

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051721\
 Data File : VX022027.D
 Acq On : 17 May 2021 12:36
 Operator : JC/MD
 Sample : M2410-04DL 4X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :

Quant Time: May 18 04:19:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 18 04:17:19 2021
 Response via : Initial Calibration

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

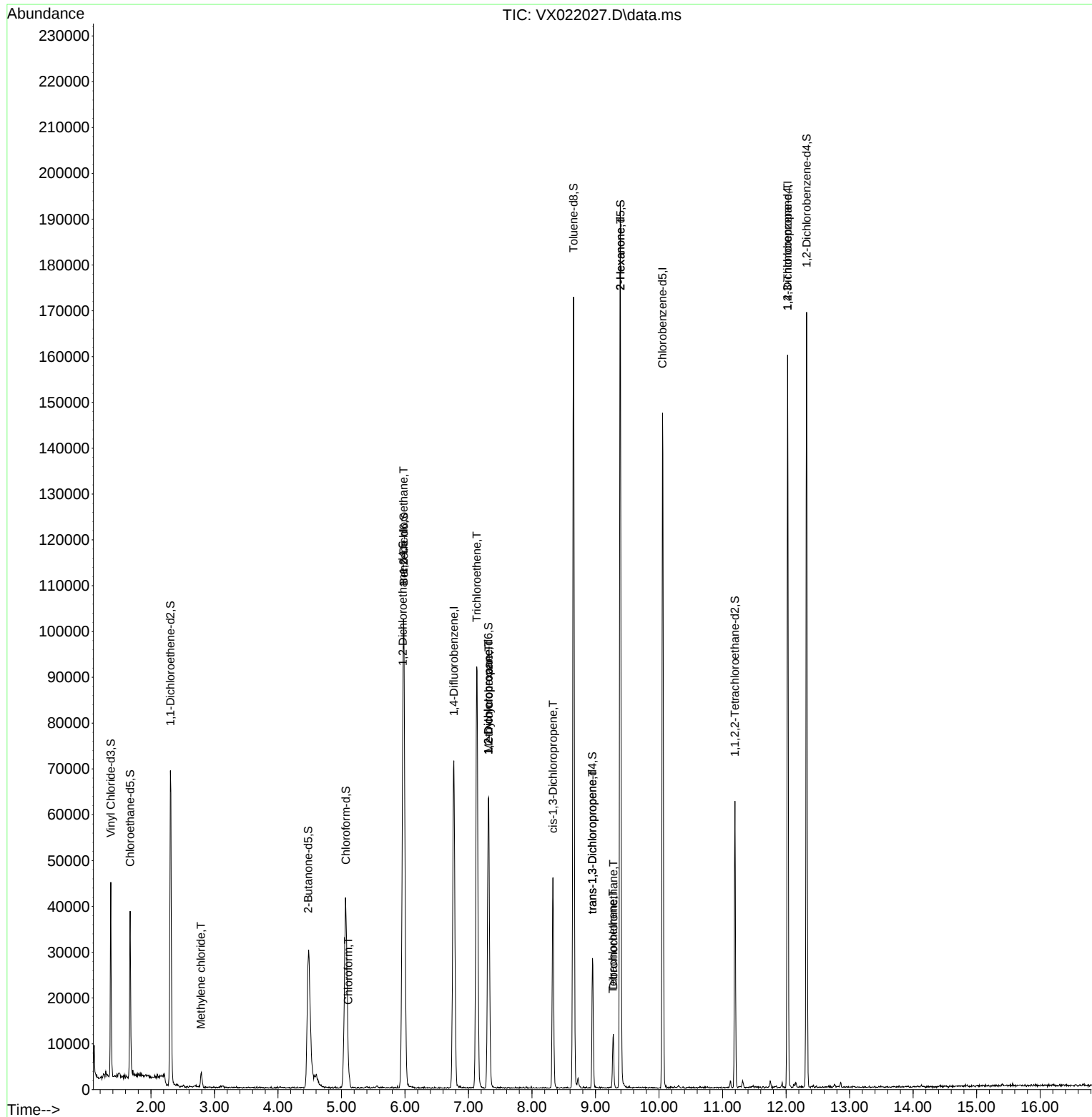
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	72606	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	65959	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	29789	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25981	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.672	69	21563	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.307	63	37207	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.477	46	65827	46.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.66%
24) Chloroform-d	5.068	84	48629	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.964	65	25179	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.983	84	109487	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	7.312	67	33243	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	8.653	98	98430	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloroprop...	8.952	79	13410	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	9.391	63	58905	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23430	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	31859	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						Qvalue
16) Methylene chloride	2.788	84	1450	0.20	ug/L	94
25) Chloroform	5.105	83	2939	0.29	ug/L	87
27) 1,2-Dichloroethane	5.977	62	707	0.12	ug/L #	74
34) Trichloroethene	7.129	95	34531	5.82	ug/L	95
35) Methylcyclohexane	7.318	83	7504	0.74	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	3847	0.69	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1024	0.12	ug/L #	34
44) trans-1,3-Dichloropropene	8.952	75	625	0.09	ug/L	94
47) Tetrachloroethene	9.275	164	1796	0.45	ug/L	92
48) 2-Hexanone	9.391	43	6486	2.70	ug/L #	66
49) Dibromochloromethane	9.281	129	1921	0.43	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	4335	1.40	ug/L #	61

