

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030545.D
 Acq On : 13 Apr 2023 15:08
 Operator : SY/MD
 Sample : 02250-05DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

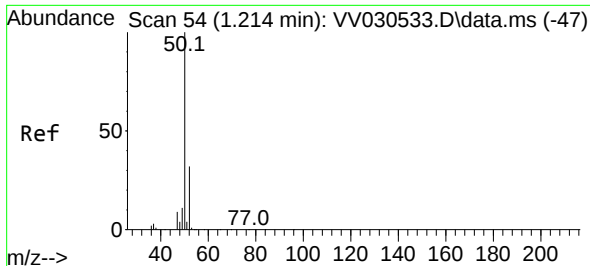
Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx6DL

Quant Time: Apr 14 05:20:57 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	127819	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59553	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30811	3.640	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.535	69	29905	3.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.066	63	106089	5.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	3.831	46	83413	38.122	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.240%
24) Chloroform-d	4.262	84	80555	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	4.956	65	41173	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	4.973	84	136836	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	5.998	67	46365	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.252	98	119541	3.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.564	79	16292	3.891	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.037	63	64136	38.121	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.240%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34846	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	45290	4.255	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2402	0.117	ug/L	98
6) Bromomethane	1.497	94	642	0.151	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	8023	0.667	ug/L	97
12) 1,1-Dichloroethene	2.072	96	83452	7.814	ug/L	85
19) 1,1-Dichloroethane	3.121	63	59890	2.746	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	5480	0.485	ug/L	96
29) 1,1,1-Trichloroethane	4.526	97	15807	0.780	ug/L	98
34) Trichloroethene	5.844	95	136342	11.292	ug/L	99
35) Methylcyclohexane	6.001	83	11937	0.630	ug/L #	17
44) trans-1,3-Dichloropropene	7.567	75	1088	0.079	ug/L #	57
47) Tetrachloroethene	7.915	164	22916	2.150	ug/L	95
49) Dibromochloromethane	7.915	129	19313	2.005	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6802	1.278	ug/L #	66

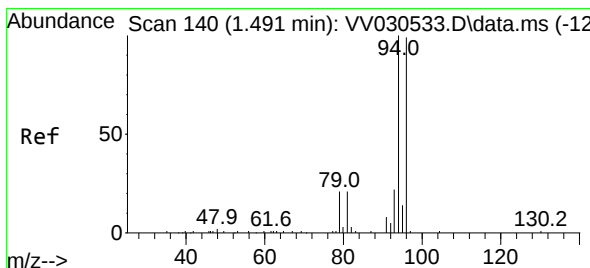
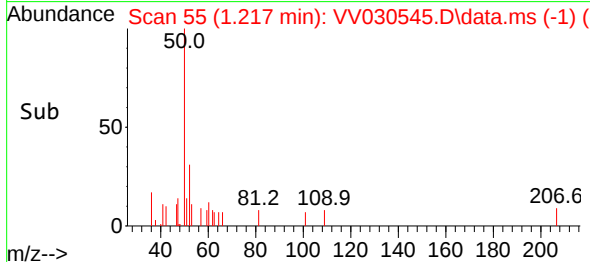
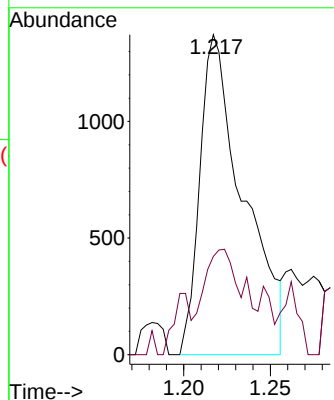
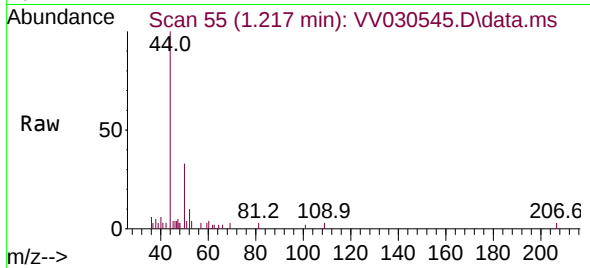
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.117 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030545.D
Acq: 13 Apr 2023 15:08

