

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020323\
 Data File : VW030034.D
 Acq On : 03 Feb 2023 11:47
 Operator : SY/MD
 Sample : 01408-03DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 04 01:03:17 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)

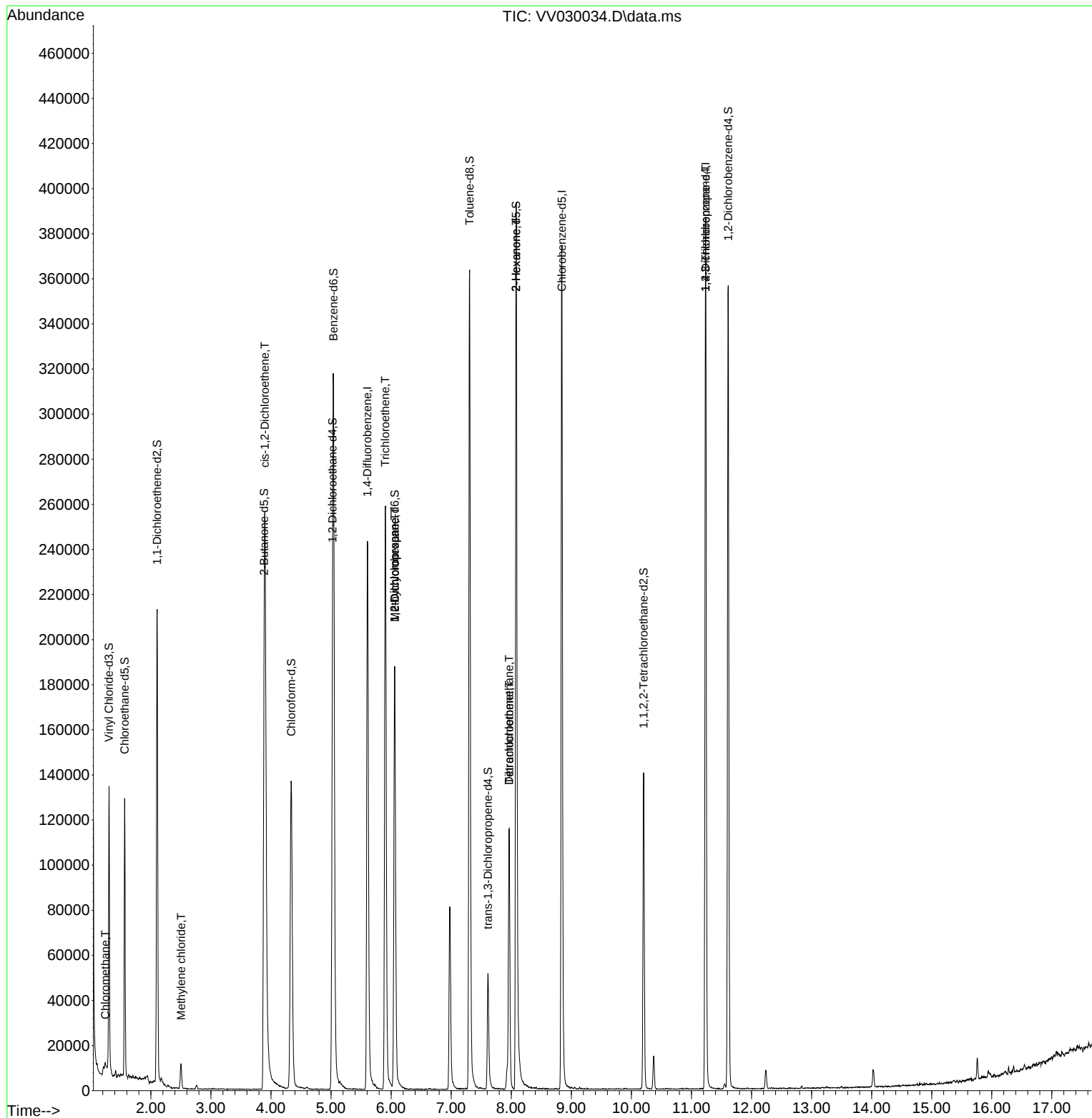
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	225901	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	216837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	107312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79134	4.618	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.565	69	78331	5.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.200%
11) 1,1-Dichloroethene-d2	2.105	63	110516	3.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.886	46	174184	57.355	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.720%
24) Chloroform-d	4.336	84	149479	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.024	65	65957	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.040	84	308397	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.060	67	99809	5.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.307	98	257972	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.612	79	31013	4.511	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.082	63	154937	55.356	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.720%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70909	5.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	96795	4.961	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1722	0.078	ug/L	95
16) Methylene chloride	2.503	84	5065	0.211	ug/L	93
22) cis-1,2-Dichloroethene	3.899	96	107684	5.636	ug/L	97
34) Trichloroethene	5.902	95	95469	5.255	ug/L	97
35) Methylcyclohexane	6.060	83	22391	0.730	ug/L #	20
37) 1,2-Dichloropropane	6.060	63	10071	0.600	ug/L #	85
47) Tetrachloroethene	7.966	164	27757	1.815	ug/L	96
48) 2-Hexanone	8.082	43	16207	3.165	ug/L #	63
49) Dibromochloromethane	7.963	129	24978	1.760	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	12598	1.585	ug/L #	65

