

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051721\
 Data File : VX022030.D
 Acq On : 17 May 2021 13:46
 Operator : JC/MD
 Sample : M2410-08DL 5X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 18 04:19:23 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	71216	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	63727	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	29223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.367	65	25828	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.672	69	21358	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.306	63	36674	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.477	46	64298	46.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.28%
24) Chloroform-d	5.068	84	47357	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.964	65	25073	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.983	84	104861	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	7.312	67	32126	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	8.653	98	98651	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloroprop...	8.958	79	12687	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	9.390	63	54840	44.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.22%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22161	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	30067	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

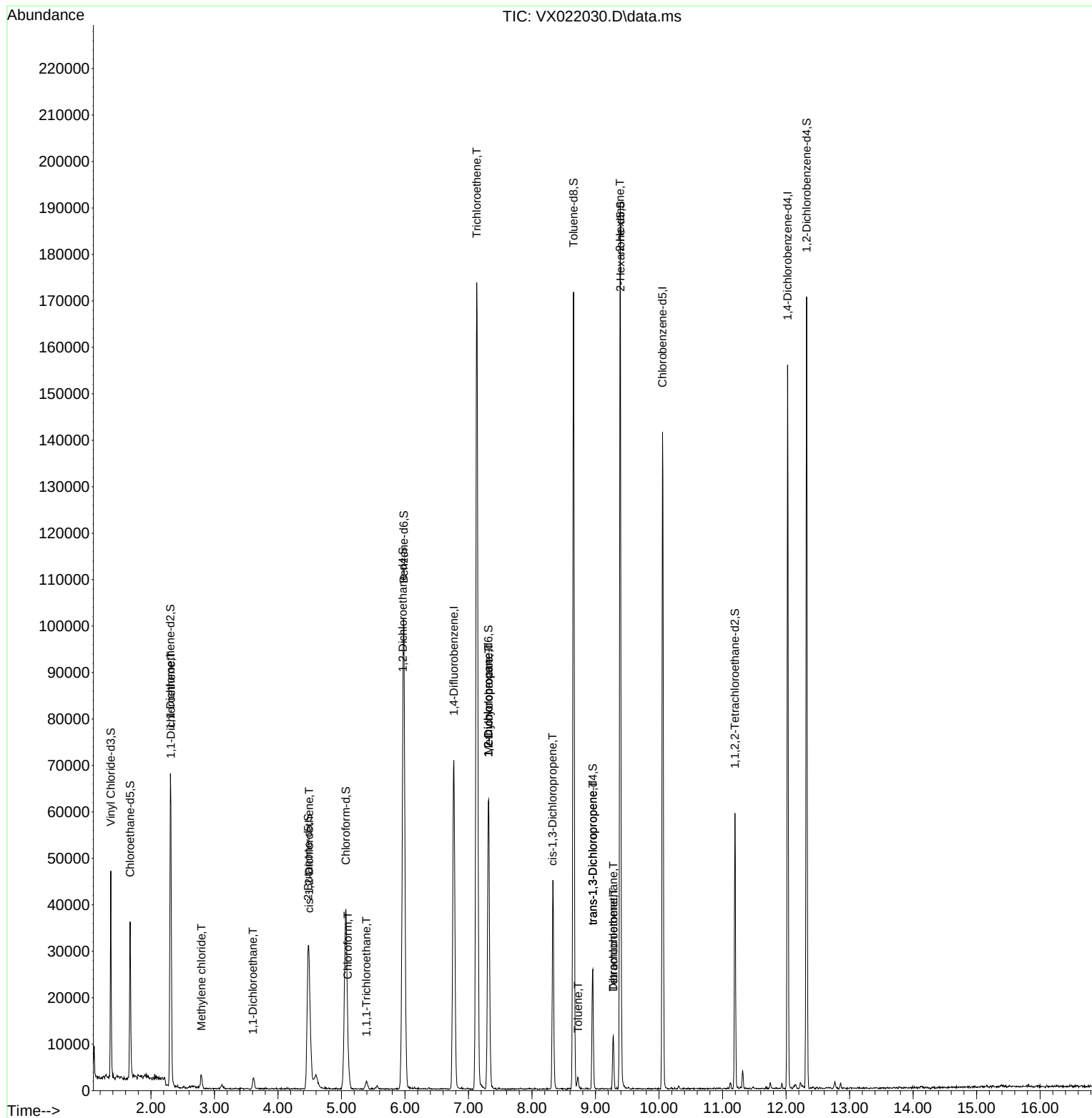
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.312	96	857	0.17	ug/L #	1
16) Methylene chloride	2.794	84	1462	0.21	ug/L	86
19) 1,1-Dichloroethane	3.605	63	2969	0.31	ug/L #	93
22) cis-1,2-Dichloroethene	4.489	96	1074	0.18	ug/L #	52
25) Chloroform	5.099	83	4704	0.47	ug/L	87
29) 1,1,1-Trichloroethane	5.391	97	1364	0.16	ug/L #	91
34) Trichloroethene	7.129	95	65878	11.50	ug/L	93
35) Methylcyclohexane	7.318	83	7397	0.75	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	3572	0.67	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1011	0.12	ug/L	84
42) Toluene	8.726	91	1723	0.07	ug/L	96
44) trans-1,3-Dichloropropene	8.958	75	753	0.11	ug/L	84
47) Tetrachloroethene	9.281	164	1789	0.47	ug/L	83
48) 2-Hexanone	9.384	43	6332	2.72	ug/L #	67
49) Dibromochloromethane	9.281	129	1656	0.38	ug/L #	11