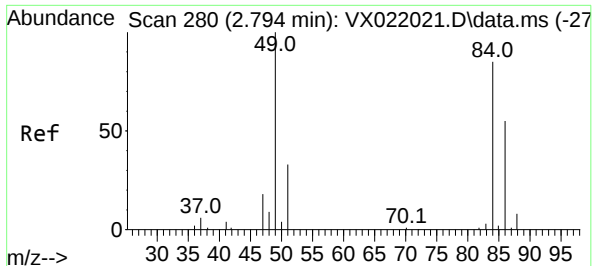
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

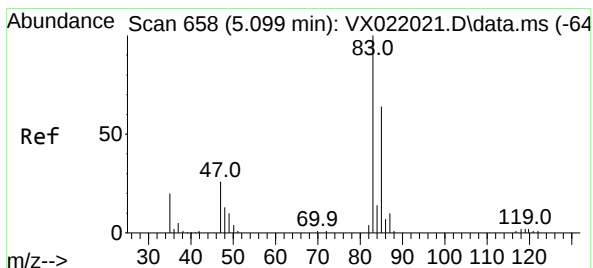
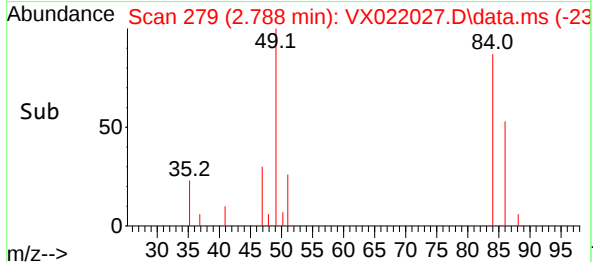
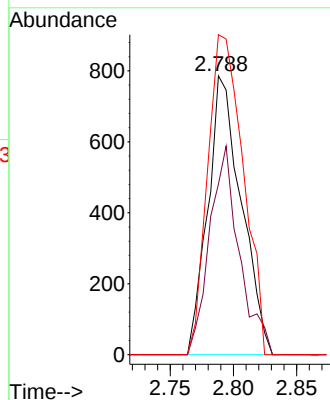
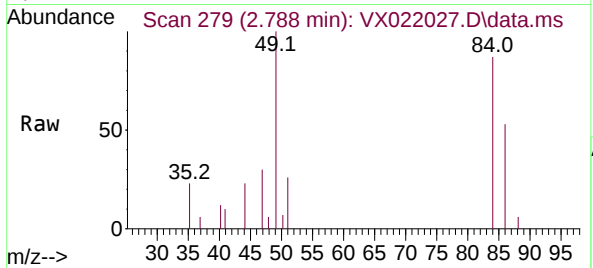




#16
Methylene chloride
Concen: 0.20 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022027.D
Acq: 17 May 2021 12:36

