

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030276.D
 Acq On : 21 Mar 2023 14:35
 Operator : SY/MD
 Sample : 01996-07DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A28DL

Quant Time: Mar 22 06:06:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

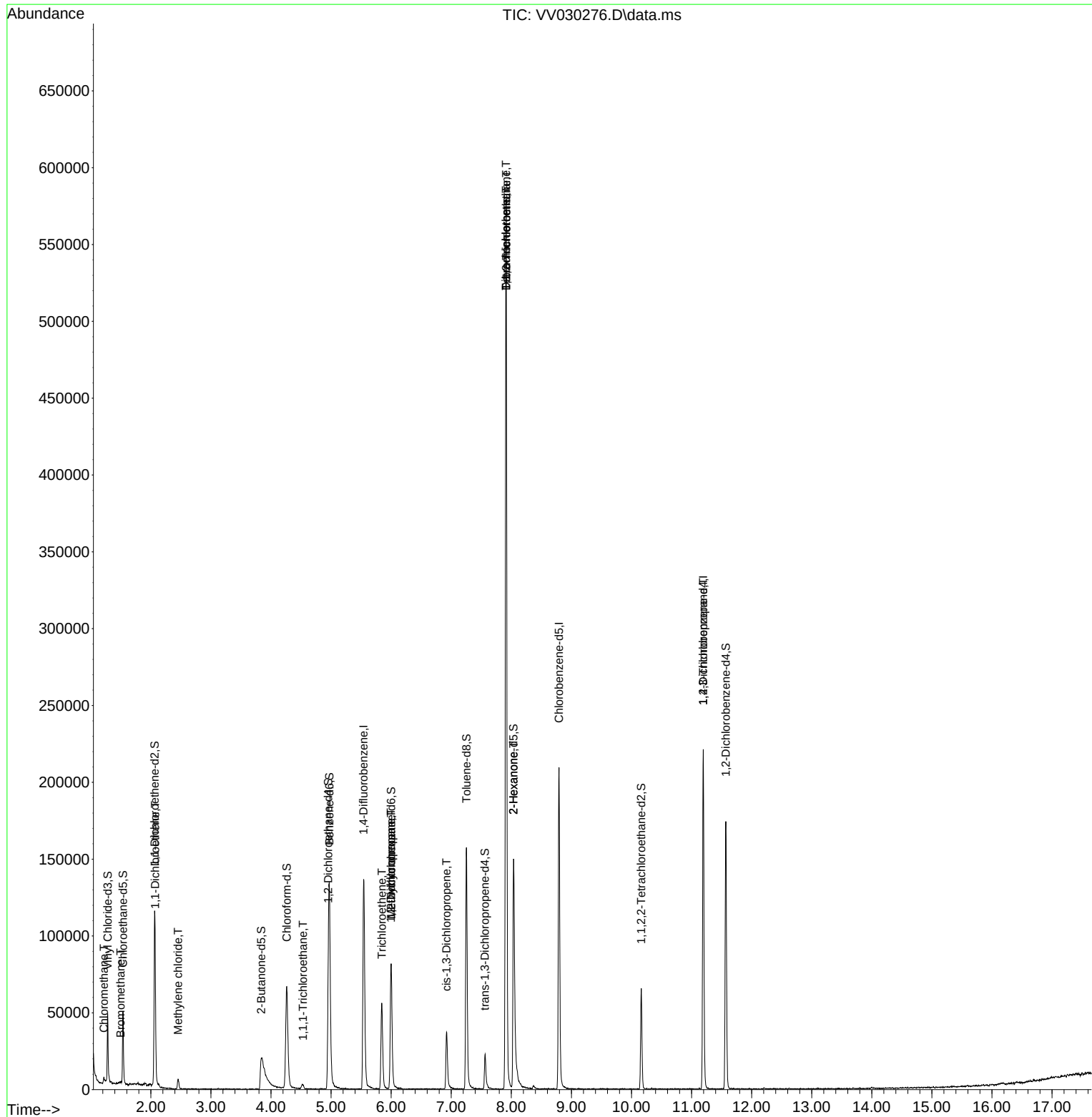
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	121064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	117364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27914	3.563	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.536	69	28245	3.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.063	63	54834	3.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.838	46	68796	47.634	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.260%
24) Chloroform-d	4.262	84	68320	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.953	65	36185	5.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	4.973	84	119127	3.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	5.998	67	36070	3.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.252	98	105572	3.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.561	79	13714	4.219	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.037	63	59636	44.347	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29307	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	44706	4.477	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2316	0.149	ug/L	85
6) Bromomethane	1.497	94	222	0.120	ug/L	86
12) 1,1-Dichloroethene	2.073	96	8965	1.103	ug/L #	1
16) Methylene chloride	2.452	84	2382	0.240	ug/L	98
29) 1,1,1-Trichloroethane	4.529	97	2386	0.173	ug/L #	84
34) Trichloroethene	5.844	95	19654	2.188	ug/L	96
35) Methylcyclohexane	5.998	83	9695	0.713	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	5121	0.628	ug/L #	88
39) cis-1,3-Dichloropropene	6.918	75	1122	0.094	ug/L #	46
45) 1,1,2-Trichloroethane	7.915	97	1170	0.201	ug/L #	43
47) Tetrachloroethene	7.912	164	129557	16.805	ug/L	99
48) 2-Hexanone	8.037	43	7233	3.003	ug/L #	60
49) Dibromochloromethane	7.912	129	110283	16.152	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6474	1.639	ug/L #	65