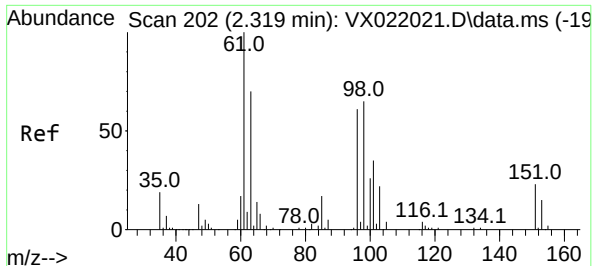
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 18 04:19:23 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





#12

1,1-Dichloroethene

Concen: 0.17 ug/L

RT: 2.312 min Scan# 201

Delta R.T. -0.006 min

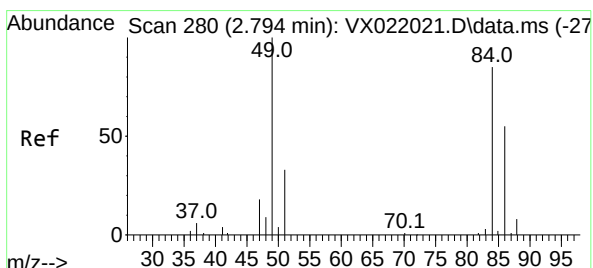
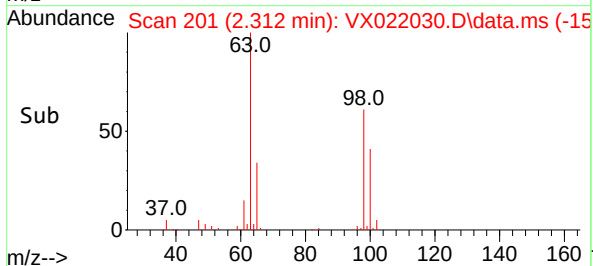
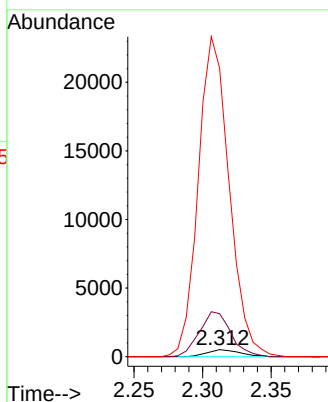
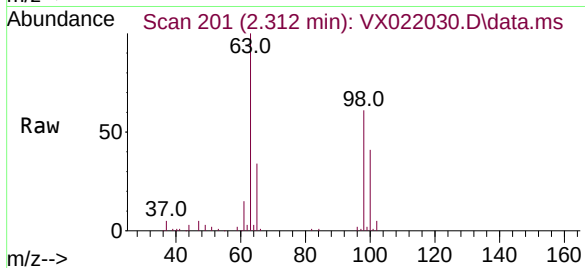
Lab File: VX022030.D

Acq: 17 May 2021 13:46

Tgt Ion: 96 Resp: 857

Ion	Ratio	Lower	Upper
96	100		
61	606.0	106.3	197.3#
63	4065.0	65.0	120.8#

Instrument :
MSVOA_X
ClientSampleId :



#16

Methylene chloride

Concen: 0.21 ug/L

RT: 2.794 min Scan# 280

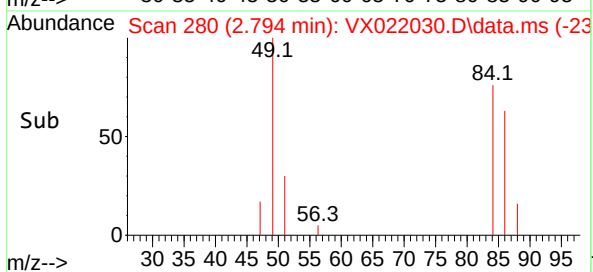
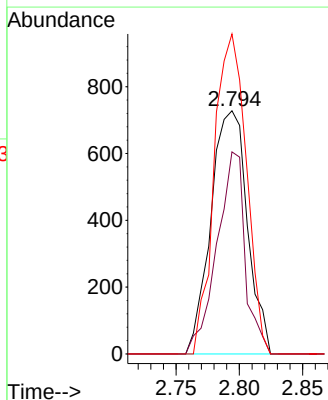
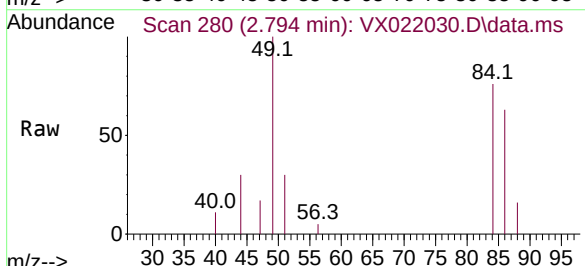
Delta R.T. -0.000 min