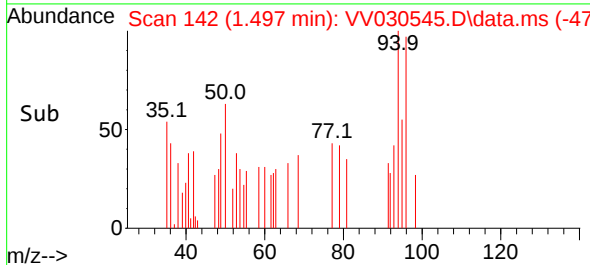
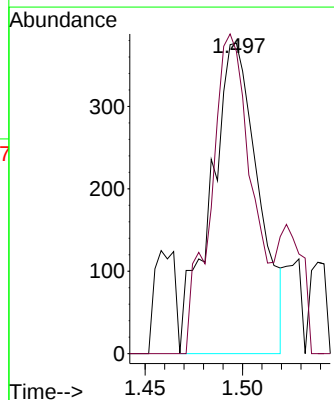
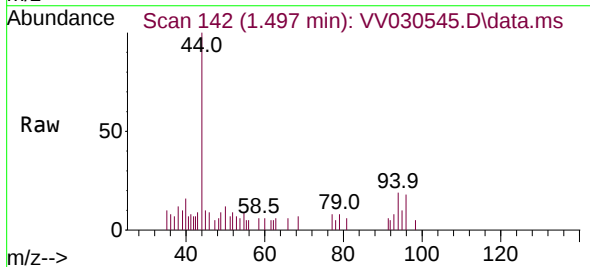
Instrument :
MSVOA_V
ClientSampleId :
BHD6DL

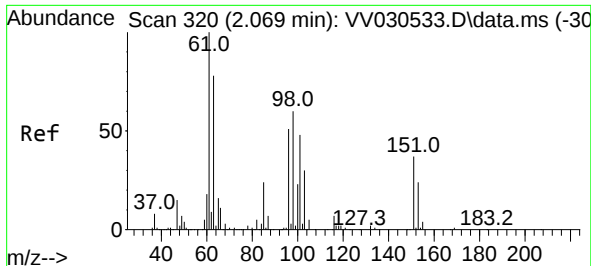
Tgt Ion: 50 Resp: 2402
Ion Ratio Lower Upper
50 100
52 30.7 22.3 41.5



#6
Bromomethane
Concen: 0.151 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030545.D
Acq: 13 Apr 2023 15:08

