

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030286.D
 Acq On : 21 Mar 2023 18:59
 Operator : SY/MD
 Sample : 01996-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A32

Quant Time: Mar 22 06:09:20 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)

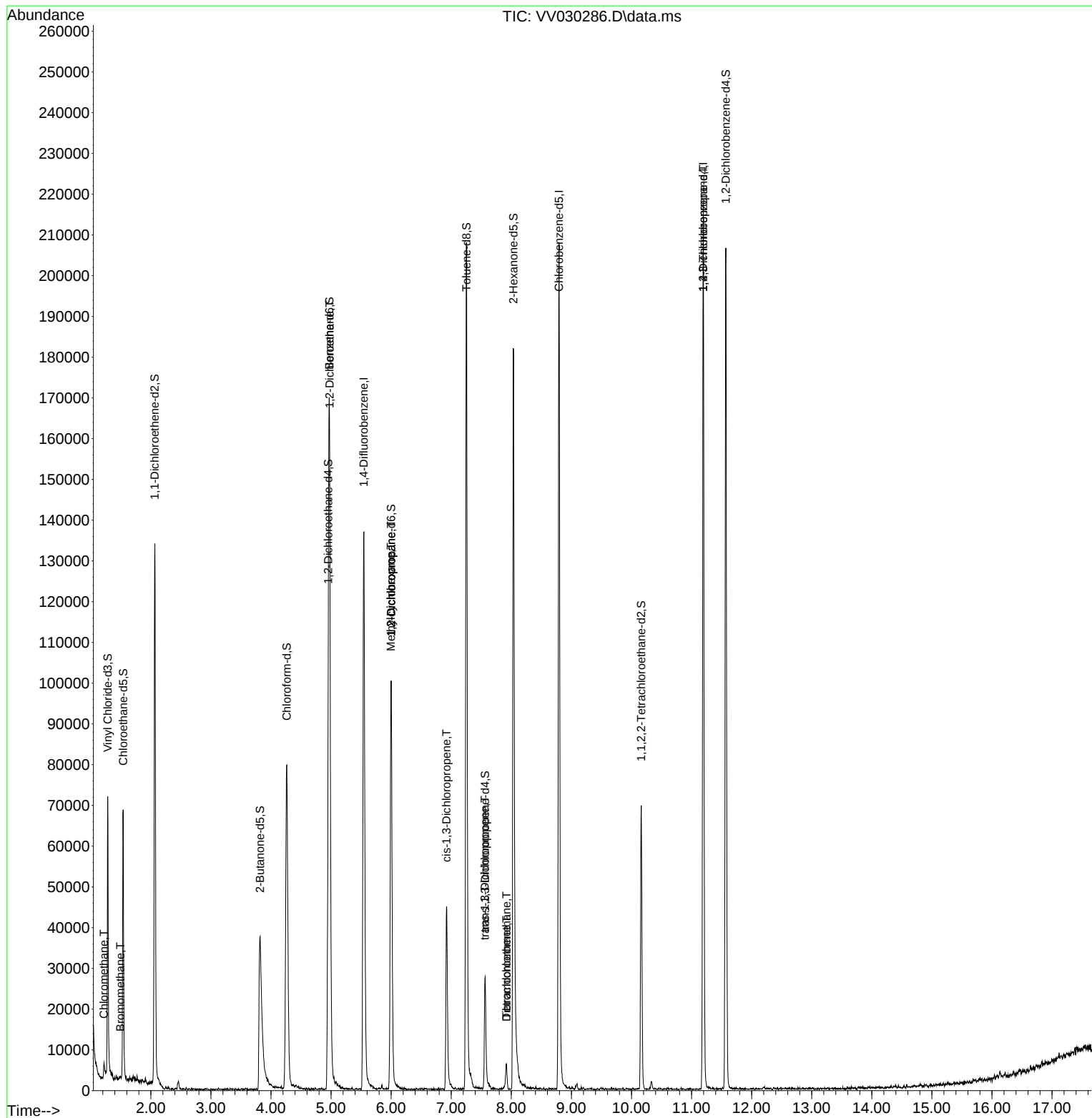
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	118720	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58527	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	44120	5.743	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.800%
7) Chloroethane-d5	1.539	69	40173	5.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.066	63	68857	4.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	3.815	46	75796	53.517	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.040%
24) Chloroform-d	4.262	84	84018	5.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	4.953	65	43202	6.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.800%#
32) Benzene-d6	4.973	84	154424	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.998	67	43838	4.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.252	98	140387	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.564	79	16383	5.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.034	63	63028	47.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.900%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31055	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	54059	5.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	2316	0.152	ug/L	90
6) Bromomethane	1.494	94	192	0.106	ug/L #	1
27) 1,2-Dichloroethane	4.976	62	1039	0.135	ug/L #	71
35) Methylcyclohexane	5.995	83	11235	0.837	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5815	0.722	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1291	0.109	ug/L #	36
44) trans-1,3-Dichloropropene	7.558	75	868	0.094	ug/L #	54
47) Tetrachloroethene	7.918	164	1442	0.189	ug/L	85
49) Dibromochloromethane	7.921	129	1287	0.191	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6201	1.583	ug/L #	60