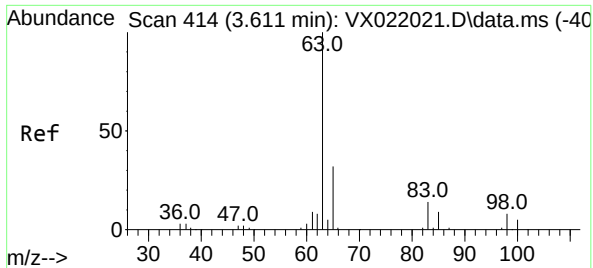
Lab File: VX022030.D

Acq: 17 May 2021 13:46

Tgt Ion: 84 Resp: 1462

Ion	Ratio	Lower	Upper
84	100		
86	83.1	46.3	86.1
49	131.6	84.4	156.7





#19

1,1-Dichloroethane

Concen: 0.31 ug/L

RT: 3.605 min Scan# 413

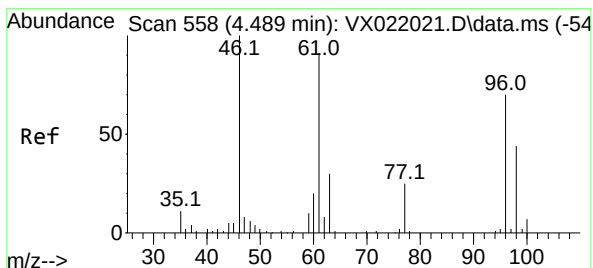
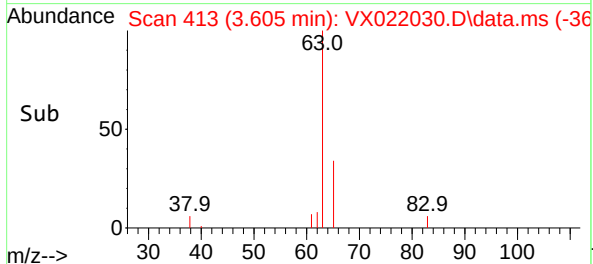
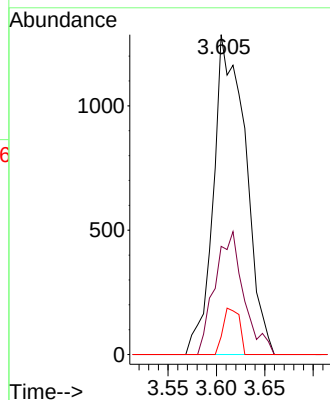
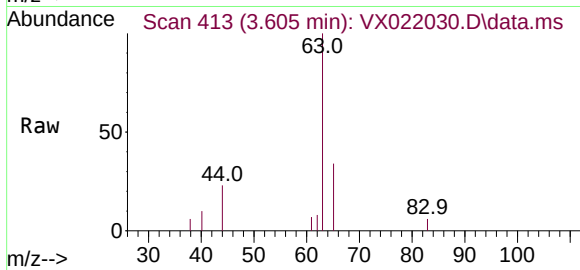
Delta R.T. -0.006 min

Lab File: VX022030.D

Acq: 17 May 2021 13:46

Tgt Ion:	63	Resp:	2969
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.5	41.9
83	5.6	8.7	16.1#

Instrument :
MSVOA_X
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.18 ug/L

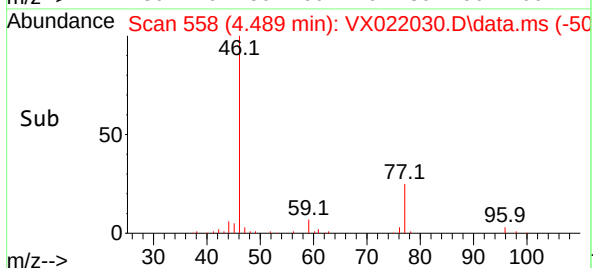
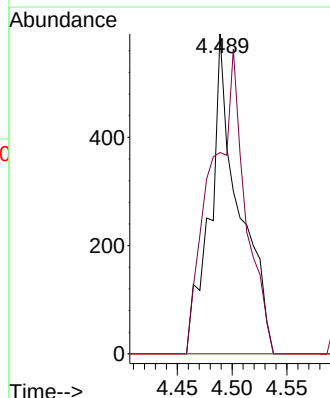
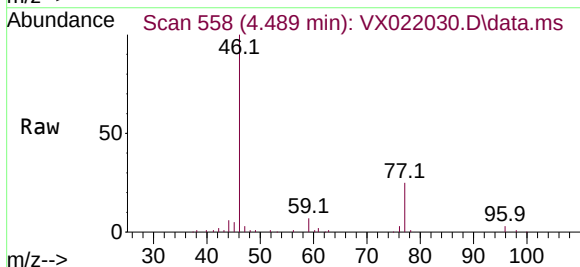
RT: 4.489 min Scan# 558