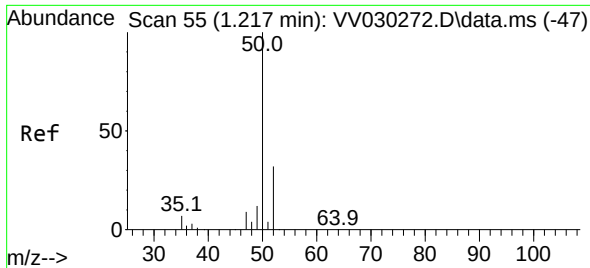
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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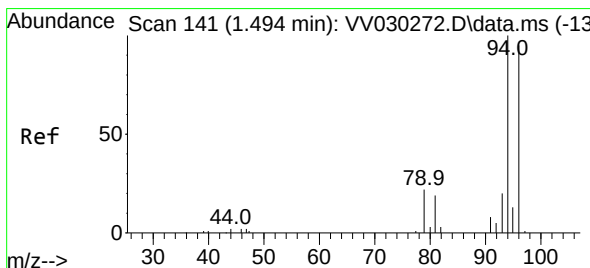
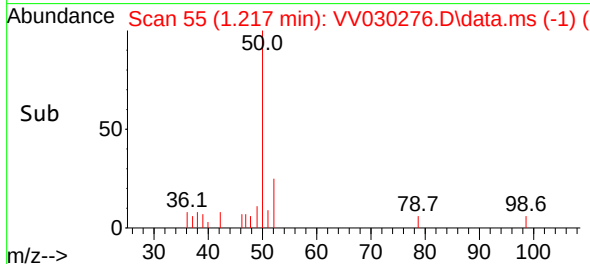
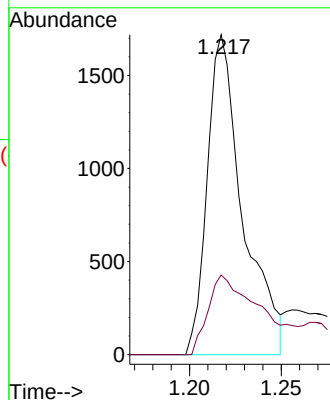
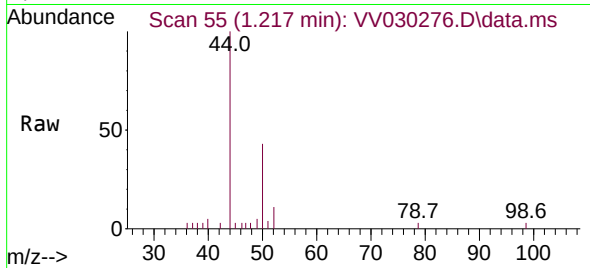




#3
Chloromethane
Concen: 0.149 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030276.D
Acq: 21 Mar 2023 14:35

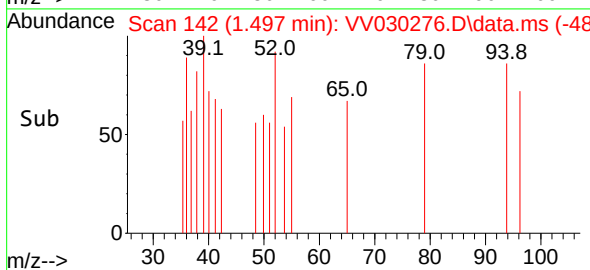
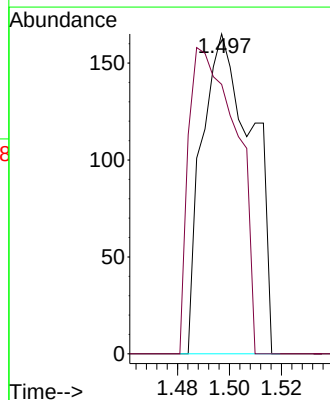
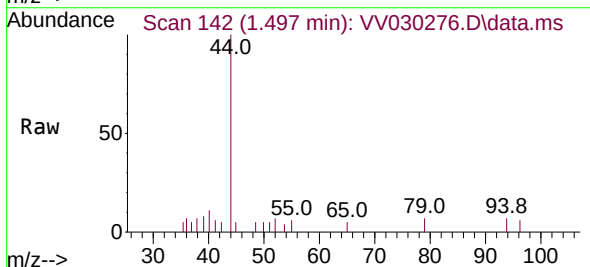
Instrument :
MSVOA_V
ClientSampleId :
H0A28DL

