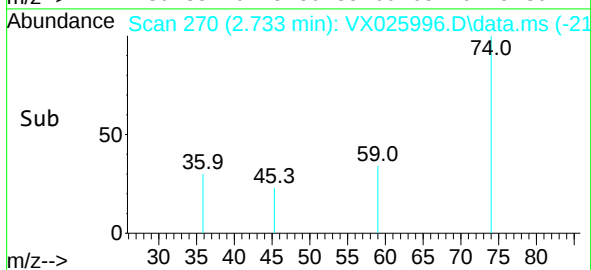
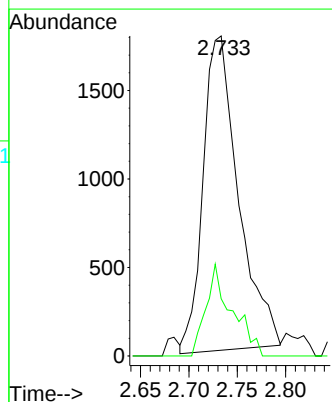
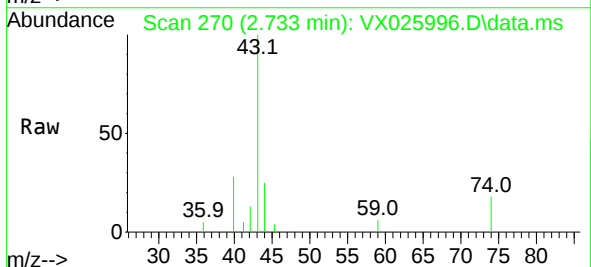


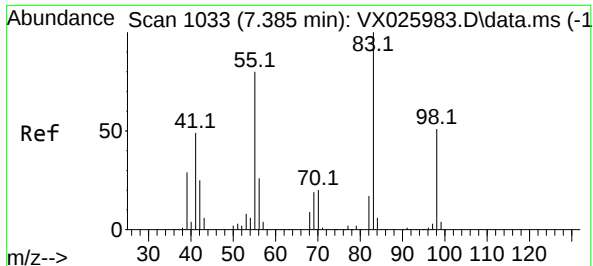
Tgt Ion: 76 Resp: 3164
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.2



#15
Methyl Acetate
Concen: 2.013 ug/L
RT: 2.733 min Scan# 270
Delta R.T. 0.024 min
Lab File: VX025996.D
Acq: 24 Dec 2021 02:06

Tgt Ion: 43 Resp: 4526
Ion Ratio Lower Upper
43 100
74 18.1 0.1 0.1#

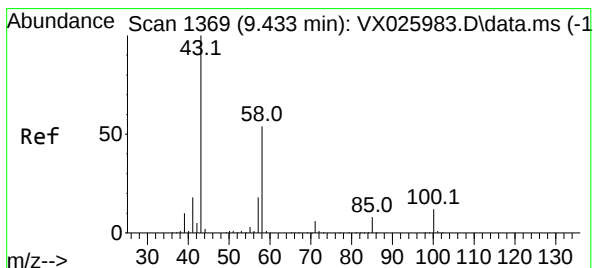
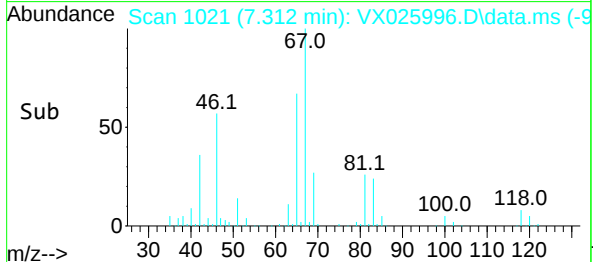
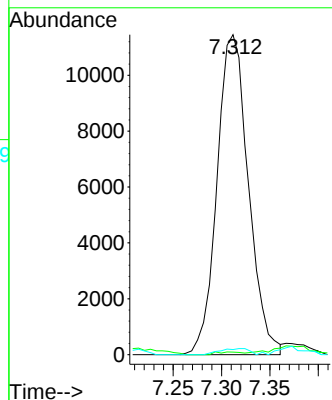
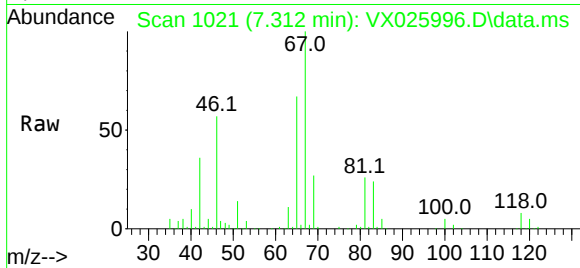




