

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051221\
 Data File : VX021926.D
 Acq On : 12 May 2021 14:50
 Operator : JC/MD
 Sample : M2339-04DL 4X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 13 01:13:10 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)

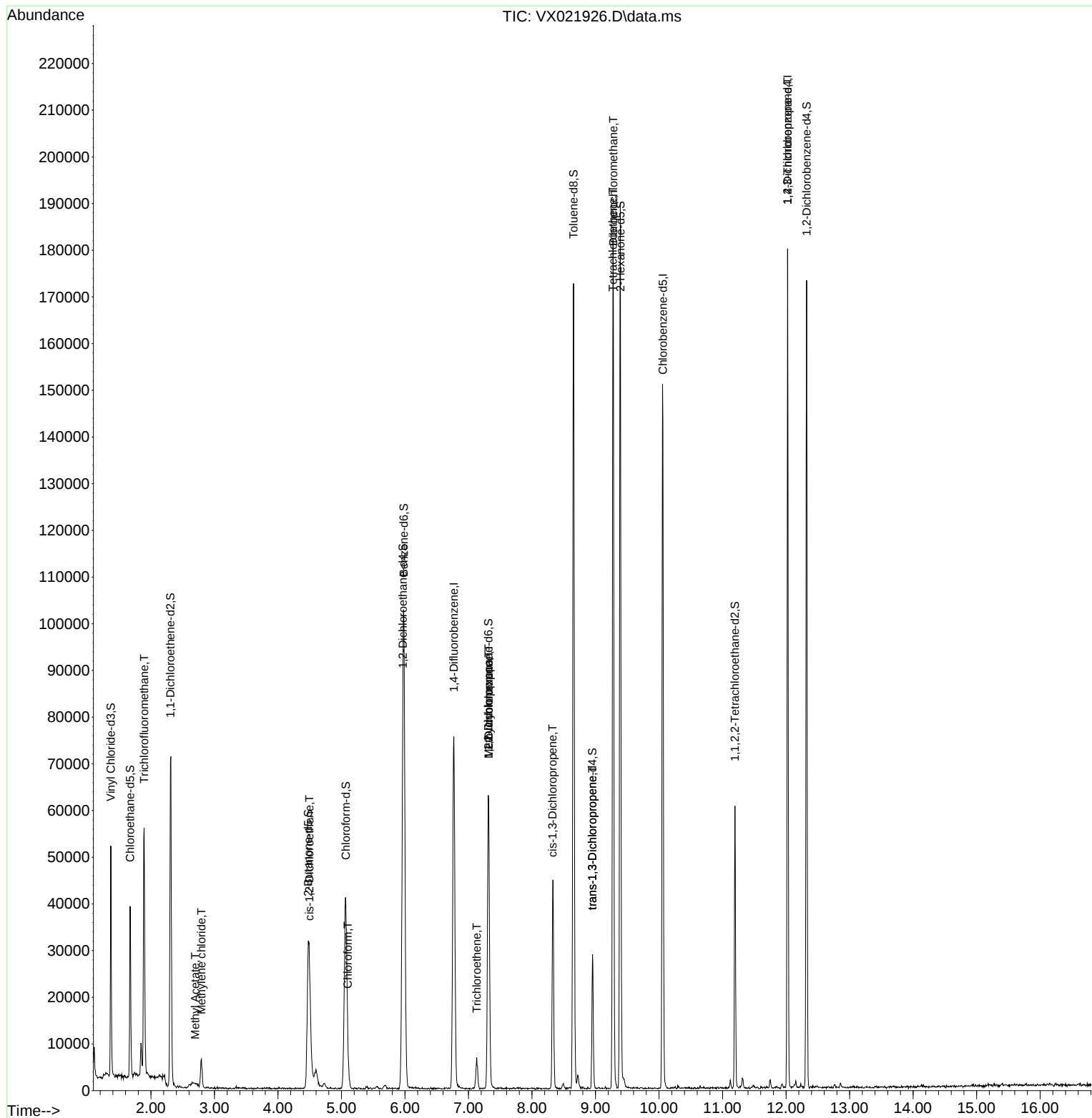
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	77886	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	69368	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31601	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	29169	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.672	69	23037	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.306	63	39641	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.476	46	64735	42.47	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.94%
24) Chloroform-d	5.068	84	49710	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.964	65	26087	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.982	84	109572	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	7.311	67	32970	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	8.652	98	101898	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	8.951	79	13399	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	9.390	63	57311	42.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.70%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22992	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	30877	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.891	101	31279	3.12	ug/L	100
15) Methyl Acetate	2.696	43	397	0.16	ug/L #	52
16) Methylene chloride	2.794	84	2626	0.34	ug/L	97
22) cis-1,2-Dichloroethene	4.495	96	2061	0.32	ug/L	85
25) Chloroform	5.098	83	2039	0.19	ug/L	87
34) Trichloroethene	7.128	95	2119	0.34	ug/L	97
35) Methylcyclohexane	7.317	83	7863	0.74	ug/L #	20
37) 1,2-Dichloropropane	7.317	63	3471	0.60	ug/L #	85
39) cis-1,3-Dichloropropene	8.323	75	1001	0.11	ug/L #	58
44) trans-1,3-Dichloropropene	8.951	75	754	0.10	ug/L	85
47) Tetrachloroethene	9.274	164	31631	7.59	ug/L	97
49) Dibromochloromethane	9.280	129	31894	6.81	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	4722	1.44	ug/L #	63