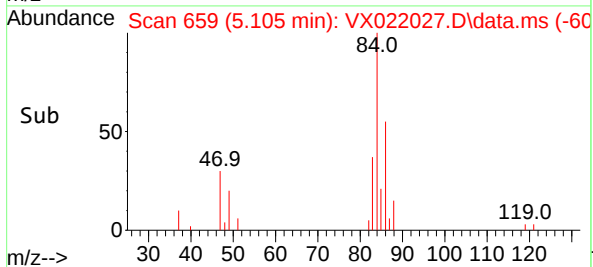
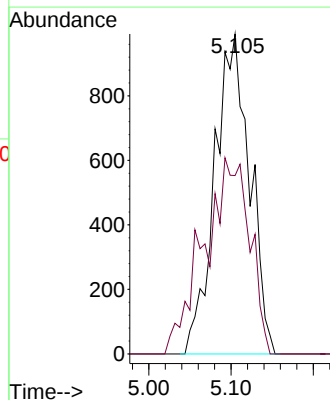
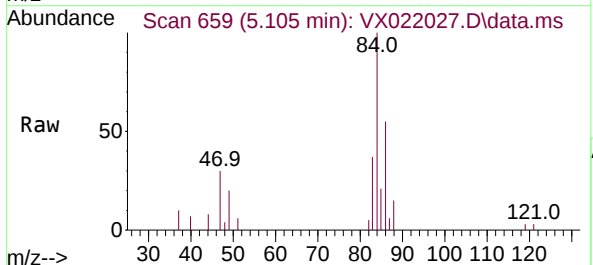
Instrument :
MSVOA_X
ClientSampled :

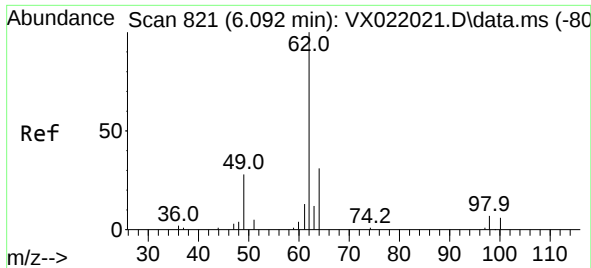
Tgt Ion: 84 Resp: 1450
Ion Ratio Lower Upper
84 100
86 61.2 46.3 86.1
49 114.8 84.4 156.7



#25
Chloroform
Concen: 0.29 ug/L
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX022027.D
Acq: 17 May 2021 12:36

Tgt Ion: 83 Resp: 2939
Ion Ratio Lower Upper
83 100
85 55.7 46.3 86.1





#27

1,2-Dichloroethane

Concen: 0.12 ug/L

RT: 5.977 min Scan# 802

Delta R.T. -0.116 min

Lab File: VX022027.D

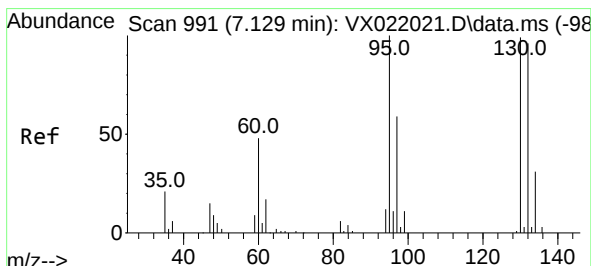
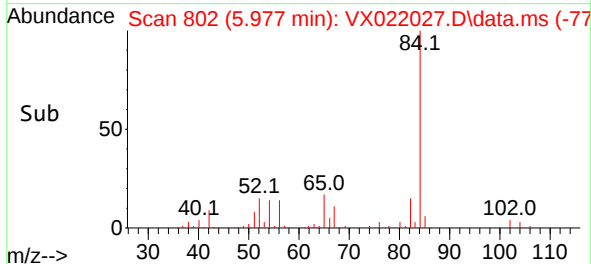
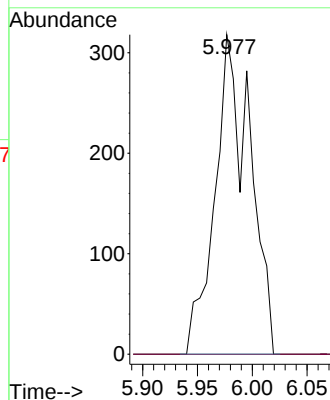
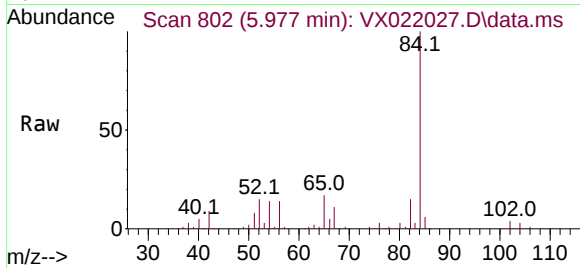
Acq: 17 May 2021 12:36

