

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\Not Reviewed Data\
 Data File : VX036040.D
 Acq On : 06 Jun 2023 18:08
 Operator : JC/MD
 Sample : 02992-10 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C13

Quant Time: Jun 08 15:29:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

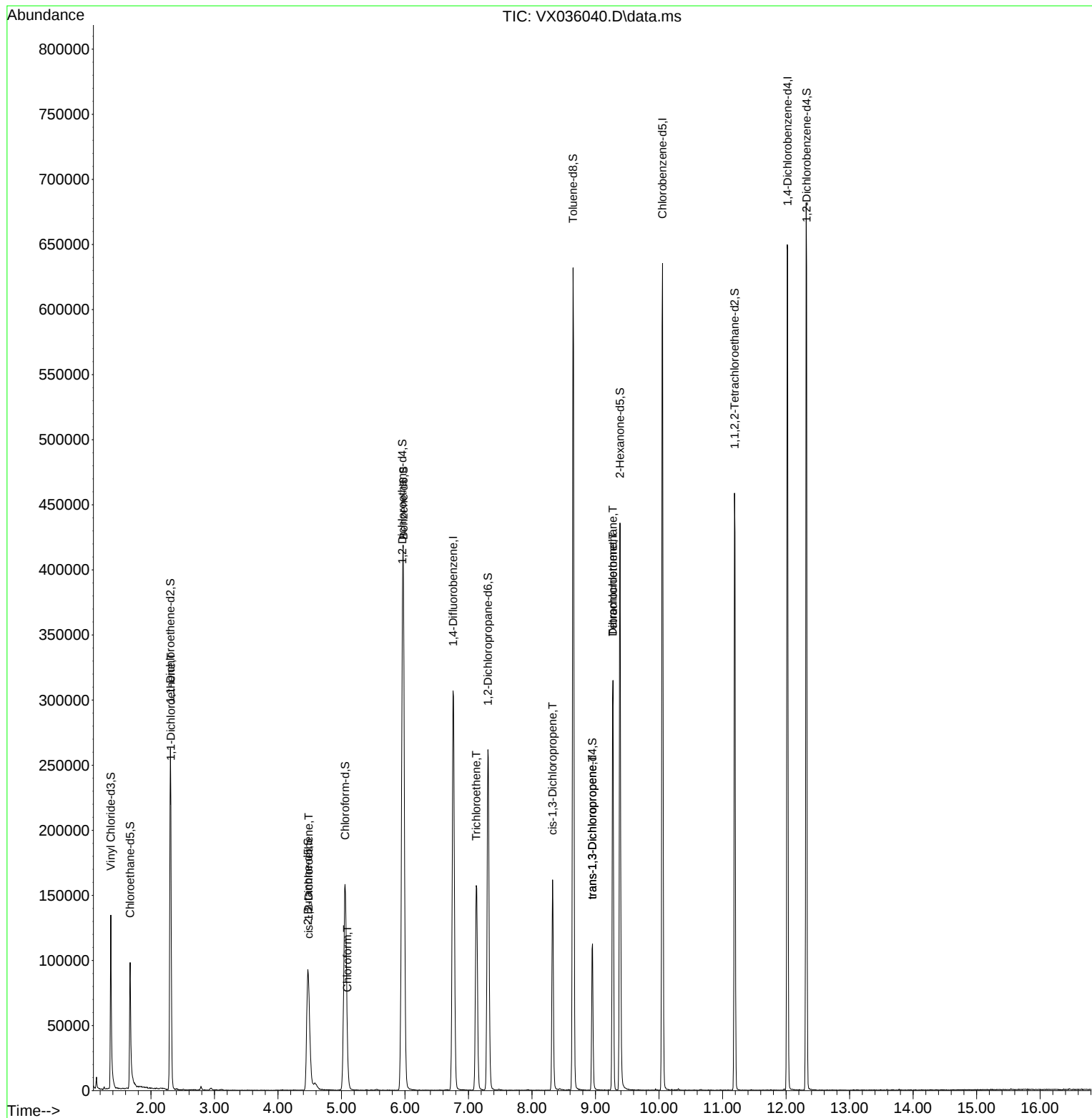
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	297399	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	278021	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129638	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	97108	48.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.120%
7) Chloroethane-d5	1.672	69	76243	49.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.306	65	48482	47.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.640%
21) 2-Butanone-d5	4.471	46	173370	104.680	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.680%
24) Chloroform-d	5.056	84	199109	47.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	5.958	65	153245	49.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.680%
32) Benzene-d6	5.976	84	393664	47.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.140%
36) 1,2-Dichloropropane-d6	7.305	67	128210	49.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	8.647	98	366454	47.606	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
43) trans-1,3-Dichloroprop...	8.952	79	53057	42.519	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.040%
47) 2-Hexanone-d5	9.384	63	121041	104.566	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.570%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	172773	48.658	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	128013	50.861	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.720%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.312	96	1254	0.635	ug/L #	1
20) cis-1,2-Dichloroethene	4.483	96	6961	2.865	ug/L	96
25) Chloroform	5.092	83	8341	1.816	ug/L	94
34) Trichloroethene	7.123	95	61972	24.842	ug/L	91
39) cis-1,3-Dichloropropene	8.324	75	4007	1.055	ug/L	86
44) trans-1,3-Dichloropropene	8.952	75	2744	0.772	ug/L	99
46) Tetrachloroethene	9.275	164	55101	31.585	ug/L	95
49) Dibromochloromethane	9.275	129	57150	25.317	ug/L #	11

