

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030554.D
 Acq On : 13 Apr 2023 18:49
 Operator : SY/MD
 Sample : 02254-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB6

Quant Time: Apr 14 05:23:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

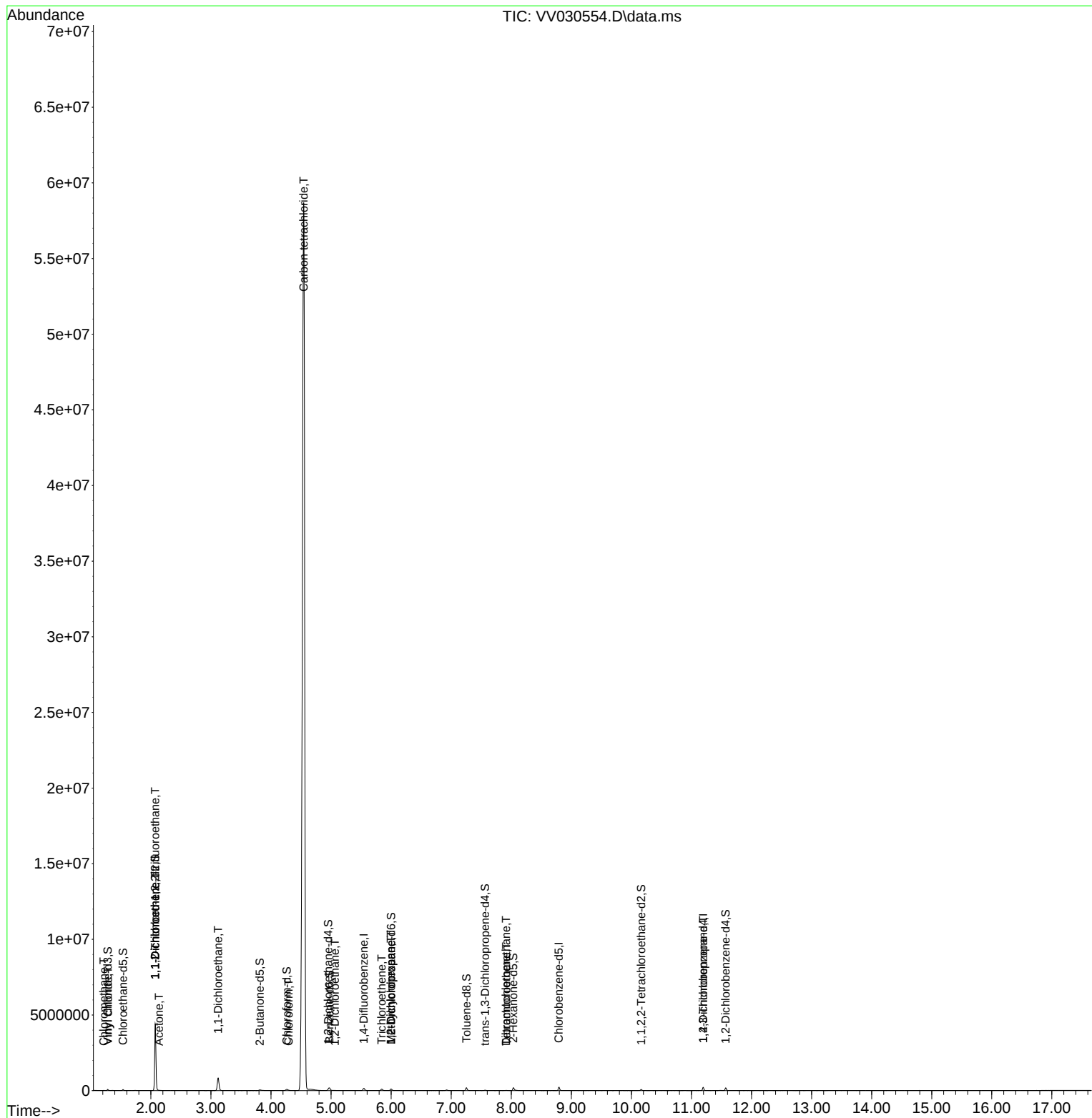
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127921	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48330	5.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.000%
7) Chloroethane-d5	1.535	69	37664	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.072	63	750205	37.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	746.400%#
20) 2-Butanone-d5	3.815	46	92823	42.388	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.780%
24) Chloroform-d	4.262	84	83090	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	4.953	65	44115	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.973	84	154739	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.001	67	46735	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.252	98	124073	3.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.564	79	16930	4.168	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.034	63	64495	39.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.020%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34619	4.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	46755	4.595	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3836	0.187	ug/L	88
5) Vinyl chloride	1.285	62	5642	0.377	ug/L #	71
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	3466	0.288	ug/L #	35
12) 1,1-Dichloroethene	2.072	96	1144966	107.122	ug/L #	74
13) Acetone	2.137	43	7159	3.419	ug/L	71
19) 1,1-Dichloroethane	3.121	63	806021	36.924	ug/L	99
25) Chloroform	4.294	83	10475	0.475	ug/L	98
27) 1,2-Dichloroethane	5.066	62	3415	0.256	ug/L	97
31) Carbon tetrachloride	4.545	117	6876702	385.603	ug/L	99
34) Trichloroethene	5.844	95	35084	2.995	ug/L	99
35) Methylcyclohexane	5.998	83	11791	0.641	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	6657	0.597	ug/L #	88
47) Tetrachloroethene	7.918	164	2993	0.290	ug/L	93
49) Dibromochloromethane	7.915	129	2773	0.297	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6789	1.334	ug/L #	60

