

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040623\
 Data File : VW030425.D
 Acq On : 06 Apr 2023 18:10
 Operator : SY/MD
 Sample : 02225-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4

Quant Time: Apr 07 04:52:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

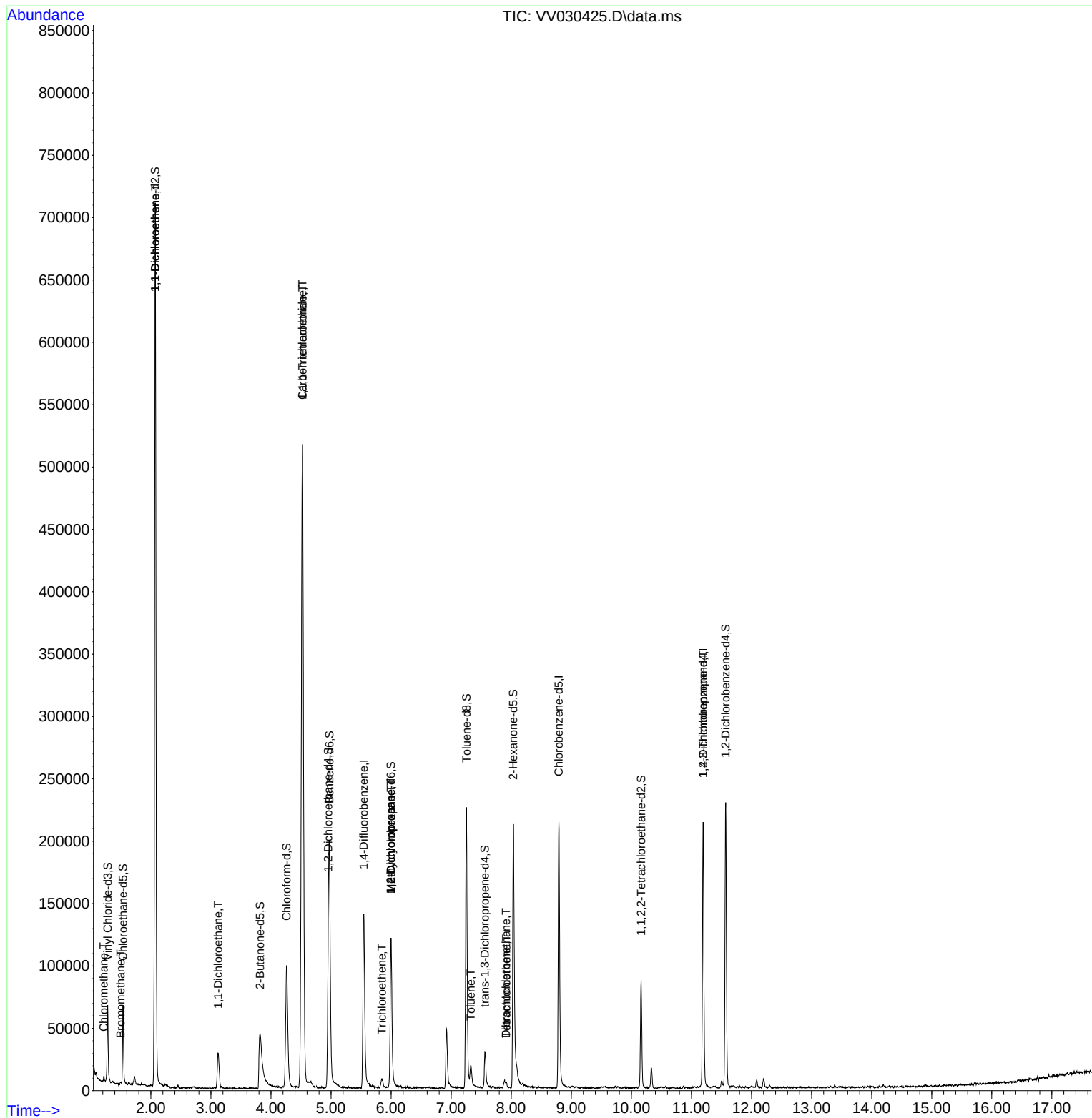
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	118868	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	117463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	37368	4.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.536	69	39480	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.072	63	171052	9.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	183.200%#
20) 2-Butanone-d5	3.818	46	96081	47.218	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	4.259	84	97690	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.953	65	49369	5.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.973	84	173880	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	5.998	67	54875	5.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.252	98	149140	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.561	79	17688	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.034	63	73567	46.923	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38918	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	58835	5.650	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2906	0.152	ug/L	91
6) Bromomethane	1.494	94	396	0.100	ug/L	99
12) 1,1-Dichloroethene	2.076	96	180233	18.147	ug/L #	77
19) 1,1-Dichloroethane	3.121	63	28695	1.415	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	422324	22.369	ug/L	99
31) Carbon tetrachloride	4.523	117	51713	3.019	ug/L	96
34) Trichloroethene	5.847	95	2382	0.212	ug/L	94
35) Methylcyclohexane	5.998	83	13607	0.770	ug/L #	18
37) 1,2-Dichloropropane	5.998	63	7232	0.675	ug/L #	87
42) Toluene	7.326	91	11524	0.259	ug/L	100
47) Tetrachloroethene	7.918	164	1072	0.108	ug/L	91
49) Dibromochloromethane	7.915	129	802	0.089	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6492	1.246	ug/L #	61