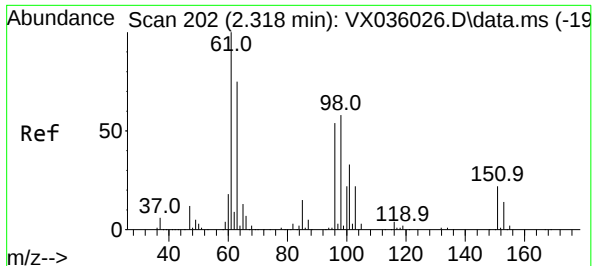
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 07 05:37:48 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.635 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX036040.D

Acq: 06 Jun 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

F6C13

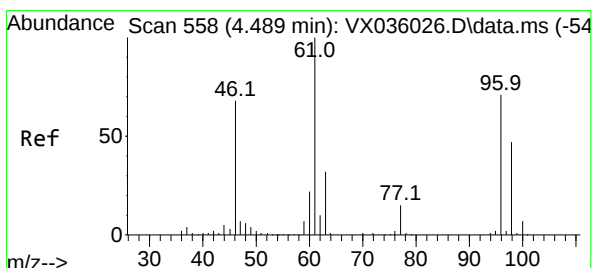
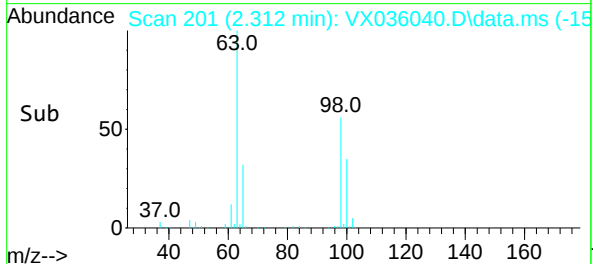
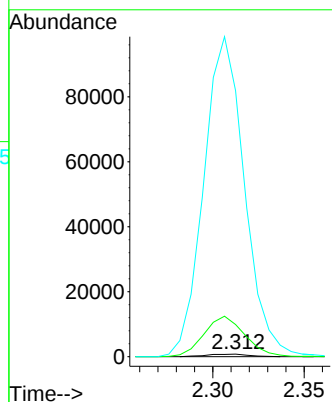
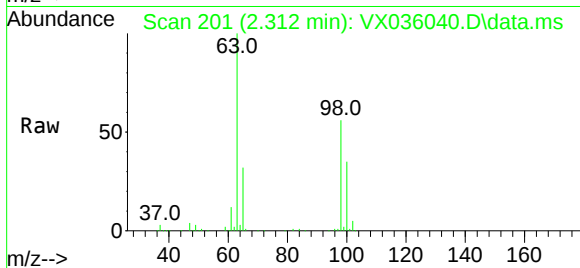
Tgt Ion: 96 Resp: 1254