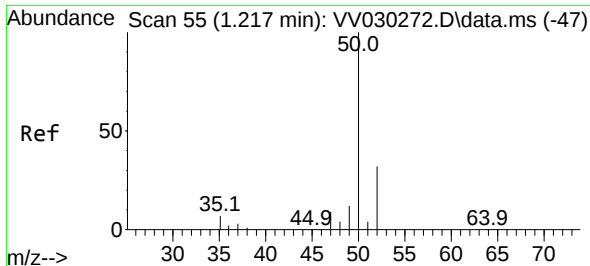
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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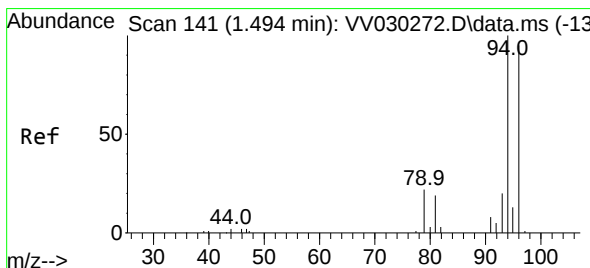
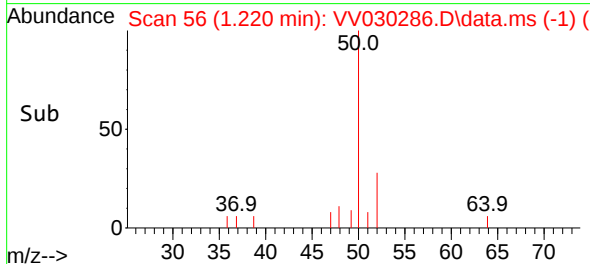
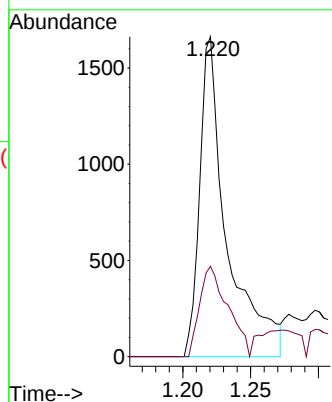
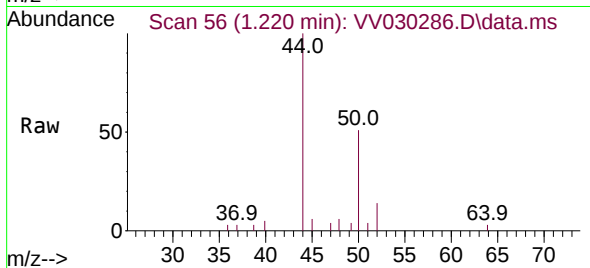