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

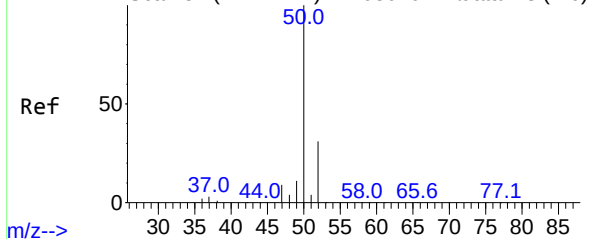
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
Data File : VV030425.D
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Response via : Initial Calibration



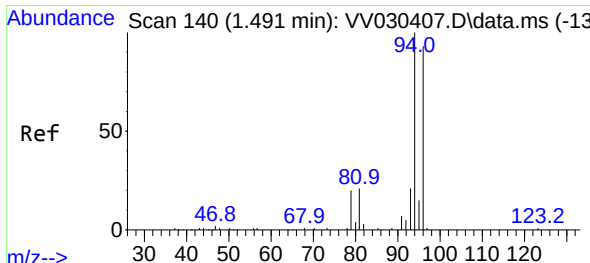
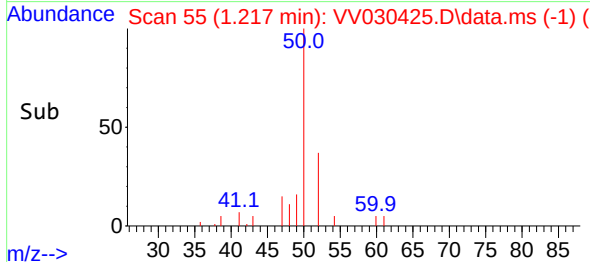
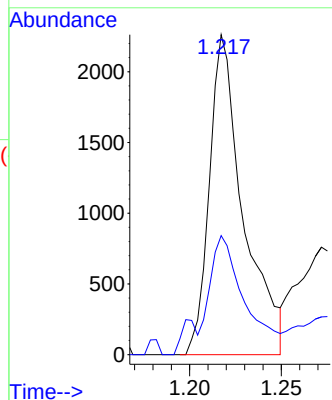
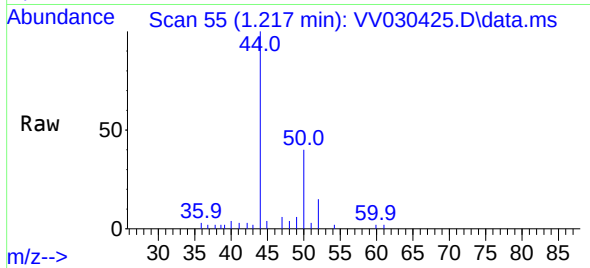
Abundance Scan 54 (1.214 min): VV030407.D\data.ms (-46)