Ion Ratio Lower Upper

96 100

61 1250.9 132.5 246.1#

63 10327.4 95.1 176.7#



#20

cis-1,2-Dichloroethene

Concen: 2.865 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX036040.D

Acq: 06 Jun 2023 18:08

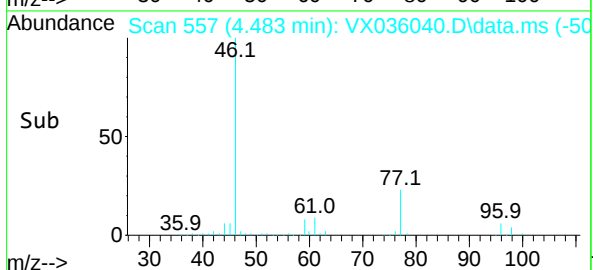
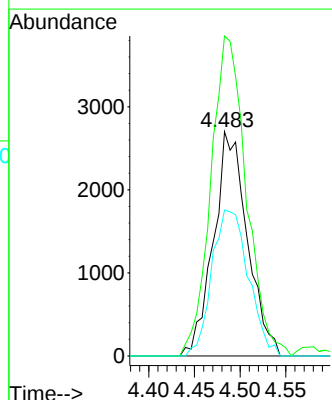
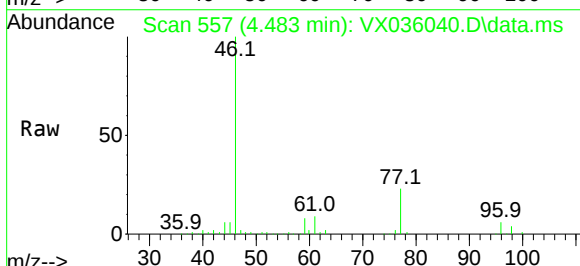
Tgt Ion: 96 Resp: 6961

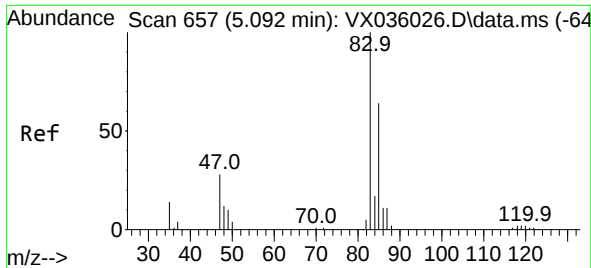
Ion Ratio Lower Upper

96 100

61 142.7 94.7 175.9

98 65.0 45.4 84.4

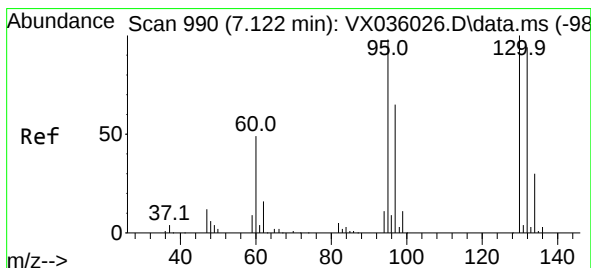
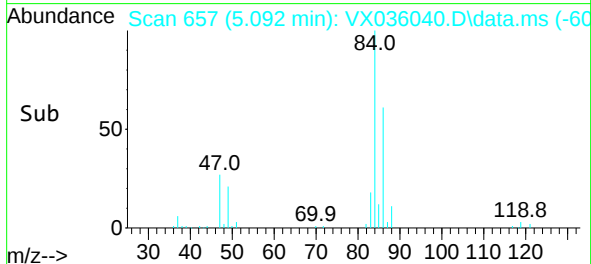
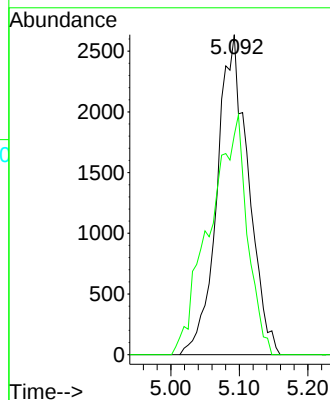
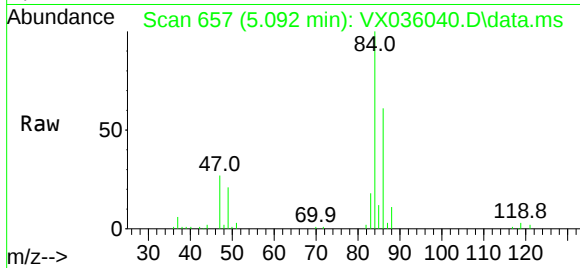




#25
Chloroform
Concen: 1.816 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036040.D
Acq: 06 Jun 2023 18:08