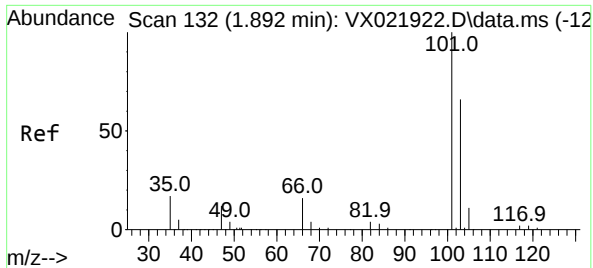
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: May 13 01:13:10 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

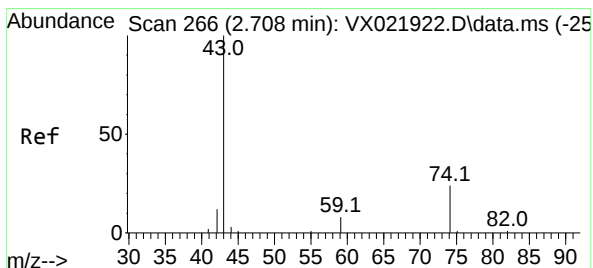
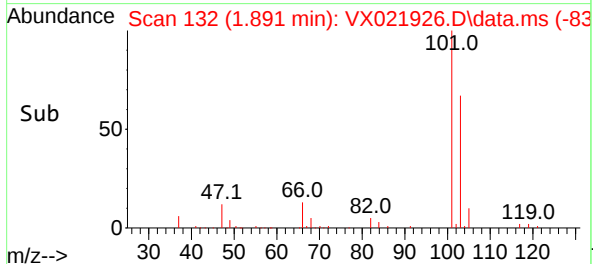
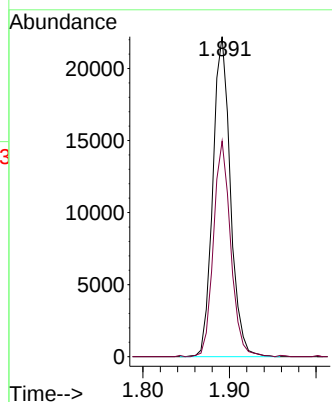
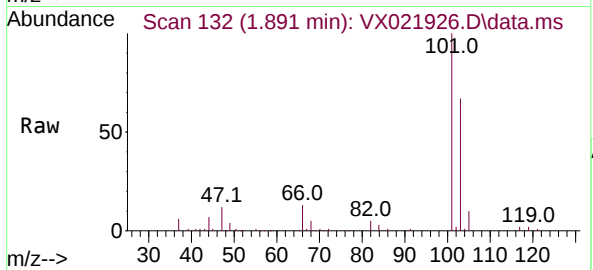




#9
Trichlorofluoromethane
Concen: 3.12 ug/L
RT: 1.891 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