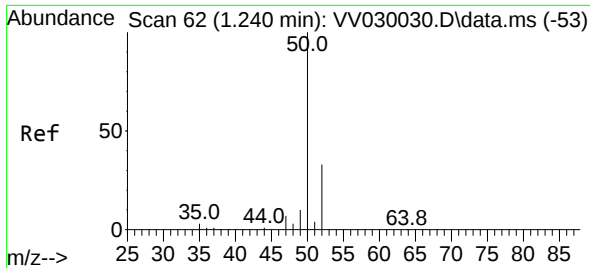
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 04 01:01:21 2023
Response via : Initial Calibration

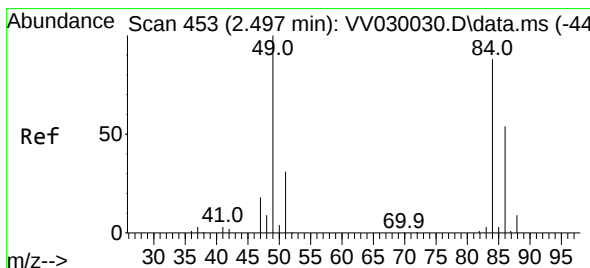
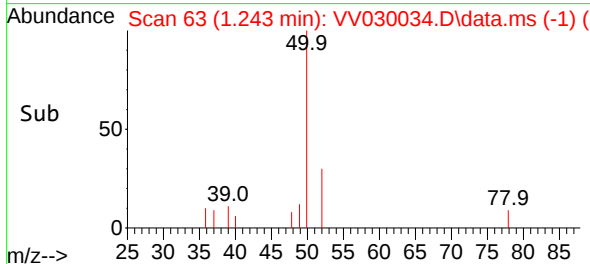
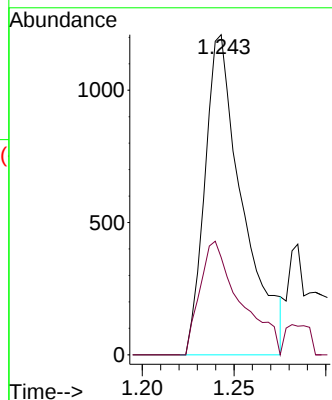
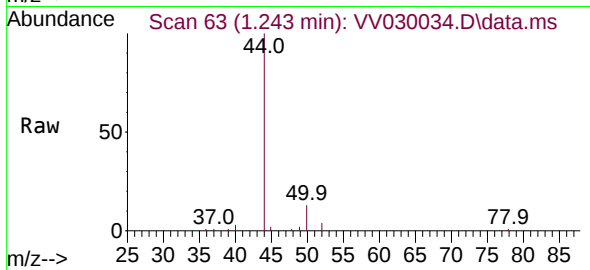