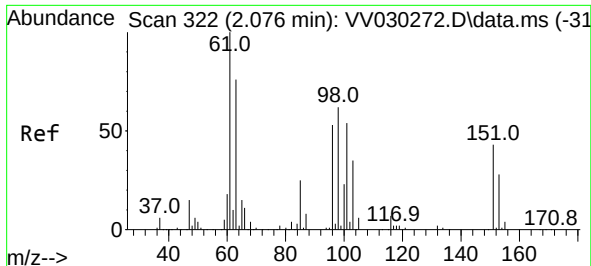
Tgt Ion: 50 Resp: 2316
Ion Ratio Lower Upper
50 100
52 24.9 23.6 43.8



#6
Bromomethane
Concen: 0.120 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.003 min
Lab File: VV030276.D
Acq: 21 Mar 2023 14:35

Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 84.2 68.4 127.0

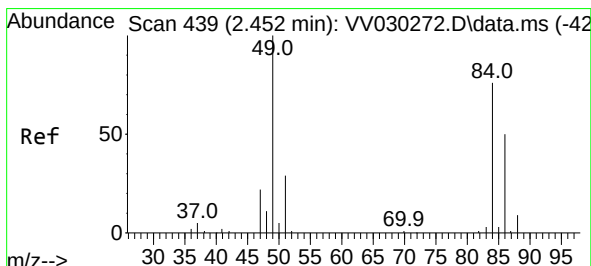
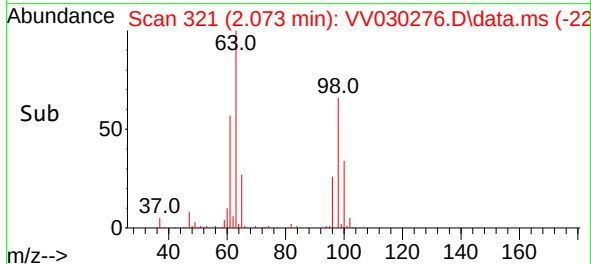
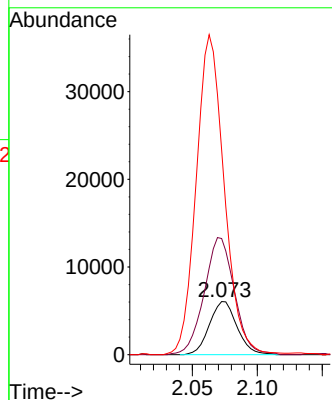
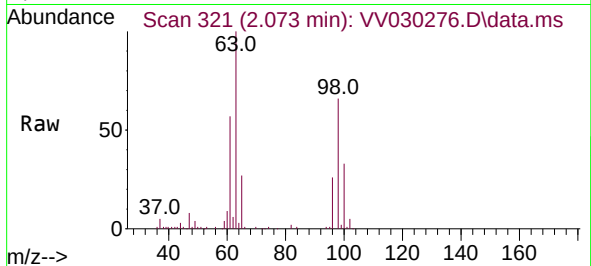




#12
1,1-Dichloroethene
Concen: 1.103 ug/L
RT: 2.073 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030276.D
Acq: 21 Mar 2023 14:35

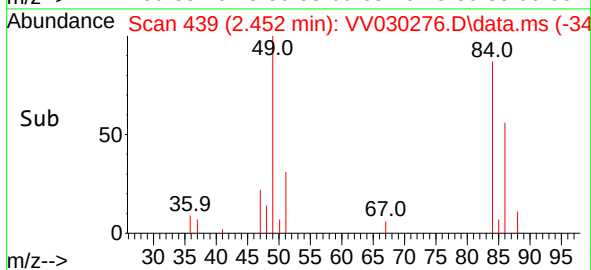
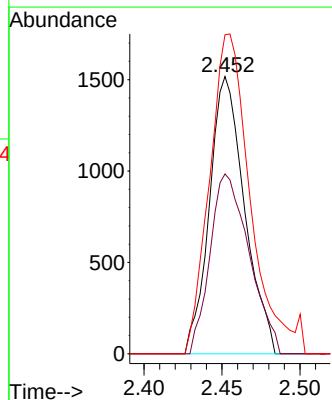
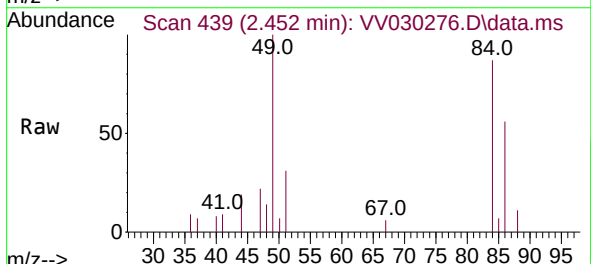
Instrument :
MSVOA_V
ClientSampleId :
H0A28DL