#35
Methylcyclohexane
Concen: 9.085 ug/L
RT: 7.312 min Scan# 1033
Delta R.T. -0.073 min
Lab File: VX025996.D
Acq: 24 Dec 2021 02:06

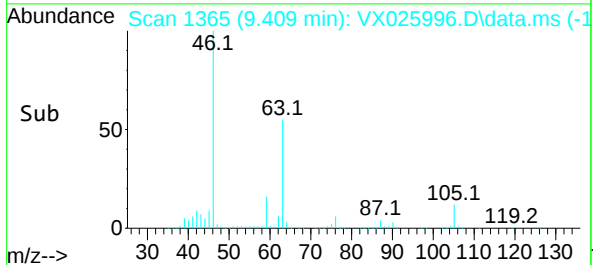
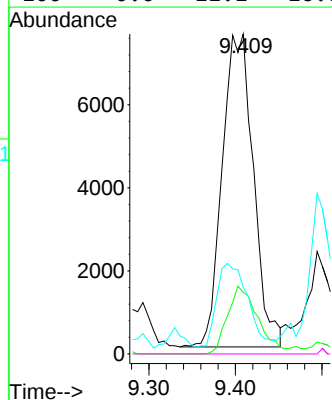
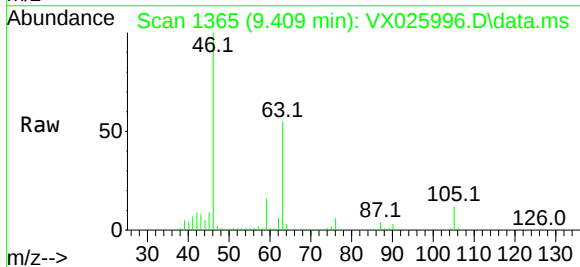
Instrument :
MSVOA_X
ClientSampleId :

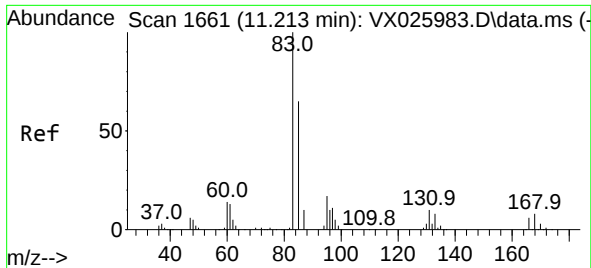
Tgt Ion: 83 Resp: 25821
Ion Ratio Lower Upper
83 100
55 0.2 57.3 85.9#
98 0.0 41.1 61.7#



#48
2-Hexanone
Concen: 8.264 ug/L
RT: 9.409 min Scan# 1365
Delta R.T. -0.024 min
Lab File: VX025996.D
Acq: 24 Dec 2021 02:06

Tgt Ion: 43 Resp: 18828
Ion Ratio Lower Upper
43 100
58 21.1 44.2 66.4#
57 25.8 15.1 22.7#
100 0.0 11.1 16.7#