#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV030034.D
Acq: 03 Feb 2023 11:47

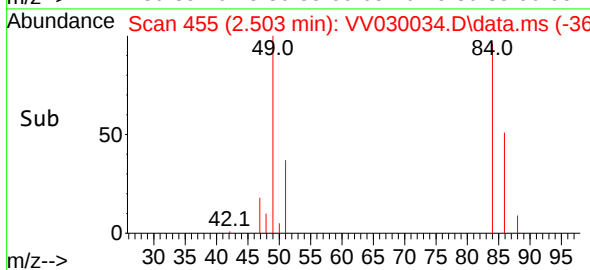
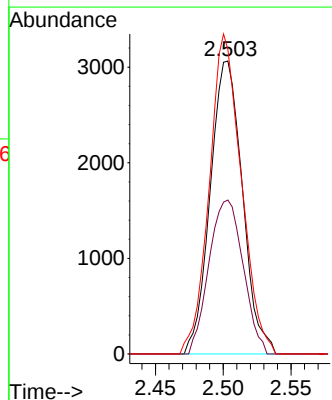
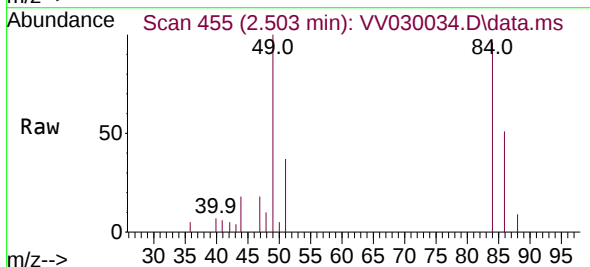
Instrument :
MSVOA_V
ClientSampleId :

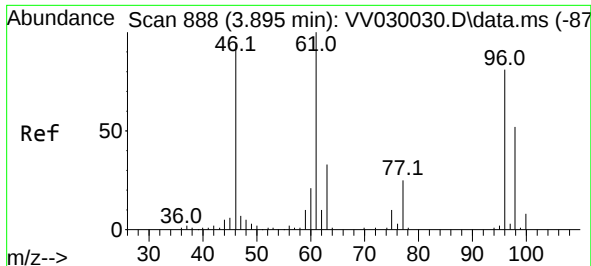
Tgt Ion: 50 Resp: 1722
Ion Ratio Lower Upper
50 100
52 30.4 23.1 42.9



#16
Methylene chloride
Concen: 0.211 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.007 min
Lab File: VV030034.D
Acq: 03 Feb 2023 11:47

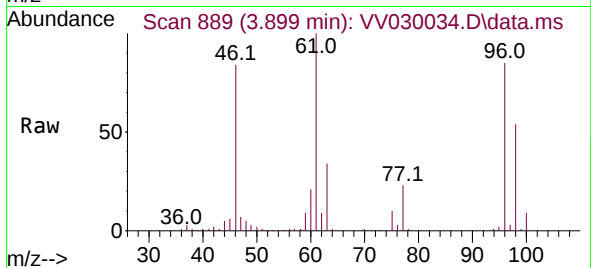
Tgt Ion: 84 Resp: 5065
Ion Ratio Lower Upper
84 100
86 52.6 45.0 83.6
49 103.9 71.5 132.7