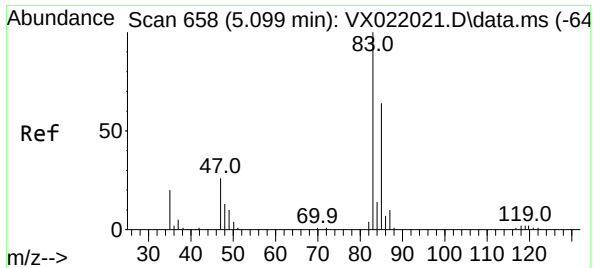
Delta R.T. -0.000 min

Lab File: VX022030.D

Acq: 17 May 2021 13:46

Tgt Ion:	96	Resp:	1074
Ion	Ratio	Lower	Upper
96	100		
61	62.9	80.9	150.3#
68	0.0	0.0	0.0

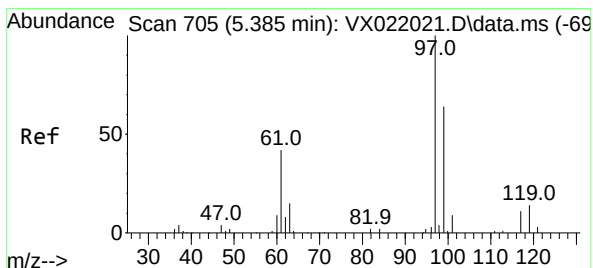
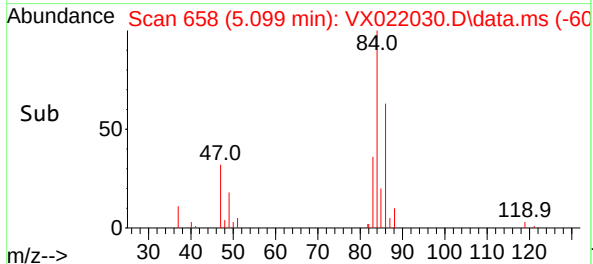
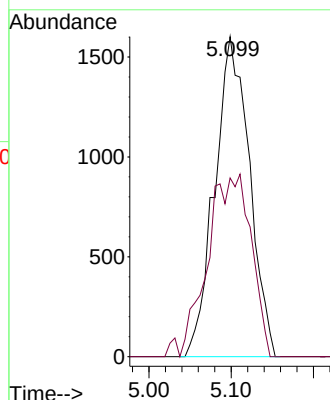
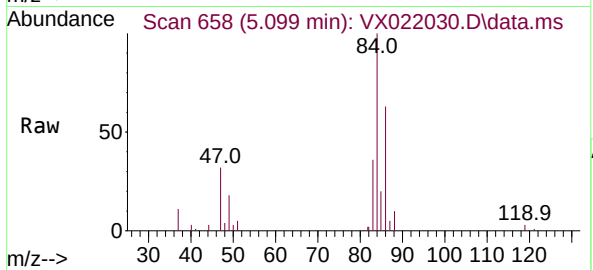




#25
Chloroform
Concen: 0.47 ug/L
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46

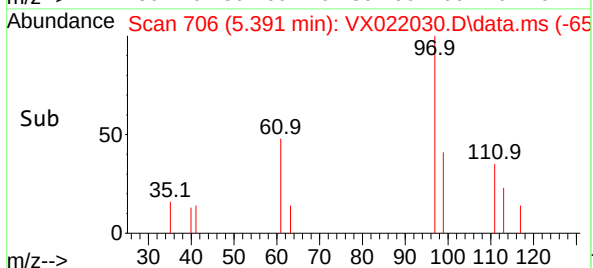
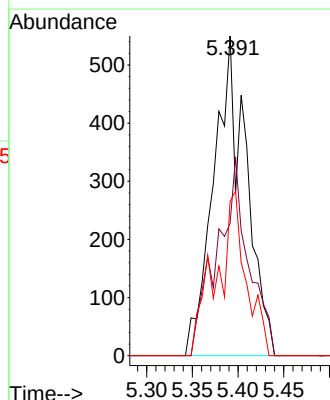
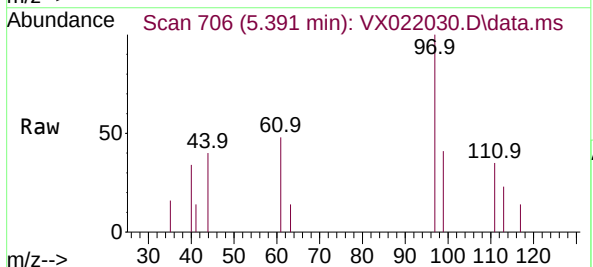
Instrument :
MSVOA_X
ClientSampled :