#57

1,1,2,2-Tetrachloroethane

Concen: 2.927 ug/L

RT: 11.220 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX025996.D

Acq: 24 Dec 2021 02:06

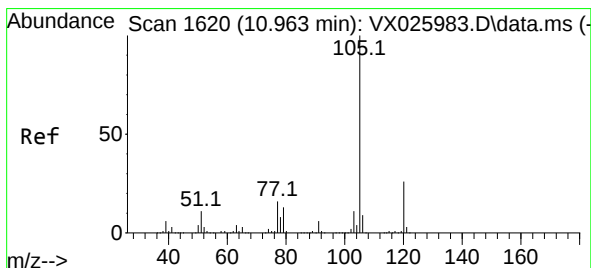
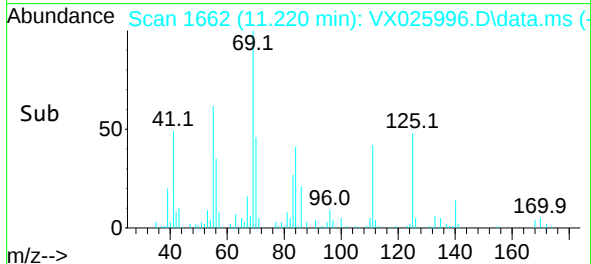
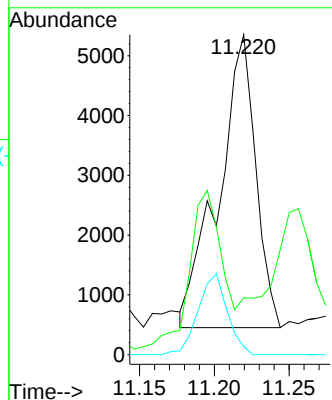
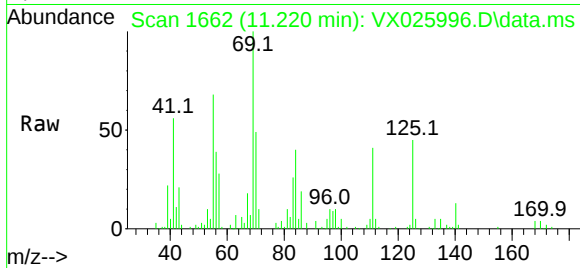
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83 Resp: 8465

Ion	Ratio	Lower	Upper
83	100		
85	17.8	47.0	87.2#
131	2.5	8.5	12.7#



#60

Isopropylbenzene

Concen: 1.147 ug/L

RT: 11.403 min Scan# 1692

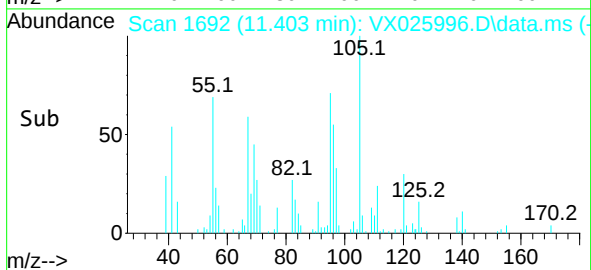
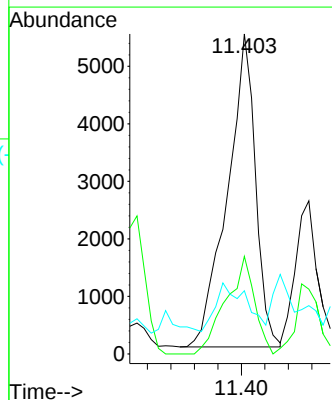
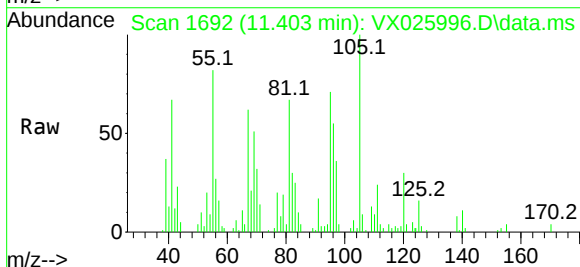
Delta R.T. 0.439 min

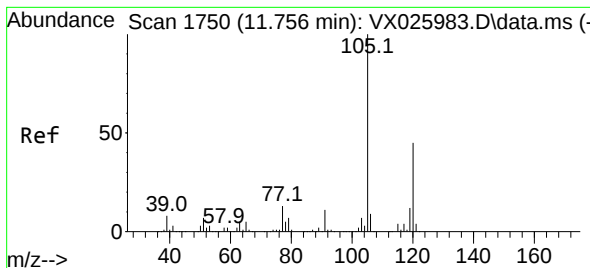
Lab File: VX025996.D

Acq: 24 Dec 2021 02:06

Tgt Ion: 105 Resp: 9046

Ion	Ratio	Lower	Upper
105	100		
120	31.5	22.3	33.5
77	13.0	11.5	17.3





#63

1,2,4-Trimethylbenzene

Concen: 1.772 ug/L

RT: 11.756 min Scan# 11723

Delta R.T. 0.000 min

Lab File: VX025996.D

Acq: 24 Dec 2021 02:06

Instrument :