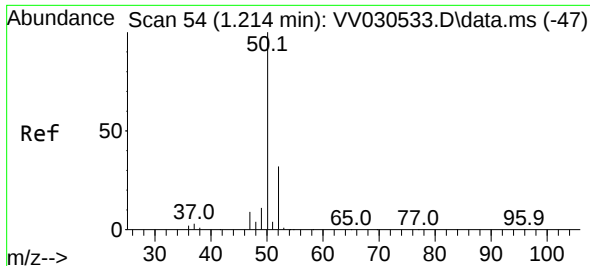
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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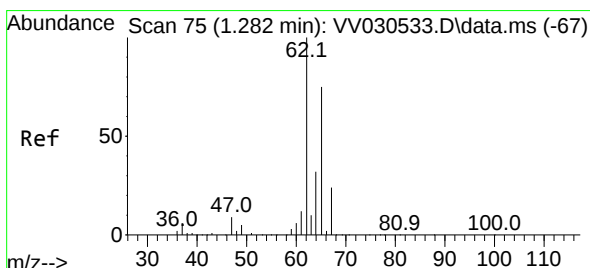
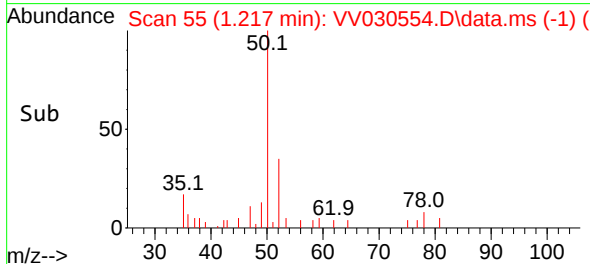
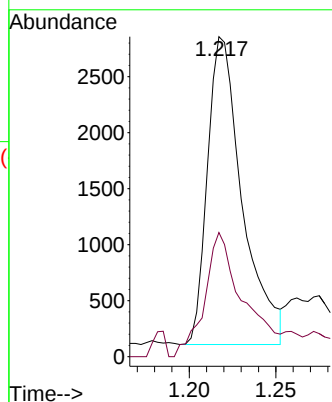
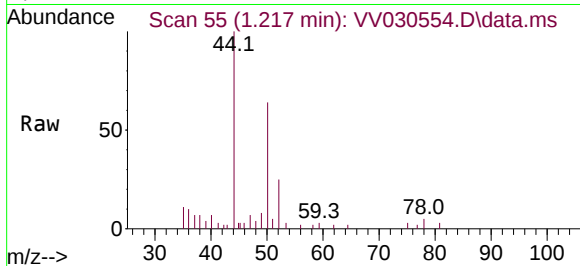




#3
Chloromethane
Concen: 0.187 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030554.D
Acq: 13 Apr 2023 18:49

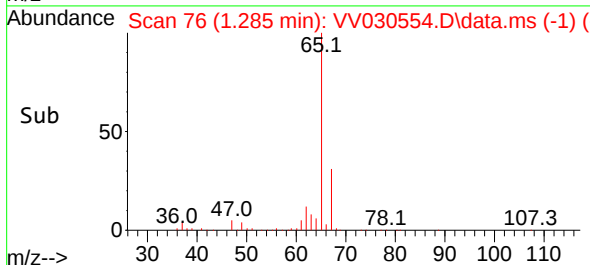
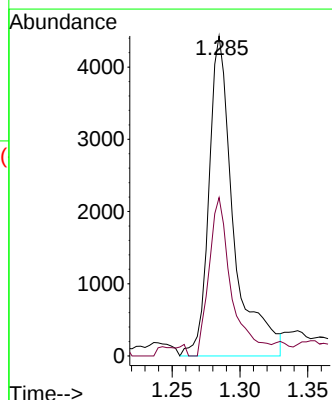
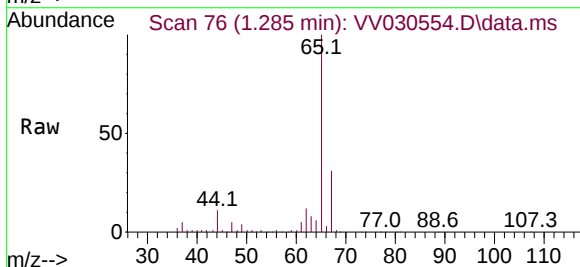
Instrument :
MSVOA_V
ClientSampleId :
C0AB6