Tgt Ion: 62 Resp: 707

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.6#



#34

Trichloroethene

Concen: 5.82 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX022027.D

Acq: 17 May 2021 12:36

Tgt Ion: 95 Resp: 34531

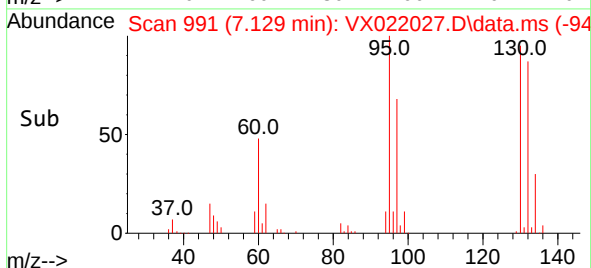
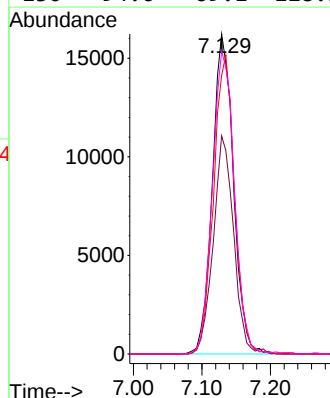
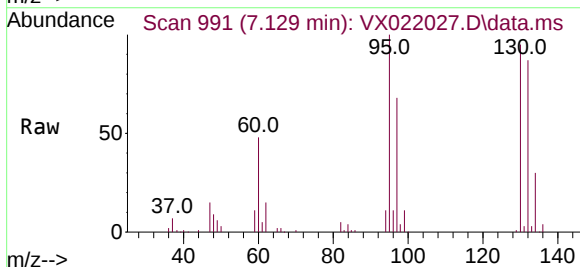
Ion Ratio Lower Upper

95 100

97 68.1 48.6 90.2

132 87.1 67.3 125.1

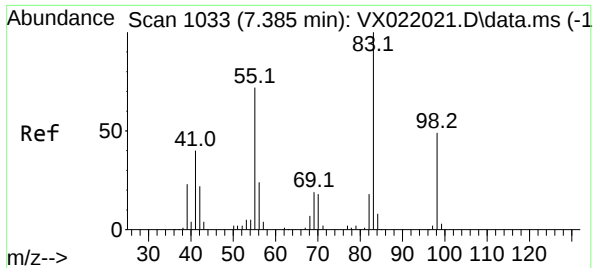
130 94.6 69.1 128.3



Instrument :