#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030286.D
Acq: 21 Mar 2023 18:59

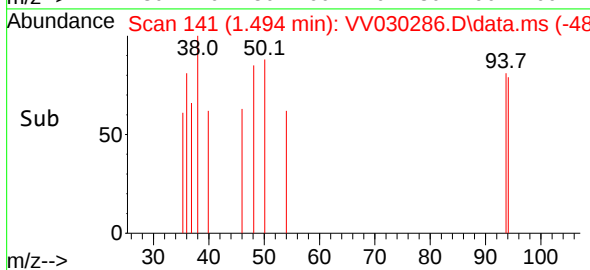
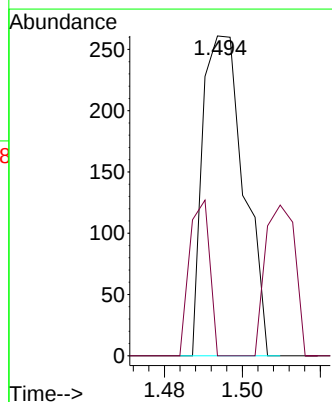
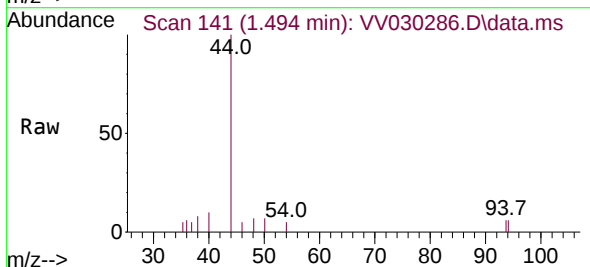
Instrument :
MSVOA_V
ClientSampleId :
H0A32

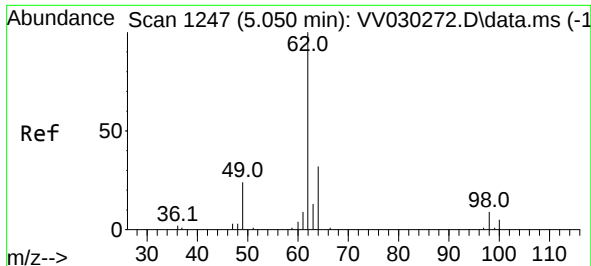
Tgt Ion: 50 Resp: 2316
Ion Ratio Lower Upper
50 100
52 28.3 23.6 43.8



#6
Bromomethane
Concen: 0.106 ug/L
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV030286.D
Acq: 21 Mar 2023 18:59

Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 0.0 68.4 127.0#





#27

1,2-Dichloroethane

Concen: 0.135 ug/L

RT: 4.976 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV030286.D

Acq: 21 Mar 2023 18:59

Instrument :

MSVOA_V

ClientSampleId :

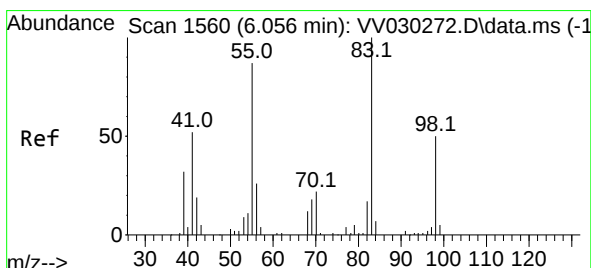
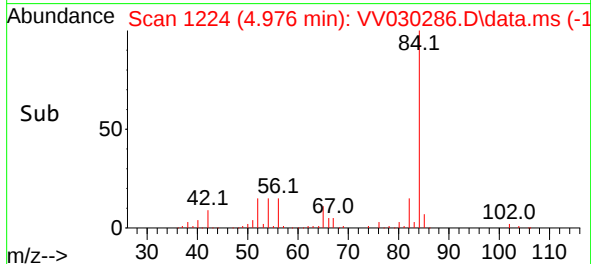
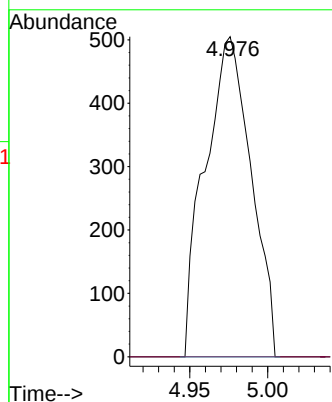
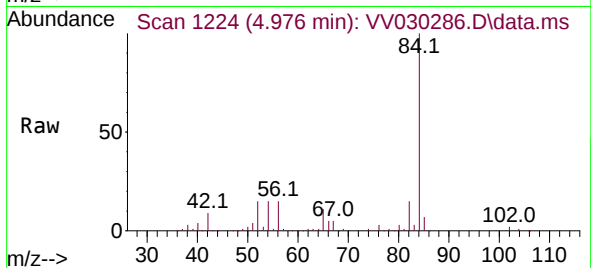
H0A32