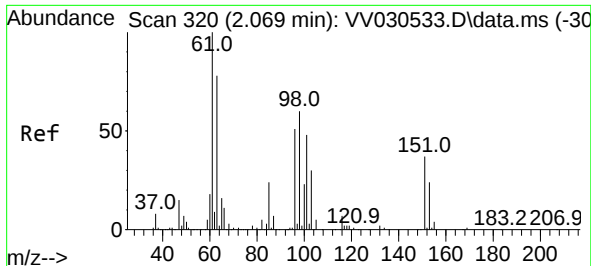
Tgt Ion: 50 Resp: 3836
Ion Ratio Lower Upper
50 100
52 38.8 22.3 41.5



#5
Vinyl chloride
Concen: 0.377 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV030554.D
Acq: 13 Apr 2023 18:49

Tgt Ion: 62 Resp: 5642
Ion Ratio Lower Upper
62 100
64 49.5 23.2 43.2#

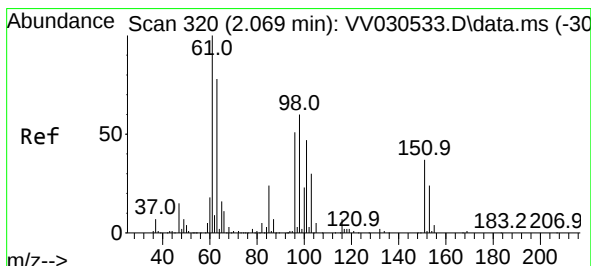
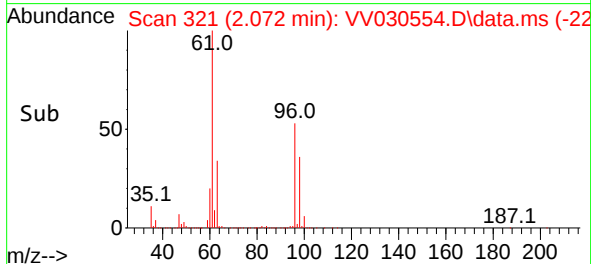
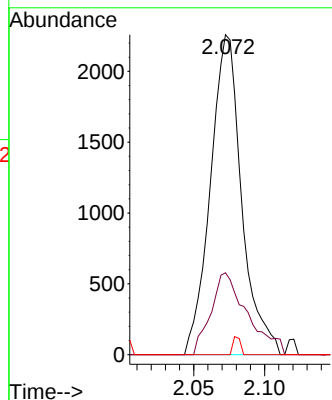
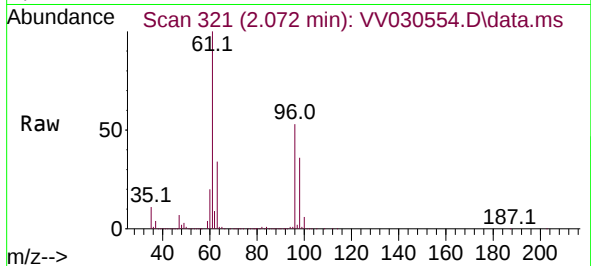




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.288 ug/L
RT: 2.072 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030554.D
Acq: 13 Apr 2023 18:49

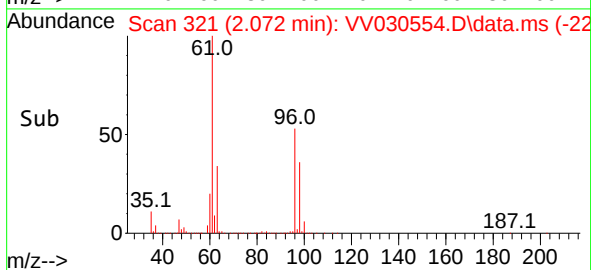
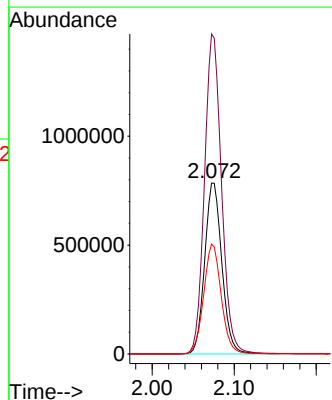
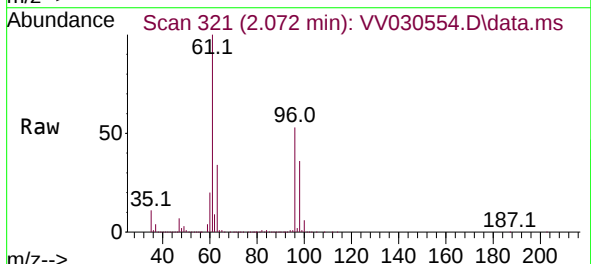
Instrument :
MSVOA_V
ClientSampleId :
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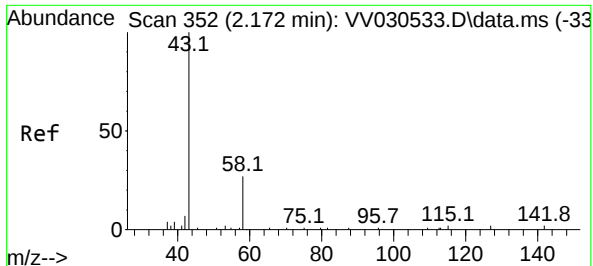
Tgt Ion:101 Resp: 3466
Ion Ratio Lower Upper
101 100
85 29.9 38.1 57.1#
151 1.4 62.7 94.1#



