

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051221\
 Data File : VX021925.D
 Acq On : 12 May 2021 14:26
 Operator : JC/MD
 Sample : M2339-03DL 4X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 13 01:13:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 13 01:12:16 2021
 Response via : Initial Calibration

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

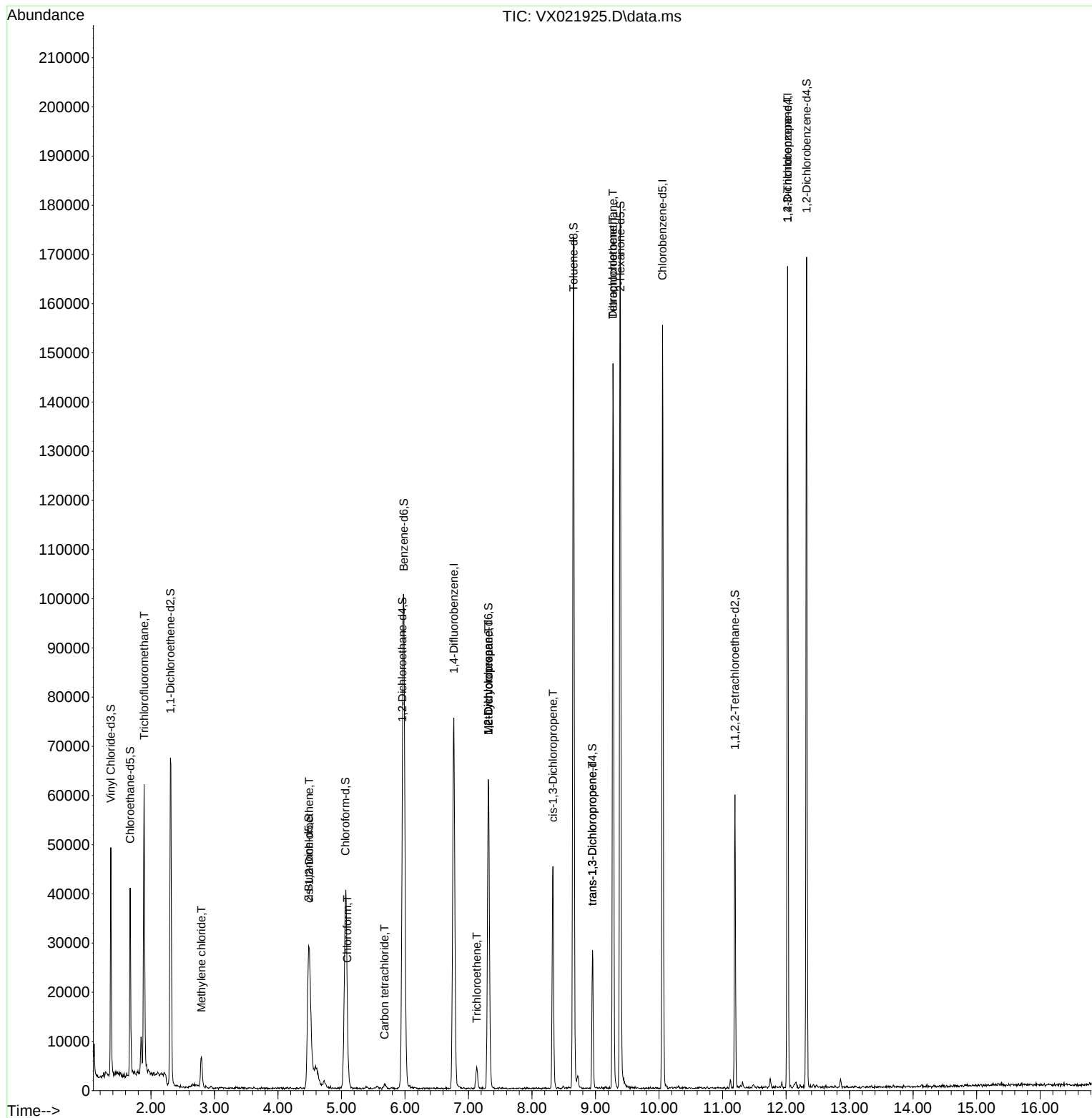
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	76693	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	67432	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31657	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	28190	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.672	69	22653	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.306	63	38063	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.483	46	63715	42.46	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.92%
24) Chloroform-d	5.062	84	48818	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.958	65	25305	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.983	84	107468	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	7.312	67	31402	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	8.653	98	101153	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloroprop...	8.952	79	12971	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	9.391	63	55638	42.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.60%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22788	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
66) 1,2-Dichlorobenzene-d4	12.323	152	31536	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.892	101	32069	3.25	ug/L	98
16) Methylene chloride	2.794	84	2657	0.35	ug/L	85
22) cis-1,2-Dichloroethene	4.489	96	2736	0.42	ug/L	74
25) Chloroform	5.093	83	1635	0.15	ug/L	81
31) Carbon tetrachloride	5.678	117	728	0.09	ug/L	90
34) Trichloroethene	7.129	95	1693	0.28	ug/L	87
35) Methylcyclohexane	7.312	83	8085	0.78	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	3408	0.60	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1136	0.13	ug/L	94
44) trans-1,3-Dichloropropene	8.952	75	609	0.08	ug/L #	52
47) Tetrachloroethene	9.275	164	25827	6.38	ug/L	96
49) Dibromochloromethane	9.275	129	26792	5.88	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	4993	1.52	ug/L #	64

