

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102323\
 Data File : VW032566.D
 Acq On : 23 Oct 2023 13:29
 Operator : SY/MD
 Sample : 04993-02DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 04:46:58 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)

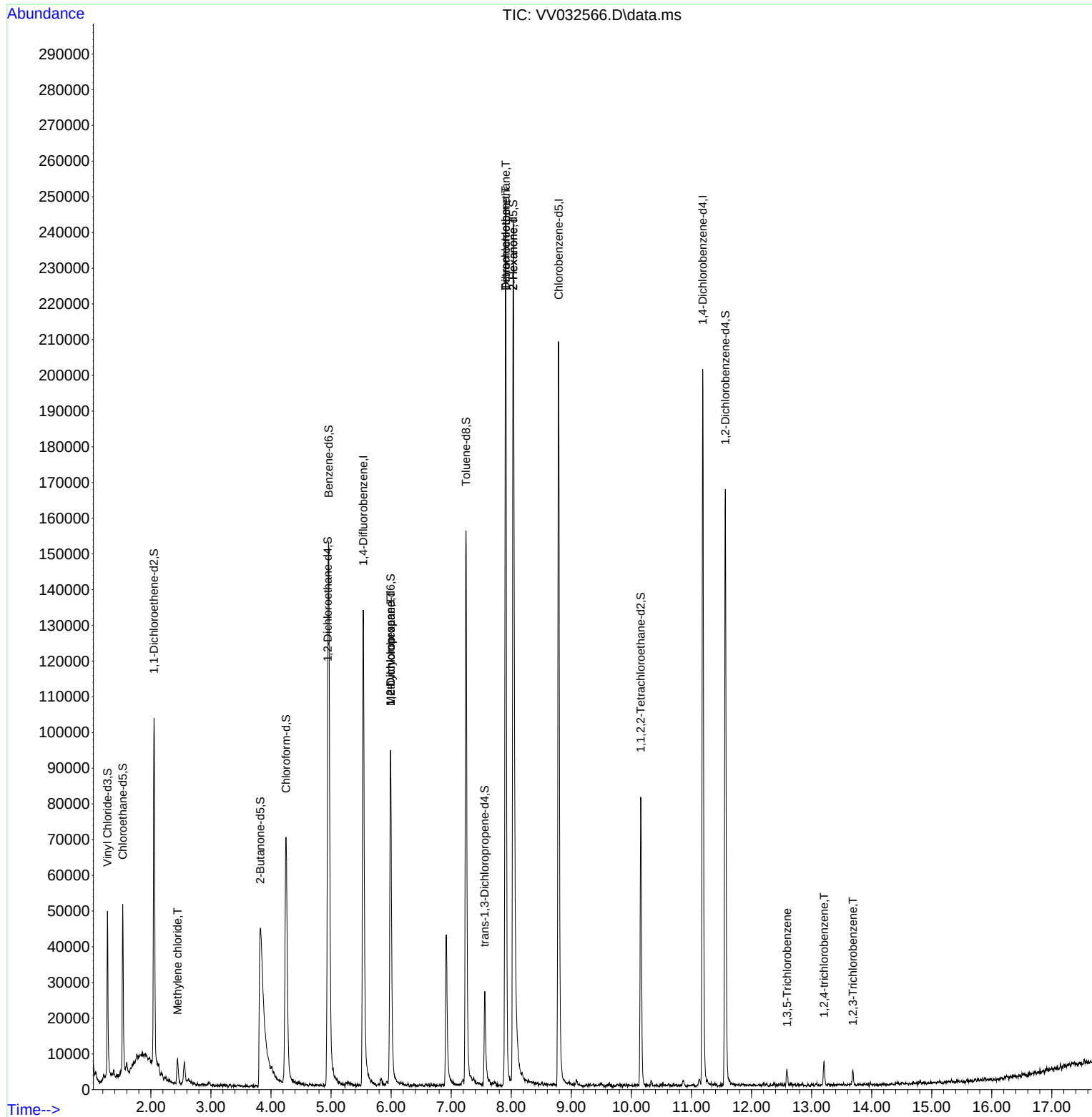
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	114520	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	113327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	50330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30668	3.293	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.532	69	32063	4.241	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.053	65	16358	4.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.822	46	126281	53.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	4.249	84	75368	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.944	65	41265	5.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.960	84	132500	3.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	5.992	67	45441	4.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.246	98	103852	3.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	7.558	79	15844	4.047	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.034	63	97108	52.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.440%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39293	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	41478	4.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
16) Methylene chloride	2.442	84	2671	0.244	ug/L	82
35) Methylcyclohexane	5.992	83	11070	0.657	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	5221	0.489	ug/L #	87
47) Tetrachloroethene	7.905	164	53486	6.475	ug/L	99
48) 2-Hexanone	8.034	43	13313	2.794	ug/L #	71
49) Dibromochloromethane	7.908	129	48744	6.220	ug/L #	8
69) 1,3,5-Trichlorobenzene	12.593	180	1312	0.096	ug/L #	85
70) 1,2,4-trichlorobenzene	13.207	180	1890	0.156	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	1148	0.110	ug/L	96

