

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020323\
 Data File : VW030033.D
 Acq On : 03 Feb 2023 11:23
 Operator : SY/MD
 Sample : 01408-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

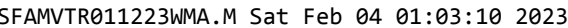
Quant Time: Feb 04 01:03:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 04 01:01:21 2023
 Response via : Initial Calibration

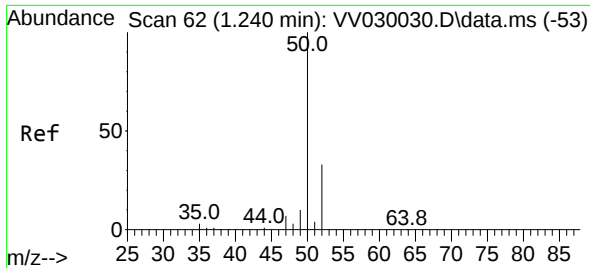
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	233527	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	225642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	110777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81338	4.592	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.564	69	78812	5.368	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.400%
11) 1,1-Dichloroethene-d2	2.101	63	113226	3.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.886	46	160958	51.269	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.540%
24) Chloroform-d	4.333	84	153857	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.021	65	66673	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.040	84	319820	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.056	67	102286	5.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.304	98	271095	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.612	79	31407	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.082	63	144407	49.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.160%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	71624	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	98918	4.912	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	3189	0.139	ug/L	99
13) Acetone	2.175	43	3481	1.553	ug/L	90
22) cis-1,2-Dichloroethene	3.899	96	8106	0.410	ug/L	96
27) 1,2-Dichloroethane	5.034	62	1527	0.093	ug/L #	71
34) Trichloroethene	5.905	95	15299	0.809	ug/L	98
35) Methylcyclohexane	6.056	83	23276	0.729	ug/L #	21
37) 1,2-Dichloropropane	6.056	63	10185	0.583	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	2040	0.087	ug/L #	58
47) Tetrachloroethene	7.966	164	7123	0.447	ug/L	97
48) 2-Hexanone	8.082	43	15486	2.906	ug/L #	62
49) Dibromochloromethane	7.966	129	6771	0.458	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	13054	1.591	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.239	75	498	0.257	ug/L #	1

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

Quant Time: Feb 04 01:03:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 04 01:01:21 2023
Response via : Initial Calibration

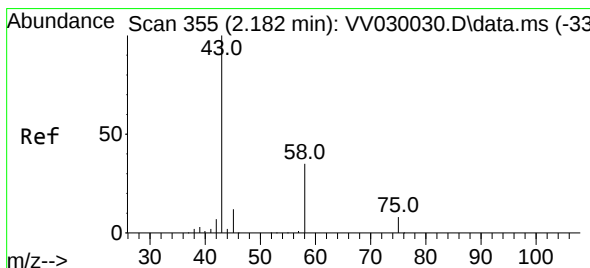
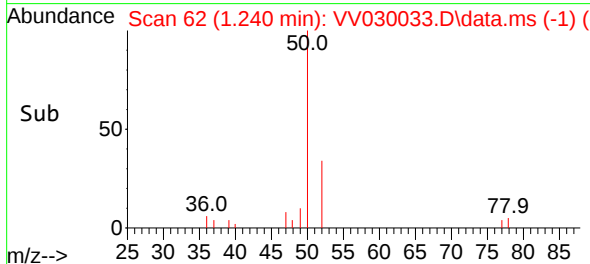
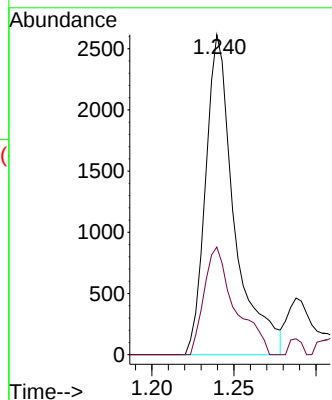
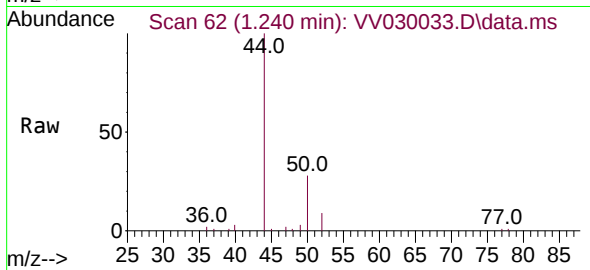