MSVOA_X

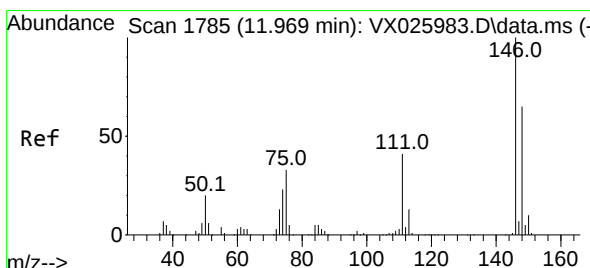
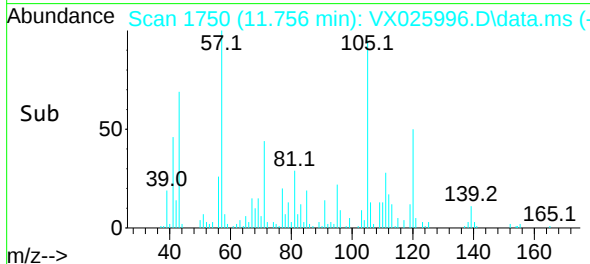
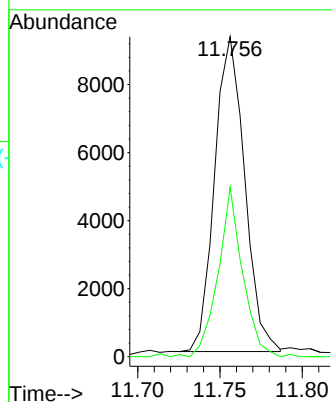
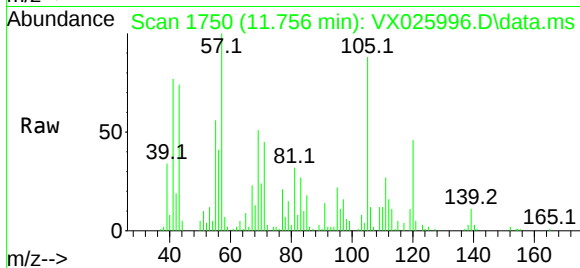
ClientSampleId :

Tgt Ion:105 Resp: 11723

Ion Ratio Lower Upper

105 100

120 43.6 0.1 0.1#



#64

1,3-Dichlorobenzene

Concen: 0.962 ug/L

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX025996.D

Acq: 24 Dec 2021 02:06

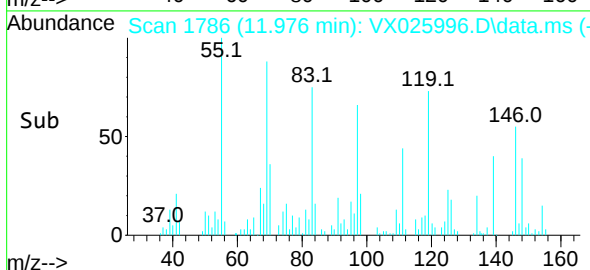
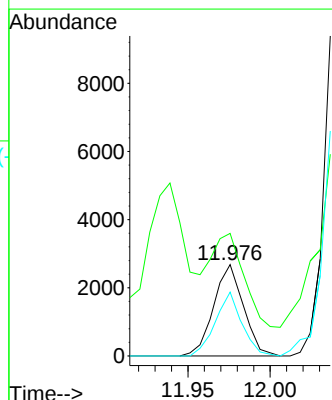
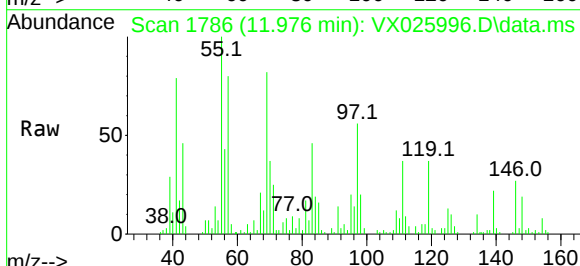
Tgt Ion:146 Resp: 3384