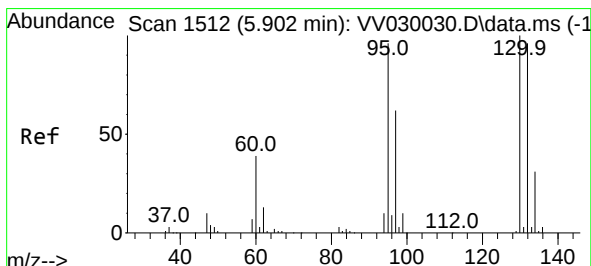
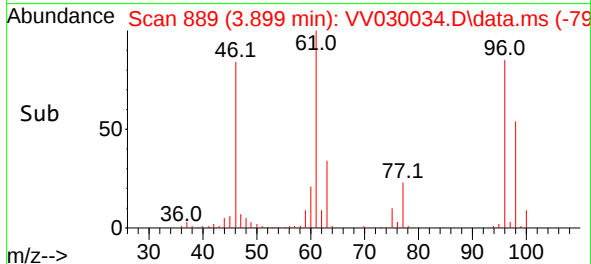
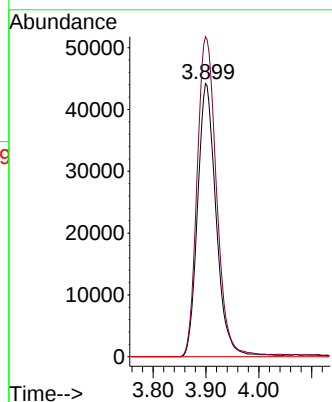
#22
 cis-1,2-Dichloroethene
 Concen: 5.636 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. 0.003 min
 Lab File: VV030034.D
 Acq: 03 Feb 2023 11:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 107684

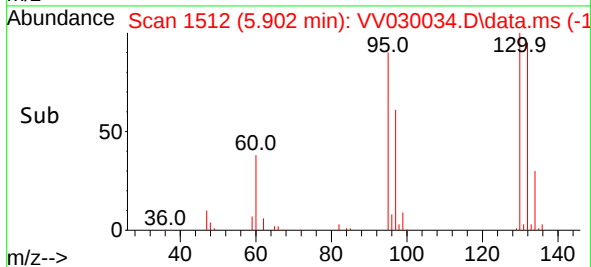
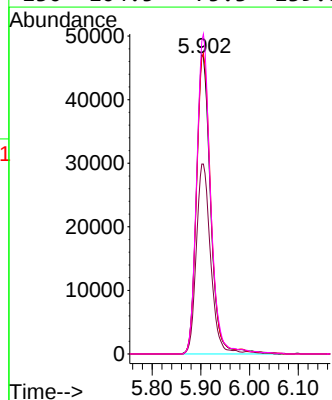
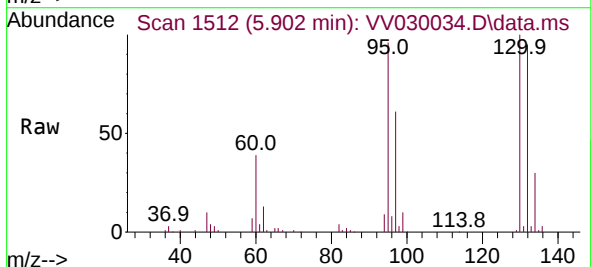
Ion	Ratio	Lower	Upper
96	100		
61	117.2	80.0	148.6
68	0.0	0.0	0.0

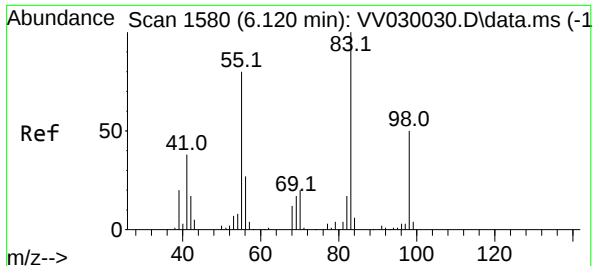


#34
 Trichloroethene
 Concen: 5.255 ug/L
 RT: 5.902 min Scan# 1512
 Delta R.T. 0.000 min
 Lab File: VV030034.D
 Acq: 03 Feb 2023 11:47

Tgt Ion: 95 Resp: 95469

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.9	83.3
132	99.0	71.8	133.4
130	104.5	75.3	139.8