#3
 Chloromethane
 Concen: 0.139 ug/L
 RT: 1.240 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV030033.D
 Acq: 03 Feb 2023 11:23

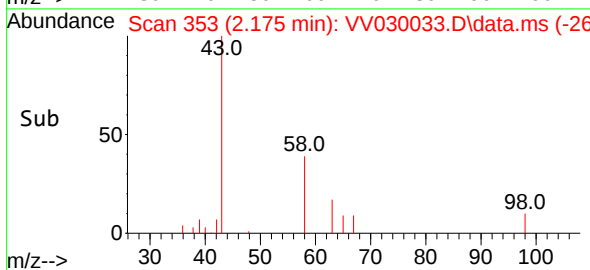
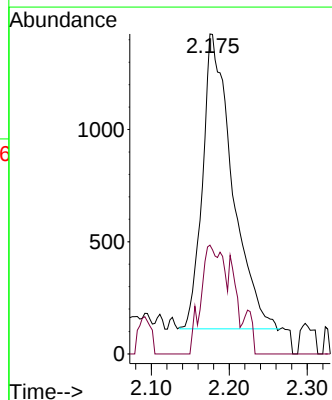
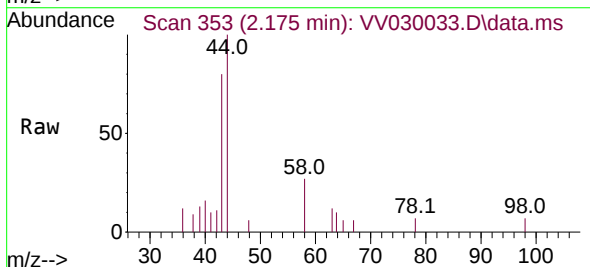
Instrument :
 MSVOA_V
 ClientSampleId :

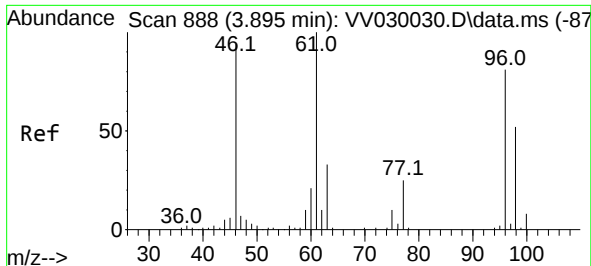
Tgt Ion: 50 Resp: 3189
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.1 42.9



#13
 Acetone
 Concen: 1.553 ug/L
 RT: 2.175 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VV030033.D
 Acq: 03 Feb 2023 11:23

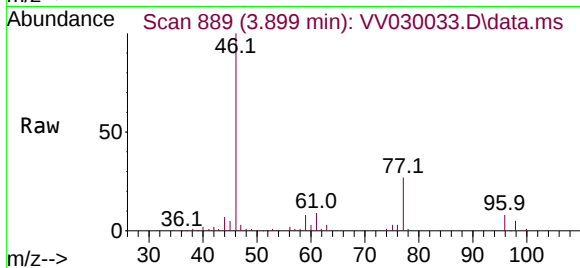
Tgt Ion: 43 Resp: 3481
 Ion Ratio Lower Upper
 43 100
 58 28.7 0.0 68.8