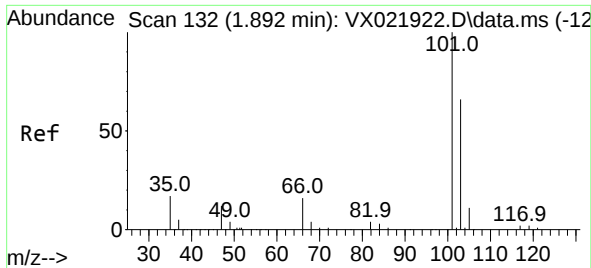
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: May 13 01:13:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 13 01:12:16 2021
Response via : Initial Calibration

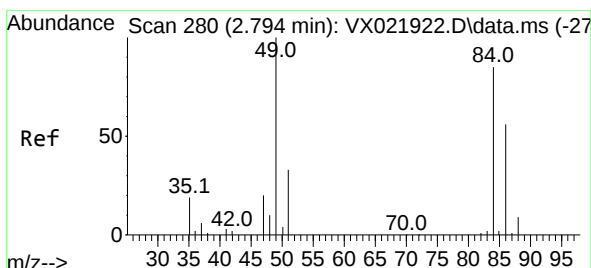
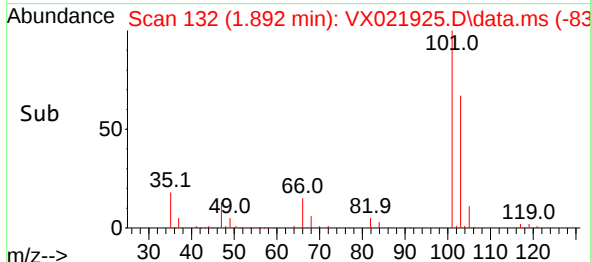
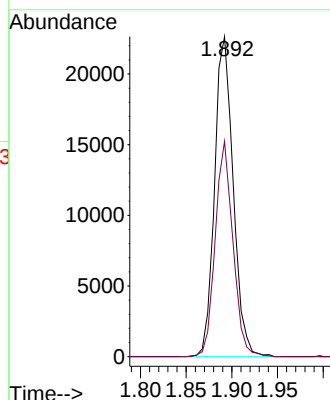
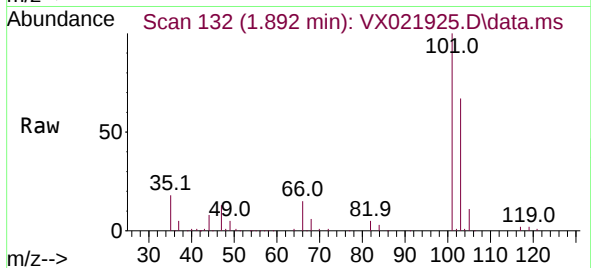




#9
Trichlorofluoromethane
Concen: 3.25 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX021925.D
Acq: 12 May 2021 14:26