MSVOA_X

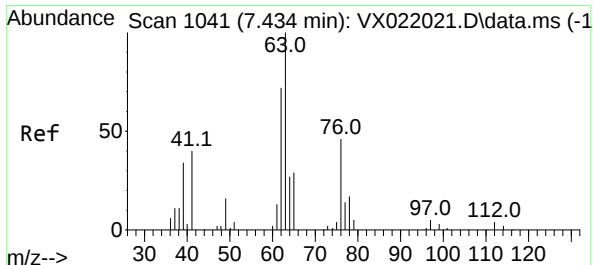
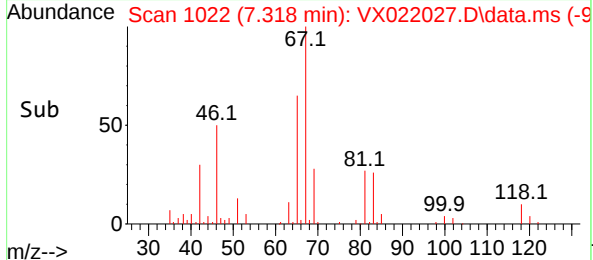
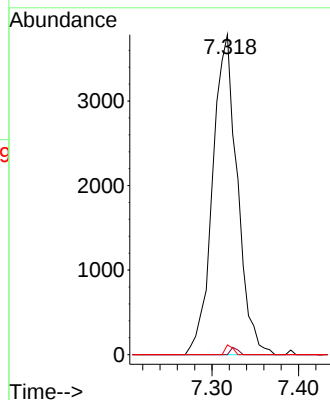
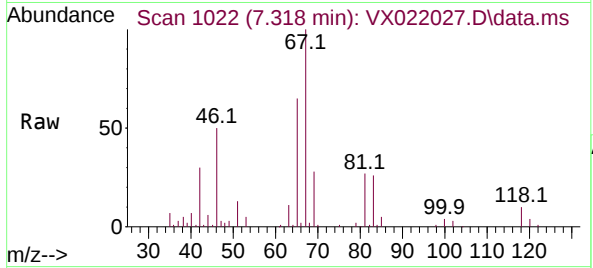
ClientSampleId :



#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX022027.D
Acq: 17 May 2021 12:36

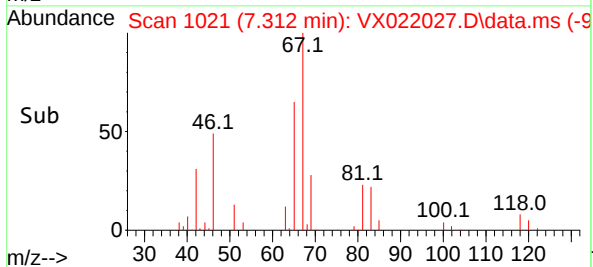
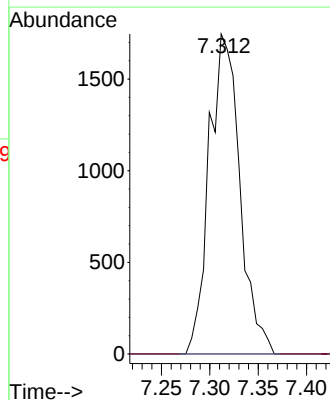
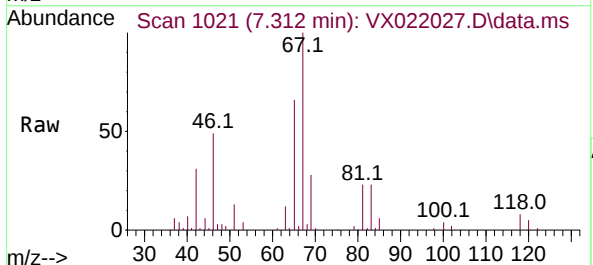
Instrument :
MSVOA_X
ClientSampled :

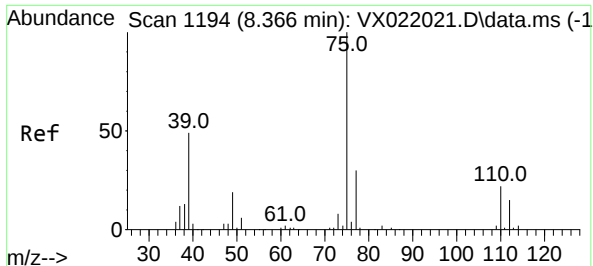
Tgt Ion: 83 Resp: 7504
Ion Ratio Lower Upper
83 100
55 0.7 60.3 90.5#
98 0.9 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX022027.D
Acq: 17 May 2021 12:36