Tgt Ion: 62 Resp: 1039

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.837 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.061 min

Lab File: VV030286.D

Acq: 21 Mar 2023 18:59

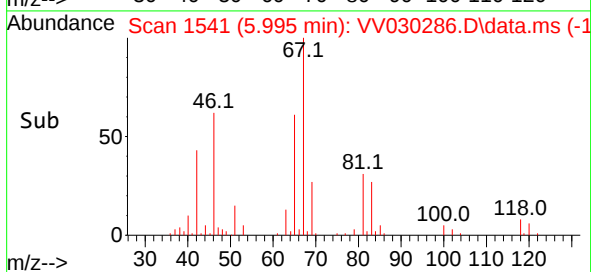
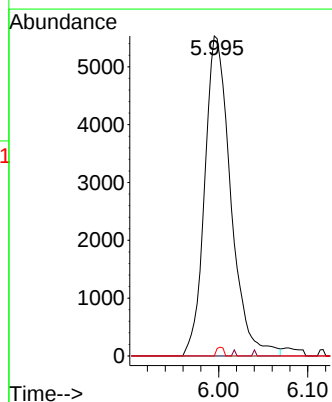
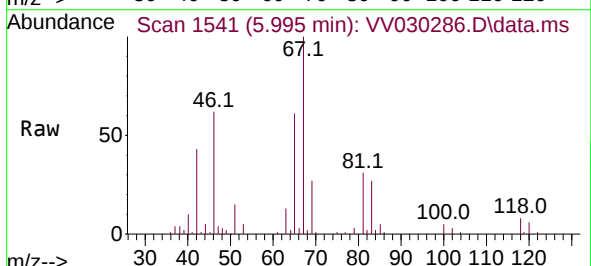
Tgt Ion: 83 Resp: 11235

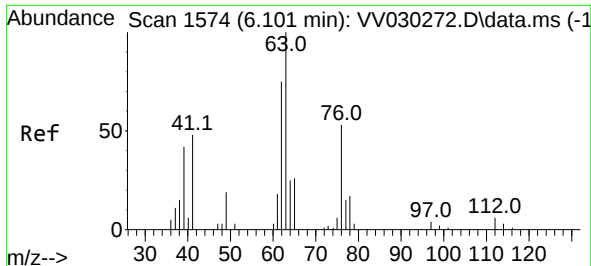
Ion Ratio Lower Upper

83 100

55 0.2 57.6 86.4#

98 0.7 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.722 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030286.D

Acq: 21 Mar 2023 18:59

Instrument :

MSVOA_V

ClientSampleId :