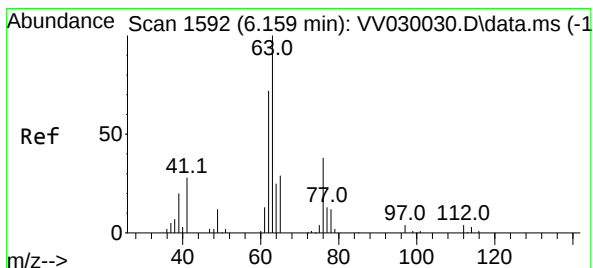
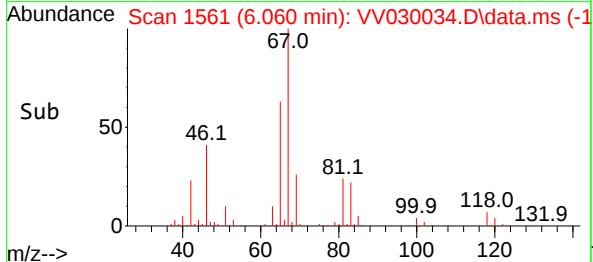
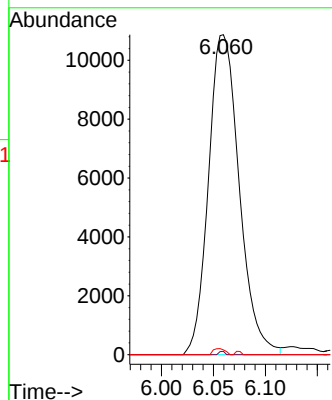
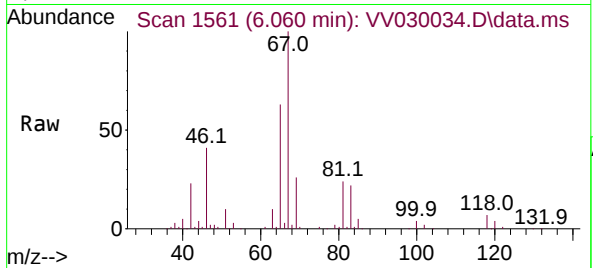




#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV030034.D
Acq: 03 Feb 2023 11:47

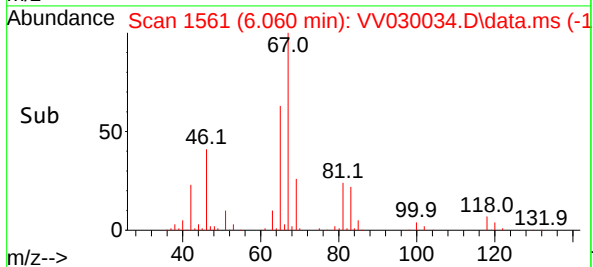
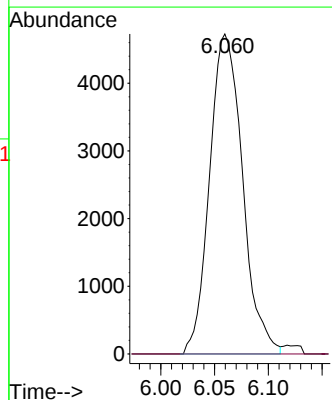
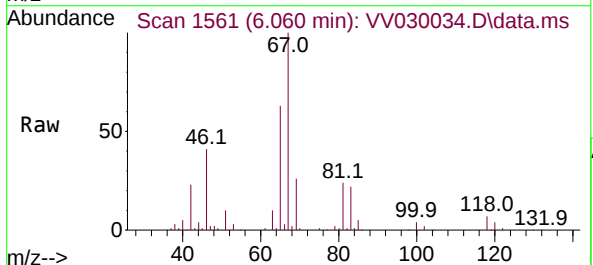
Instrument :
MSVOA_V
ClientSampleId :

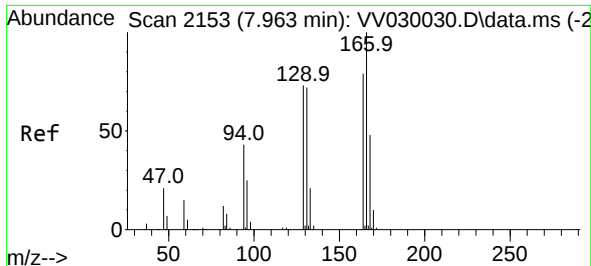
Tgt Ion: 83 Resp: 22391
Ion Ratio Lower Upper
83 100
55 0.2 57.3 85.9#
98 0.7 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.099 min
Lab File: VV030034.D
Acq: 03 Feb 2023 11:47