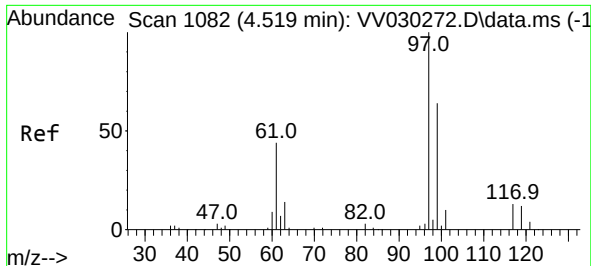
Tgt Ion: 96 Resp: 8965
Ion Ratio Lower Upper
96 100
61 218.8 115.6 214.6#
63 385.7 85.6 159.0#



#16
Methylene chloride
Concen: 0.240 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV030276.D
Acq: 21 Mar 2023 14:35

Tgt Ion: 84 Resp: 2382
Ion Ratio Lower Upper
84 100
86 64.9 44.7 83.1
49 115.1 78.8 146.3





#29

1,1,1-Trichloroethane

Concen: 0.173 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

Lab File: VV030276.D

Acq: 21 Mar 2023 14:35

Instrument :

MSVOA_V

ClientSampleId :

H0A28DL

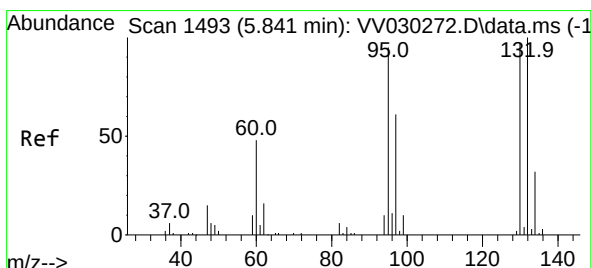
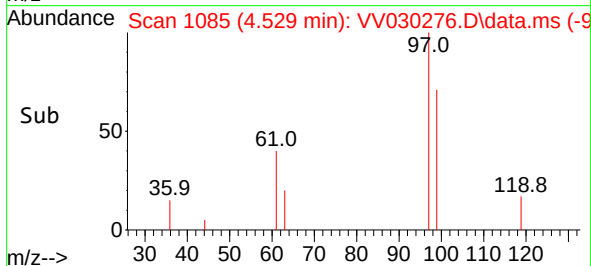
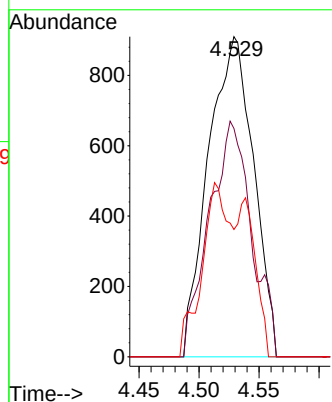
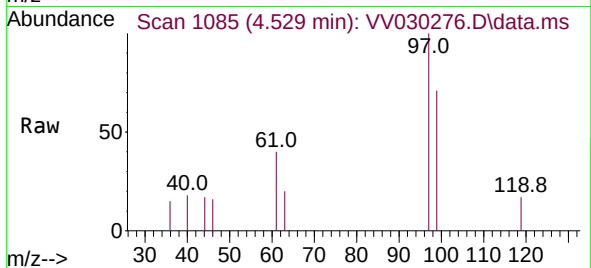
Tgt Ion: 97 Resp: 2386