#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

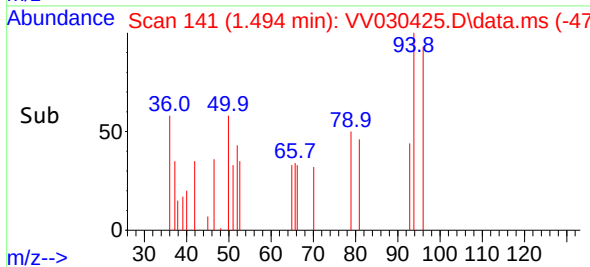
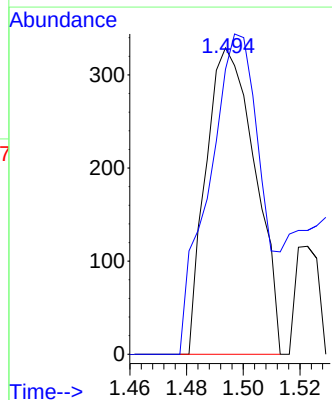
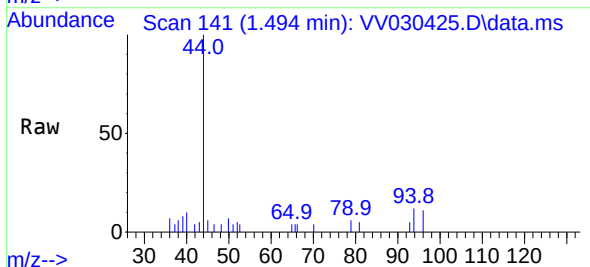
Instrument :
MSVOA_V
ClientSampleId :
C0AD4

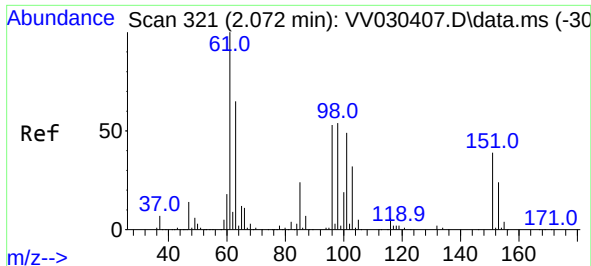
Tgt Ion: 50 Resp: 2906
Ion Ratio Lower Upper
50 100
52 37.2 22.3 41.5



#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

Tgt Ion: 94 Resp: 396
Ion Ratio Lower Upper
94 100
96 93.0 66.1 122.7





#12

1,1-Dichloroethene

Concen: 18.147 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030425.D

Acq: 06 Apr 2023 18:10

Instrument :

MSVOA_V

ClientSampleId :

C0AD4

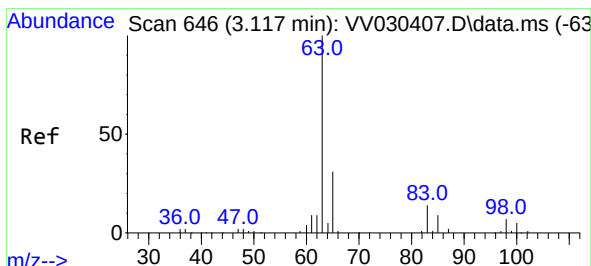
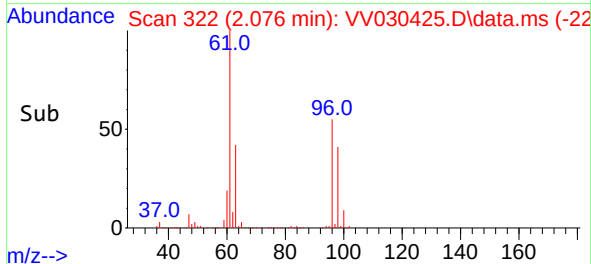
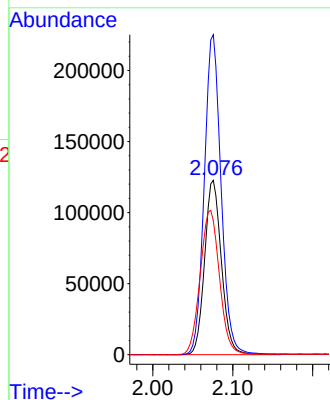
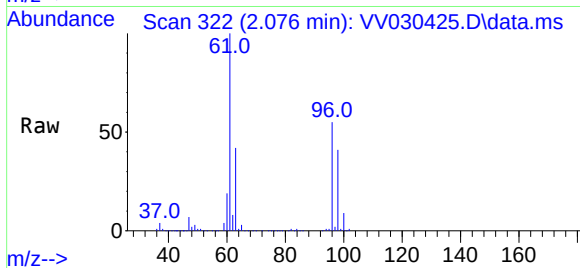
Tgt Ion: 96 Resp: 180233