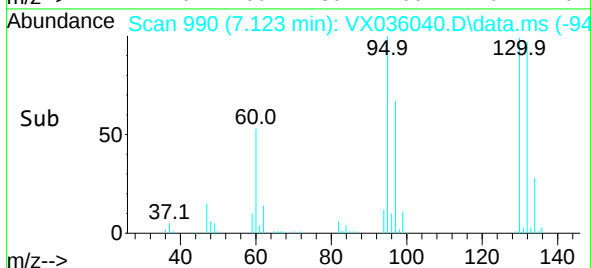
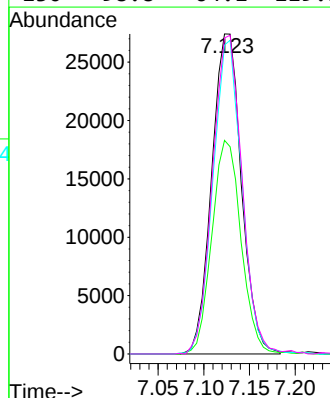
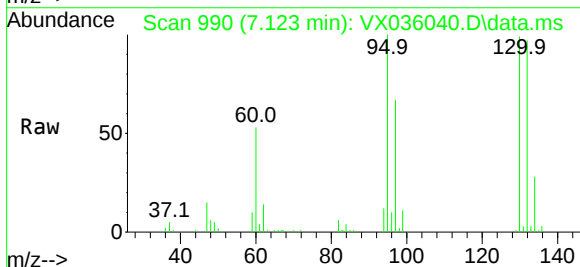
Instrument :
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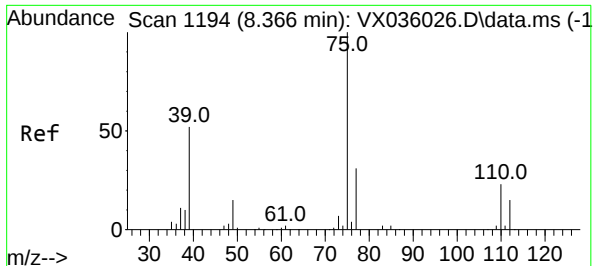
Tgt Ion: 83 Resp: 8341
Ion Ratio Lower Upper
83 100
85 68.6 45.0 83.6



#34
Trichloroethene
Concen: 24.842 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036040.D
Acq: 06 Jun 2023 18:08

Tgt Ion: 95 Resp: 61972
Ion Ratio Lower Upper
95 100
97 66.7 43.6 81.0
132 96.5 59.9 111.3
130 98.8 64.1 119.1





#39

cis-1,3-Dichloropropene

Concen: 1.055 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX036040.D

Acq: 06 Jun 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

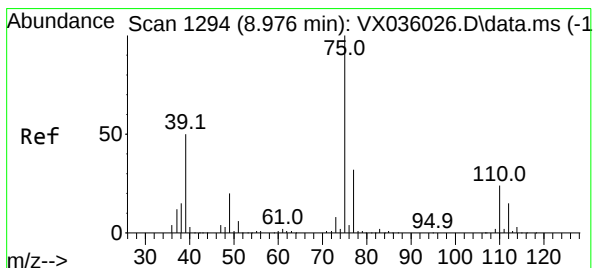
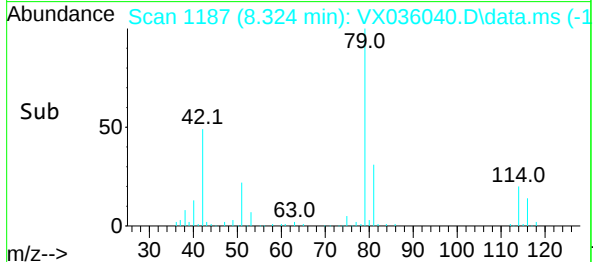
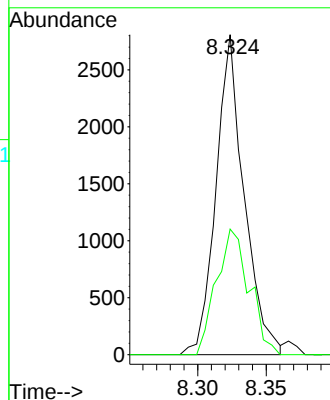
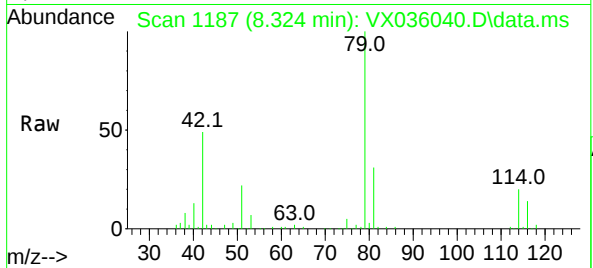
F6C13