Tgt Ion: 94 Resp: 642
Ion Ratio Lower Upper
94 100
96 97.3 66.1 122.7

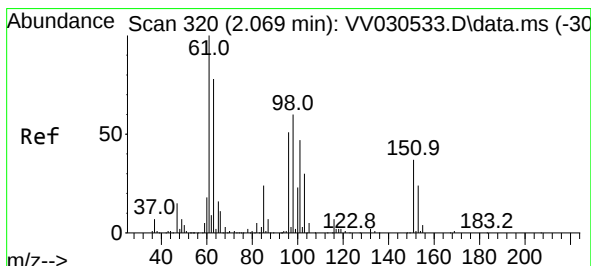
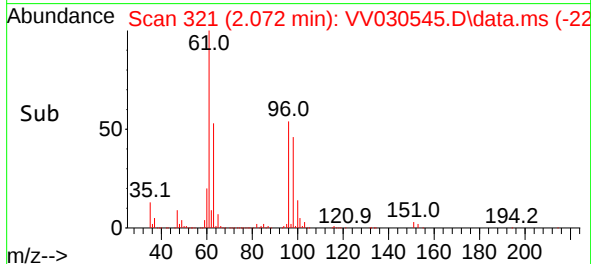
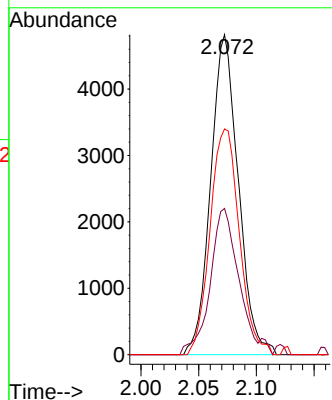
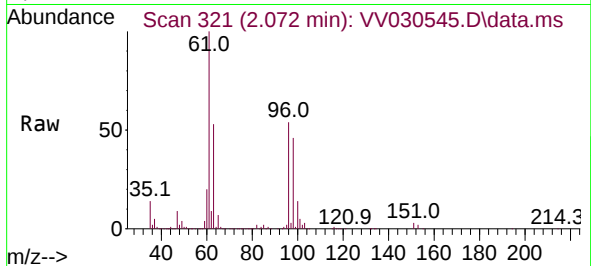




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.667 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV030545.D
 Acq: 13 Apr 2023 15:08

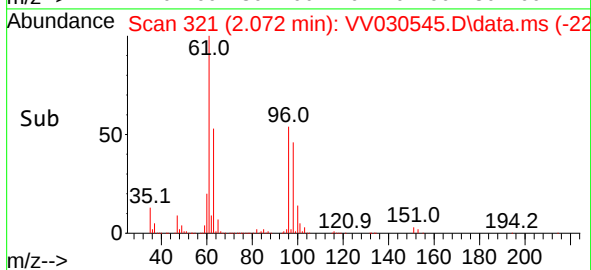
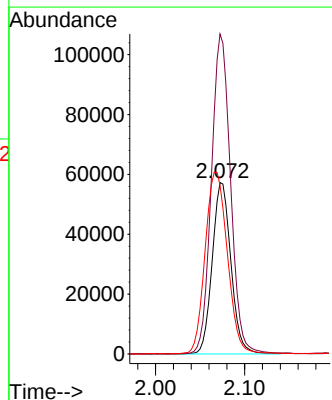
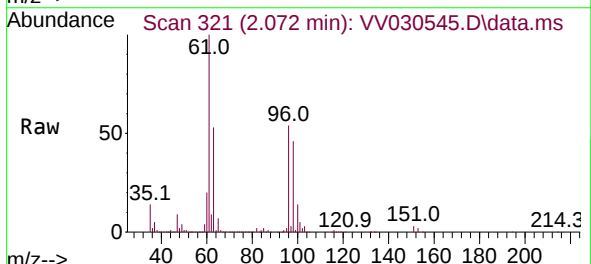
Instrument :
 MSVOA_V
 ClientSampleId :
 BHD6DL

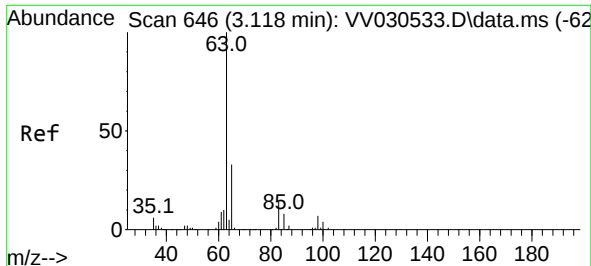
Tgt Ion:101 Resp: 8023
 Ion Ratio Lower Upper
 101 100
 85 47.7 38.1 57.1
 151 74.7 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 7.814 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV030545.D
 Acq: 13 Apr 2023 15:08

Tgt Ion: 96 Resp: 83452
 Ion Ratio Lower Upper
 96 100
 61 186.7 136.3 253.1
 63 98.4 92.1 171.1





