

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102323\
 Data File : VV032567.D
 Acq On : 23 Oct 2023 13:53
 Operator : SY/MD
 Sample : 04993-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 04:47:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

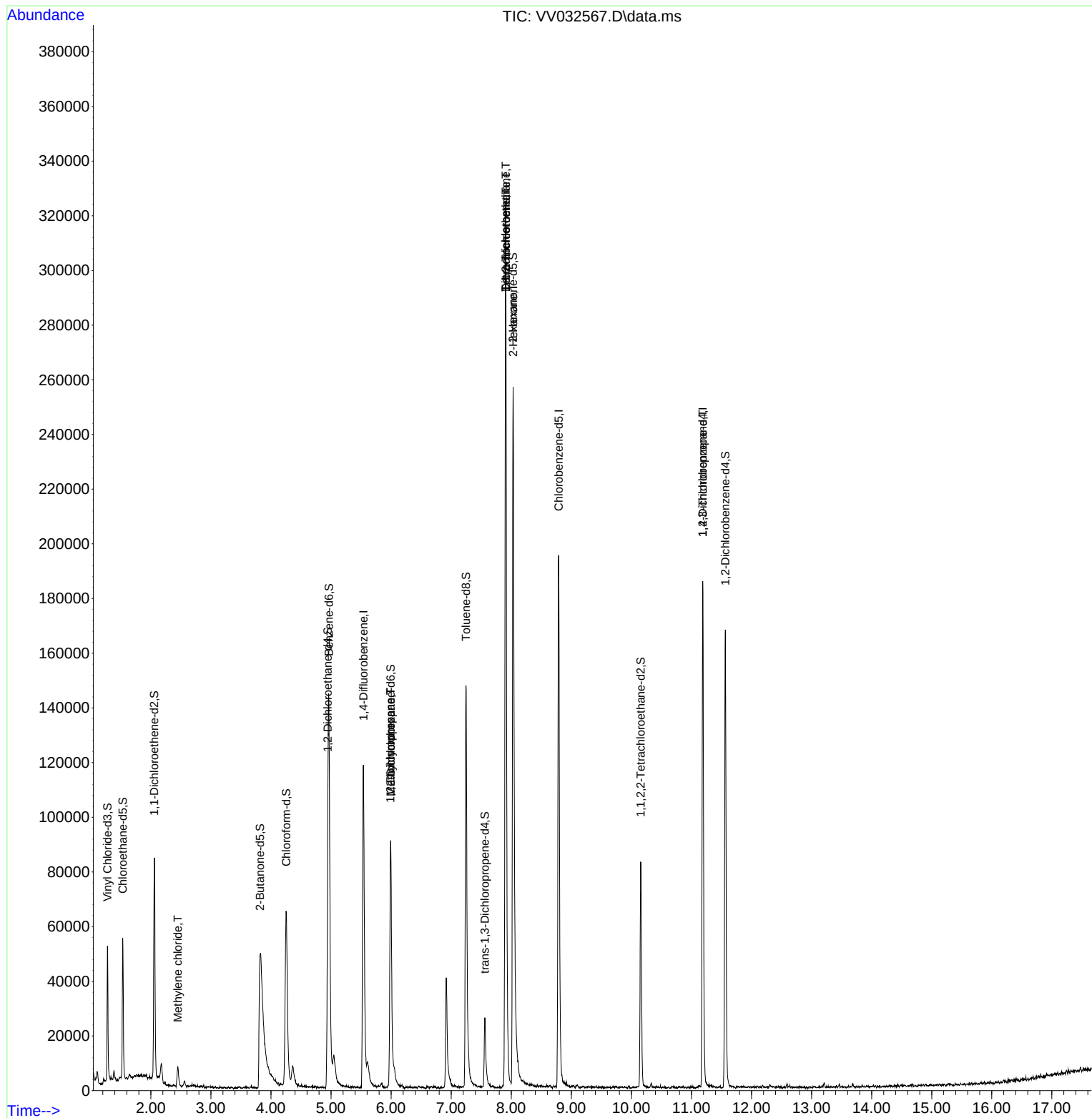
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	99287	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	46661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31233	3.868	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.532	69	32434	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.056	65	14007	4.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.818	46	118695	58.107	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.220%
24) Chloroform-d	4.252	84	68328	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	37799	5.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	4.963	84	125354	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	5.992	67	47669	4.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.246	98	103922	3.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.561	79	15004	3.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.030	63	95118	53.493	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.980%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39192	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	41187	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
16) Methylene chloride	2.449	84	2805	0.295	ug/L	89
35) Methylcyclohexane	5.992	83	10257	0.630	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	5150	0.500	ug/L #	88
45) 1,1,2-Trichloroethane	7.908	97	840	0.116	ug/L #	8
47) Tetrachloroethene	7.908	164	72289	9.066	ug/L	96
48) 2-Hexanone	8.034	43	12808	2.785	ug/L #	74
49) Dibromochloromethane	7.908	129	66984	8.855	ug/L #	8
61) 1,2,3-Trichloropropane	11.188	75	6221	1.253	ug/L #	61