Ion Ratio Lower Upper

96 100

61 183.4 136.3 253.1

63 76.8 92.1 171.1#



#19

1,1-Dichloroethane

Concen: 1.415 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030425.D

Acq: 06 Apr 2023 18:10

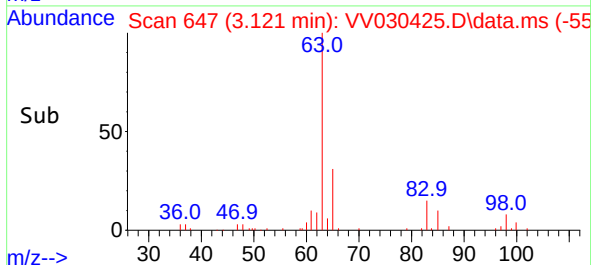
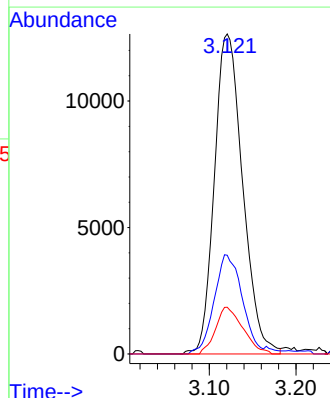
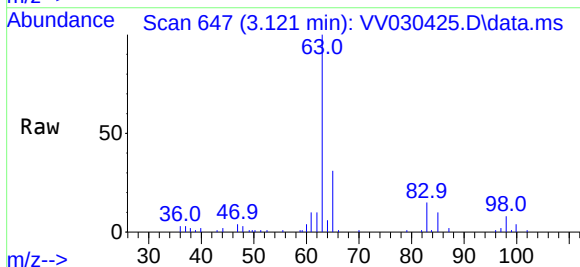
Tgt Ion: 63 Resp: 28695

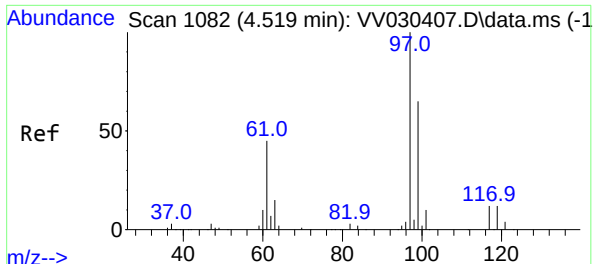
Ion Ratio Lower Upper

63 100

65 30.9 21.7 40.3

83 14.6 9.1 16.9

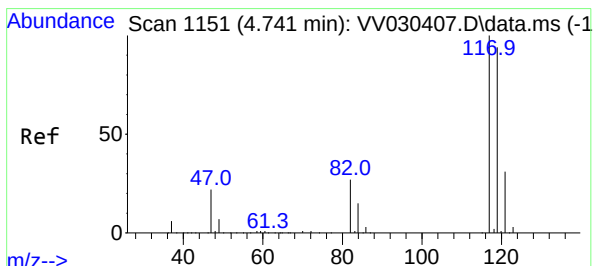
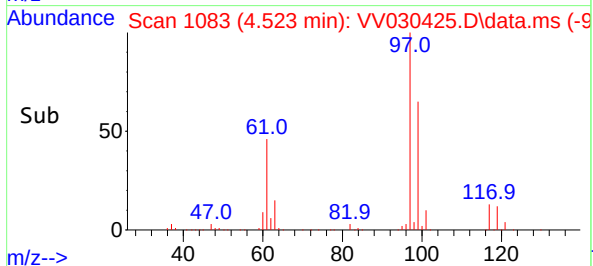
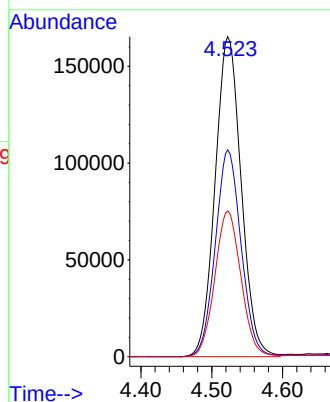
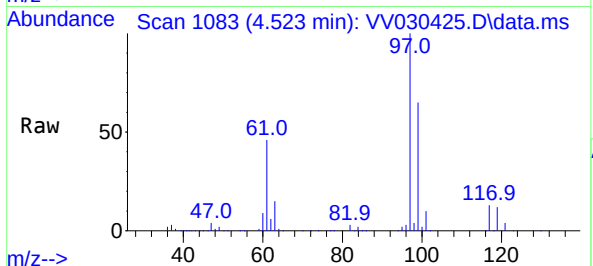