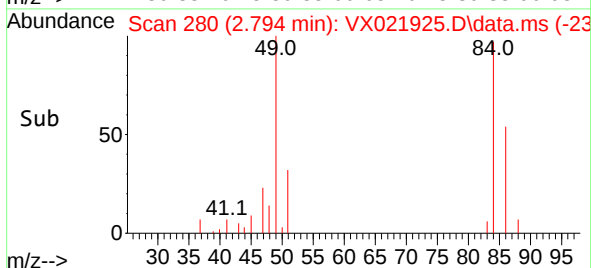
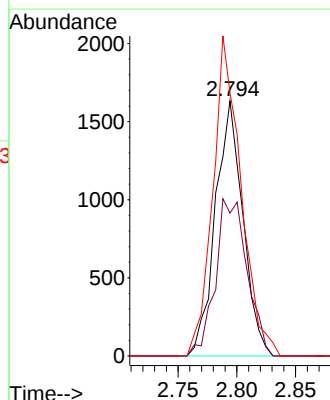
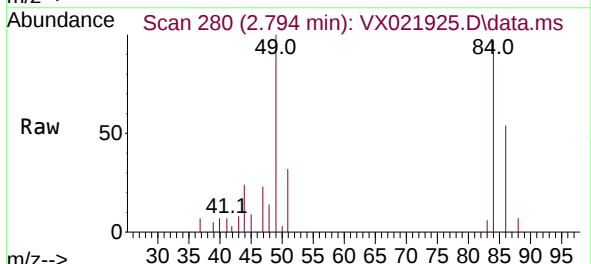
Instrument :
MSVOA_X
ClientSampled :

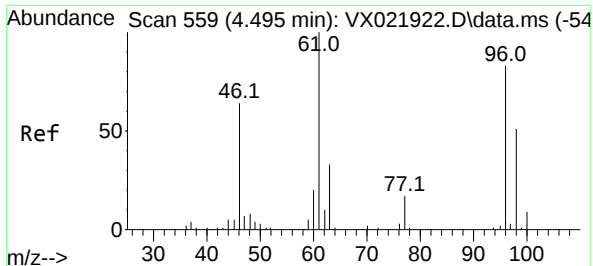
Tgt Ion:101 Resp: 32069
Ion Ratio Lower Upper
101 100
103 64.1 52.6 79.0



#16
Methylene chloride
Concen: 0.35 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX021925.D
Acq: 12 May 2021 14:26

Tgt Ion: 84 Resp: 2657
Ion Ratio Lower Upper
84 100
86 56.1 46.3 86.1
49 103.2 84.4 156.7





#22

cis-1,2-Dichloroethene

Concen: 0.42 ug/L

RT: 4.489 min Scan# 558

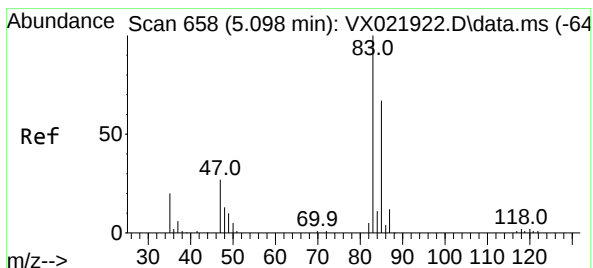
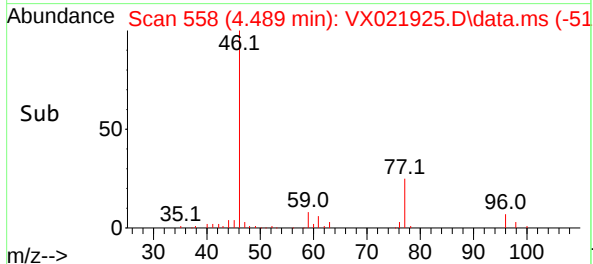
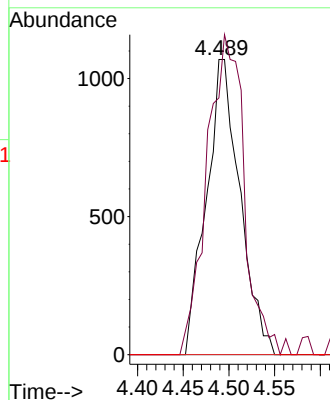
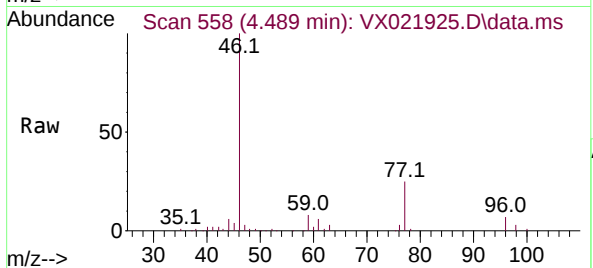
Delta R.T. -0.006 min