Tgt Ion: 63 Resp: 10071
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#47

Tetrachloroethene

Concen: 1.815 ug/L

RT: 7.966 min Scan# 2153

Delta R.T. 0.003 min

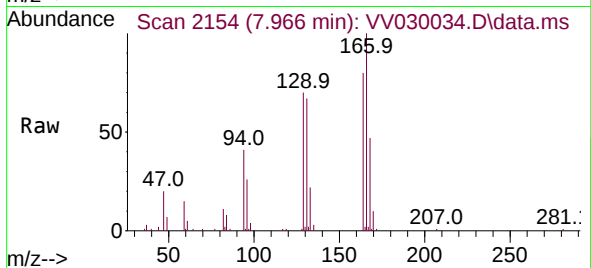
Lab File: VV030034.D

Acq: 03 Feb 2023 11:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 27757

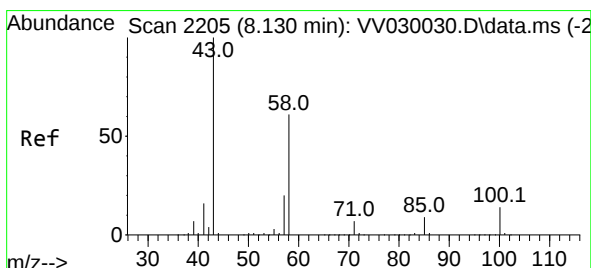
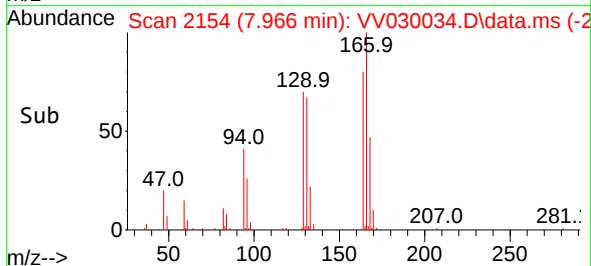
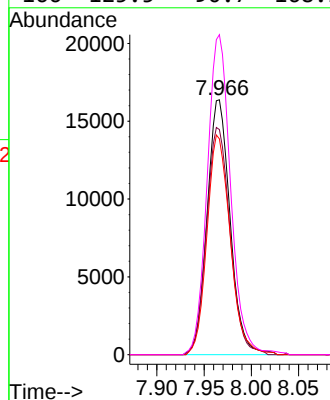
Ion Ratio Lower Upper

164 100

129 88.3 64.5 119.7

131 84.7 62.9 116.7

166 125.5 90.7 168.5



#48

2-Hexanone

Concen: 3.165 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. -0.048 min

Lab File: VV030034.D

Acq: 03 Feb 2023 11:47

Tgt Ion: 43 Resp: 16207

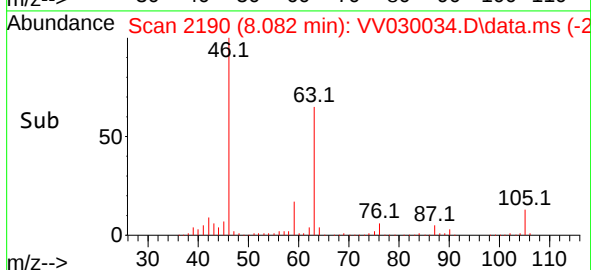
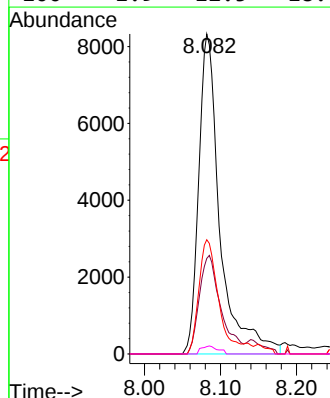
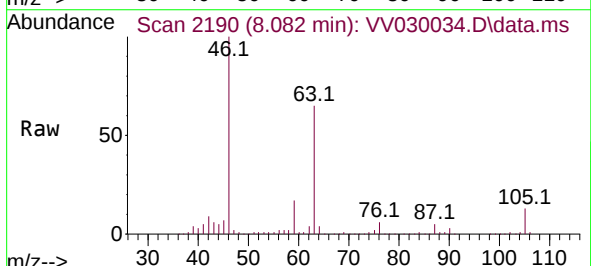
Ion Ratio Lower Upper