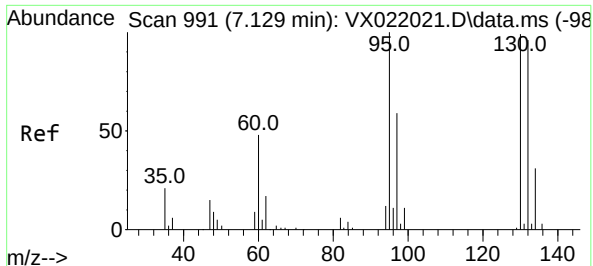
Tgt Ion: 83 Resp: 4704
Ion Ratio Lower Upper
83 100
85 55.9 46.3 86.1



#29
1,1,1-Trichloroethane
Concen: 0.16 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46

Tgt Ion: 97 Resp: 1364
Ion Ratio Lower Upper
97 100
99 60.1 51.4 77.0
61 35.3 35.4 53.2#



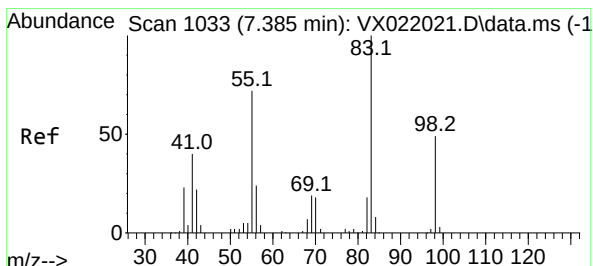
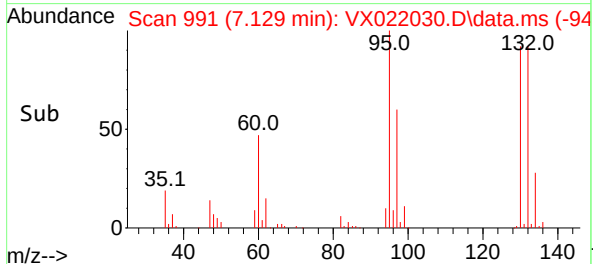
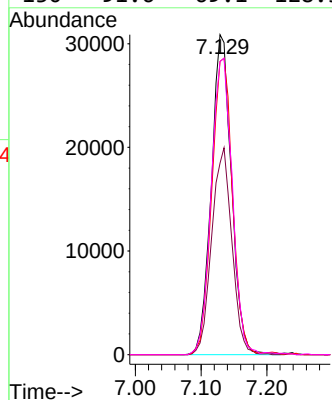
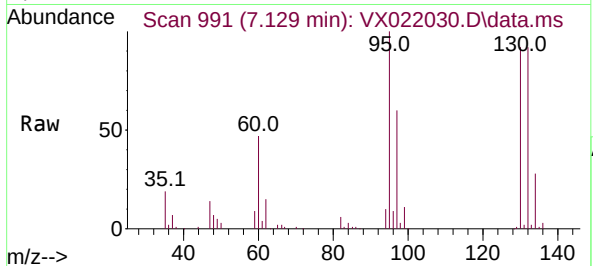


#34
Trichloroethene
Concen: 11.50 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 95 Resp: 65878

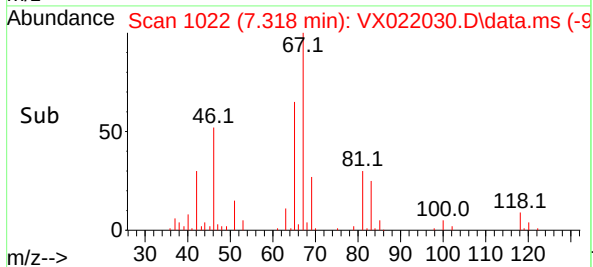
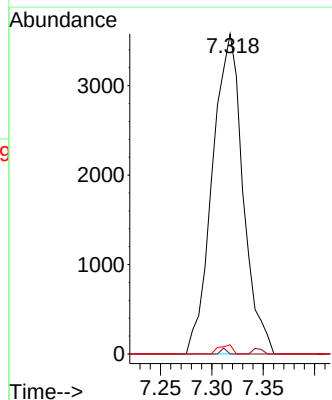
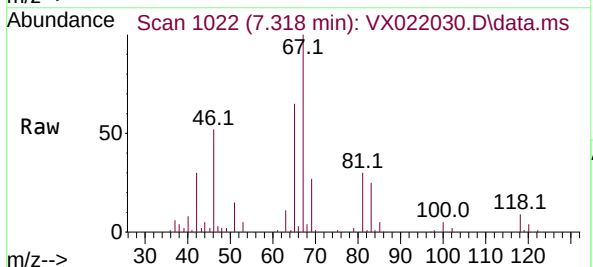
Ion	Ratio	Lower	Upper
95	100		
97	59.8	48.6	90.2
132	91.6	67.3	125.1
130	91.6	69.1	128.3