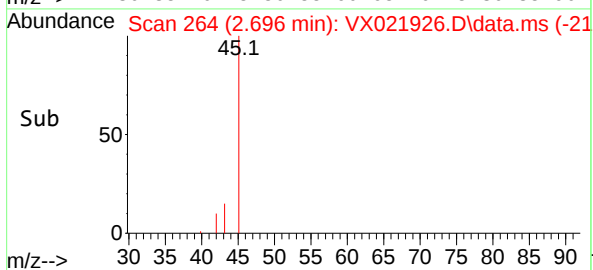
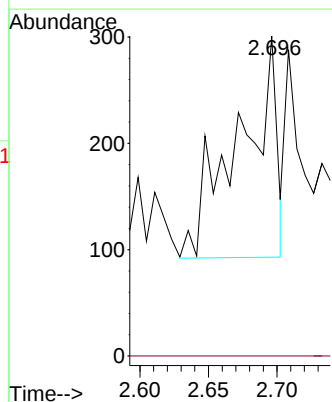
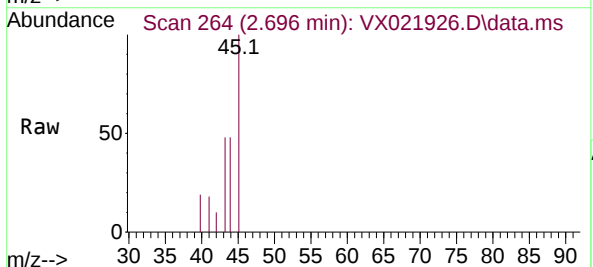
Instrument :
MSVOA_X
ClientSampled :

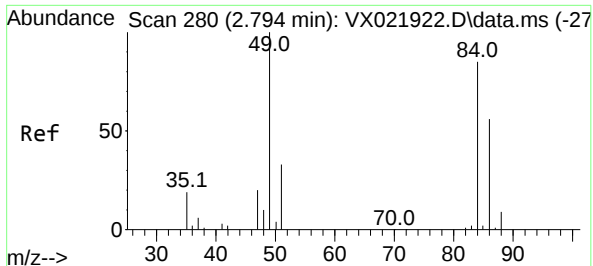
Tgt Ion:101 Resp: 31279
Ion Ratio Lower Upper
101 100
103 65.9 52.6 79.0



#15
Methyl Acetate
Concen: 0.16 ug/L
RT: 2.696 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#

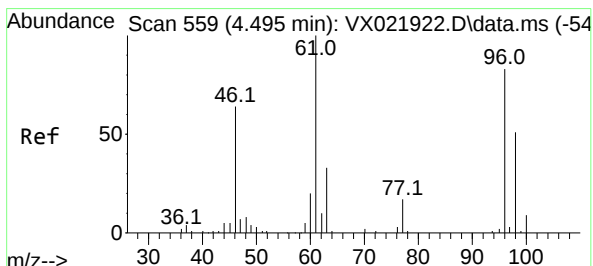
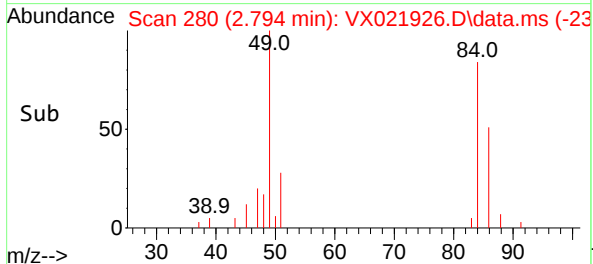
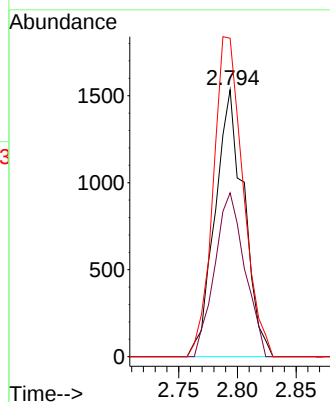
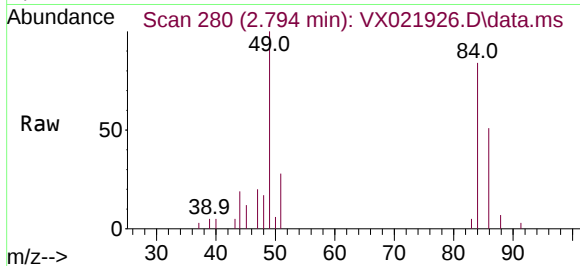




#16
Methylene chloride
Concen: 0.34 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