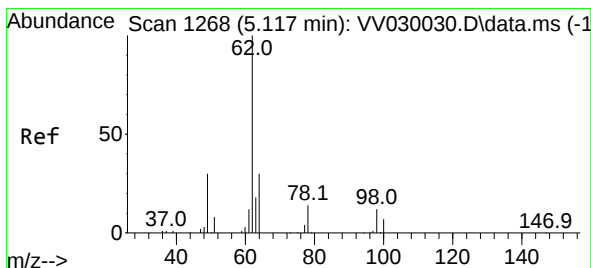
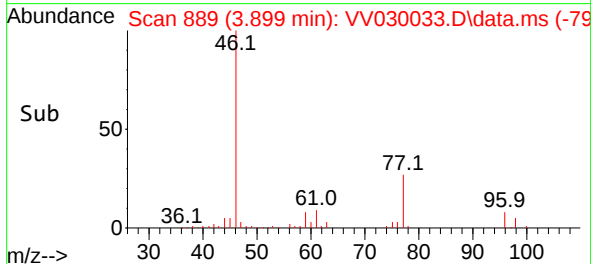
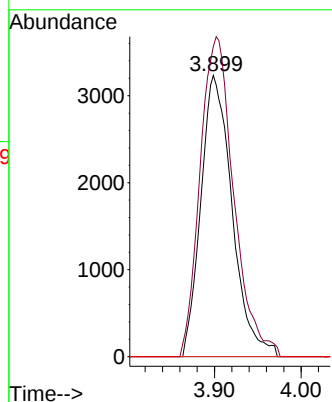


#22
 cis-1,2-Dichloroethene
 Concen: 0.410 ug/L
 RT: 3.899 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV030033.D
 Acq: 03 Feb 2023 11:23

Instrument :
 MSVOA_V
 ClientSampleId :

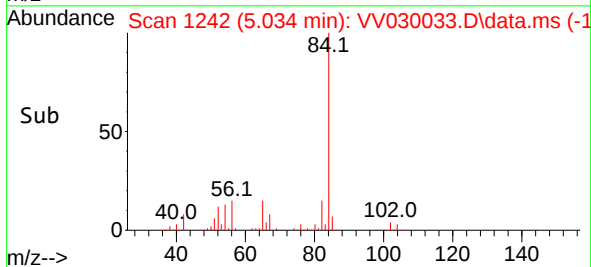
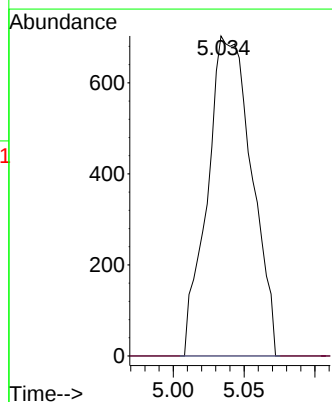
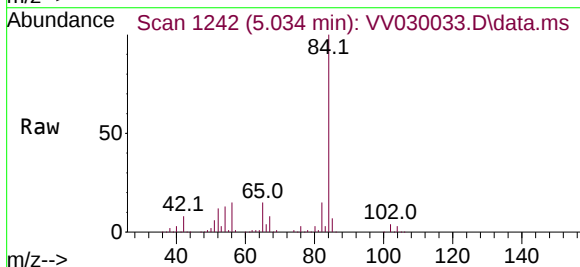


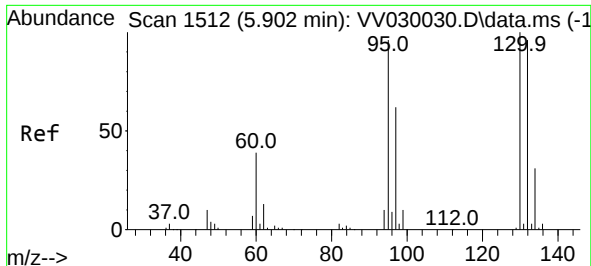
Tgt Ion: 96 Resp: 8106
 Ion Ratio Lower Upper
 96 100
 61 110.3 80.0 148.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.034 min Scan# 1242
 Delta R.T. -0.084 min
 Lab File: VV030033.D
 Acq: 03 Feb 2023 11:23

Tgt Ion: 62 Resp: 1527
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.9 13.3#