Tgt Ion: 63 Resp: 3847
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



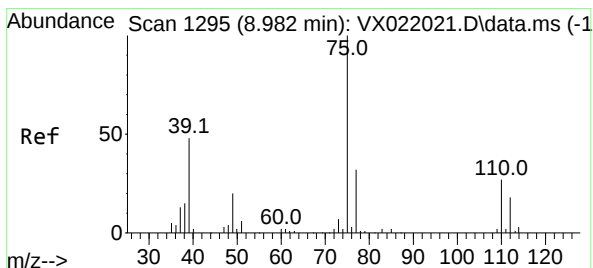
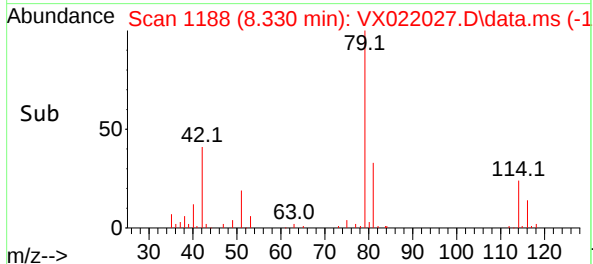
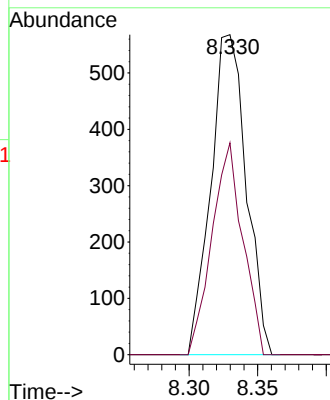
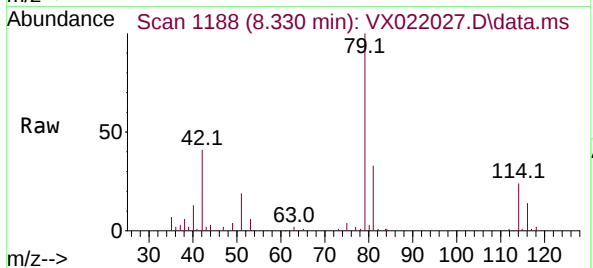


#39

cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 8.330 min Scan# 1188
 Delta R.T. -0.036 min
 Lab File: VX022027.D
 Acq: 17 May 2021 12:36

Instrument :
 MSVOA_X
 ClientSampled :

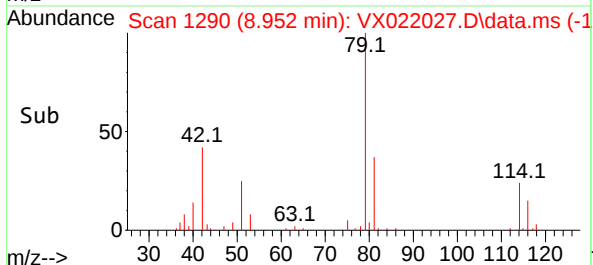
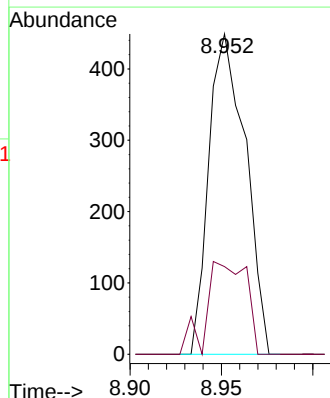
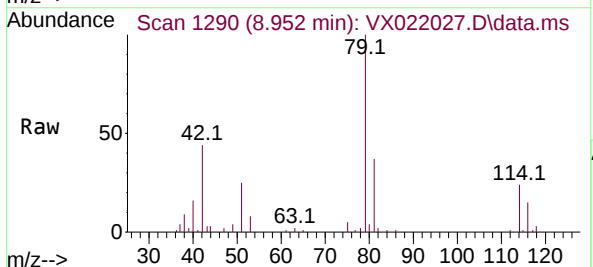
Tgt Ion: 75 Resp: 1024
 Ion Ratio Lower Upper
 75 100
 77 66.2 21.3 39.5#