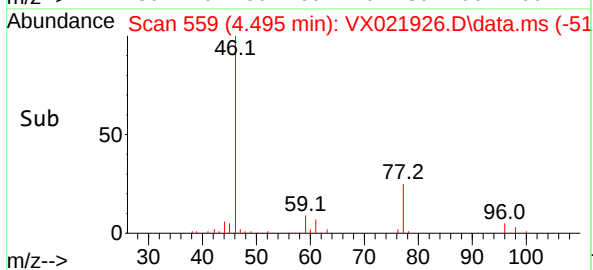
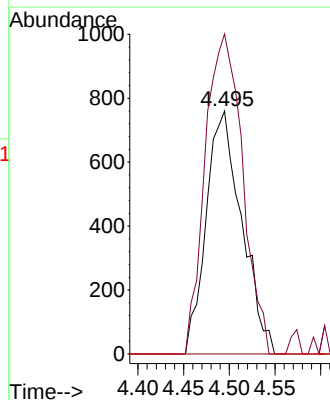
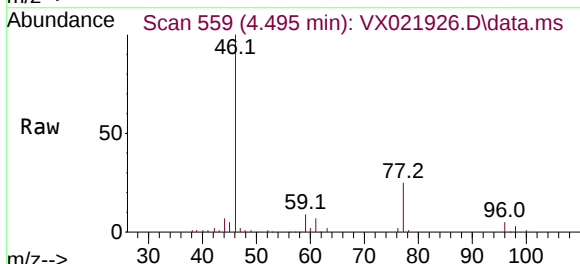
Instrument :
MSVOA_X
ClientSampled :

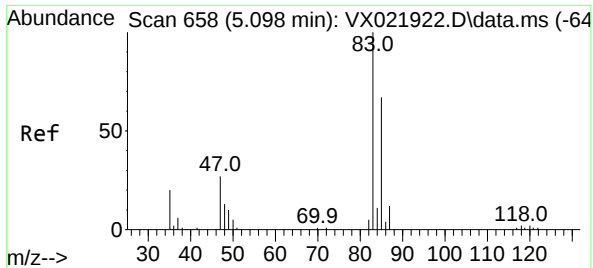
Tgt Ion:	84	Resp:	2626
Ion	Ratio	Lower	Upper
84	100		
86	61.4	46.3	86.1
49	119.3	84.4	156.7



#22
cis-1,2-Dichloroethene
Concen: 0.32 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

Tgt Ion:	96	Resp:	2061
Ion	Ratio	Lower	Upper
96	100		
61	131.7	80.9	150.3
68	0.0	0.0	0.0

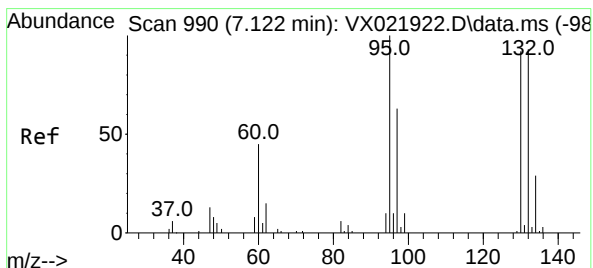
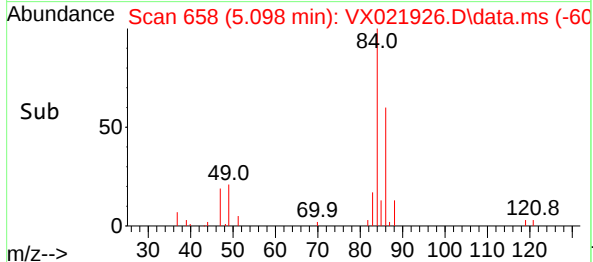
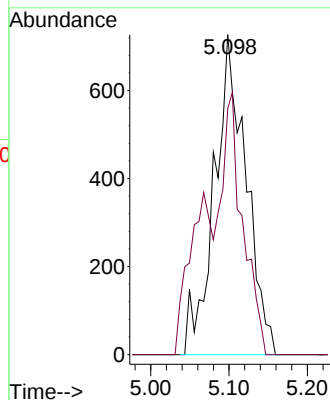
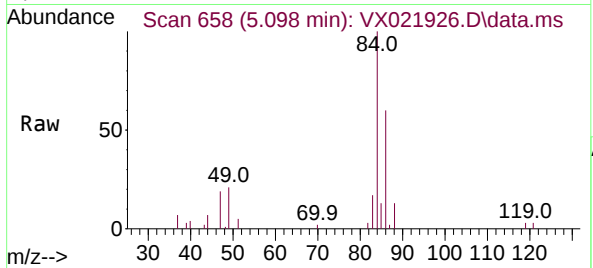