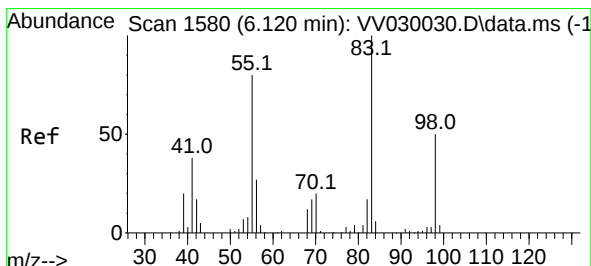
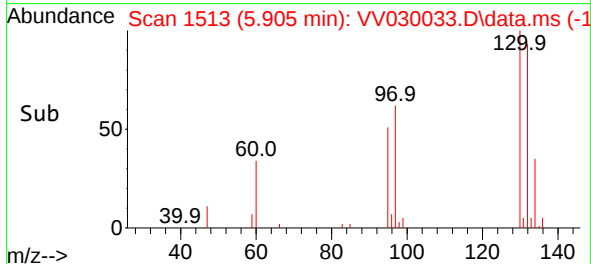
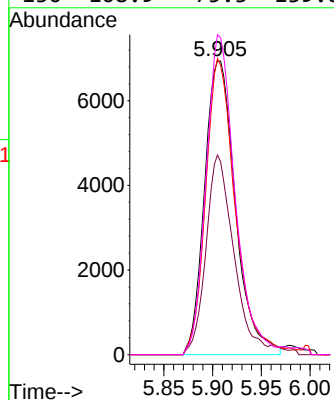
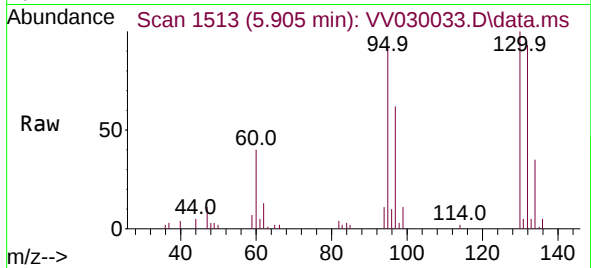


#34
Trichloroethene
Concen: 0.809 ug/L
RT: 5.905 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030033.D
Acq: 03 Feb 2023 11:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 15299

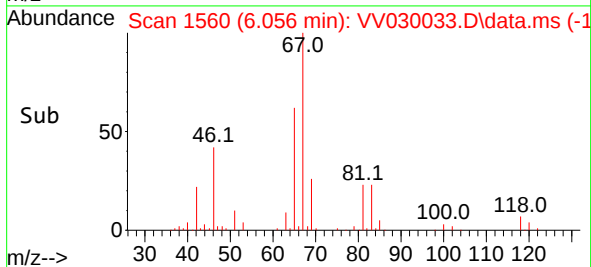
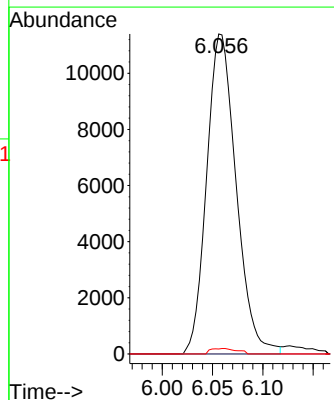
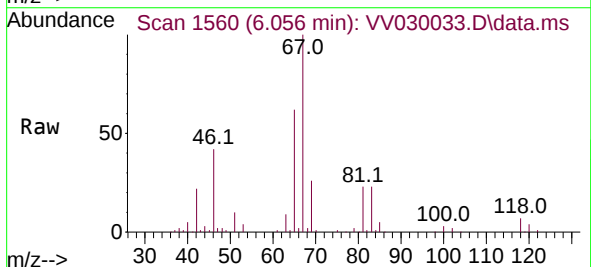
Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.9	83.3
132	100.8	71.8	133.4
130	108.9	75.3	139.8