#12
1,1-Dichloroethene
Concen: 107.122 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV030554.D
Acq: 13 Apr 2023 18:49

Tgt Ion: 96 Resp: 1144966
Ion Ratio Lower Upper
96 100
61 187.3 136.3 253.1
63 64.3 92.1 171.1#





#13

Acetone

Concen: 3.419 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.036 min

Lab File: VV030554.D

Acq: 13 Apr 2023 18:49

Instrument :

MSVOA_V

ClientSampleId :

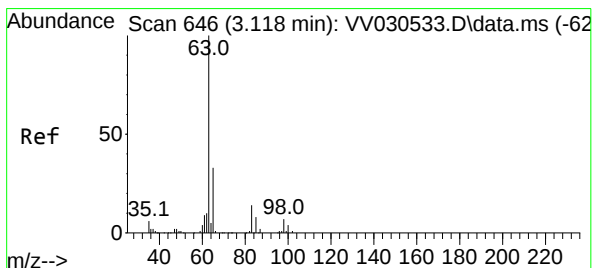
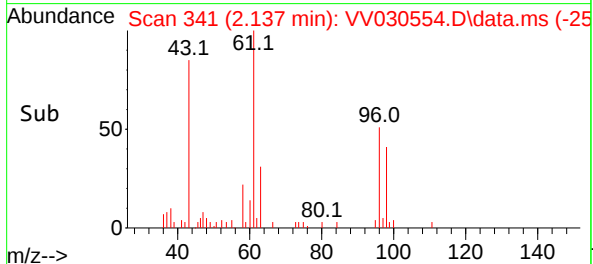
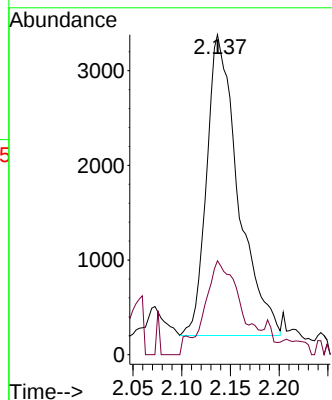
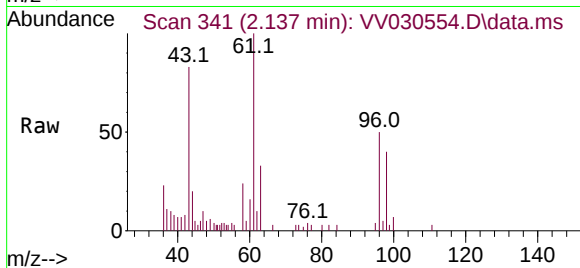
C0AB6

Tgt Ion: 43 Resp: 7159

Ion Ratio Lower Upper

43 100

58 33.7 0.0 40.8



#19

1,1-Dichloroethane

Concen: 36.924 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030554.D

Acq: 13 Apr 2023 18:49

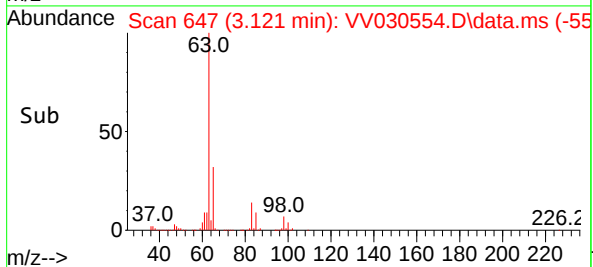
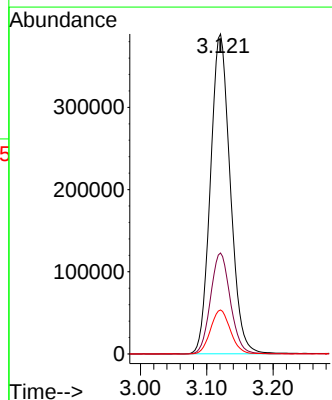
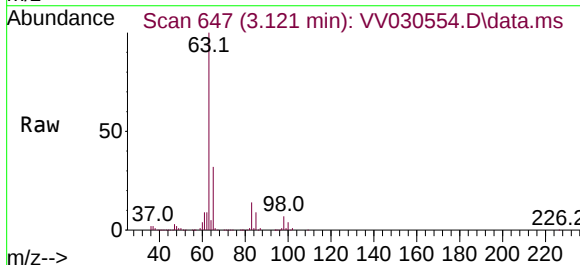
Tgt Ion: 63 Resp: 806021

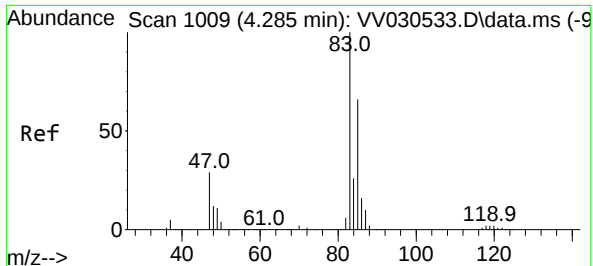
Ion Ratio Lower Upper

63 100

65 31.6 21.7 40.3

83 13.8 9.1 16.9





#25

Chloroform

Concen: 0.475 ug/L

RT: 4.294 min Scan# 1012

Delta R.T. 0.009 min

Lab File: VV030554.D

Acq: 13 Apr 2023 18:49

Instrument :