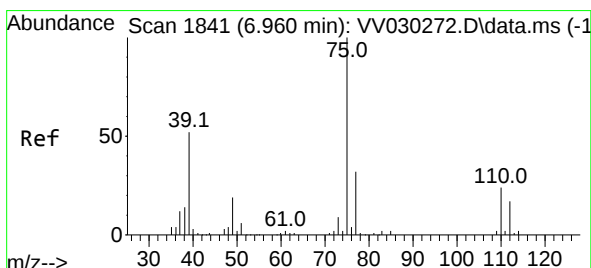
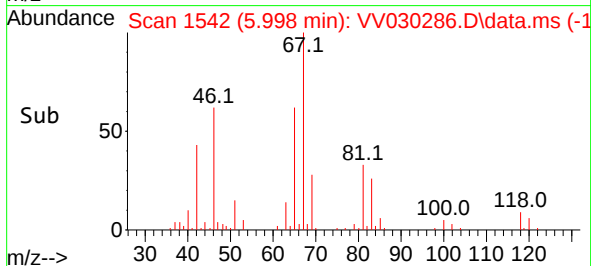
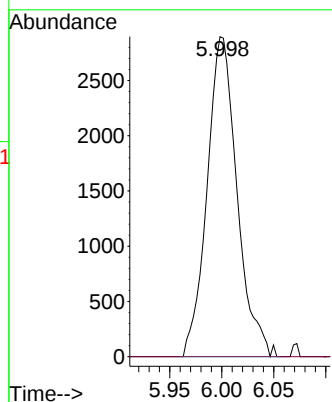
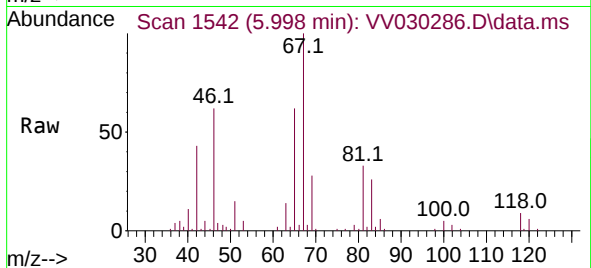
H0A32

Tgt Ion: 63 Resp: 5815

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV030286.D

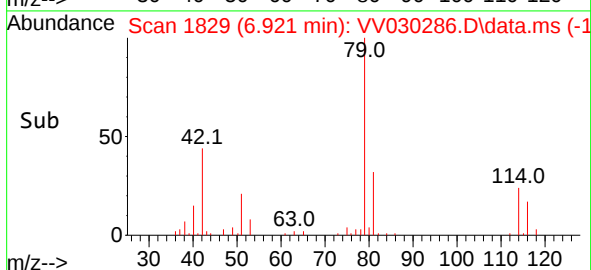
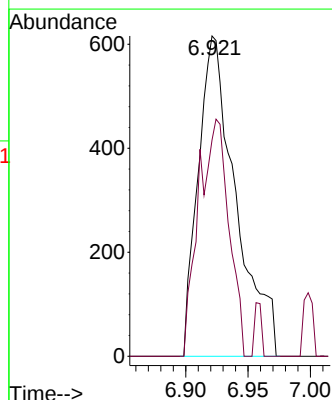
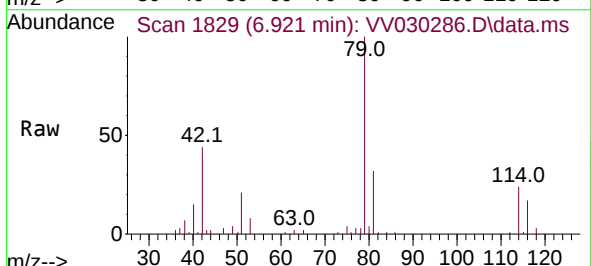
Acq: 21 Mar 2023 18:59