#19

1,1-Dichloroethane

Concen: 2.746 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

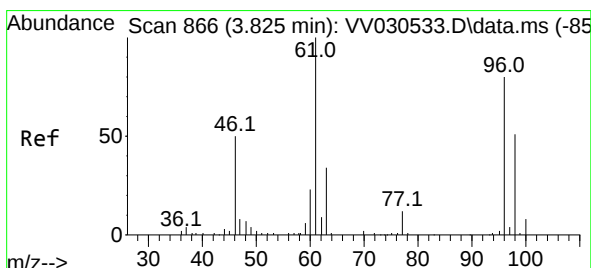
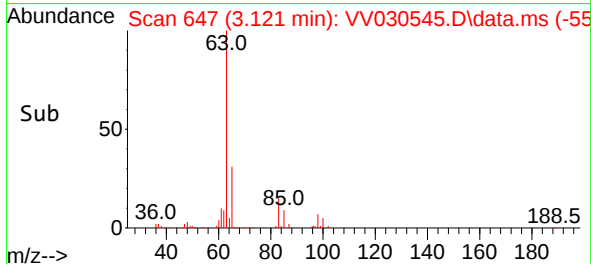
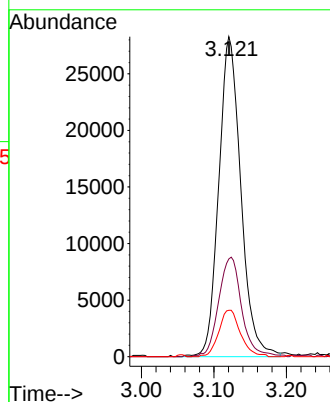
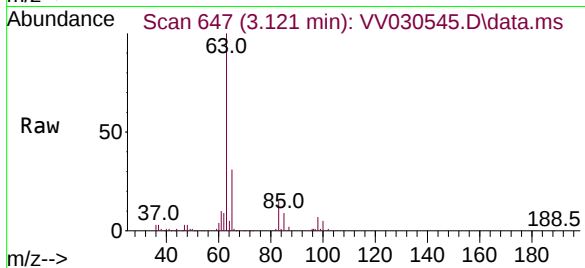
Tgt Ion: 63 Resp: 59890

Ion Ratio Lower Upper

63 100

65 30.5 21.7 40.3

83 14.5 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.485 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

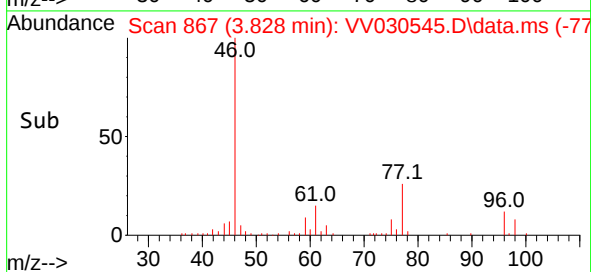
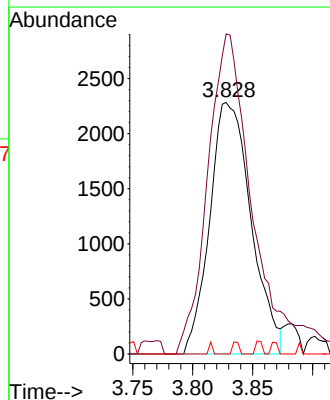
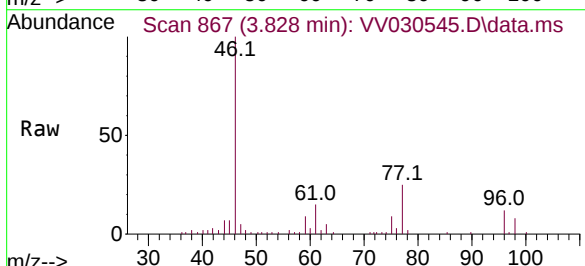
Tgt Ion: 96 Resp: 5480