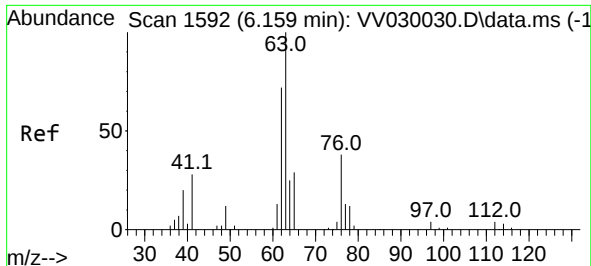


#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.064 min
Lab File: VV030033.D
Acq: 03 Feb 2023 11:23

Tgt Ion: 83 Resp: 23276

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	1.5	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.056 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV030033.D

Acq: 03 Feb 2023 11:23

Instrument :

MSVOA_V

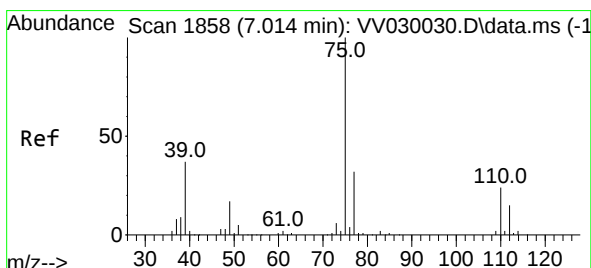
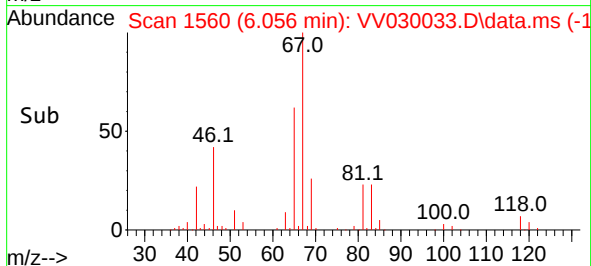
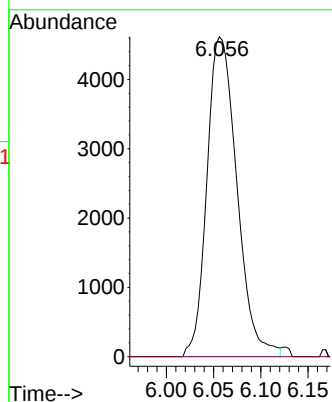
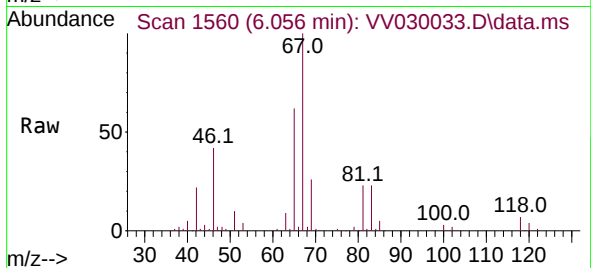
ClientSampleId :

Tgt Ion: 63 Resp: 10185

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.032 min

Lab File: VV030033.D

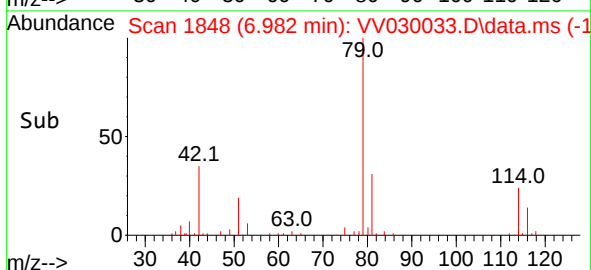
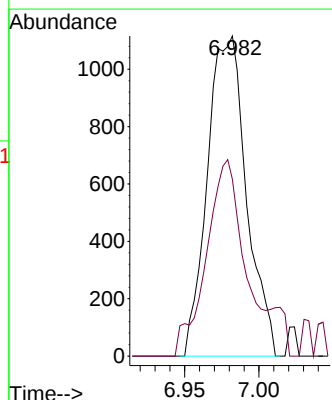
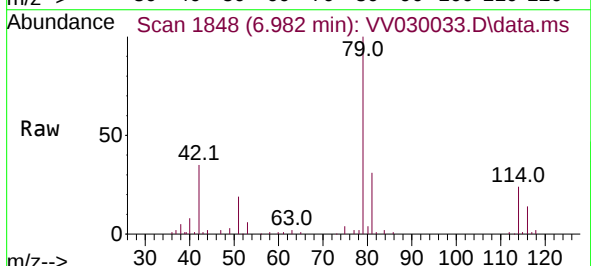
Acq: 03 Feb 2023 11:23