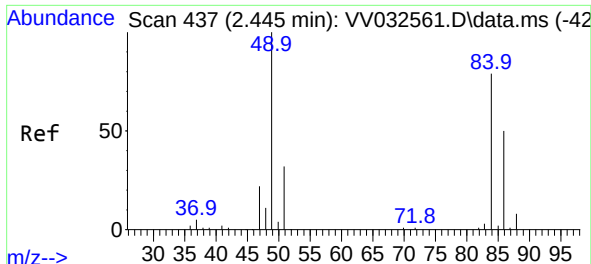
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

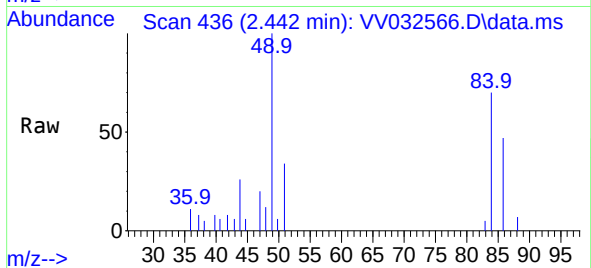
Quant Time: Oct 24 04:46:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 21 02:44:24 2023
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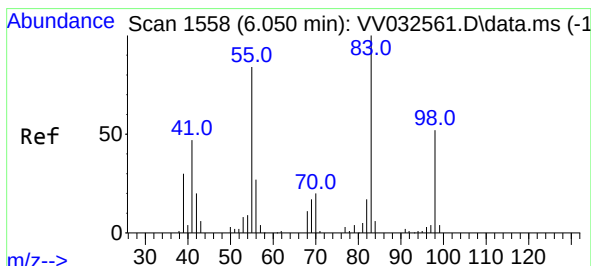
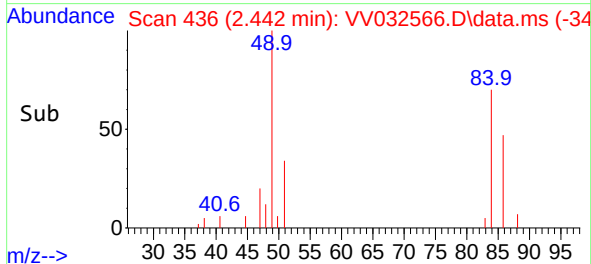
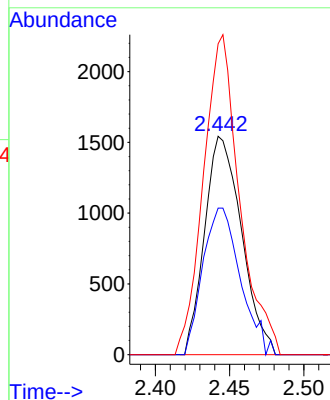