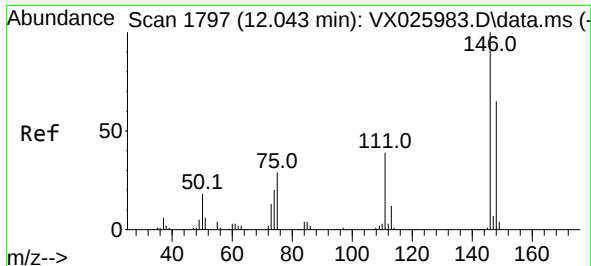
Ion Ratio Lower Upper

146 100

111 134.0 27.6 51.2#

148 69.8 45.2 84.0





#65

1,4-Dichlorobenzene

Concen: 6.114 ug/L

RT: 12.043 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025996.D

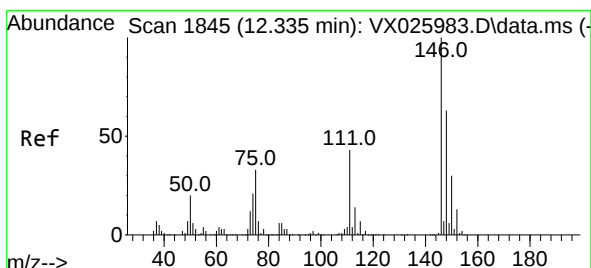
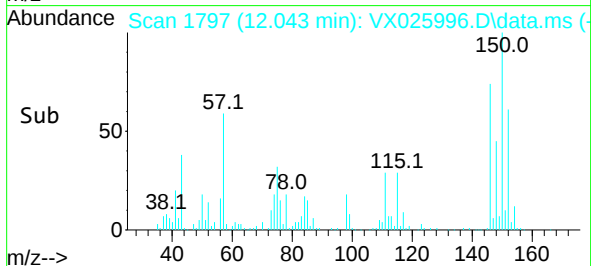
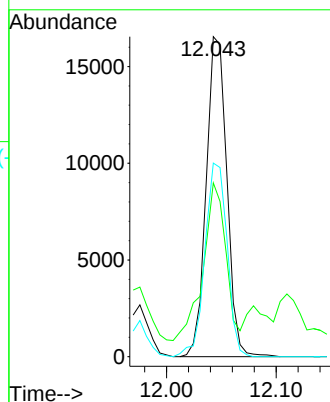
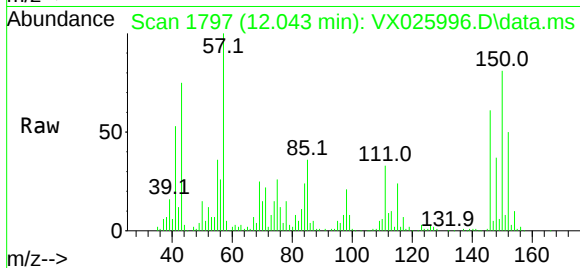
Acq: 24 Dec 2021 02:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:146	Resp:	21662
Ion Ratio	Lower	Upper
146	100	
111	54.3	26.5 49.3#
148	60.5	45.5 84.5