MSVOA_V

ClientSampleId :

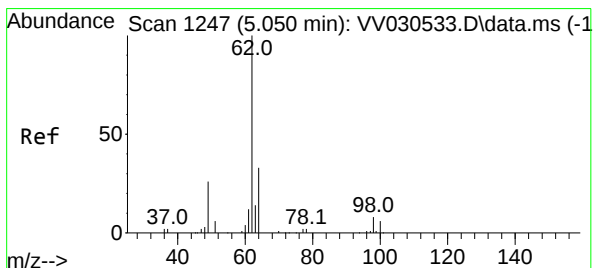
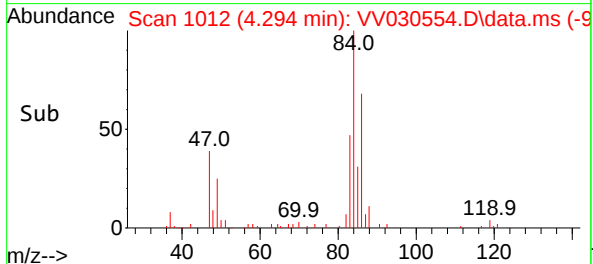
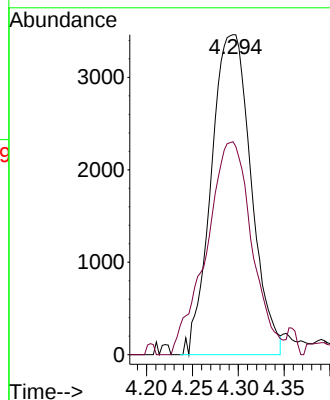
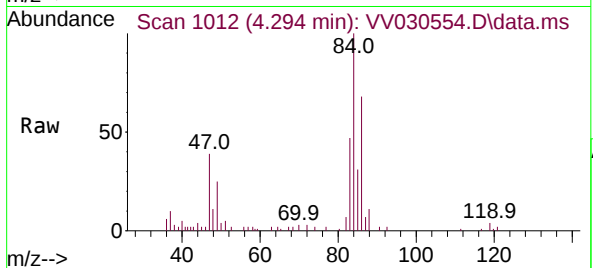
C0AB6

Tgt Ion: 83 Resp: 10475

Ion Ratio Lower Upper

83 100

85 66.6 47.6 88.4



#27

1,2-Dichloroethane

Concen: 0.256 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. 0.016 min

Lab File: VV030554.D

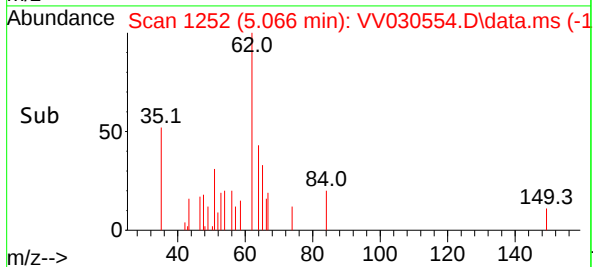
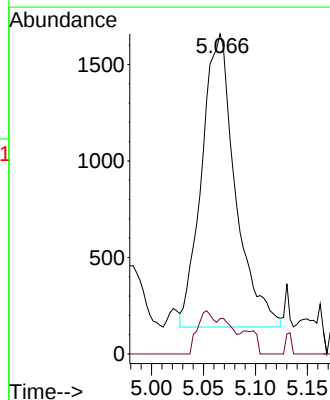
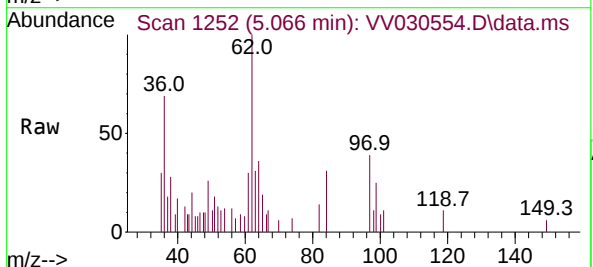
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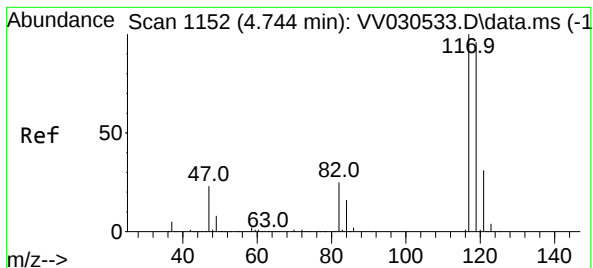
Tgt Ion: 62 Resp: 3415