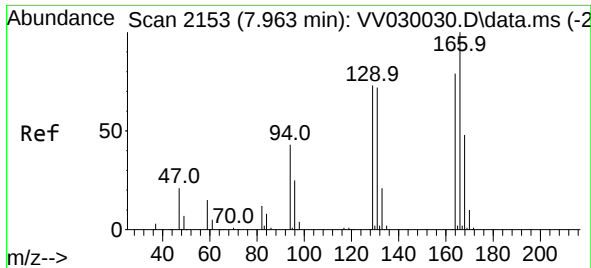
Tgt Ion: 75 Resp: 2040

Ion Ratio Lower Upper

75 100

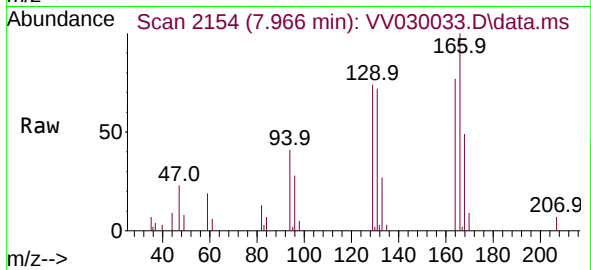
77 55.3 22.4 41.6#



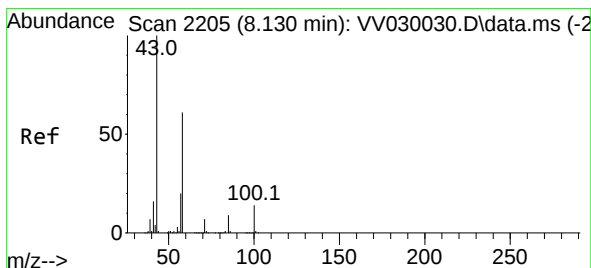
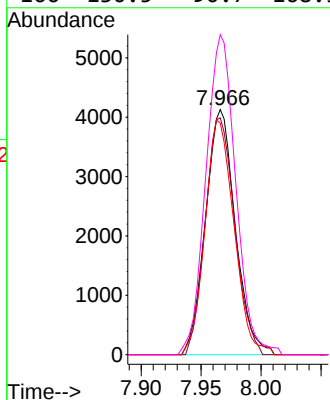
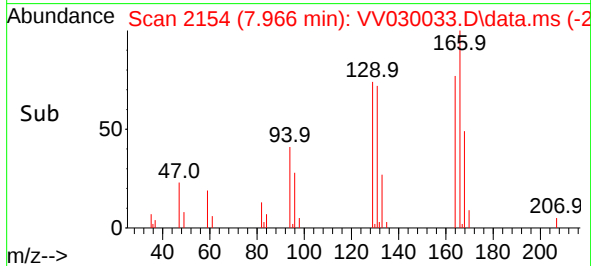


#47
Tetrachloroethene
Concen: 0.447 ug/L
RT: 7.966 min Scan# 2153
Delta R.T. 0.003 min
Lab File: VV030033.D
Acq: 03 Feb 2023 11:23

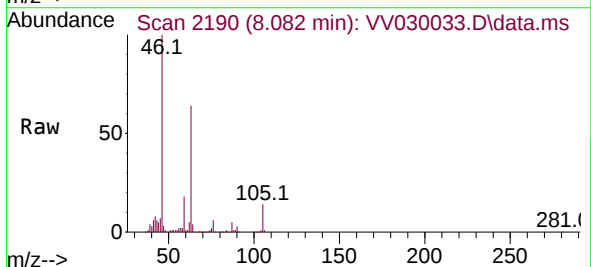
Instrument :
MSVOA_V
ClientSampleId :