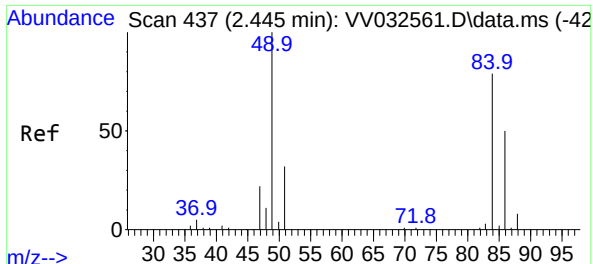
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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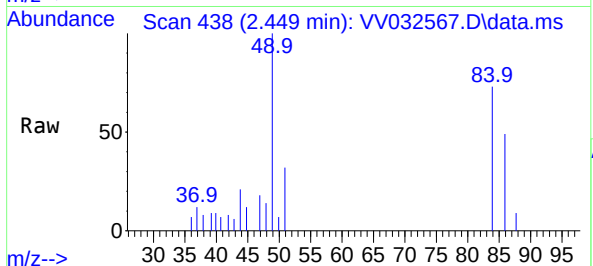
Quant Time: Oct 24 04:47:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
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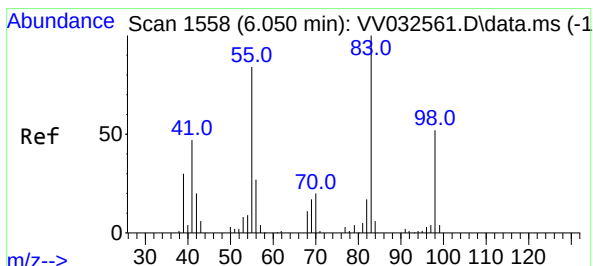
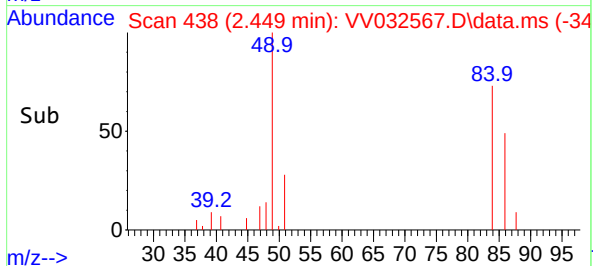
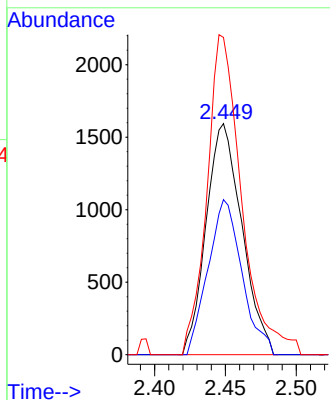
#16
Methylene chloride
Concen: 0.295 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV032567.D
Acq: 23 Oct 2023 13:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2805

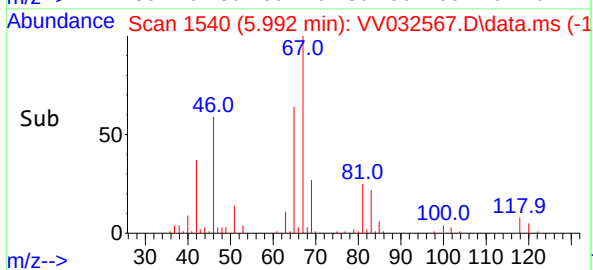
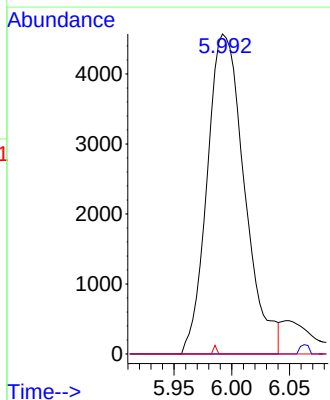
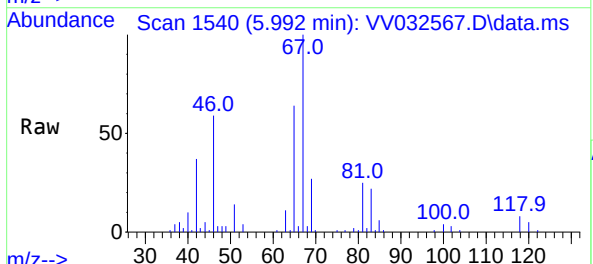
Ion	Ratio	Lower	Upper
84	100		
86	67.1	43.2	80.2
49	137.4	86.3	160.3