Ion Ratio Lower Upper

62 100

98 11.0 7.8 11.8





#31

Carbon tetrachloride

Concen: 385.603 ug/L

RT: 4.545 min Scan# 1152

Delta R.T. -0.200 min

Lab File: VV030554.D

Acq: 13 Apr 2023 18:49

Instrument :

MSVOA_V

ClientSampleId :

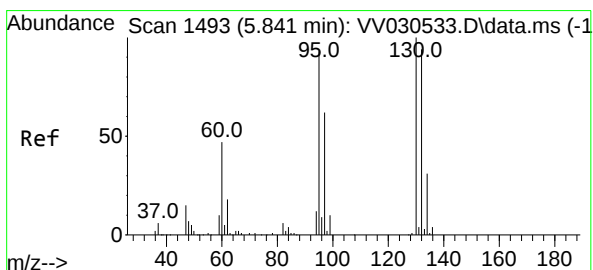
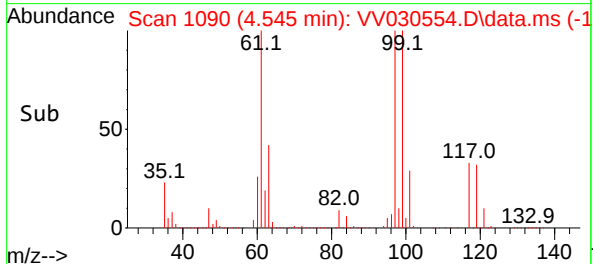
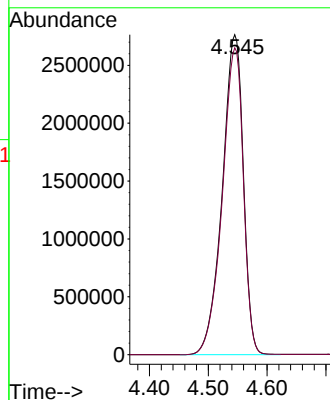
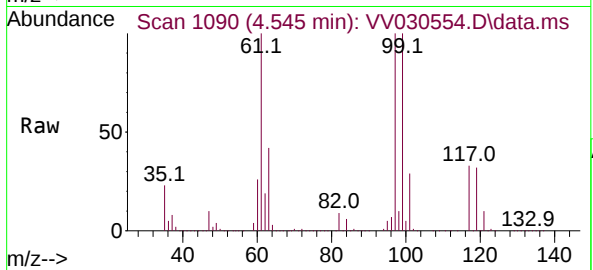
C0AB6

Tgt Ion:117 Resp: 6876702

Ion Ratio Lower Upper

117 100

119 96.0 76.2 114.4



#34

Trichloroethene

Concen: 2.995 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030554.D

Acq: 13 Apr 2023 18:49

Tgt Ion: 95 Resp: 35084

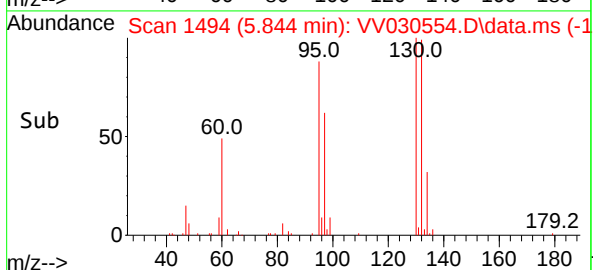
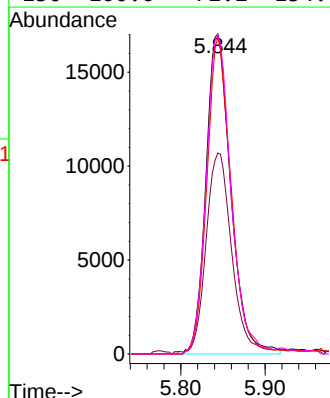
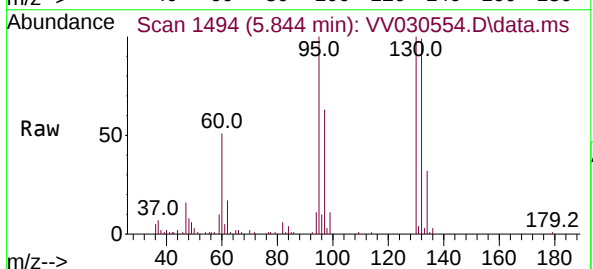
Ion Ratio Lower Upper