#29
1,1,1-Trichloroethane
Concen: 22.369 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

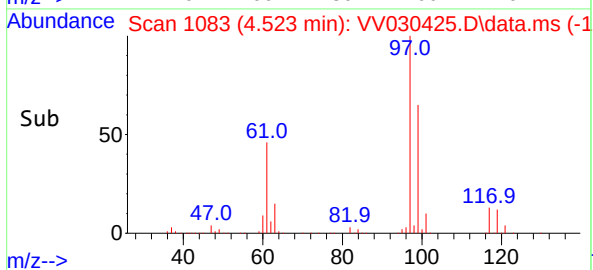
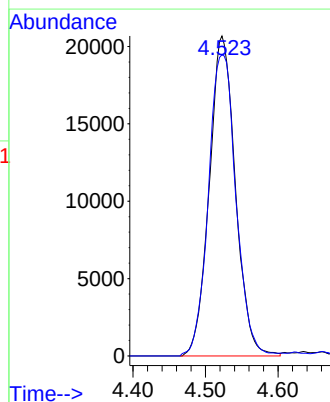
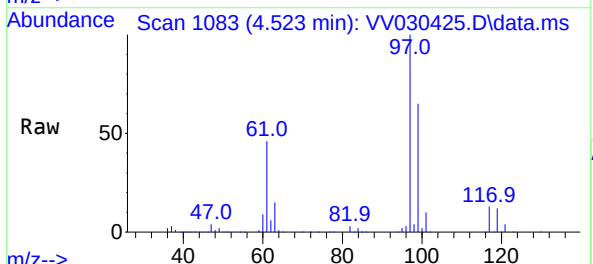
Instrument :
MSVOA_V
ClientSampleId :
C0AD4

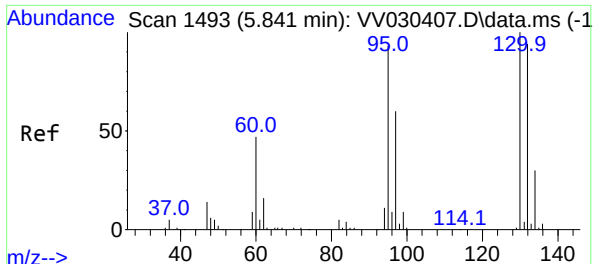
Tgt Ion: 97 Resp: 422324
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 45.7 35.9 53.9



#31
Carbon tetrachloride
Concen: 3.019 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. -0.222 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

Tgt Ion: 117 Resp: 51713
Ion Ratio Lower Upper
117 100
119 99.4 76.2 114.4





#34

Trichloroethene

Concen: 0.212 ug/L

RT: 5.847 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV030425.D

Acq: 06 Apr 2023 18:10

Instrument :

MSVOA_V

ClientSampleId :

C0AD4

Tgt Ion: 95 Resp: 2382

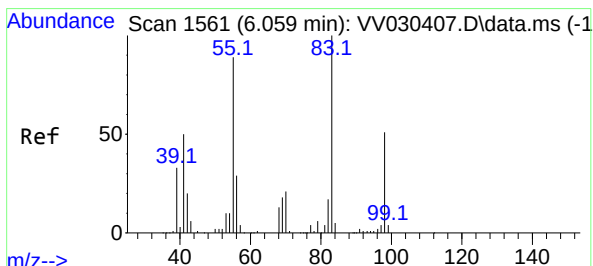
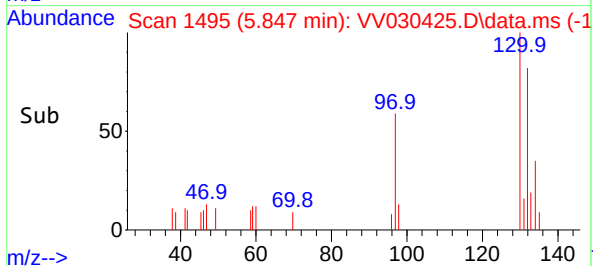
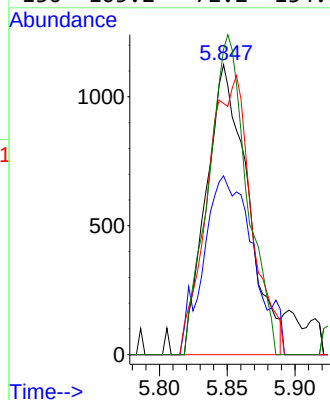
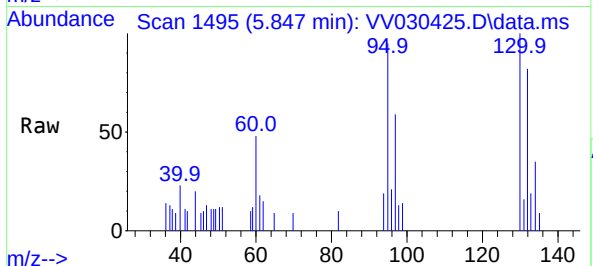
Ion Ratio Lower Upper