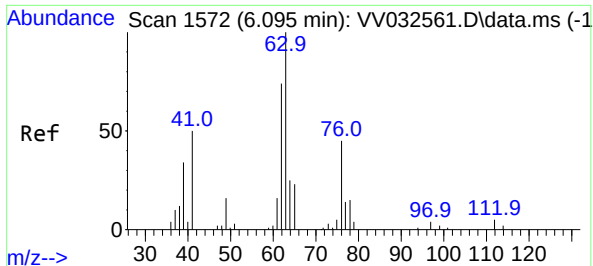


#35
Methylcyclohexane
Concen: 0.630 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032567.D
Acq: 23 Oct 2023 13:53

Tgt Ion: 83 Resp: 10257

Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.2	96.2#
98	0.2	39.6	59.4#





#37

1,2-Dichloropropane

Concen: 0.500 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV032567.D

Acq: 23 Oct 2023 13:53

Instrument :

MSVOA_V

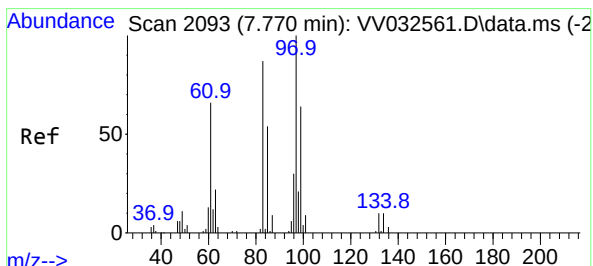
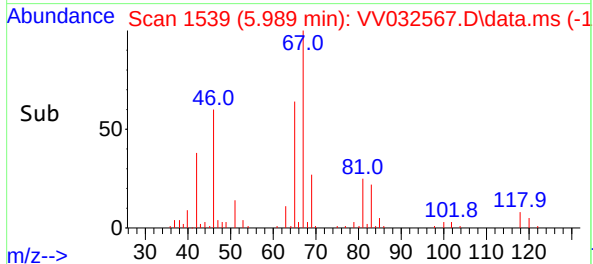
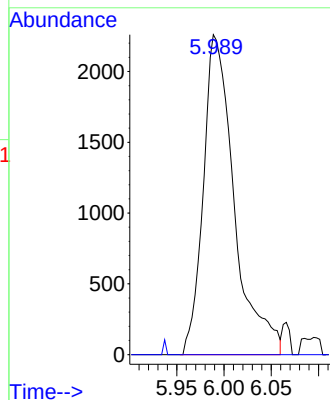
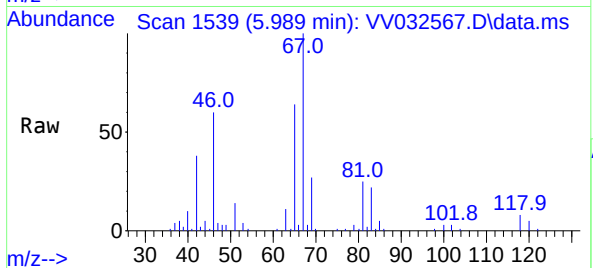
ClientSampleId :