#25
Chloroform
Concen: 0.19 ug/L
RT: 5.098 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

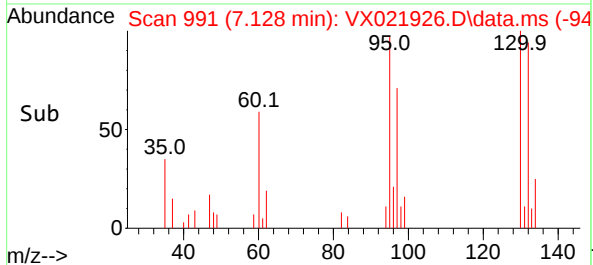
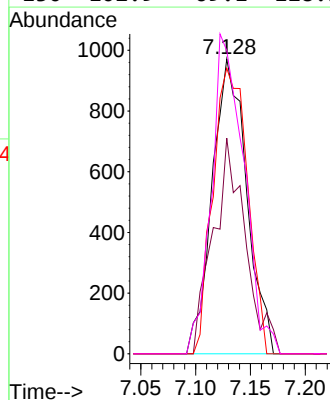
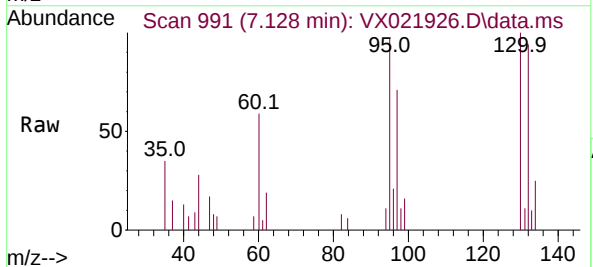
Instrument :
MSVOA_X
ClientSampled :

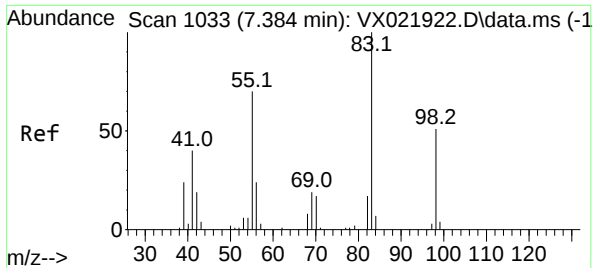
Tgt Ion: 83 Resp: 2039
Ion Ratio Lower Upper
83 100
85 76.9 46.3 86.1



#34
Trichloroethene
Concen: 0.34 ug/L
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

Tgt Ion: 95 Resp: 2119
Ion Ratio Lower Upper
95 100
97 73.2 48.6 90.2
132 96.9 67.3 125.1
130 102.9 69.1 128.3

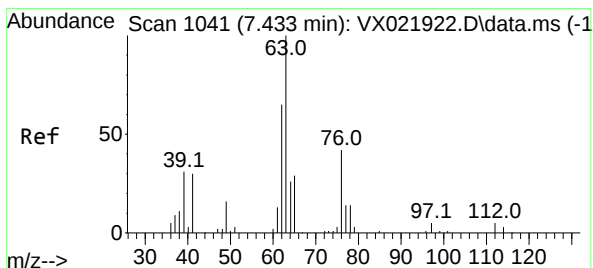
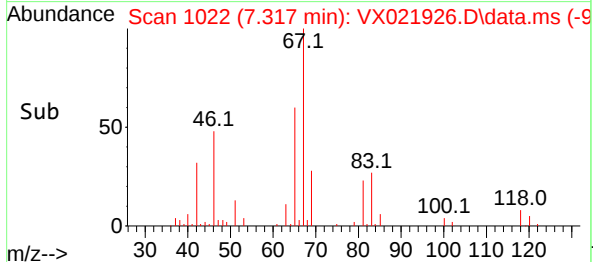
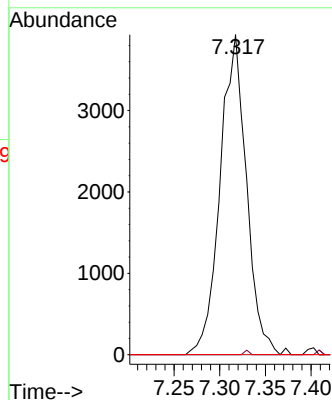
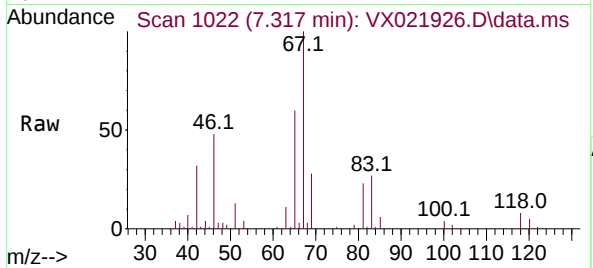