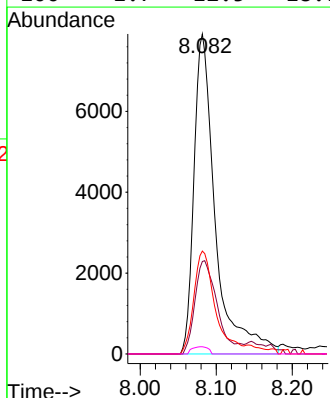
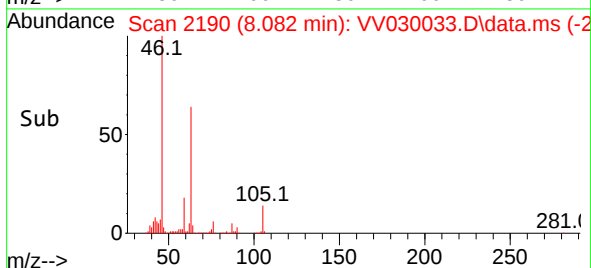
Tgt Ion:164 Resp: 7123
Ion Ratio Lower Upper
164 100
129 96.6 64.5 119.7
131 94.4 62.9 116.7
166 130.5 90.7 168.5

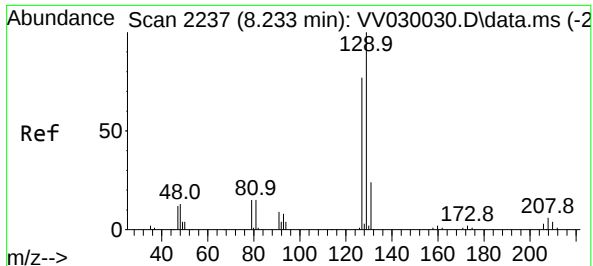


#48
2-Hexanone
Concen: 2.906 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.048 min
Lab File: VV030033.D
Acq: 03 Feb 2023 11:23



Tgt Ion: 43 Resp: 15486
Ion Ratio Lower Upper
43 100
58 29.9 51.4 77.2#
57 32.2 17.0 25.6#
100 1.7 12.5 18.7#





#49

Dibromochloromethane

Concen: 0.458 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.267 min

Lab File: VV030033.D

Acq: 03 Feb 2023 11:23

Instrument :

MSVOA_V

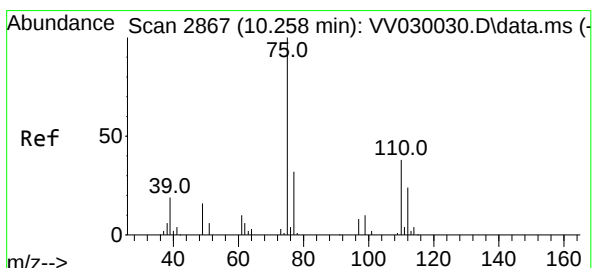
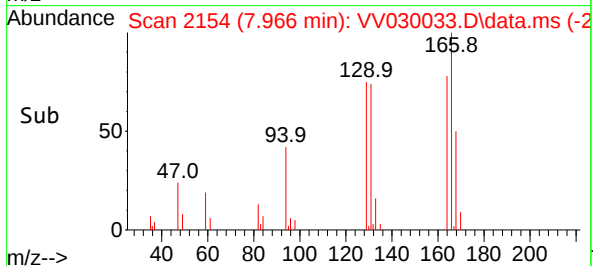
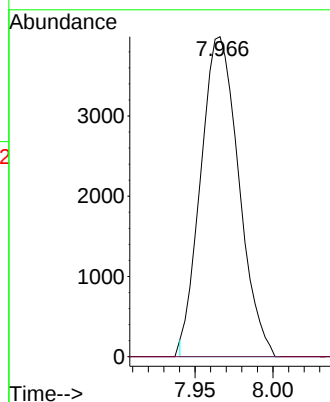
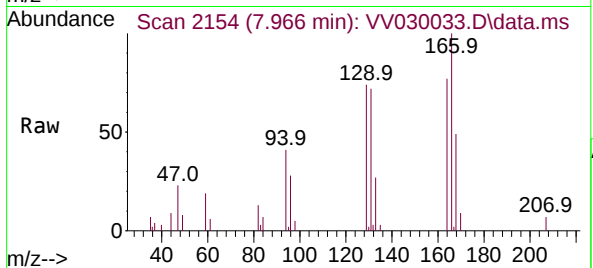
ClientSampleId :