95 100

97 61.7 44.2 82.2

132 86.6 69.5 129.1

130 105.2 72.2 134.0



#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030425.D

Acq: 06 Apr 2023 18:10

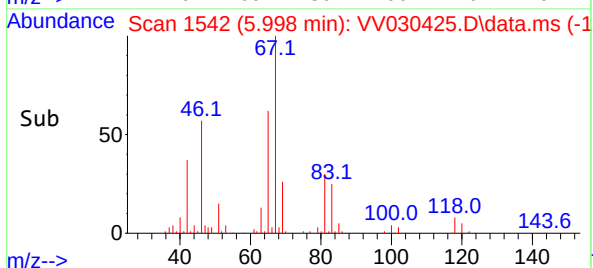
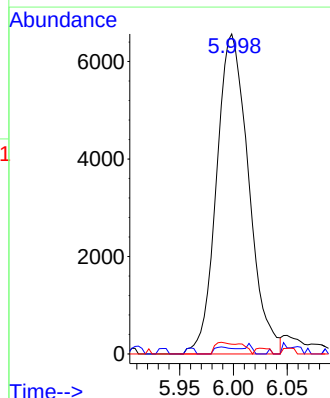
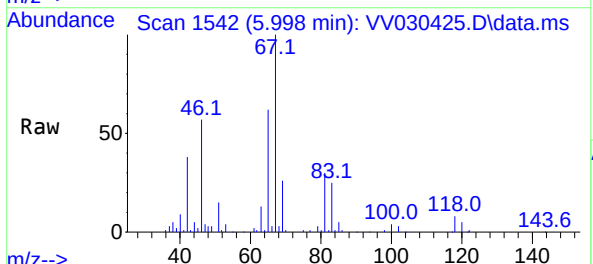
Tgt Ion: 83 Resp: 13607

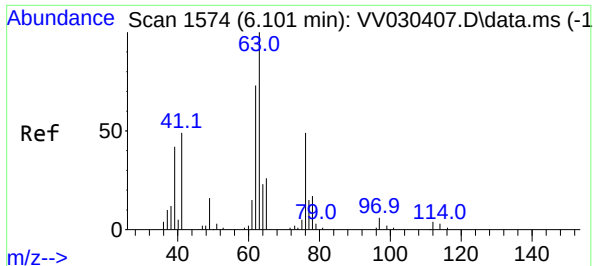
Ion Ratio Lower Upper

83 100

55 1.5 66.6 100.0#

98 3.0 38.6 58.0#

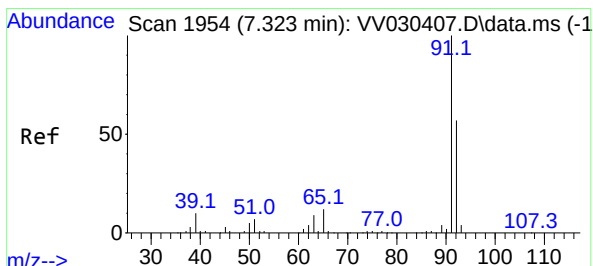
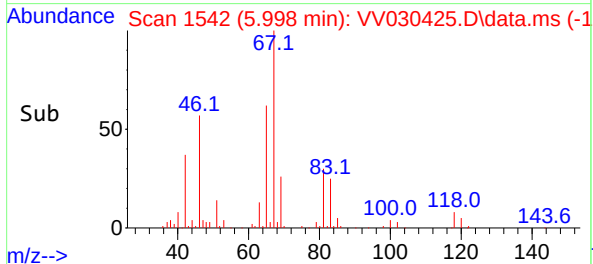
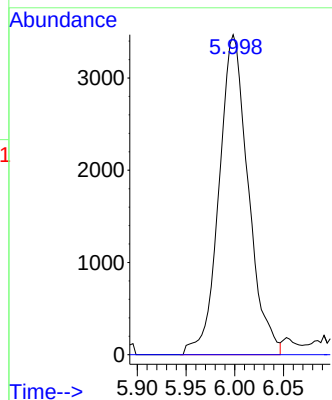
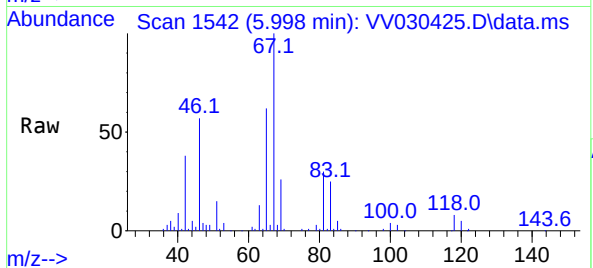