Lab File: VX021925.D

Acq: 12 May 2021 14:26

Tgt Ion:	96	Resp:	2736
Ion	Ratio	Lower	Upper
96	100		
61	87.0	80.9	150.3
68	0.0	0.0	0.0

Instrument :
MSVOA_X
ClientSampleId :



#25

Chloroform

Concen: 0.15 ug/L

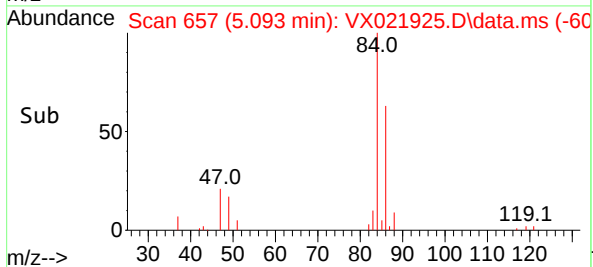
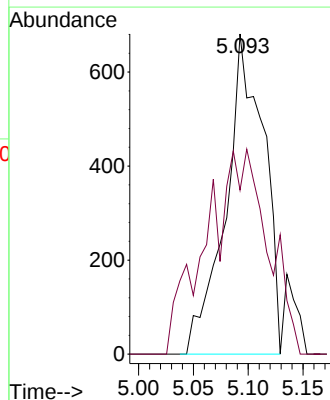
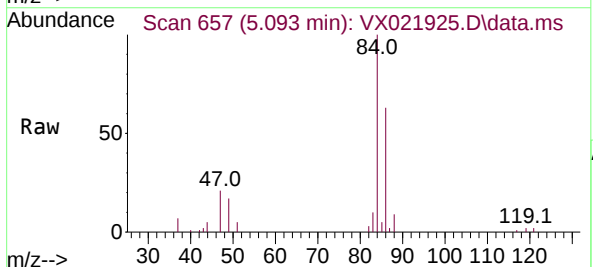
RT: 5.093 min Scan# 657

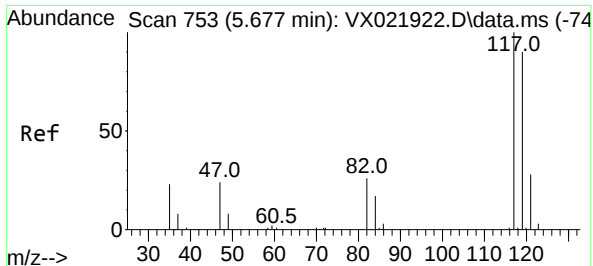
Delta R.T. -0.006 min

Lab File: VX021925.D

Acq: 12 May 2021 14:26

Tgt Ion:	83	Resp:	1635
Ion	Ratio	Lower	Upper
83	100		
85	51.2	46.3	86.1

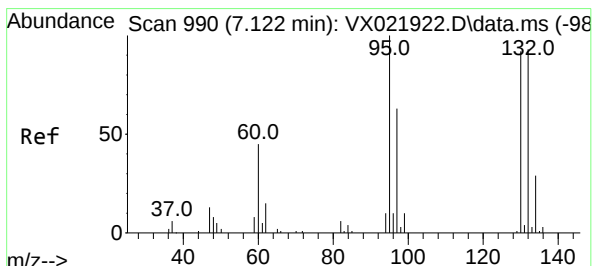
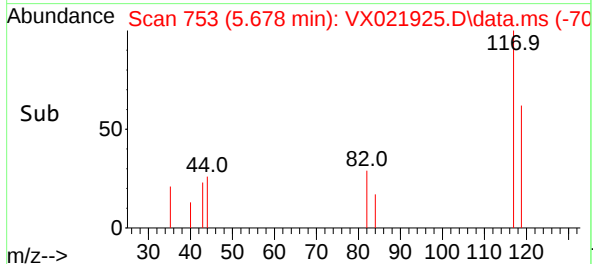
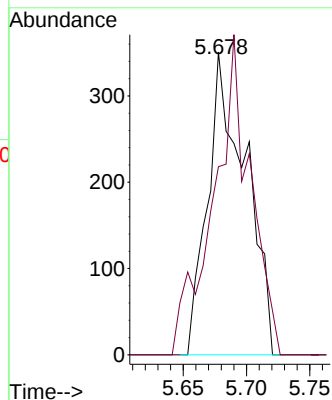
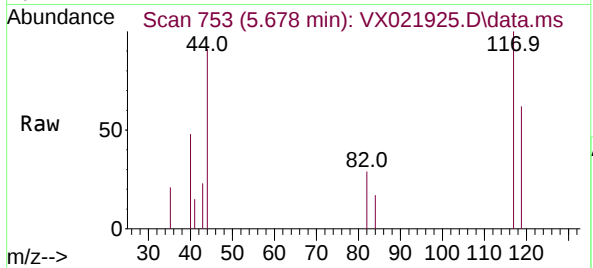