Tgt Ion:129 Resp: 6771

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.591 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.977 min

Lab File: VV030033.D

Acq: 03 Feb 2023 11:23

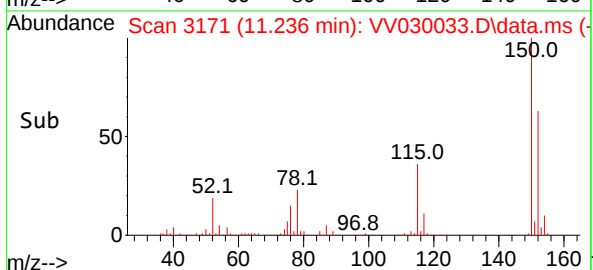
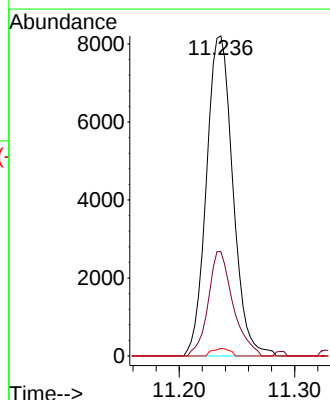
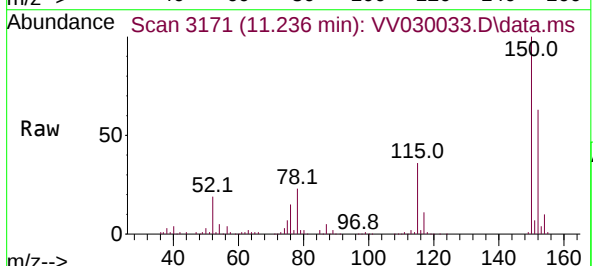
Tgt Ion: 75 Resp: 13054

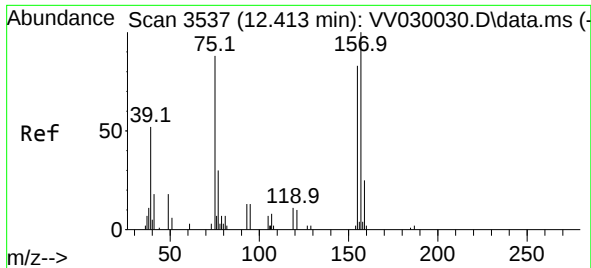
Ion Ratio Lower Upper

75 100

77 30.6 26.5 39.7

110 1.6 31.8 47.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.257 ug/L

RT: 12.239 min Scan# 34

Delta R.T. -0.174 min

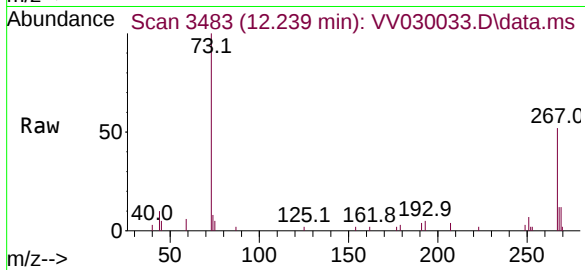
Lab File: VV030033.D

Acq: 03 Feb 2023 11:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 498

Ion Ratio Lower Upper

75 100

155 0.0 75.5 113.3#

157 0.0 99.2 148.8#