Ion Ratio Lower Upper

97 100

99 69.2 51.3 76.9

61 20.2 31.5 47.3#



#34

Trichloroethene

Concen: 2.188 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030276.D

Acq: 21 Mar 2023 14:35

Tgt Ion: 95 Resp: 19654

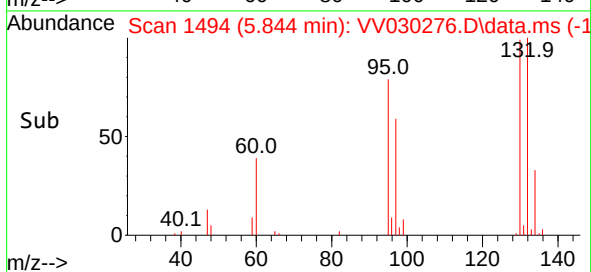
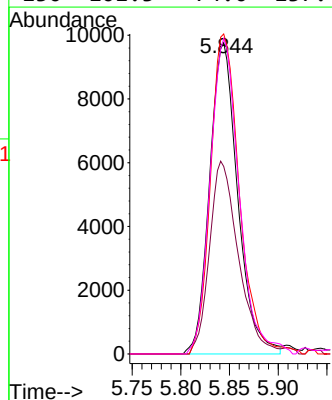
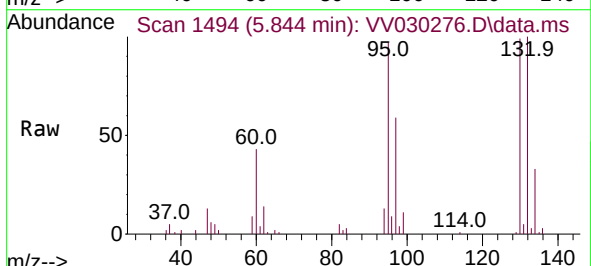
Ion Ratio Lower Upper

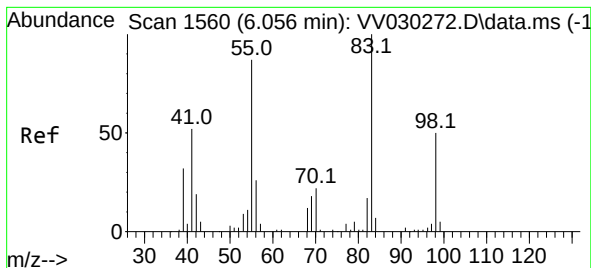
95 100

97 60.3 46.5 86.5

132 102.8 71.7 133.3

130 101.3 74.0 137.4





#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV030276.D

Acq: 21 Mar 2023 14:35

Instrument :

MSVOA_V

ClientSampleId :

H0A28DL

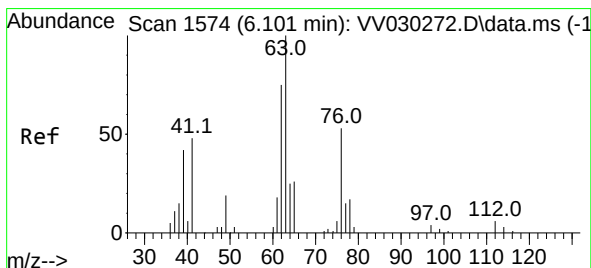
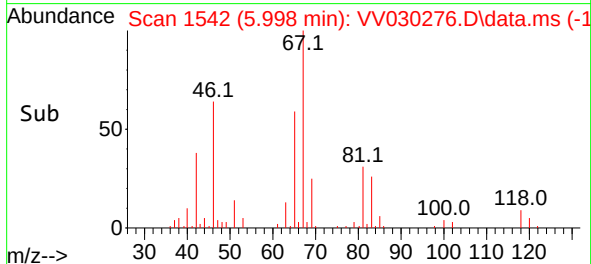
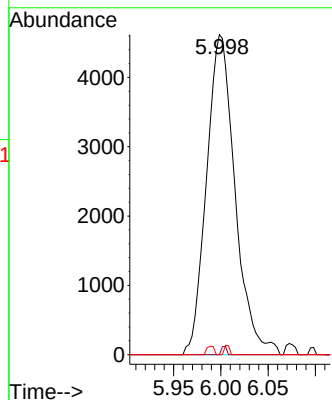
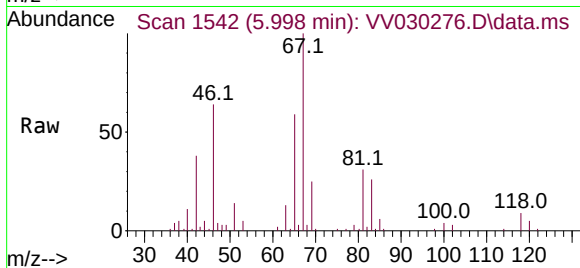
Tgt Ion: 83 Resp: 9695