#31
Carbon tetrachloride
Concen: 0.09 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX021925.D
Acq: 12 May 2021 14:26

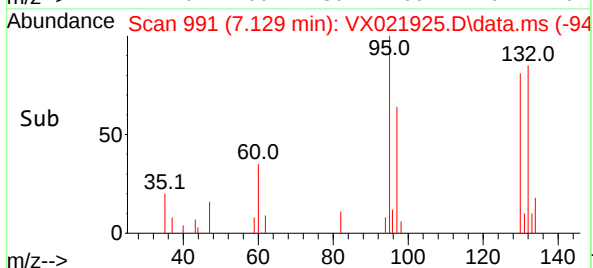
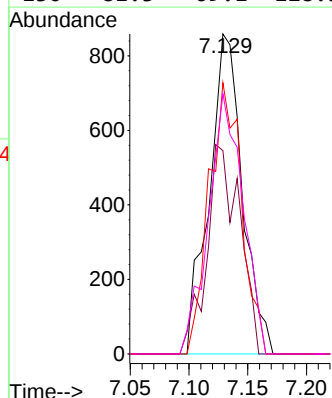
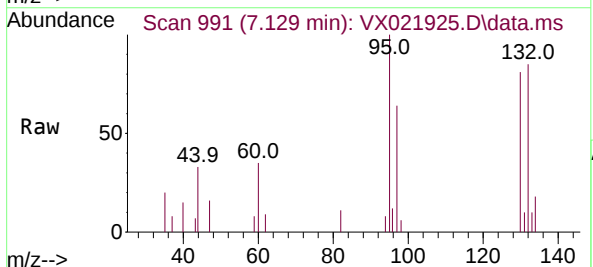
Instrument :
MSVOA_X
ClientSampled :

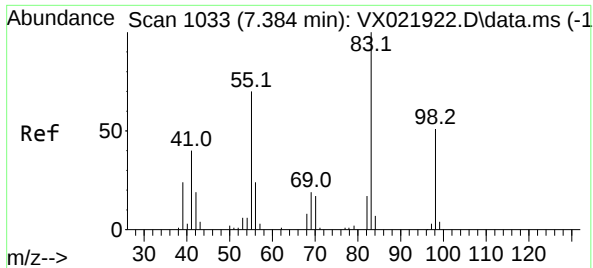
Tgt Ion:117 Resp: 728
Ion Ratio Lower Upper
117 100
119 103.0 74.8 112.2



#34
Trichloroethene
Concen: 0.28 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX021925.D
Acq: 12 May 2021 14:26

Tgt Ion: 95 Resp: 1693
Ion Ratio Lower Upper
95 100
97 63.6 48.6 90.2
132 84.7 67.3 125.1
130 81.3 69.1 128.3

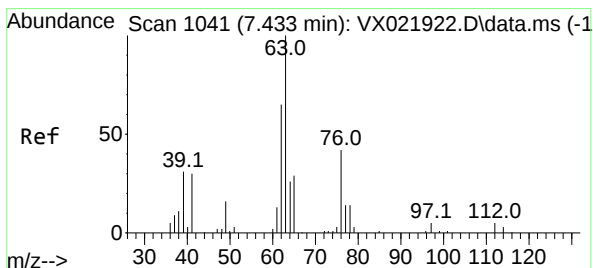
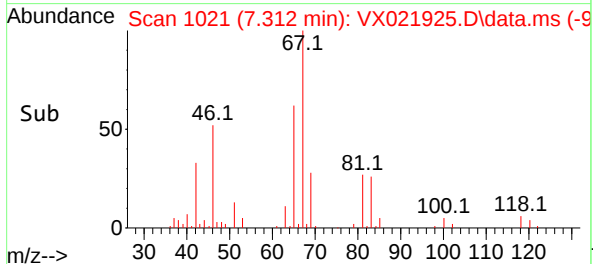
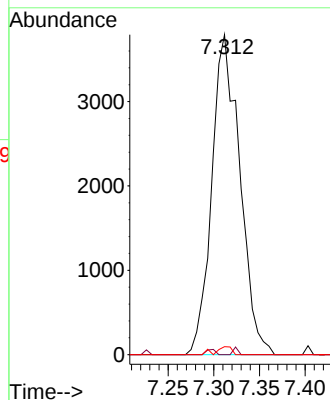
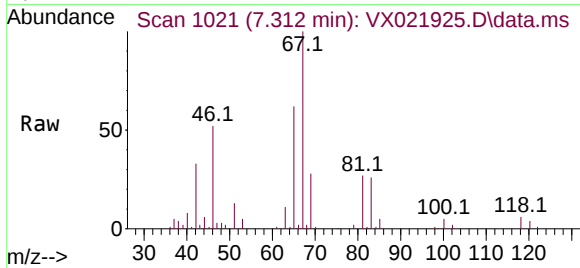