#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 7.317 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

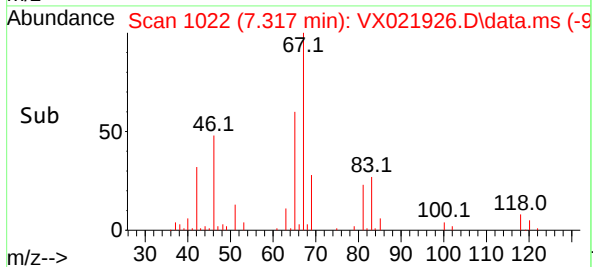
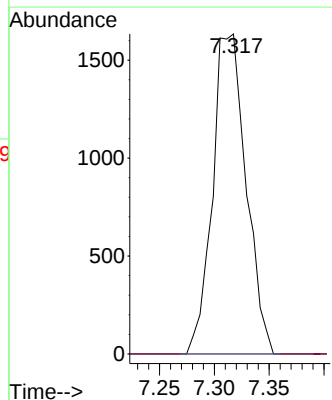
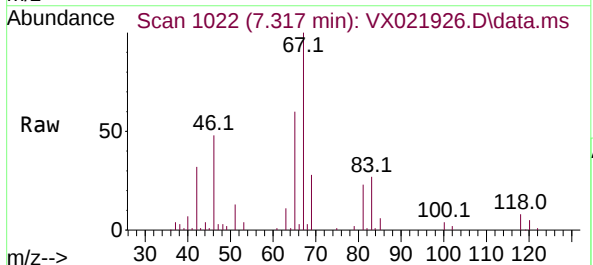
Instrument :
MSVOA_X
ClientSampled :

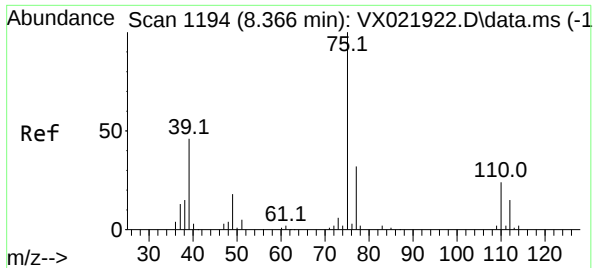
Tgt Ion: 83 Resp: 7863
Ion Ratio Lower Upper
83 100
55 0.3 60.3 90.5#
98 2.3 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 7.317 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

Tgt Ion: 63 Resp: 3471
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



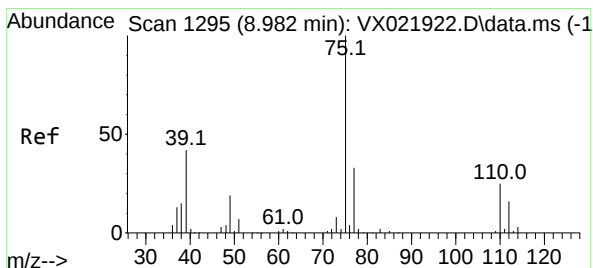
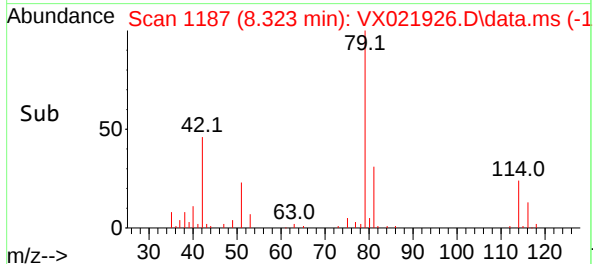
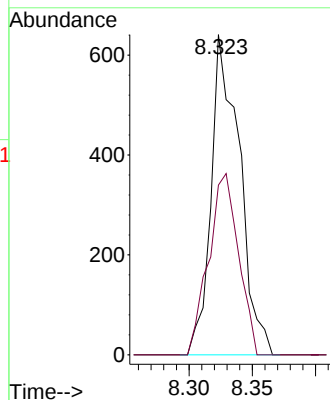
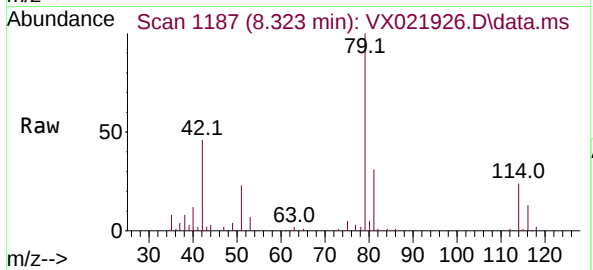