Ion Ratio Lower Upper

83 100

55 0.5 57.6 86.4#

98 0.5 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.106 min

Lab File: VV030276.D

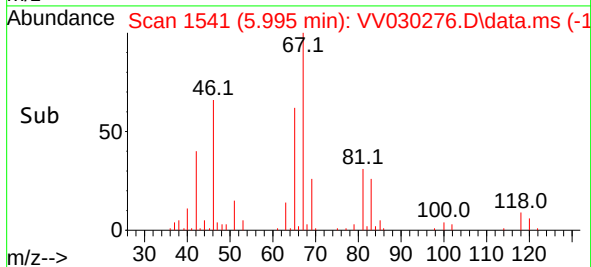
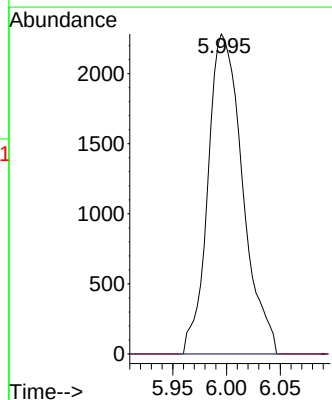
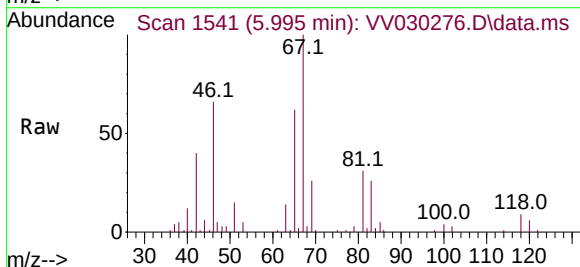
Acq: 21 Mar 2023 14:35

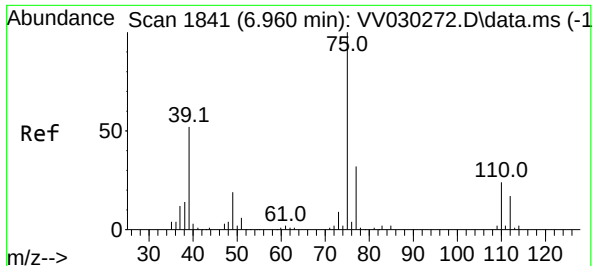
Tgt Ion: 63 Resp: 5121

Ion Ratio Lower Upper

63 100

112 0.9 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV030276.D

Acq: 21 Mar 2023 14:35

Instrument :

MSVOA_V

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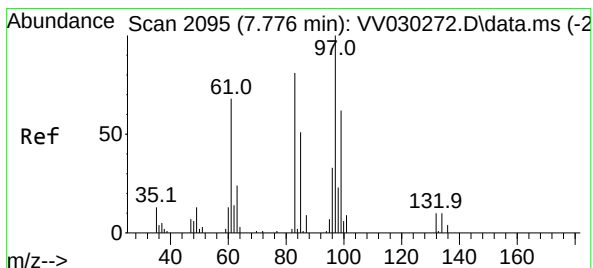
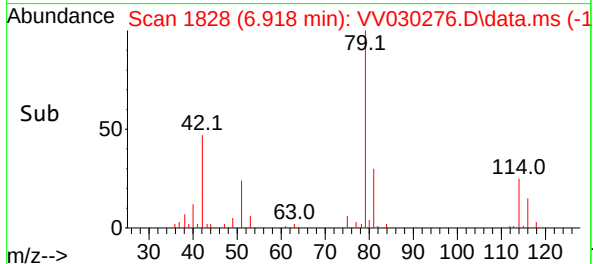
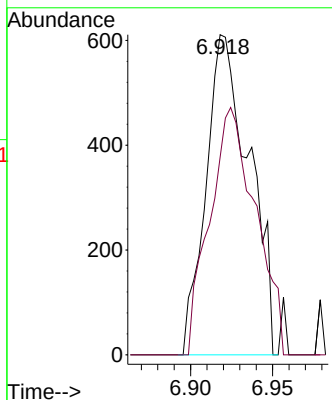
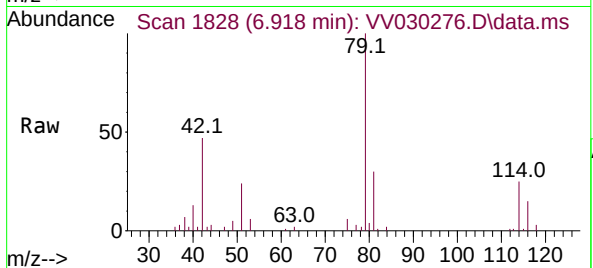
H0A28DL