#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX021925.D
Acq: 12 May 2021 14:26

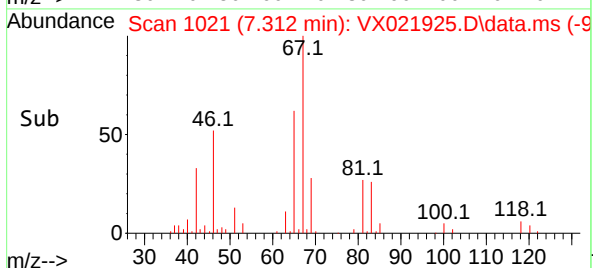
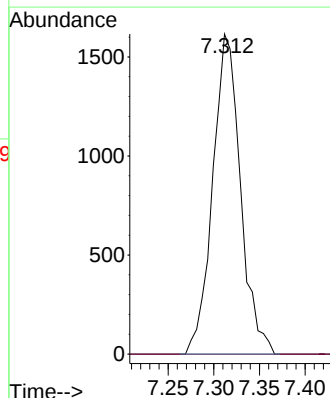
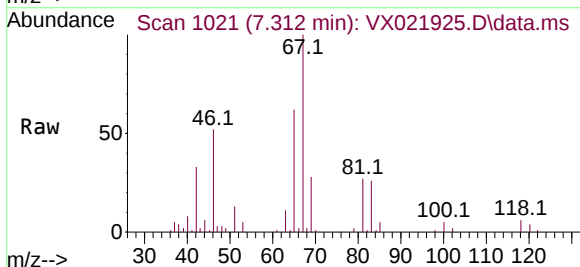
Instrument :
MSVOA_X
ClientSampled :

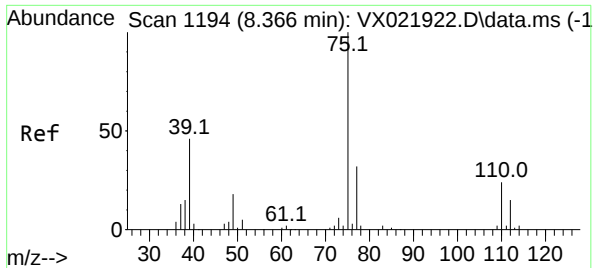
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.3	90.5#
98	1.4	39.4	59.2#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX021925.D
Acq: 12 May 2021 14:26

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

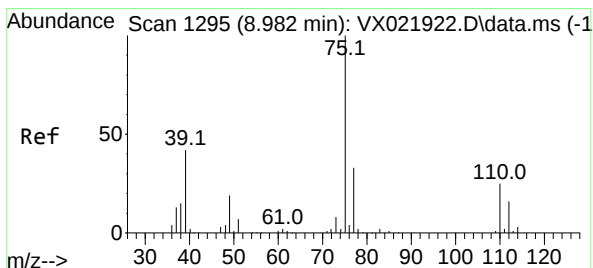
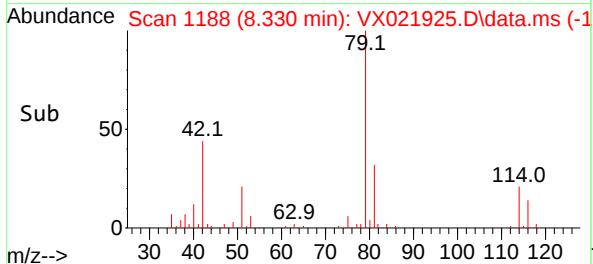
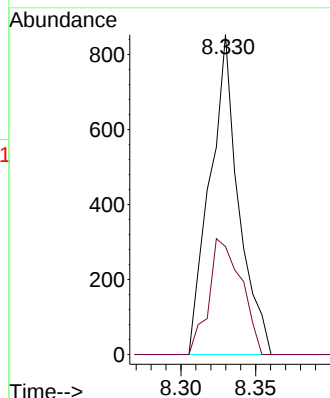
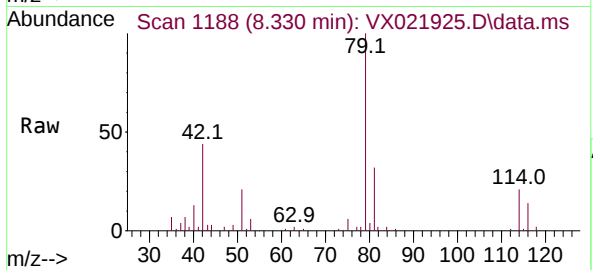