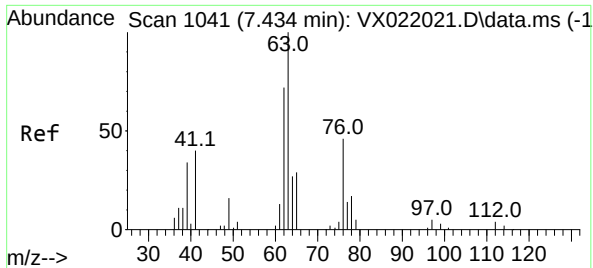


#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46

Tgt Ion: 83 Resp: 7397

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.3	90.5#
98	1.3	39.4	59.2#

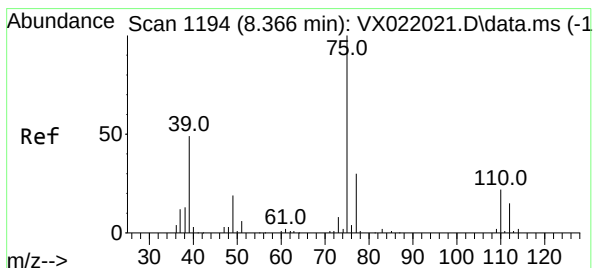
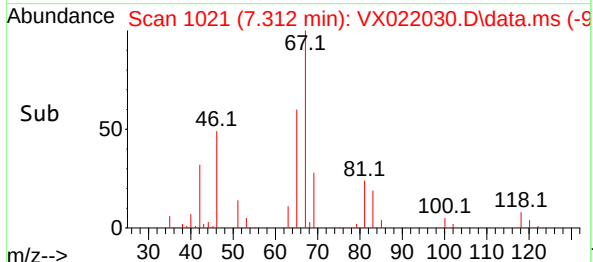
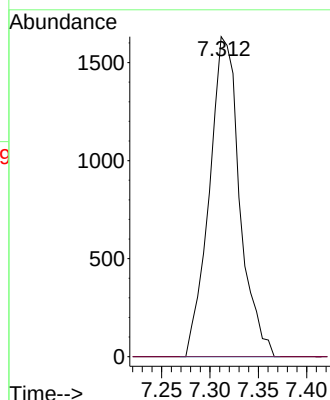
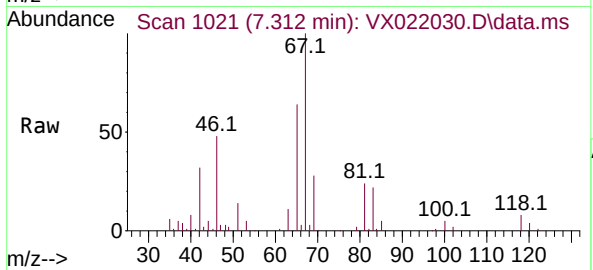




#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46

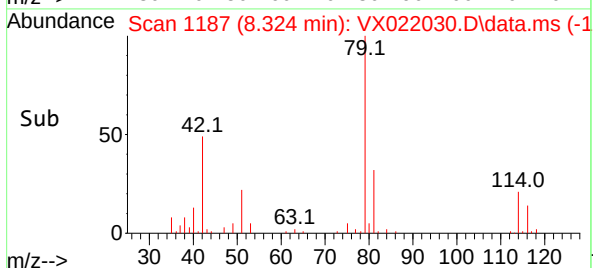
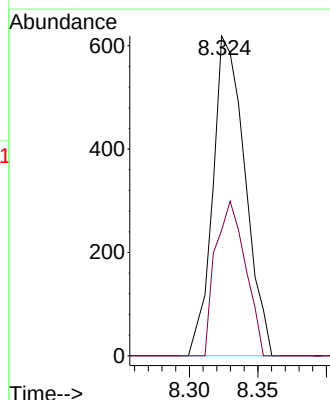
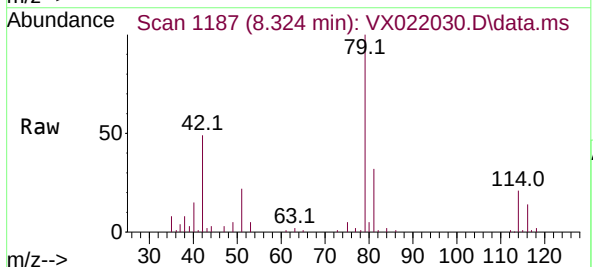
Instrument :
MSVOA_X
ClientSampled :

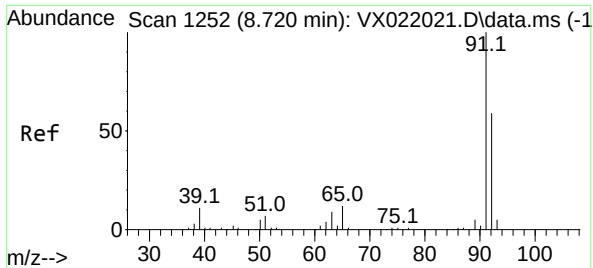
Tgt Ion: 63 Resp: 3572
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46