Tgt Ion: 63 Resp: 5150

Ion Ratio Lower Upper

63 100

112 0.4 3.4 5.2#



#45

1,1,2-Trichloroethane

Concen: 0.116 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.135 min

Lab File: VV032567.D

Acq: 23 Oct 2023 13:53

Tgt Ion: 97 Resp: 840

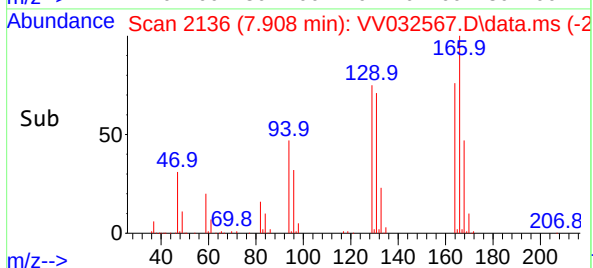
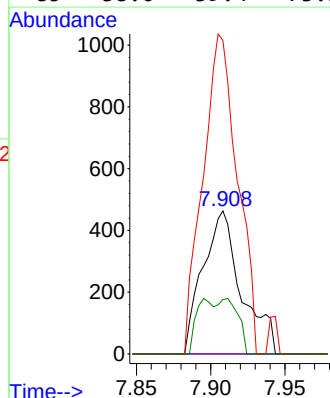
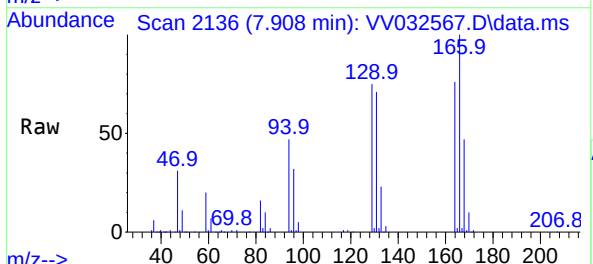
Ion Ratio Lower Upper

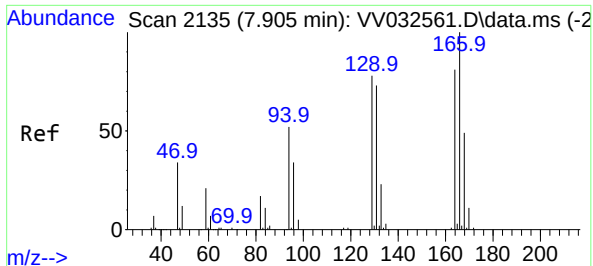
97 100

99 0.0 42.8 79.4#

83 219.2 60.9 113.1#

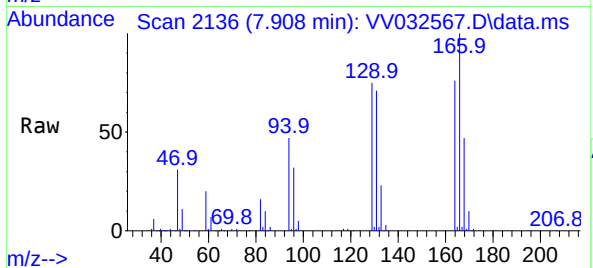
85 38.0 39.4 73.2#





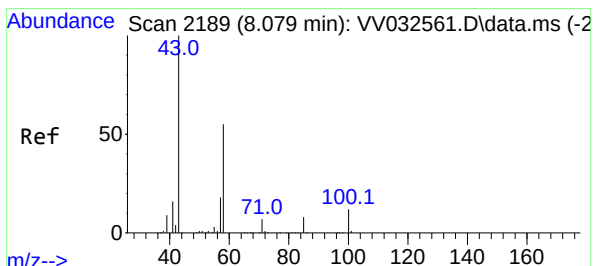
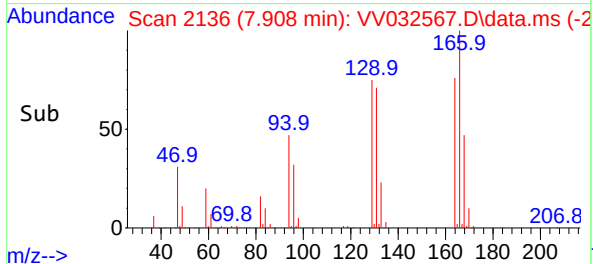
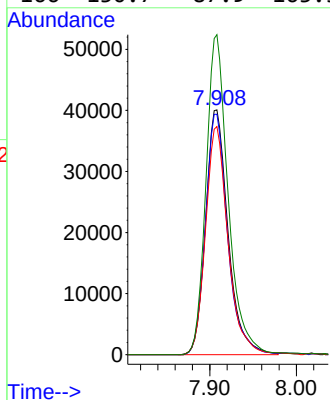
#47
Tetrachloroethene
Concen: 9.066 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032567.D
Acq: 23 Oct 2023 13:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 72289