#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.036 min
Lab File: VX021925.D
Acq: 12 May 2021 14:26

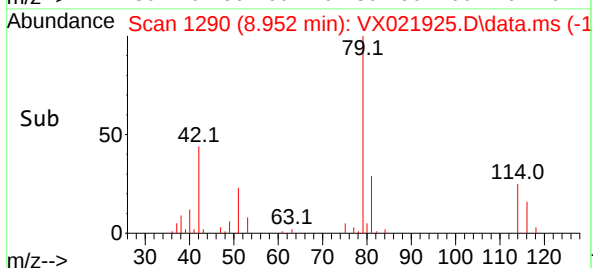
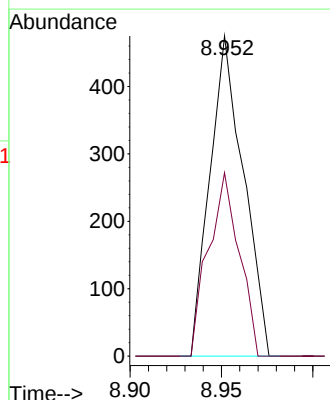
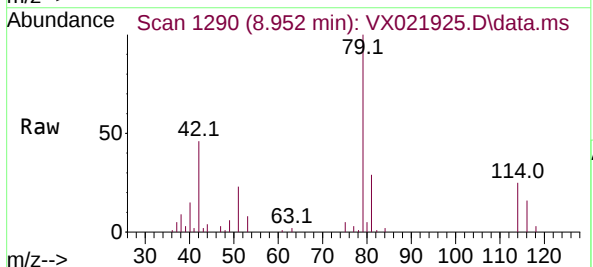
Instrument :
MSVOA_X
ClientSampled :

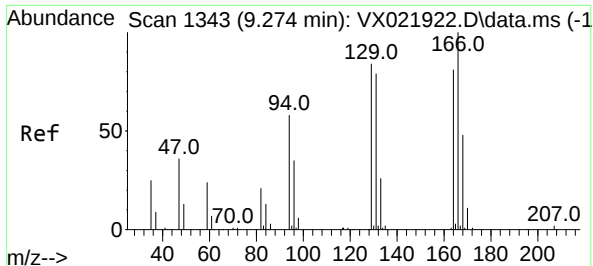
Tgt Ion: 75 Resp: 1136
Ion Ratio Lower Upper
75 100
77 33.8 21.3 39.5



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX021925.D
Acq: 12 May 2021 14:26