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 8.323 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

Instrument :
MSVOA_X
ClientSampled :

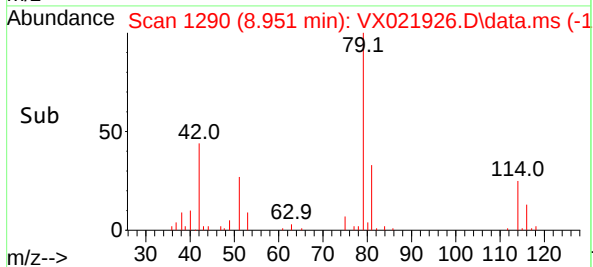
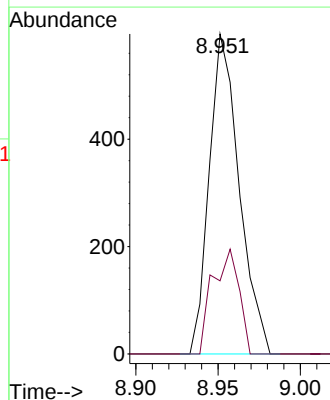
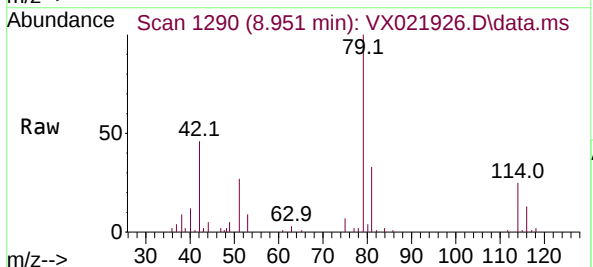
Tgt Ion: 75 Resp: 1001
Ion Ratio Lower Upper
75 100
77 53.0 21.3 39.5#

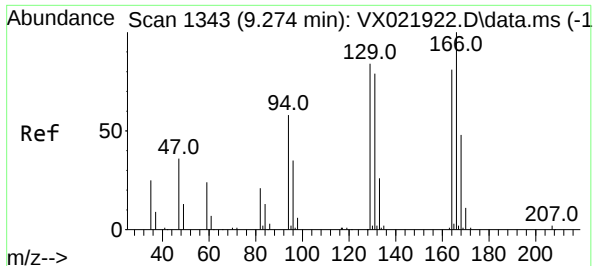


#44

trans-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 8.951 min Scan# 1290
Delta R.T. -0.031 min
Lab File: VX021926.D
Acq: 12 May 2021 14:50

Tgt Ion: 75 Resp: 754
Ion Ratio Lower Upper
75 100
77 22.8 21.6 40.0





#47

Tetrachloroethene

Concen: 7.59 ug/L

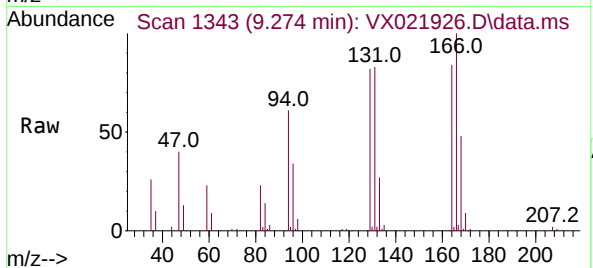
RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX021926.D