Tgt Ion: 75 Resp: 1011
Ion Ratio Lower Upper
75 100
77 39.3 21.3 39.5

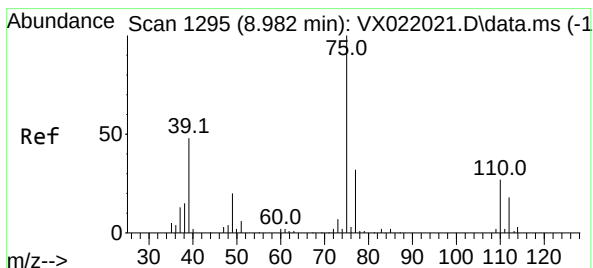
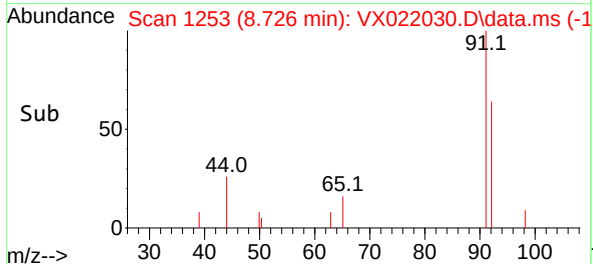
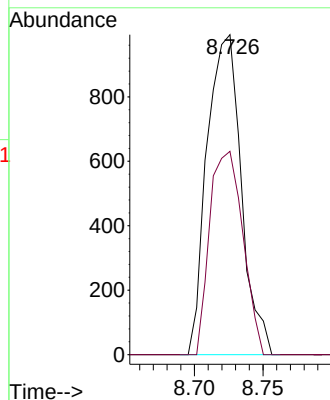
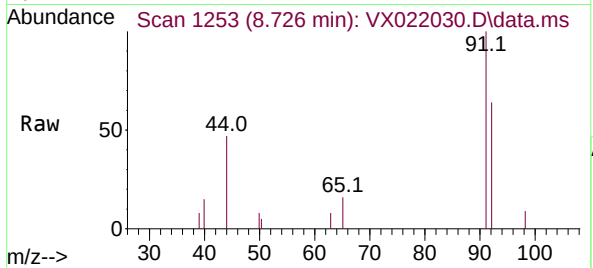




#42
Toluene
Concen: 0.07 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46

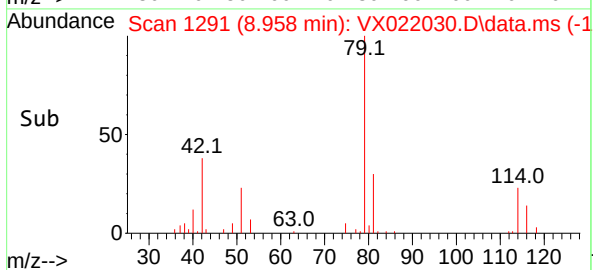
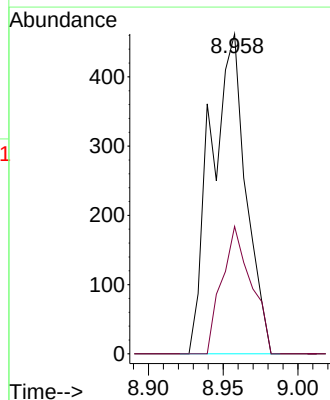
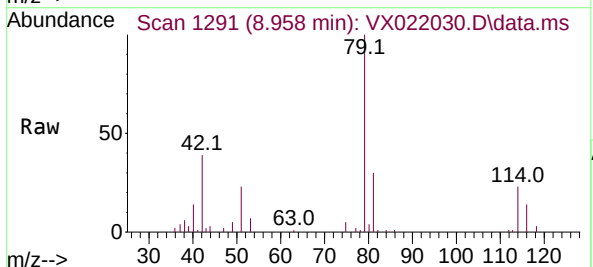
Instrument :
MSVOA_X
ClientSampled :

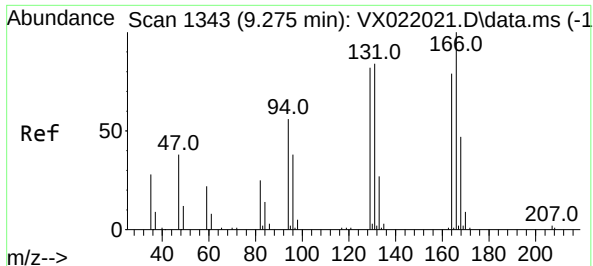
Tgt Ion: 91 Resp: 1723
Ion Ratio Lower Upper
91 100
92 63.5 42.1 78.3