Tgt Ion: 75 Resp: 609
Ion Ratio Lower Upper
75 100
77 57.3 21.6 40.0#





#47

Tetrachloroethene

Concen: 6.38 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX021925.D

Acq: 12 May 2021 14:26

Tgt Ion:164 Resp: 25827

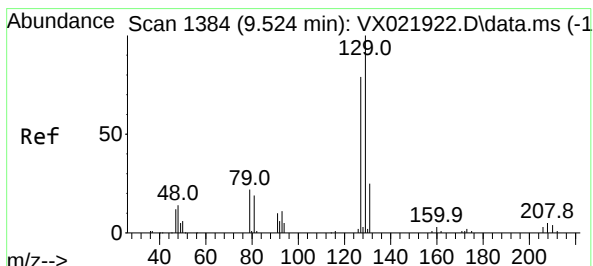
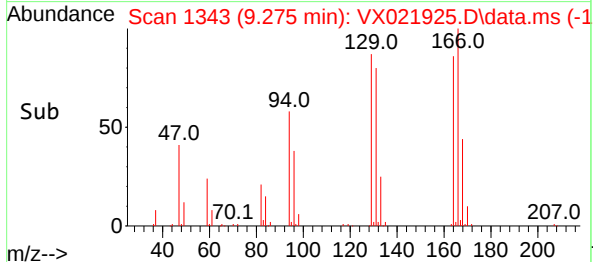
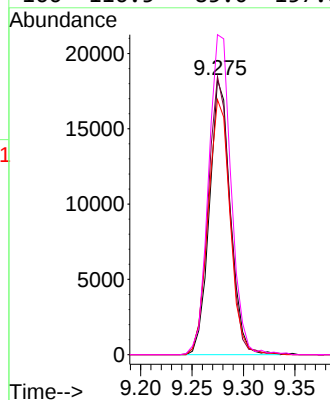
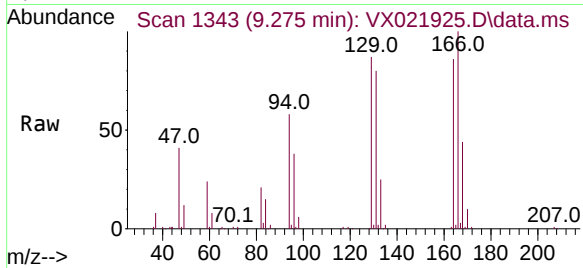
Ion Ratio Lower Upper

164 100

129 101.3 73.1 135.7

131 92.9 69.1 128.3

166 116.5 85.0 157.8



#49

Dibromochloromethane

Concen: 5.88 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX021925.D

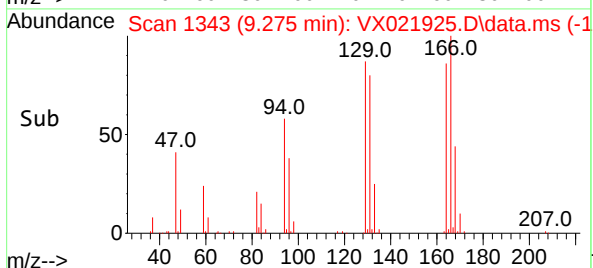
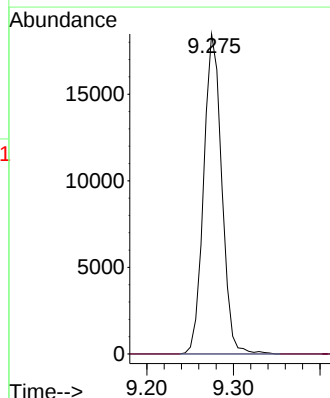
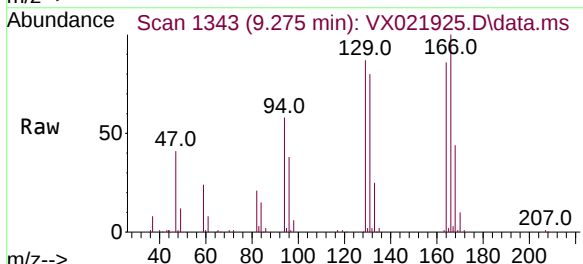
Acq: 12 May 2021 14:26

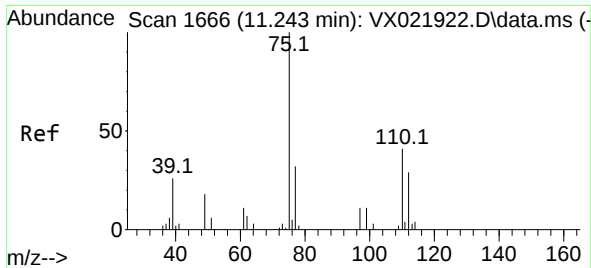
Tgt Ion:129 Resp: 26792

Ion Ratio Lower Upper

129 100

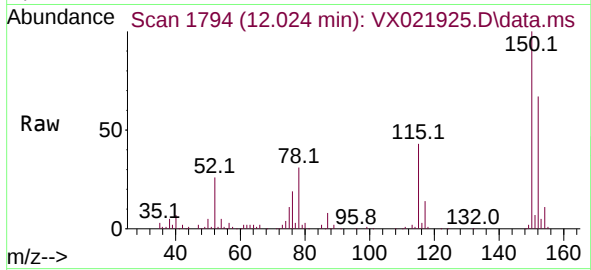
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.52 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.781 min
 Lab File: VX021925.D
 Acq: 12 May 2021 14:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	4993
Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.6	37.0
110	1.8	32.3	48.5#