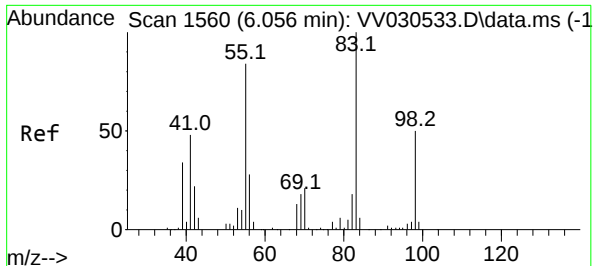
95 100

97 62.8 44.2 82.2

132 99.1 69.5 129.1

130 100.0 72.2 134.0

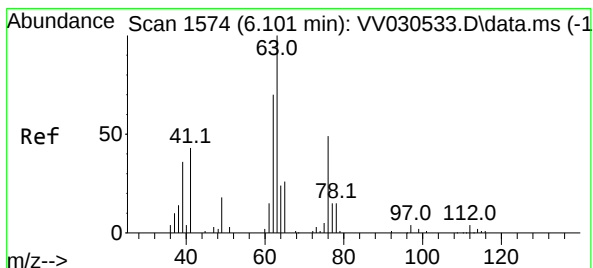
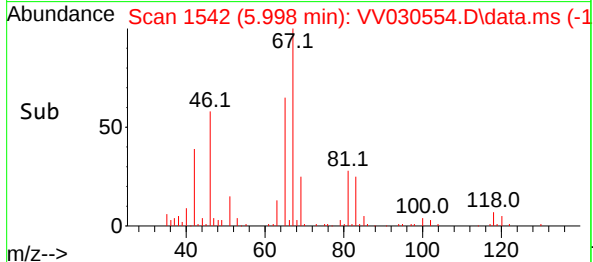
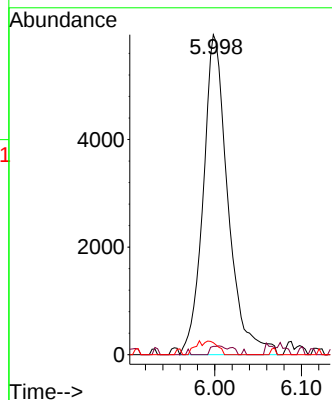
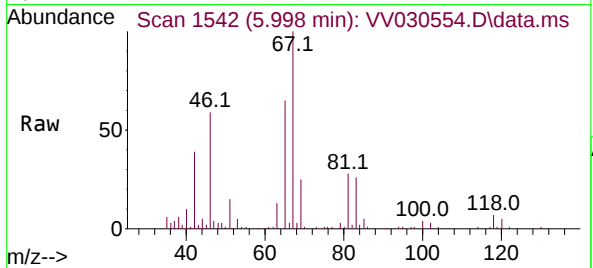




#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030554.D
Acq: 13 Apr 2023 18:49

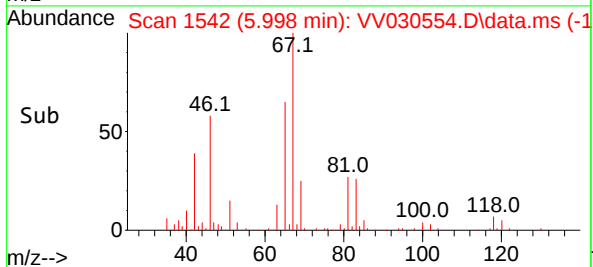
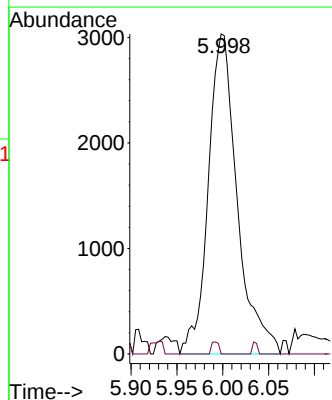
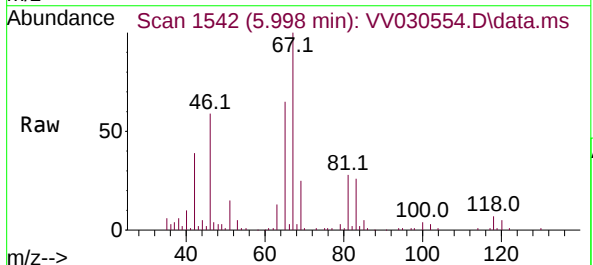
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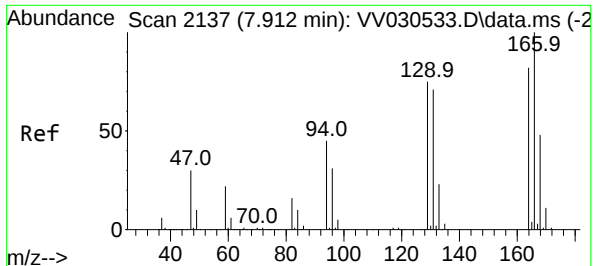
Tgt Ion: 83 Resp: 11791
Ion Ratio Lower Upper
83 100
55 1.6 66.6 100.0#
98 2.3 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030554.D
Acq: 13 Apr 2023 18:49

Tgt Ion: 63 Resp: 6657
Ion Ratio Lower Upper
63 100
112 0.9 3.9 5.9#





#47

Tetrachloroethene

Concen: 0.290 ug/L

RT: 7.918 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VV030554.D

Acq: 13 Apr 2023 18:49

Instrument :

MSVOA_V

ClientSampleId :