#44
trans-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46

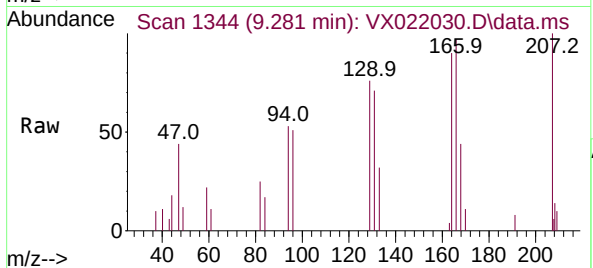
Tgt Ion: 75 Resp: 753
Ion Ratio Lower Upper
75 100
77 39.8 21.6 40.0



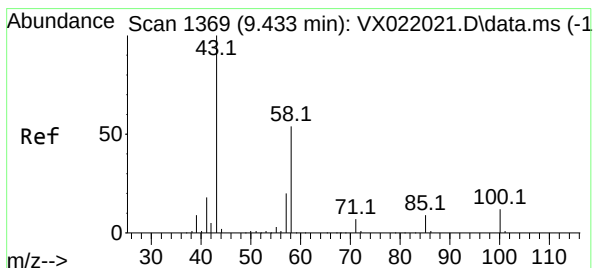
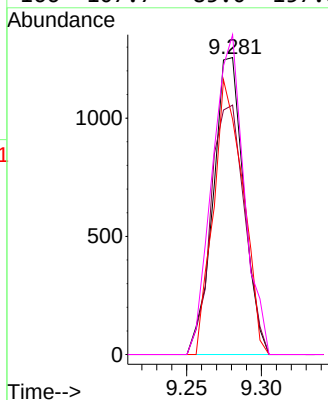
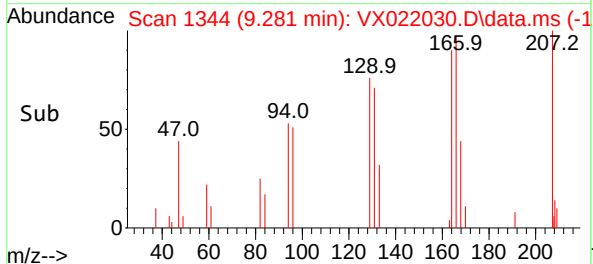


#47
Tetrachloroethene
Concen: 0.47 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46

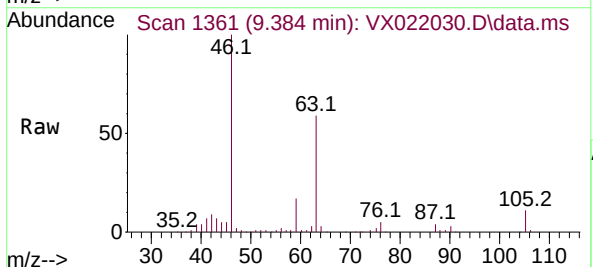
Instrument :
MSVOA_X
ClientSampled :



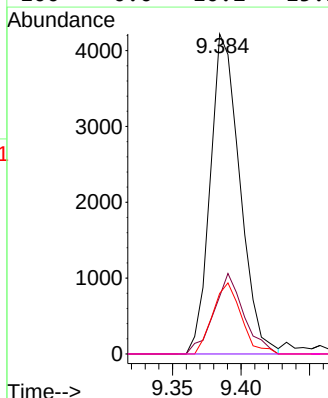
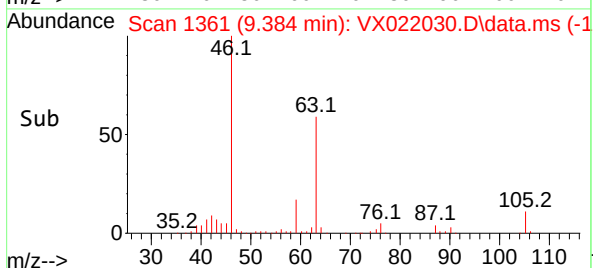
Tgt Ion:164 Resp: 1789
Ion Ratio Lower Upper
164 100
129 84.0 73.1 135.7
131 79.2 69.1 128.3
166 107.7 85.0 157.8

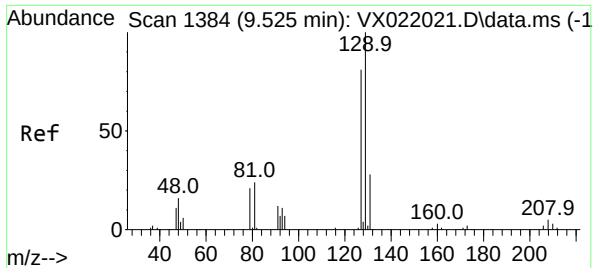


#48
2-Hexanone
Concen: 2.72 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX022030.D
Acq: 17 May 2021 13:46



Tgt Ion: 43 Resp: 6332
Ion Ratio Lower Upper
43 100
58 25.4 44.6 67.0#
57 21.5 14.8 22.2
100 0.0 10.2 15.2#





#49
 Dibromochloromethane
 Concen: 0.38 ug/L
 RT: 9.281 min Scan# 1344
 Delta R.T. -0.244 min
 Lab File: VX022030.D
 Acq: 17 May 2021 13:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:129 Resp: 1656
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.5 99.5#