Acq: 12 May 2021 14:50

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:164 Resp: 31631

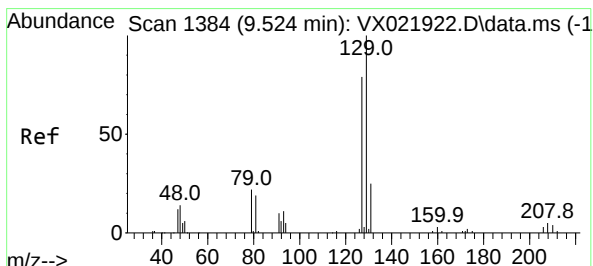
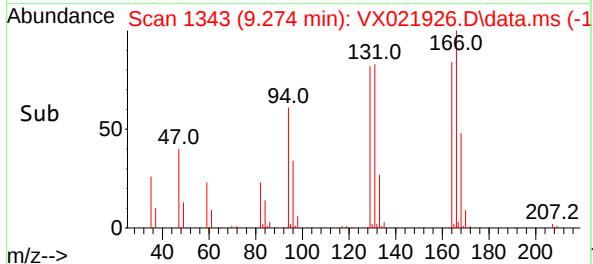
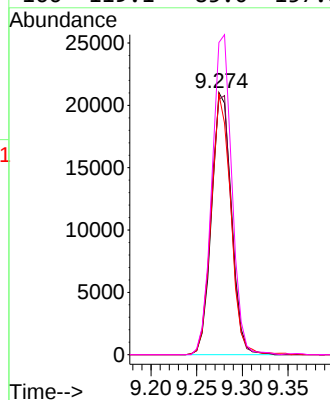
Ion Ratio Lower Upper

164 100

129 97.5 73.1 135.7

131 99.4 69.1 128.3

166 119.1 85.0 157.8



#49

Dibromochloromethane

Concen: 6.81 ug/L

RT: 9.280 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX021926.D

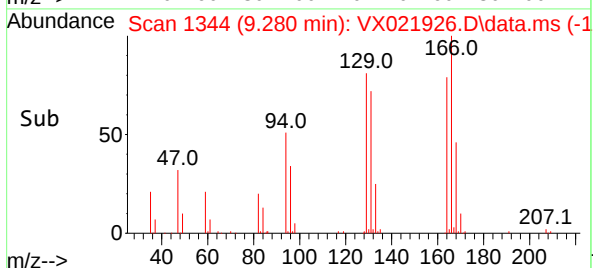
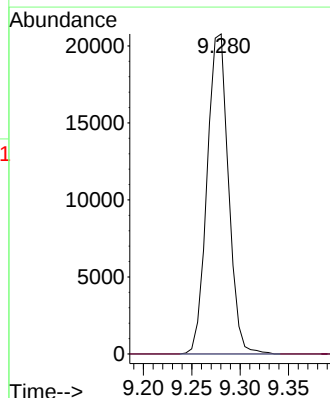
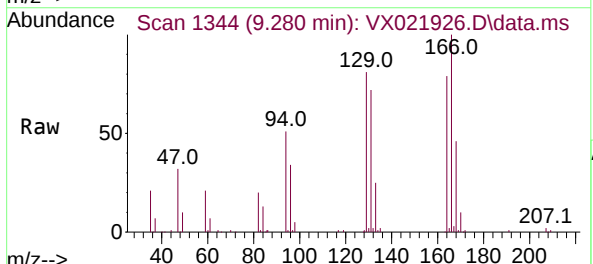
Acq: 12 May 2021 14:50

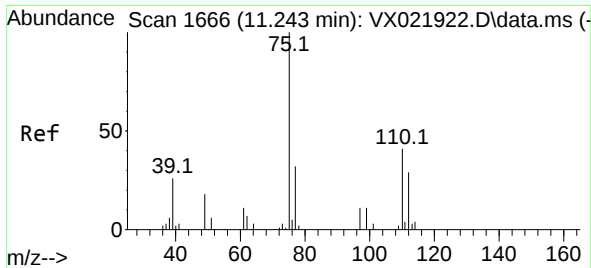
Tgt Ion:129 Resp: 31894

Ion Ratio Lower Upper

129 100

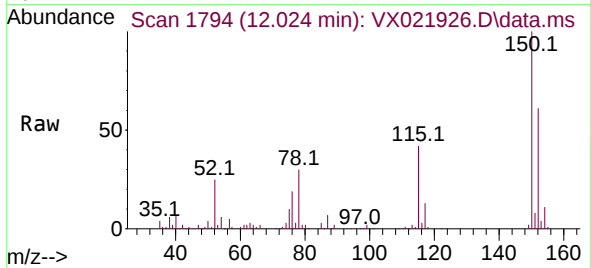
127 0.3 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.44 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.780 min
 Lab File: VX021926.D
 Acq: 12 May 2021 14:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 4722
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 37.0
 110 1.1 32.3 48.5#