#16
Methylene chloride
Concen: 0.244 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV032566.D
Acq: 23 Oct 2023 13:29

Instrument :
MSVOA_V
ClientSampleId :

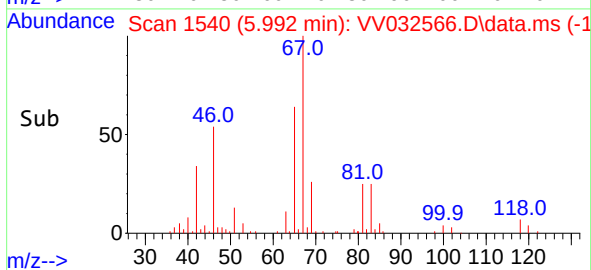
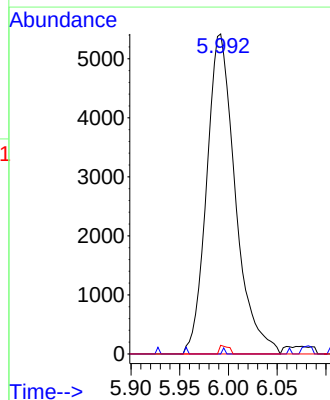
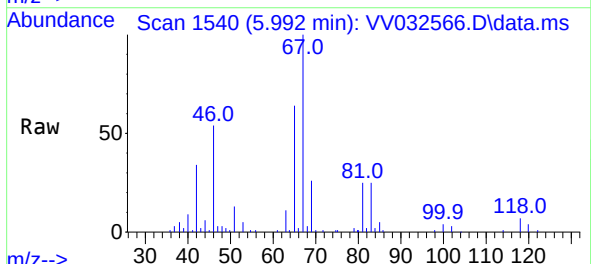


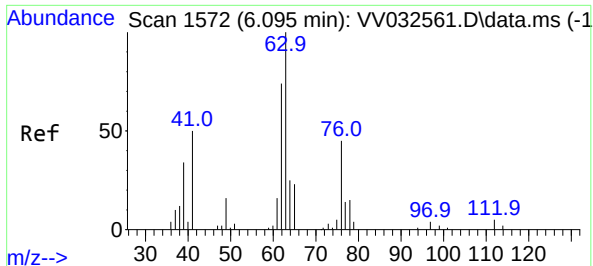
Tgt Ion: 84 Resp: 2671
Ion Ratio Lower Upper
84 100
86 67.1 43.2 80.2
49 150.6 86.3 160.3



#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032566.D
Acq: 23 Oct 2023 13:29

Tgt Ion: 83 Resp: 11070
Ion Ratio Lower Upper
83 100
55 0.2 64.2 96.2#
98 0.9 39.6 59.4#