Tgt Ion: 75 Resp: 1122

Ion Ratio Lower Upper

75 100

77 61.7 22.3 41.3#



#45

1,1,2-Trichloroethane

Concen: 0.201 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.138 min

Lab File: VV030276.D

Acq: 21 Mar 2023 14:35

Tgt Ion: 97 Resp: 1170

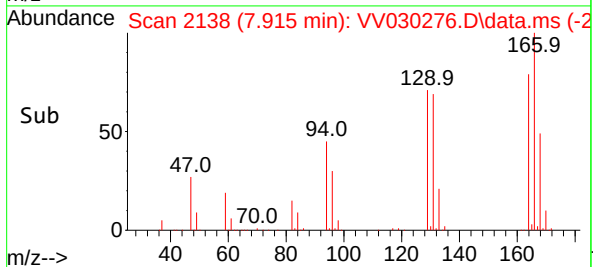
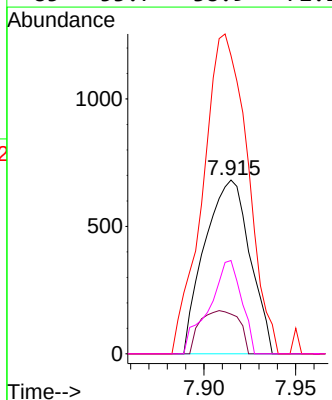
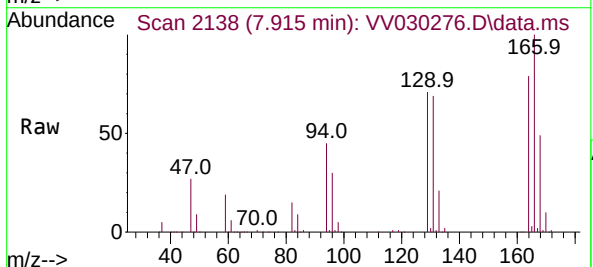
Ion Ratio Lower Upper

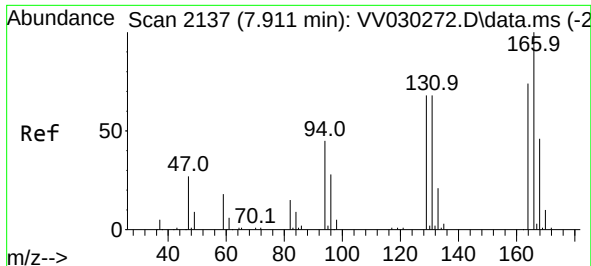
97 100

99 22.9 42.6 79.2#

83 171.6 57.7 107.3#

85 53.7 38.9 72.2

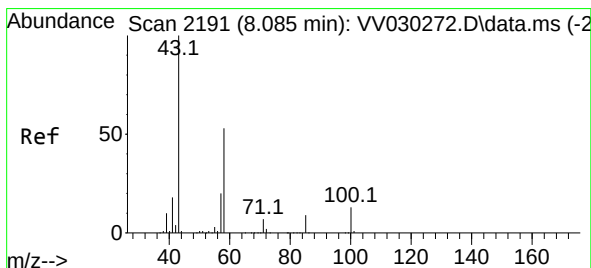
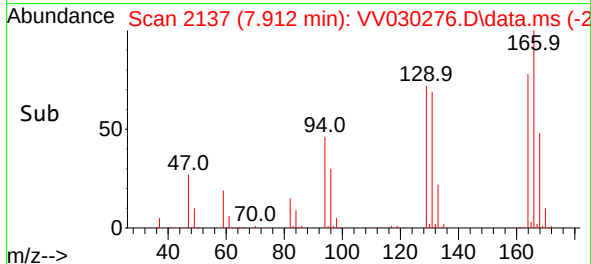
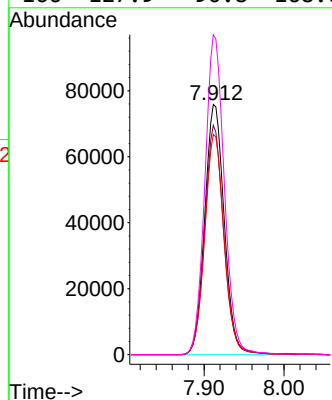
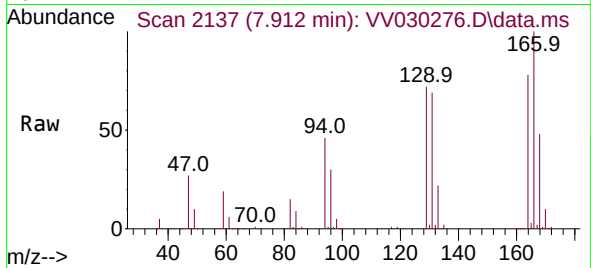




#47
Tetrachloroethene
Concen: 16.805 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030276.D
Acq: 21 Mar 2023 14:35