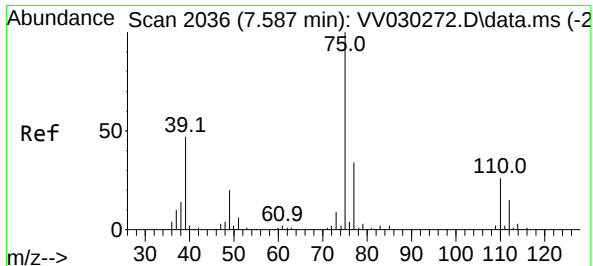
Tgt Ion: 75 Resp: 1291

Ion Ratio Lower Upper

75 100

77 67.5 22.3 41.3#

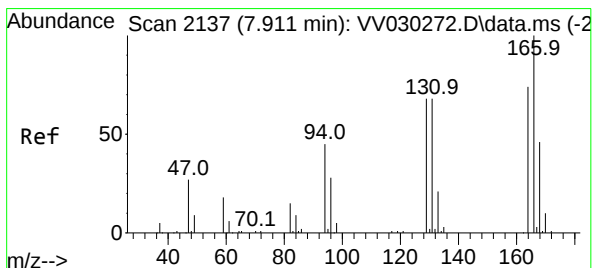
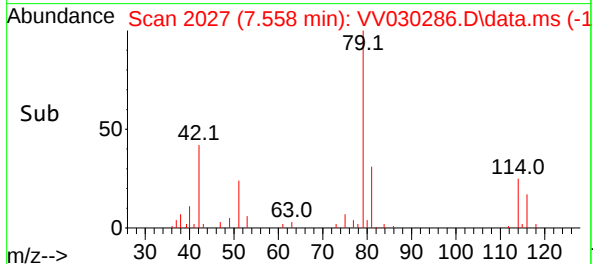
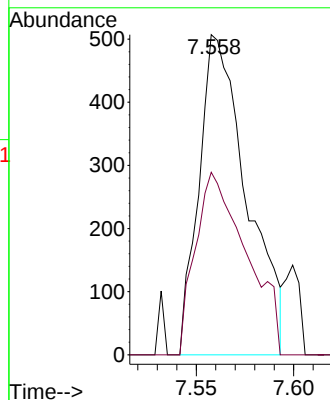
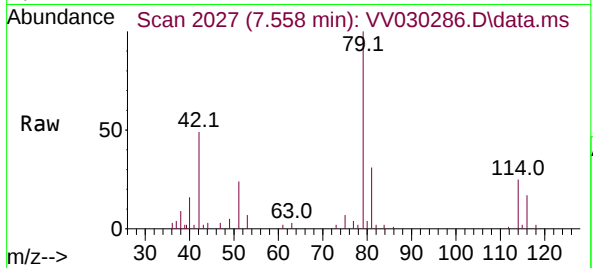




#44
trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.558 min Scan# 2036
Delta R.T. -0.029 min
Lab File: VV030286.D
Acq: 21 Mar 2023 18:59

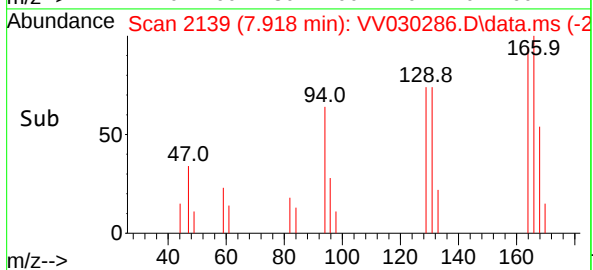
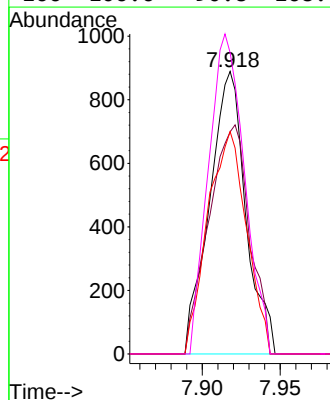
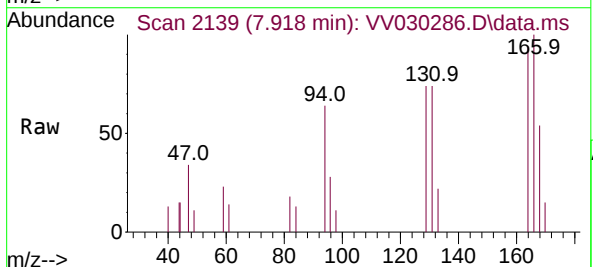
Instrument :
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ClientSampleId :
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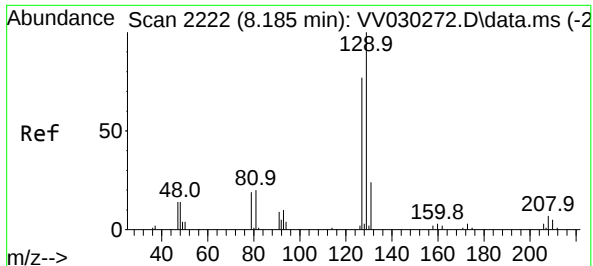
Tgt Ion: 75 Resp: 868
Ion Ratio Lower Upper
75 100
77 57.0 22.1 41.1#