#67

1,2-Dichlorobenzene

Concen: 6.870 ug/L

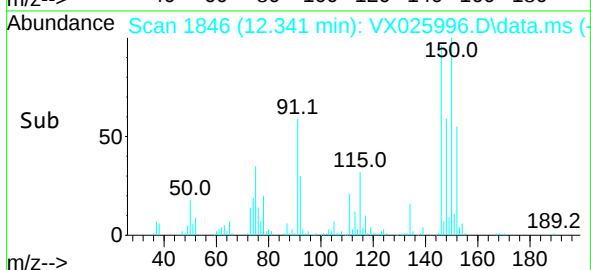
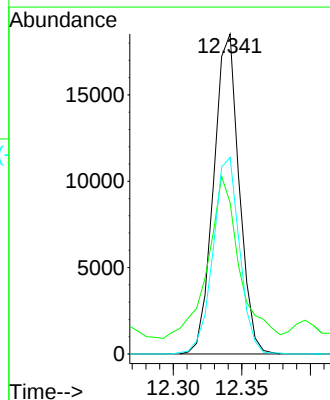
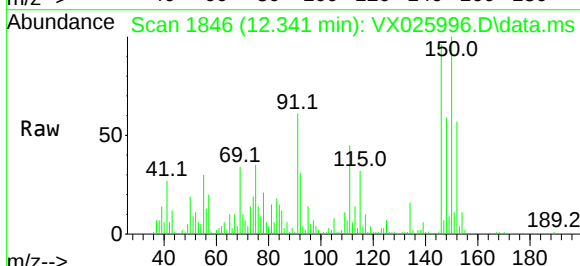
RT: 12.341 min Scan# 1846

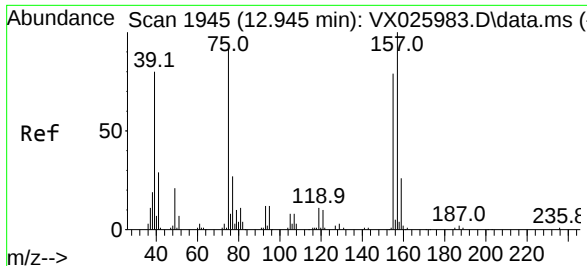
Delta R.T. 0.006 min

Lab File: VX025996.D

Acq: 24 Dec 2021 02:06

Tgt Ion:146	Resp:	23901
Ion Ratio	Lower	Upper
146	100	
111	47.3	32.3 48.5
148	61.4	50.3 75.5





#68

1,2-Dibromo-3-chloropropane

Concen: 2.972 ug/L

RT: 13.116 min Scan# 1945

Delta R.T. 0.171 min

Lab File: VX025996.D

Acq: 24 Dec 2021 02:06

Instrument :

MSVOA_X

ClientSampleId :

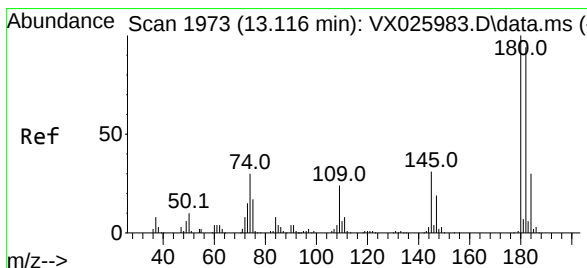
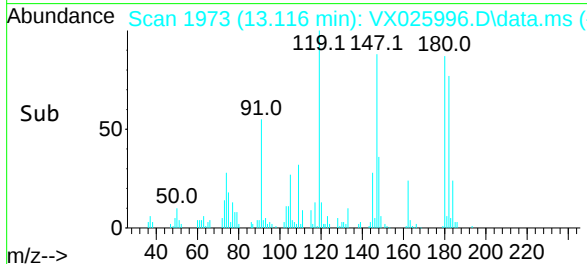
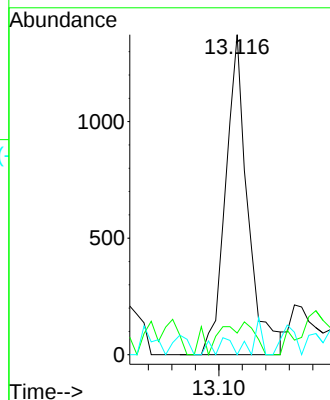
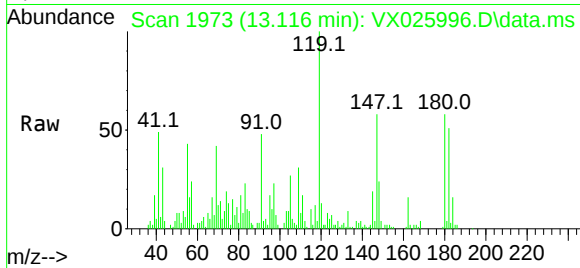
Tgt Ion: 75 Resp: 1796