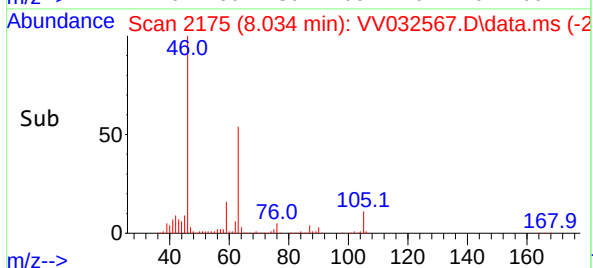
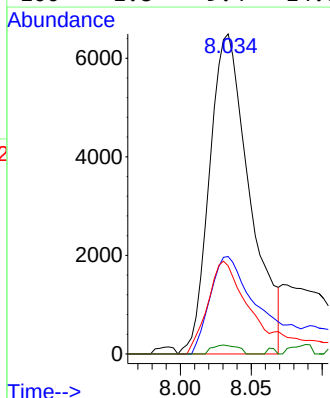
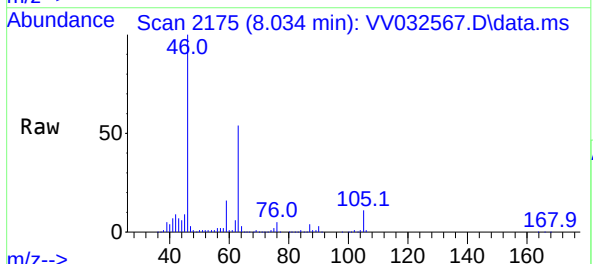
Ion	Ratio	Lower	Upper
164	100		
129	98.3	66.4	123.4
131	93.2	63.7	118.3
166	130.7	87.9	163.3

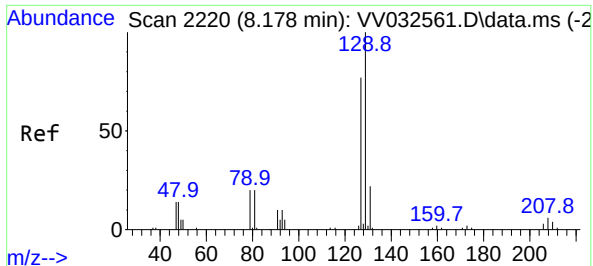


#48
2-Hexanone
Concen: 2.785 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.048 min
Lab File: VV032567.D
Acq: 23 Oct 2023 13:53

Tgt Ion: 43 Resp: 12808

Ion	Ratio	Lower	Upper
43	100		
58	37.6	43.6	65.4#
57	33.7	14.6	22.0#
100	1.8	9.4	14.0#





#49

Dibromochloromethane

Concen: 8.855 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV032567.D

Acq: 23 Oct 2023 13:53

Instrument :

MSVOA_V

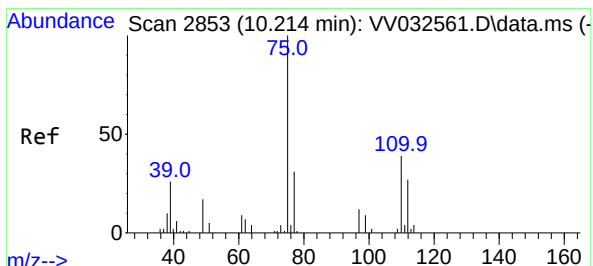
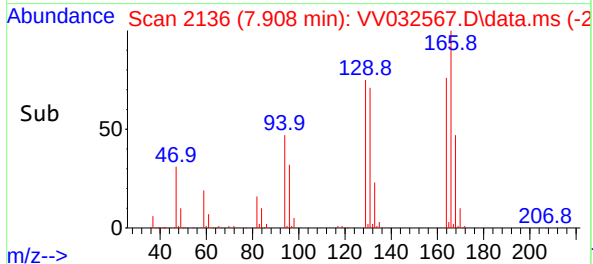
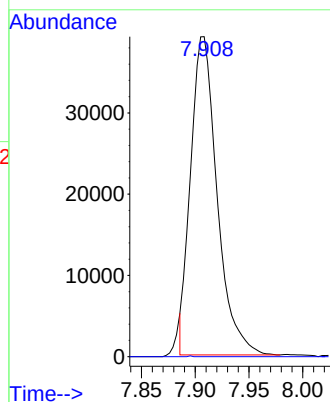
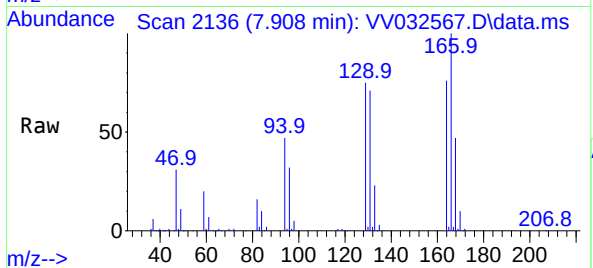
ClientSampleId :

Tgt Ion:129 Resp: 66984

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#



#61

1,2,3-Trichloropropane

Concen: 1.253 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032567.D

Acq: 23 Oct 2023 13:53

Tgt Ion: 75 Resp: 6221

Ion Ratio Lower Upper

75 100

77 39.6 26.2 39.2#

110 0.7 30.6 46.0#