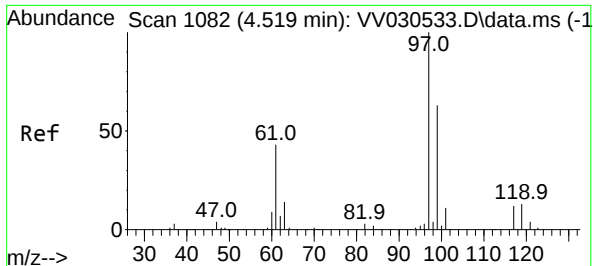
Ion Ratio Lower Upper

96 100

61 127.2 92.0 170.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.780 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

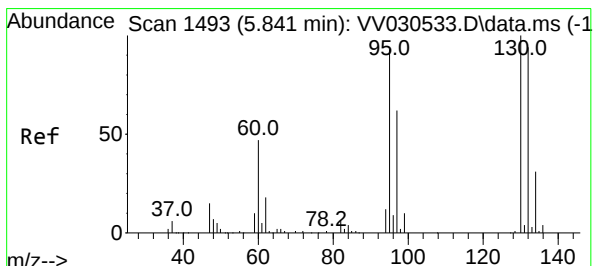
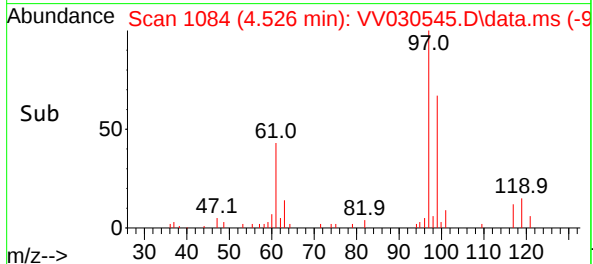
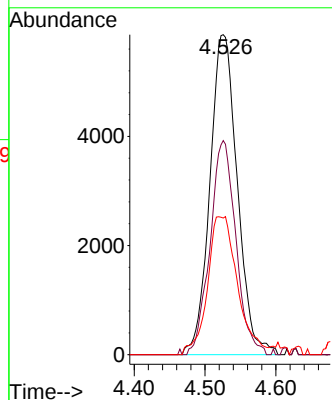
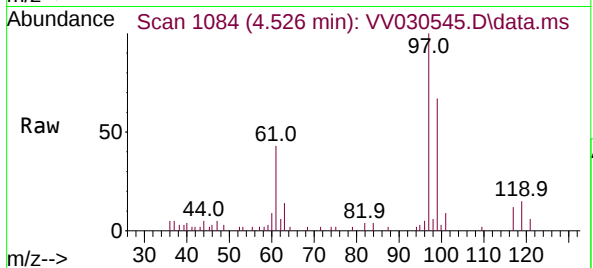
Tgt Ion: 97 Resp: 15807

Ion Ratio Lower Upper

97 100

99 62.8 50.9 76.3

61 47.1 35.9 53.9



#34

Trichloroethene

Concen: 11.292 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

Tgt Ion: 95 Resp: 136342

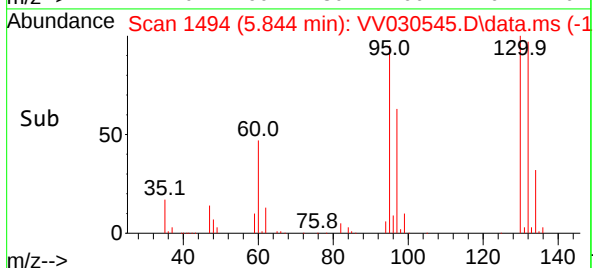
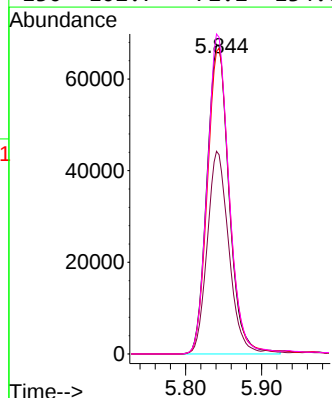
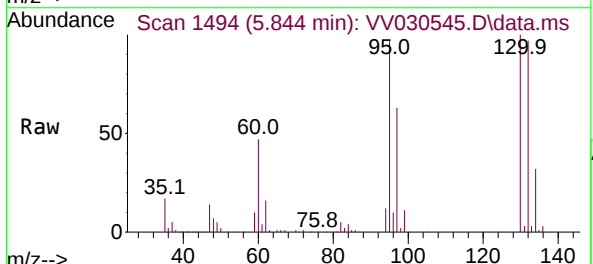
Ion Ratio Lower Upper