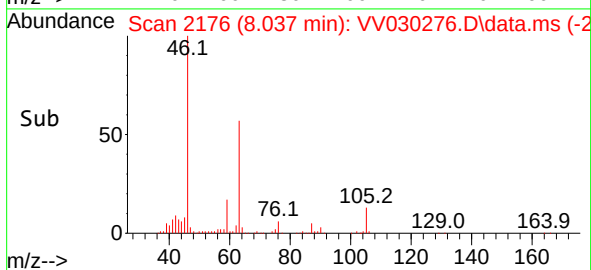
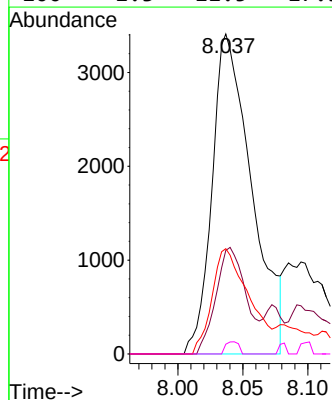
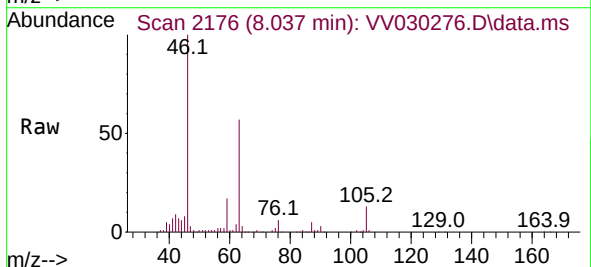
Instrument :
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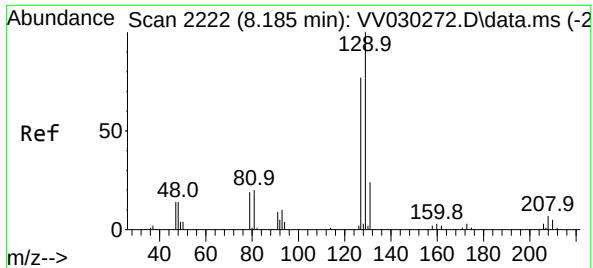
Tgt Ion:164 Resp: 129557
Ion Ratio Lower Upper
164 100
129 91.7 63.6 118.2
131 88.0 61.7 114.7
166 127.9 90.8 168.6



#48
2-Hexanone
Concen: 3.003 ug/L
RT: 8.037 min Scan# 2176
Delta R.T. -0.048 min
Lab File: VV030276.D
Acq: 21 Mar 2023 14:35

Tgt Ion: 43 Resp: 7233
Ion Ratio Lower Upper
43 100
58 25.4 49.8 74.8#
57 30.7 16.6 24.8#
100 1.3 11.5 17.3#

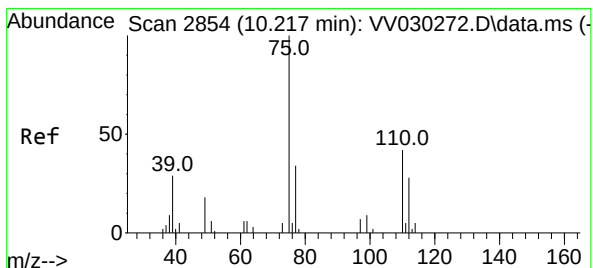
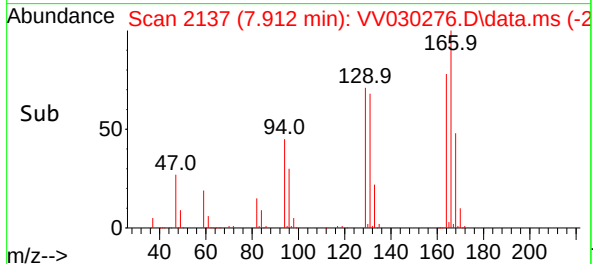
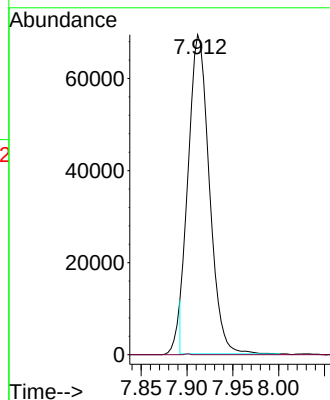
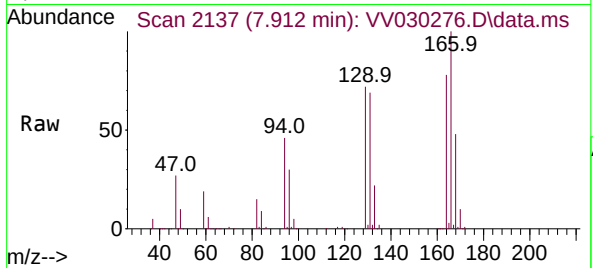




#49
Dibromochloromethane
Concen: 16.152 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030276.D
Acq: 21 Mar 2023 14:35

Instrument :
MSVOA_V
ClientSampleId :
H0A28DL

Tgt Ion:129 Resp: 110283
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#



#61
1,2,3-Trichloropropane
Concen: 1.639 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV030276.D
Acq: 21 Mar 2023 14:35

Tgt Ion: 75 Resp: 6474
Ion Ratio Lower Upper
75 100
77 31.2 26.5 39.7
110 2.1 31.8 47.6#