#47
Tetrachloroethene
Concen: 0.189 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VV030286.D
Acq: 21 Mar 2023 18:59

Tgt Ion:164 Resp: 1442
Ion Ratio Lower Upper
164 100
129 78.6 63.6 118.2
131 78.7 61.7 114.7
166 106.6 90.8 168.6





#49

Dibromochloromethane

Concen: 0.191 ug/L

RT: 7.921 min Scan# 2140

Delta R.T. -0.264 min

Lab File: VV030286.D

Acq: 21 Mar 2023 18:59

Instrument :

MSVOA_V

ClientSampleId :

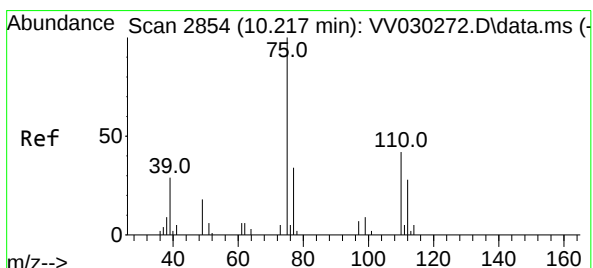
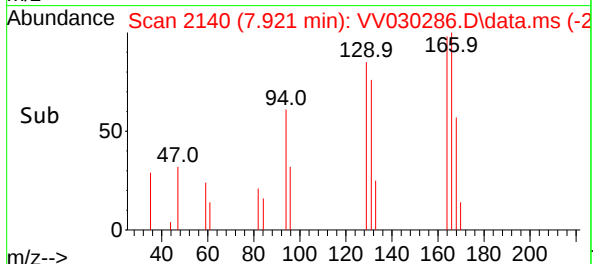
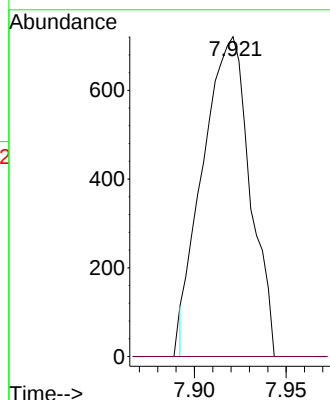
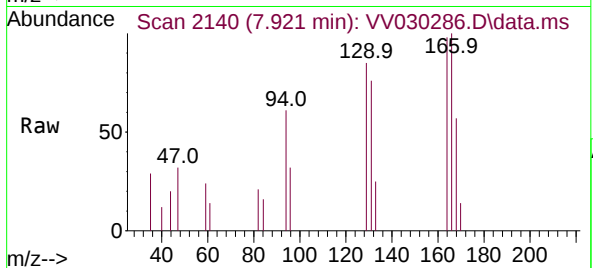
H0A32

Tgt Ion:129 Resp: 1287

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.583 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030286.D

Acq: 21 Mar 2023 18:59

Tgt Ion: 75 Resp: 6201

Ion Ratio Lower Upper

75 100

77 40.6 26.5 39.7#

110 1.5 31.8 47.6#