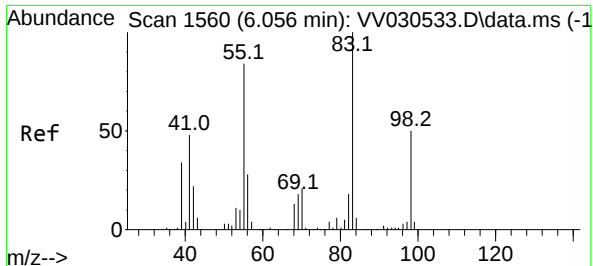
95 100

97 64.6 44.2 82.2

132 99.1 69.5 129.1

130 102.7 72.2 134.0





#35

Methylcyclohexane

Concen: 0.630 ug/L

RT: 6.001 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

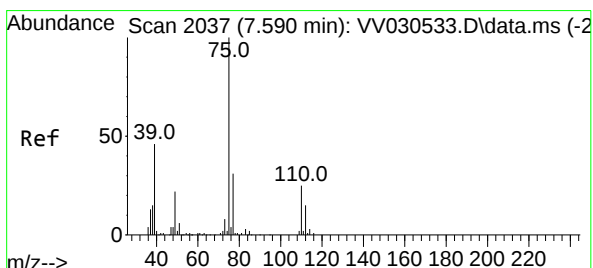
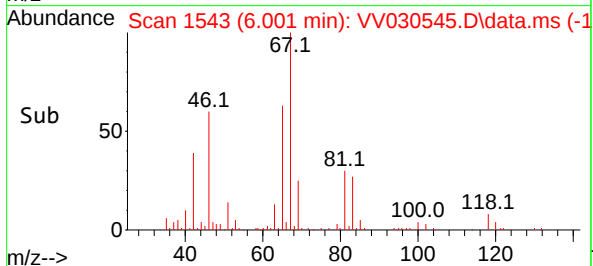
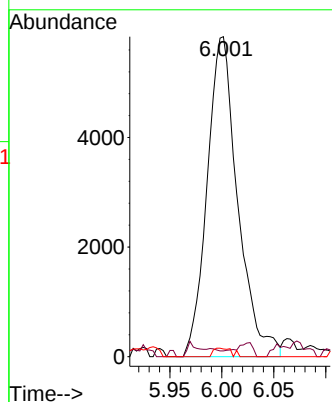
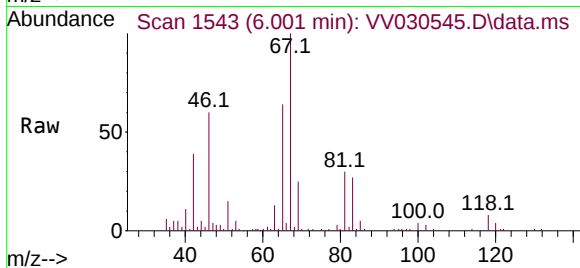
Tgt Ion: 83 Resp: 11937