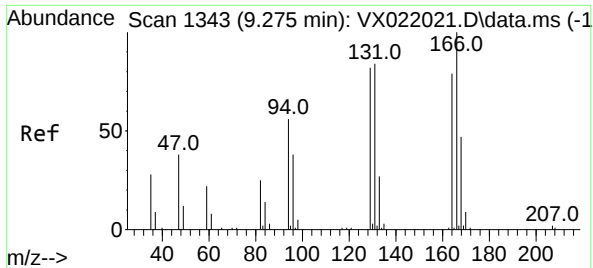


#44

trans-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 8.952 min Scan# 1290
 Delta R.T. -0.030 min
 Lab File: VX022027.D
 Acq: 17 May 2021 12:36

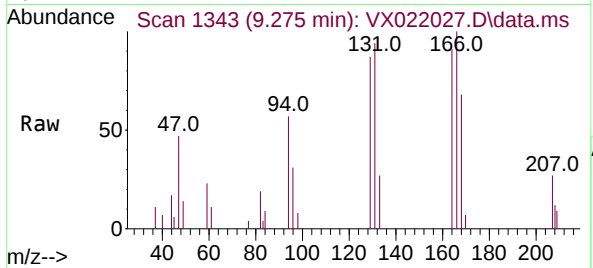
Tgt Ion: 75 Resp: 625
 Ion Ratio Lower Upper
 75 100
 77 27.4 21.6 40.0



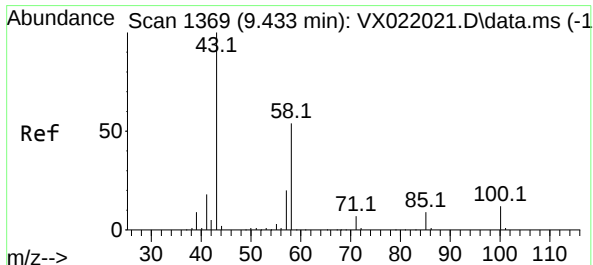
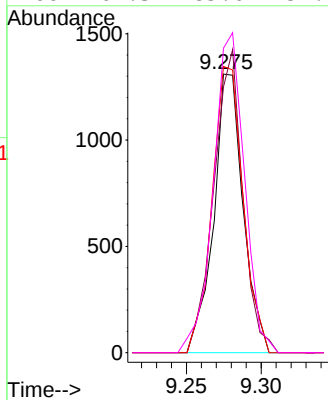
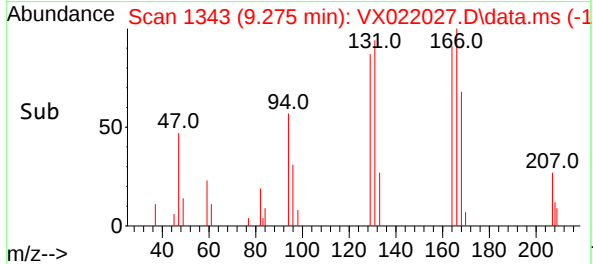


#47
Tetrachloroethene
Concen: 0.45 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX022027.D
Acq: 17 May 2021 12:36

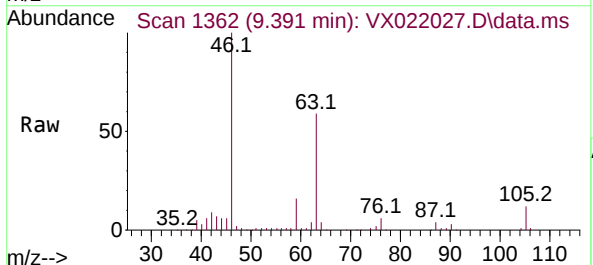
Instrument :
MSVOA_X
ClientSampled :