Ion Ratio Lower Upper

75 100

155 6.8 79.4 119.2#

157 0.0 100.4 150.6#



#69

1,3,5-Trichlorobenzene

Concen: 2.935 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX025996.D

Acq: 24 Dec 2021 02:06

Tgt Ion:180 Resp: 6933

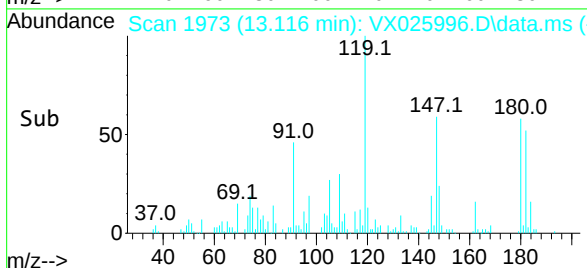
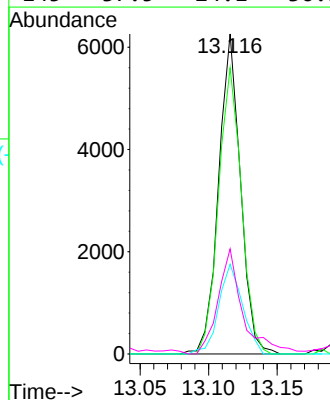
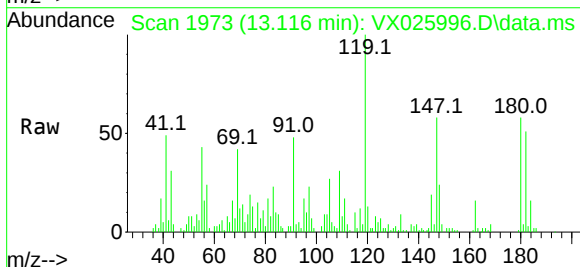
Ion Ratio Lower Upper

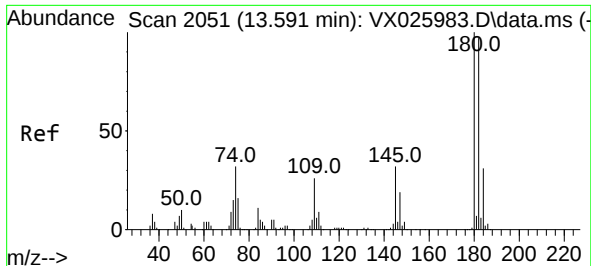
180 100

182 93.8 75.3 112.9

184 30.6 24.6 37.0

145 37.5 24.1 36.1#

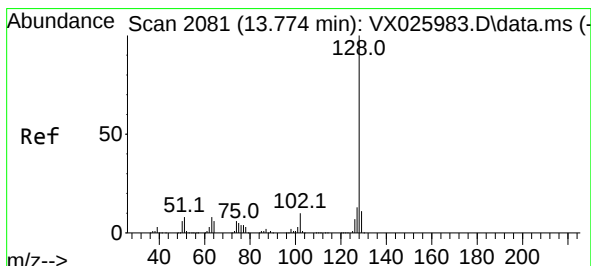
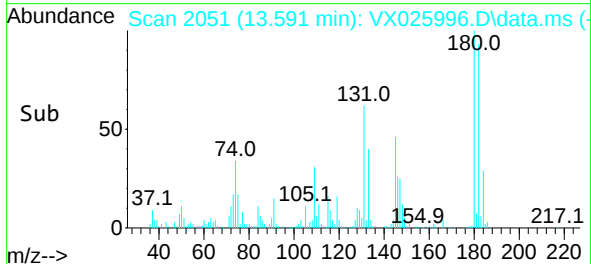
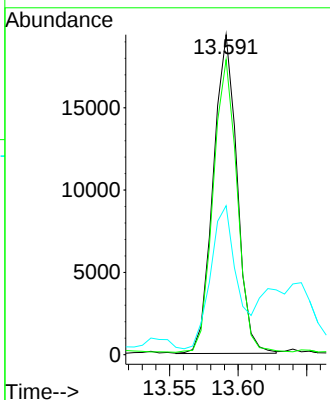
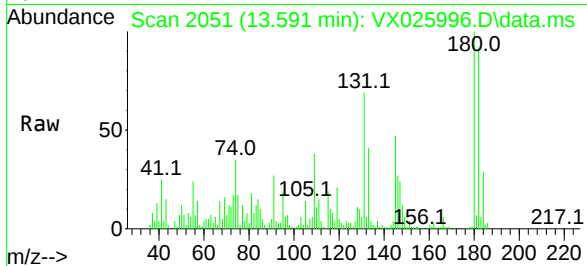