Ion Ratio Lower Upper

83 100

55 1.6 66.6 100.0#

98 1.6 38.6 58.0#



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.567 min Scan# 2030

Delta R.T. -0.023 min

Lab File: VV030545.D

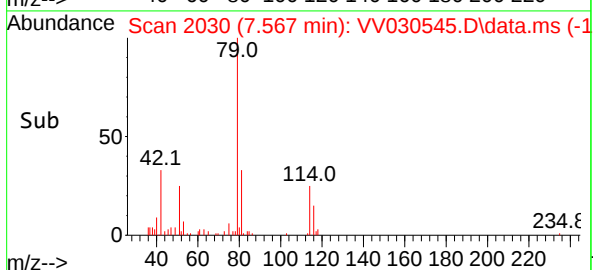
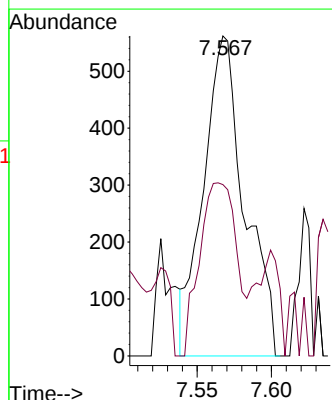
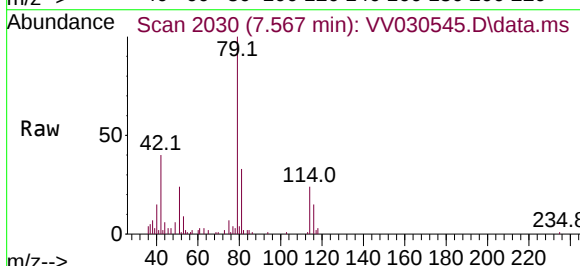
Acq: 13 Apr 2023 15:08

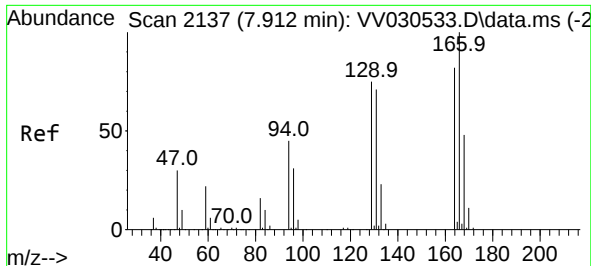
Tgt Ion: 75 Resp: 1088

Ion Ratio Lower Upper

75 100

77 53.6 21.2 39.4#





#47

Tetrachloroethene

Concen: 2.150 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

Tgt Ion:164 Resp: 22916

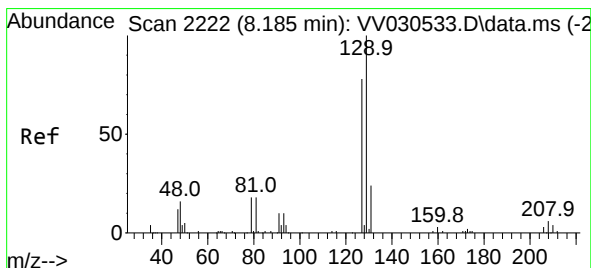
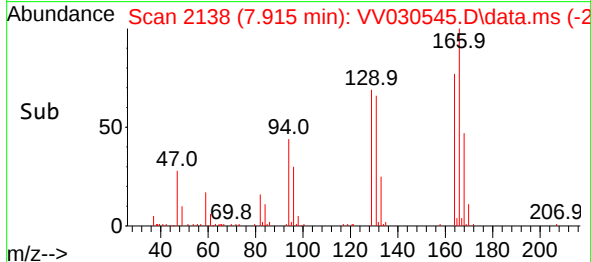
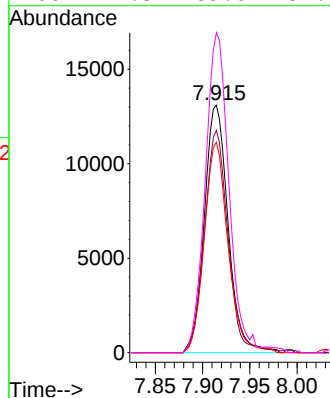
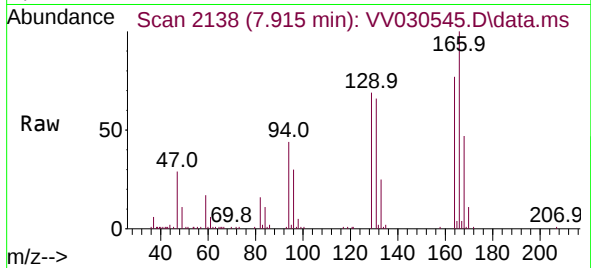
Ion Ratio Lower Upper