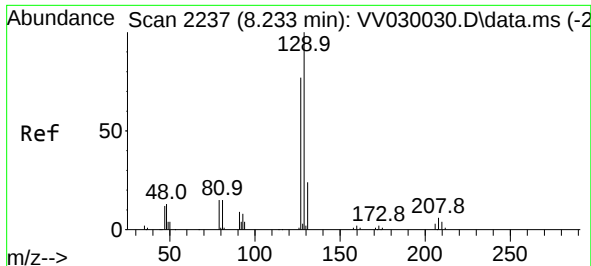
43 100

58 31.1 51.4 77.2#

57 32.6 17.0 25.6#

100 1.9 12.5 18.7#





#49

Dibromochloromethane

Concen: 1.760 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. -0.270 min

Lab File: VV030034.D

Acq: 03 Feb 2023 11:47

Instrument :

MSVOA_V

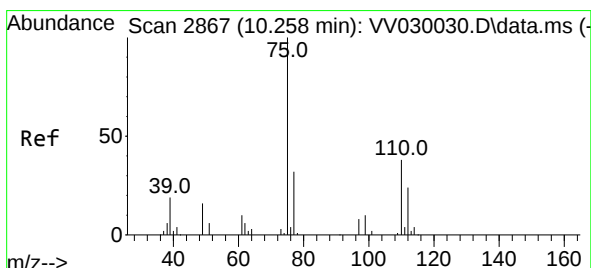
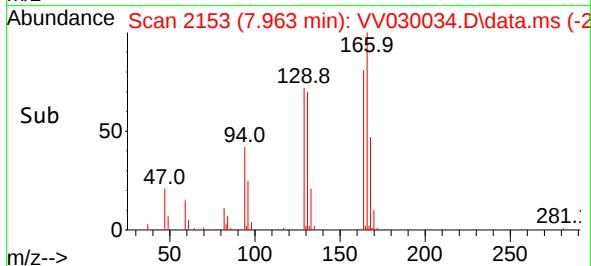
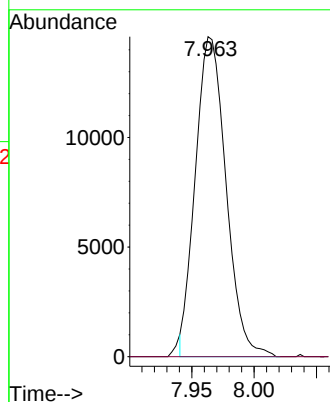
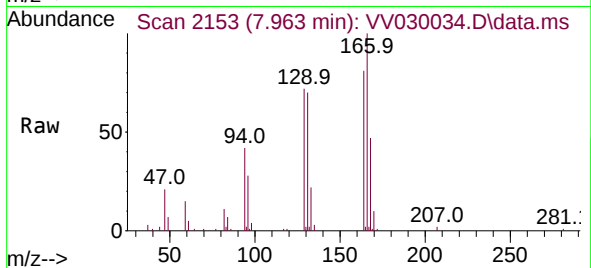
ClientSampleId :

Tgt Ion:129 Resp: 24978

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.585 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.978 min

Lab File: VV030034.D

Acq: 03 Feb 2023 11:47

Tgt Ion: 75 Resp: 12598

Ion Ratio Lower Upper

75 100

77 30.4 26.5 39.7

110 2.3 31.8 47.8#