#70
1,2,4-trichlorobenzene
Concen: 11.095 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025996.D
Acq: 24 Dec 2021 02:06

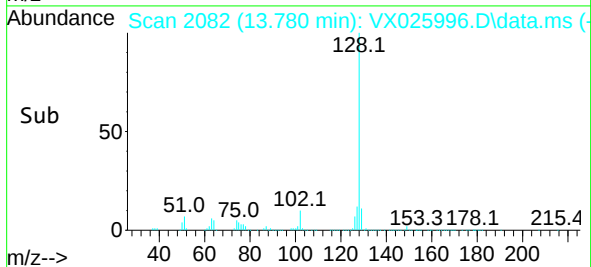
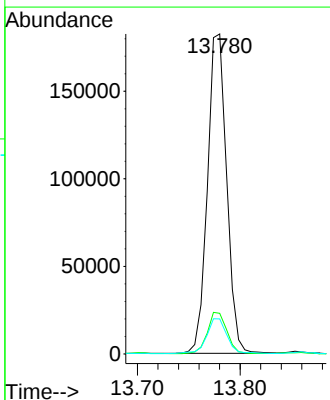
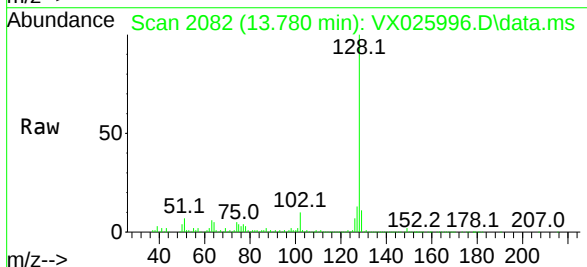
Instrument :
MSVOA_X
ClientSampleId :

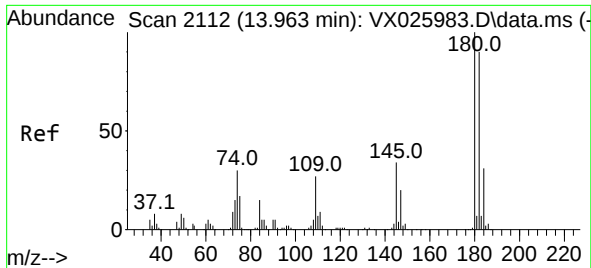
Tgt Ion:180 Resp: 23340
Ion Ratio Lower Upper
180 100
182 92.6 78.2 117.4
145 50.3 24.7 37.1#



#71
Naphthalene
Concen: 29.710 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX025996.D
Acq: 24 Dec 2021 02:06

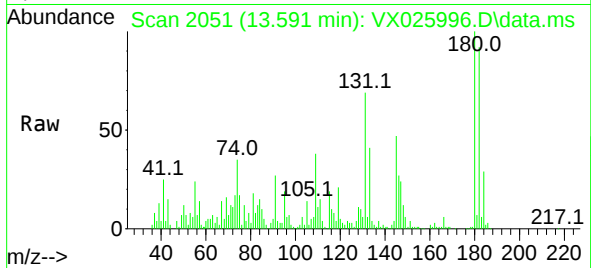
Tgt Ion:128 Resp: 236273
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.6 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 10.258 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.372 min
 Lab File: VX025996.D
 Acq: 24 Dec 2021 02:06

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	22285
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.2	112.8
145	33.9	25.8	38.6