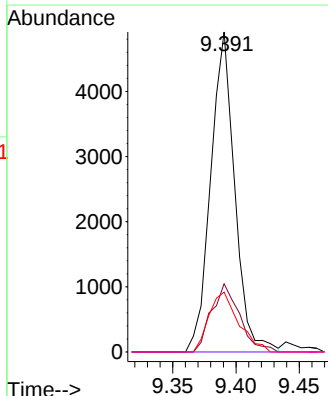
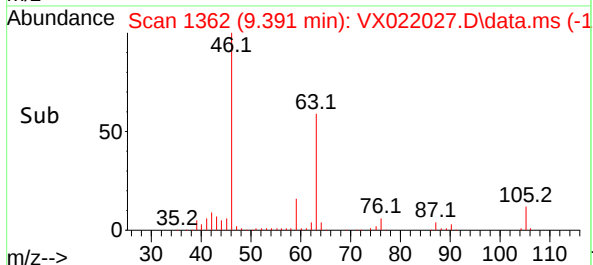
Tgt Ion:164	Resp:	1796
Ion	Ratio	Lower Upper
164	100	
129	95.4	73.1 135.7
131	102.7	69.1 128.3
166	109.3	85.0 157.8

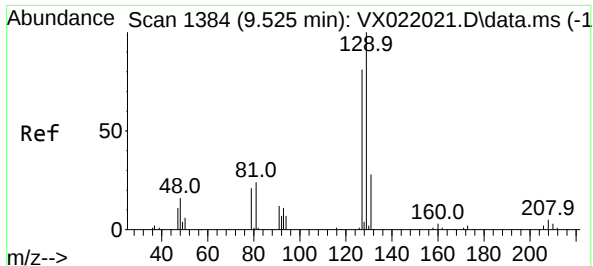


#48
2-Hexanone
Concen: 2.70 ug/L
RT: 9.391 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX022027.D
Acq: 17 May 2021 12:36



Tgt Ion: 43	Resp:	6486
Ion	Ratio	Lower Upper
43	100	
58	24.9	44.6 67.0#
57	23.1	14.8 22.2#
100	0.0	10.2 15.2#





#49

Dibromochloromethane

Concen: 0.43 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX022027.D

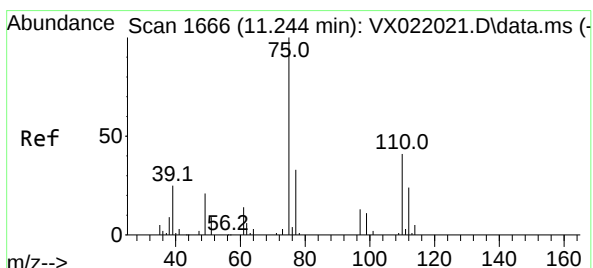
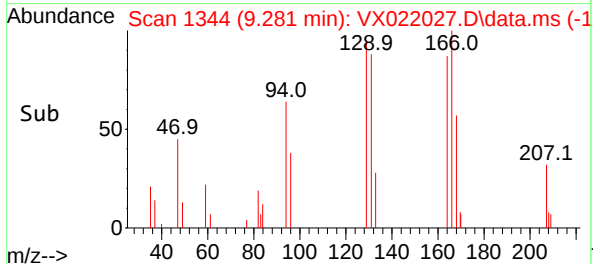
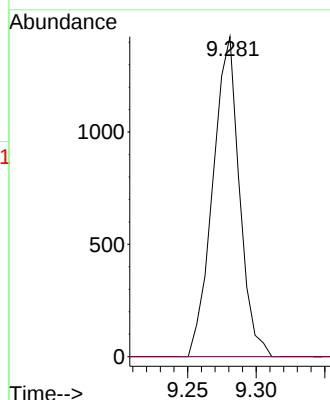
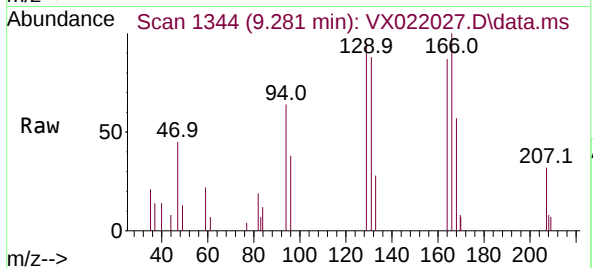
Acq: 17 May 2021 12:36

Tgt Ion:129 Resp: 1921

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.40 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX022027.D

Acq: 17 May 2021 12:36

Tgt Ion: 75 Resp: 4335

Ion Ratio Lower Upper

75 100

77 33.8 24.6 37.0

110 0.0 32.3 48.5#