#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

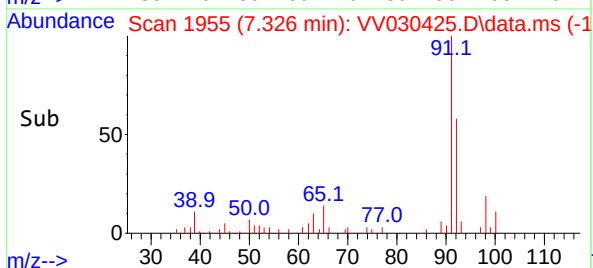
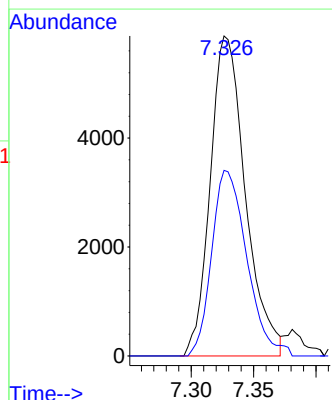
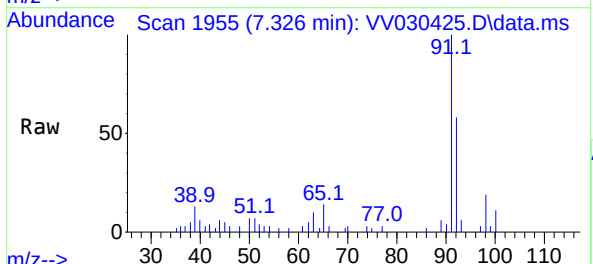
Instrument :
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C0AD4

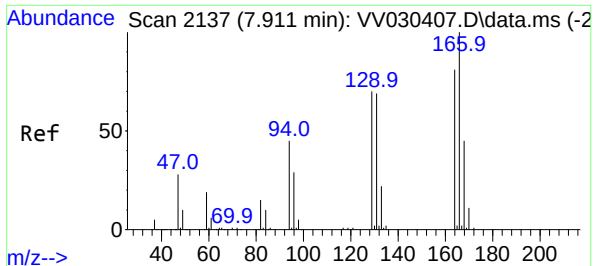
Tgt Ion: 63 Resp: 7232
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#



#42
Toluene
Concen: 0.259 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.003 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

Tgt Ion: 91 Resp: 11524
Ion Ratio Lower Upper
91 100
92 58.0 40.4 75.0

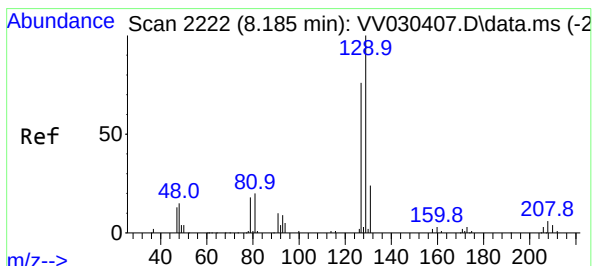
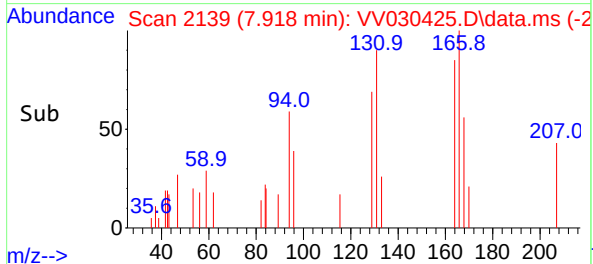
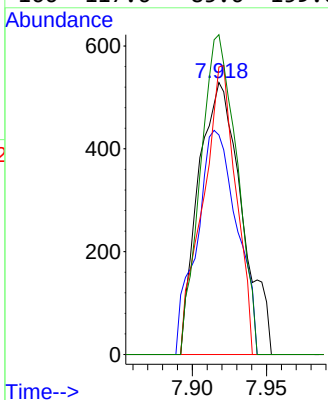
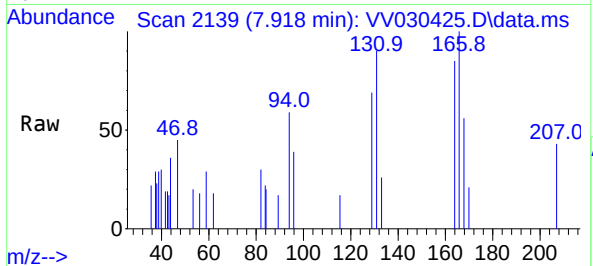