164 100

129 89.8 60.8 112.8

131 85.0 61.7 114.7

166 129.3 85.6 159.0



#49

Dibromochloromethane

Concen: 2.005 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030545.D

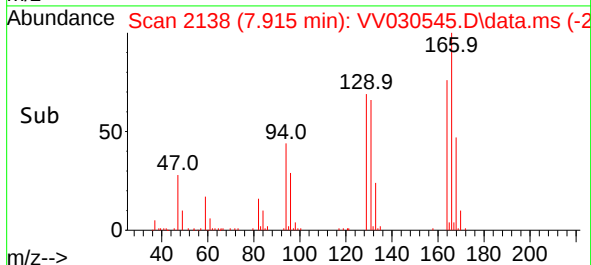
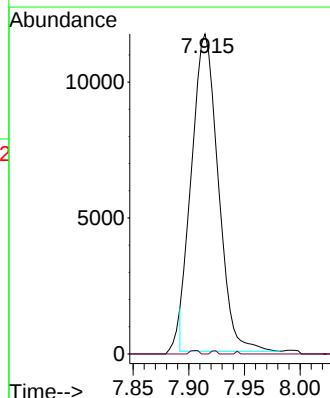
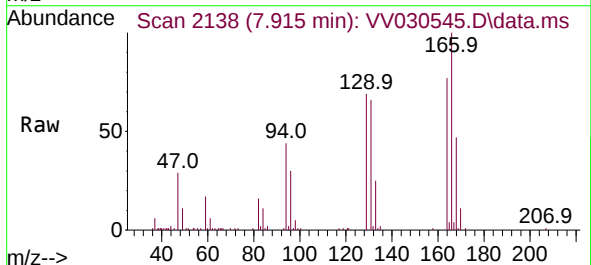
Acq: 13 Apr 2023 15:08

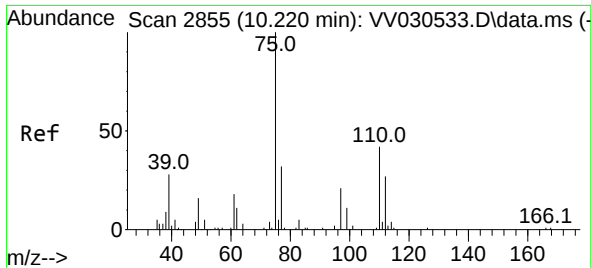
Tgt Ion:129 Resp: 19313

Ion Ratio Lower Upper

129 100

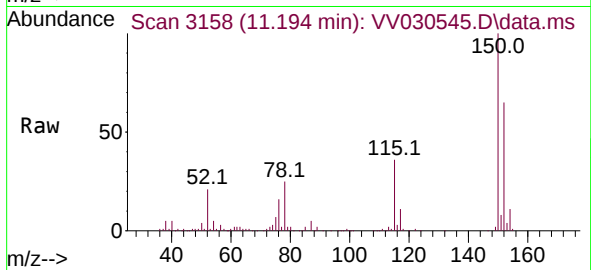
127 0.0 52.7 97.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.278 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030545.D
 Acq: 13 Apr 2023 15:08

Instrument :
 MSVOA_V
 ClientSampleId :
 BHD6DL



Tgt Ion: 75 Resp: 6802
 Ion Ratio Lower Upper
 75 100
 77 36.6 26.0 39.0
 110 5.5 31.6 47.4#