Tgt Ion: 75 Resp: 4007

Ion Ratio Lower Upper

75 100

77 39.3 21.9 40.7



#44

trans-1,3-Dichloropropene

Concen: 0.772 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX036040.D

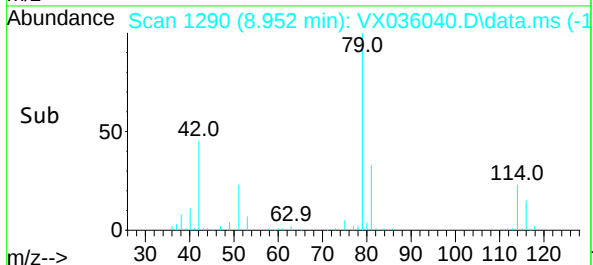
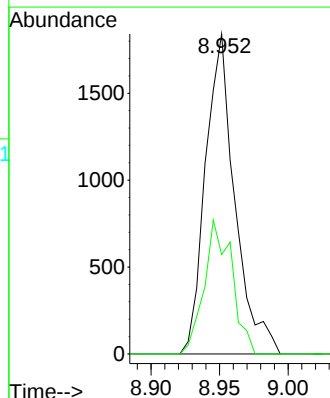
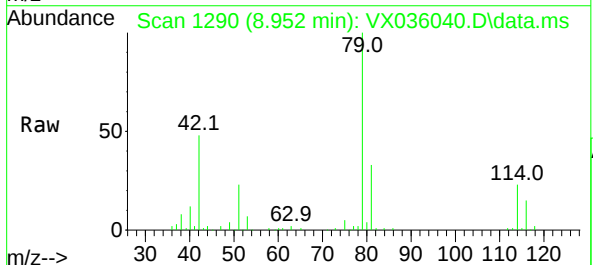
Acq: 06 Jun 2023 18:08

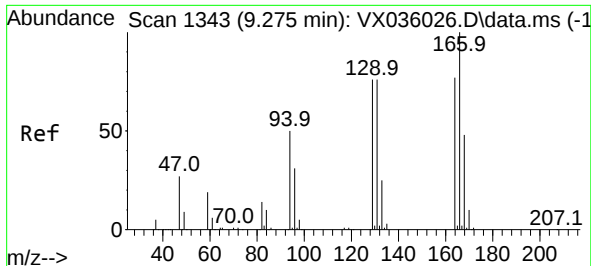
Tgt Ion: 75 Resp: 2744

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0

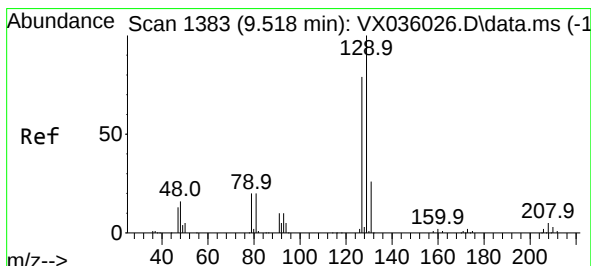
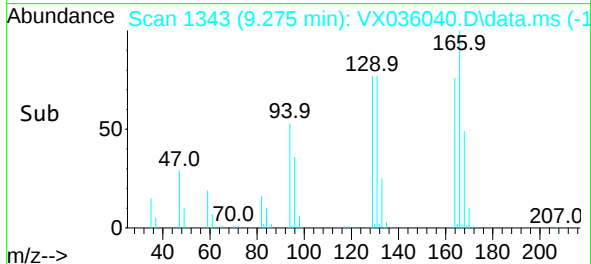
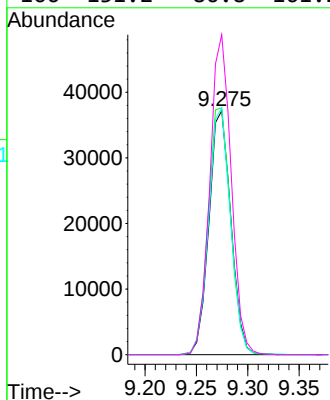
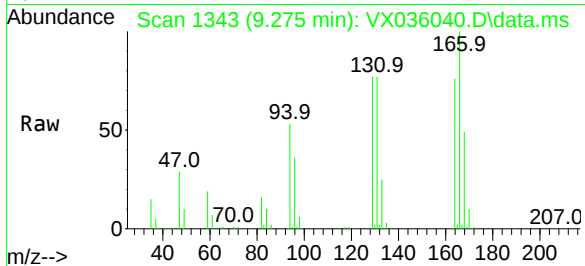




#46
Tetrachloroethene
Concen: 31.585 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036040.D
Acq: 06 Jun 2023 18:08

Instrument :
MSVOA_X
ClientSampleId :
F6C13

Tgt Ion:164 Resp: 55101
Ion Ratio Lower Upper
164 100
129 101.2 74.8 139.0
131 101.1 68.9 127.9
166 131.2 86.8 161.2



#49
Dibromochloromethane
Concen: 25.317 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX036040.D
Acq: 06 Jun 2023 18:08

Tgt Ion:129 Resp: 57150
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#