C0AB6

Tgt Ion:164 Resp: 2993

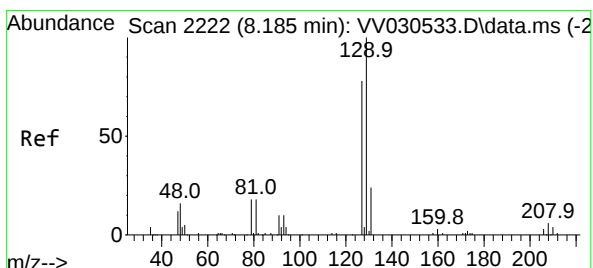
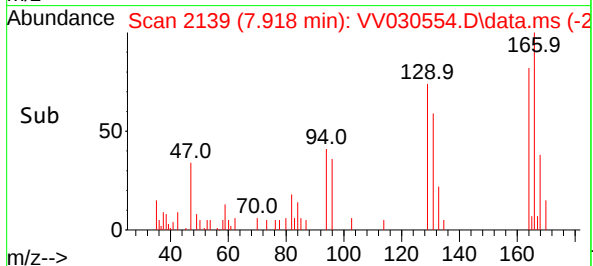
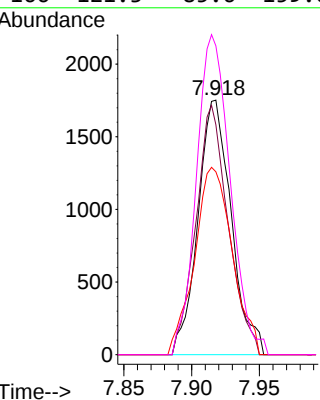
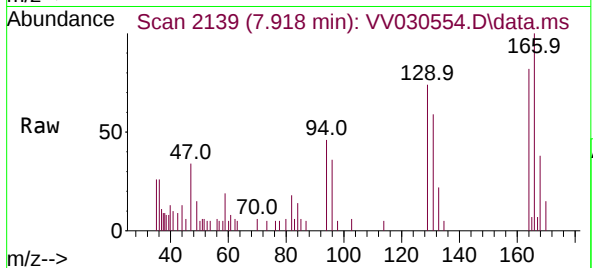
Ion Ratio Lower Upper

164 100

129 90.4 60.8 112.8

131 71.9 61.7 114.7

166 121.3 85.6 159.0



#49

Dibromochloromethane

Concen: 0.297 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030554.D

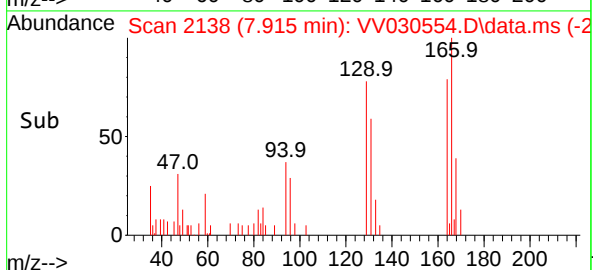
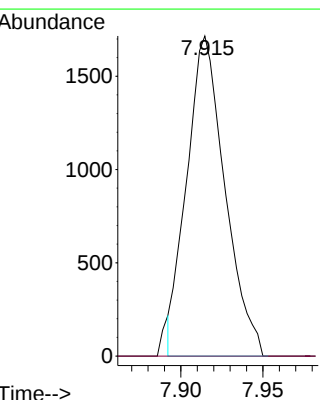
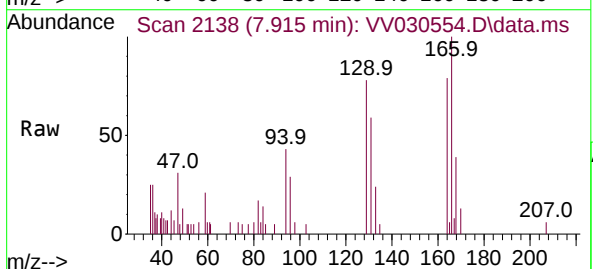
Acq: 13 Apr 2023 18:49

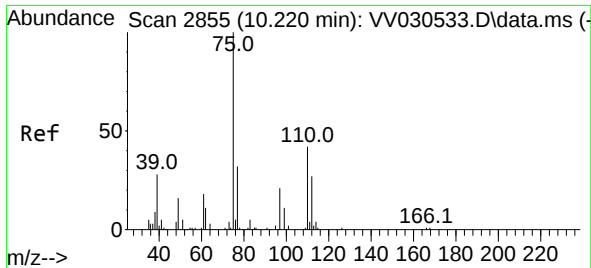
Tgt Ion:129 Resp: 2773

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#





#61

1,2,3-Trichloropropane

Concen: 1.334 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV030554.D

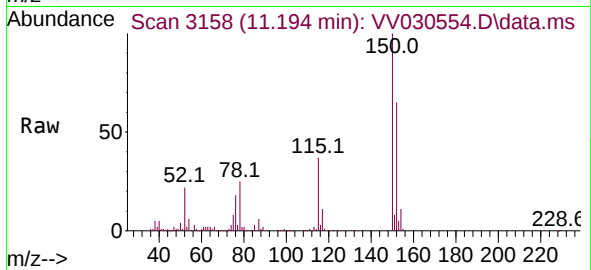
Acq: 13 Apr 2023 18:49

Instrument :

MSVOA_V

ClientSampleId :

C0AB6



Tgt Ion: 75 Resp: 6789

Ion Ratio Lower Upper

75 100

77 40.4 26.0 39.0#

110 2.0 31.6 47.4#