#47
Tetrachloroethene
Concen: 0.108 ug/L
RT: 7.918 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

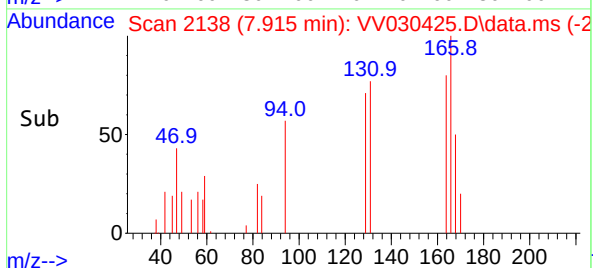
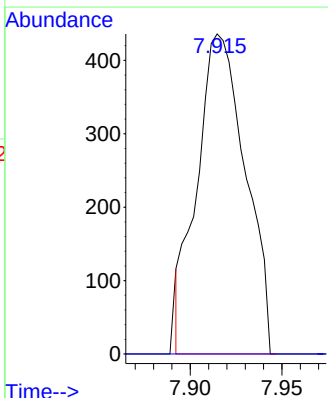
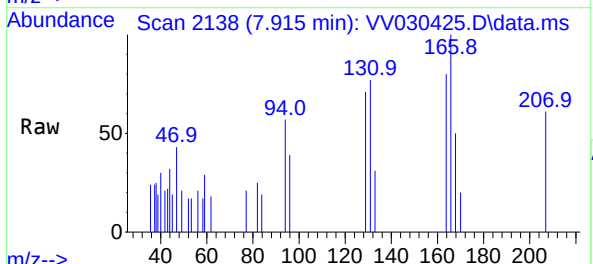
Instrument :
MSVOA_V
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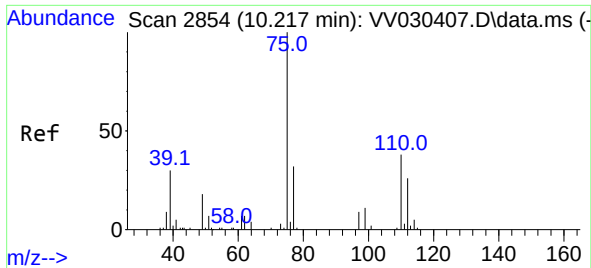
Tgt Ion:164 Resp: 1072
Ion Ratio Lower Upper
164 100
129 80.7 60.8 112.8
131 105.7 61.7 114.7
166 117.6 85.6 159.0



#49
Dibromochloromethane
Concen: 0.089 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

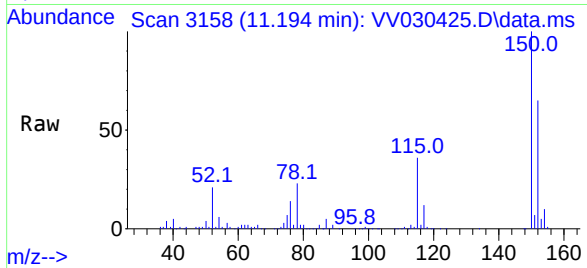
Tgt Ion:129 Resp: 802
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.246 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030425.D
 Acq: 06 Apr 2023 18:10

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4



Tgt Ion: 75 Resp: 6492
 Ion Ratio Lower Upper
 75 100
 77 40.9 26.0 39.0#
 110 3.4 31.6 47.4#