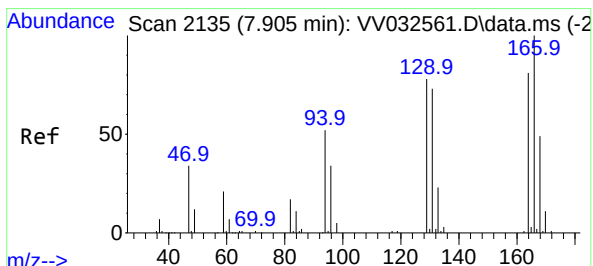
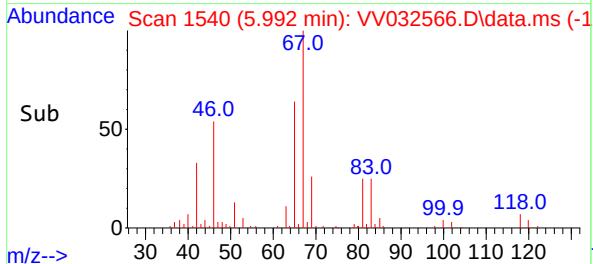
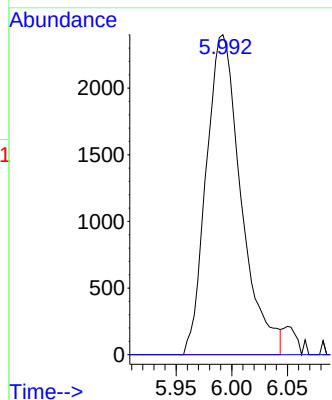
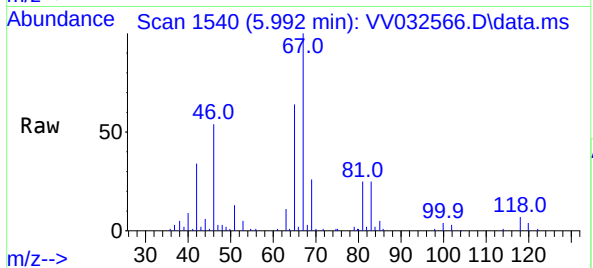




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV032566.D
Acq: 23 Oct 2023 13:29

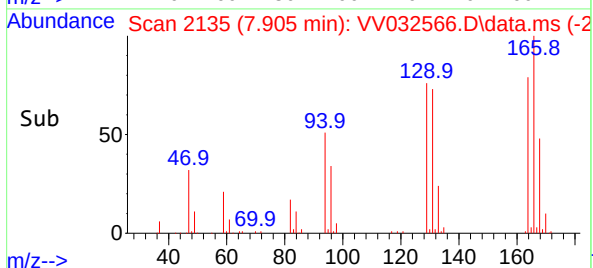
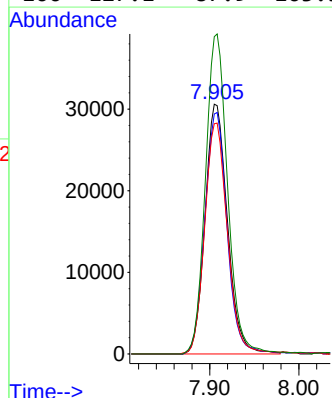
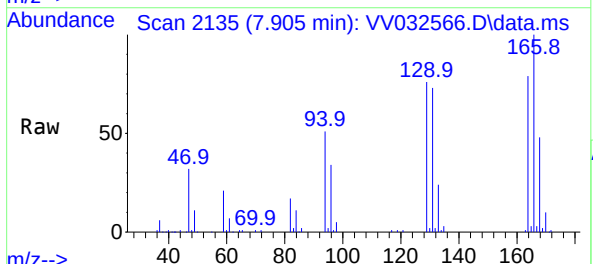
Instrument :
MSVOA_V
ClientSampleId :

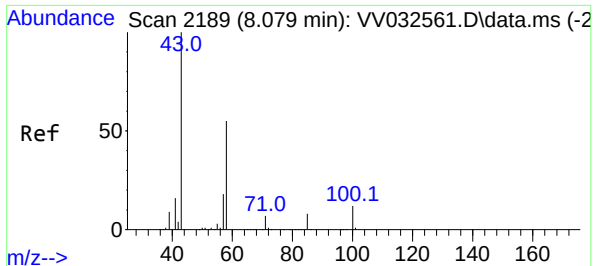
Tgt Ion: 63 Resp: 5221
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#47
Tetrachloroethene
Concen: 6.475 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032566.D
Acq: 23 Oct 2023 13:29

Tgt Ion:164 Resp: 53486
Ion Ratio Lower Upper
164 100
129 96.1 66.4 123.4
131 92.2 63.7 118.3
166 127.1 87.9 163.3





#48

2-Hexanone

Concen: 2.794 ug/L

RT: 8.034 min Scan# 2136

Delta R.T. -0.048 min

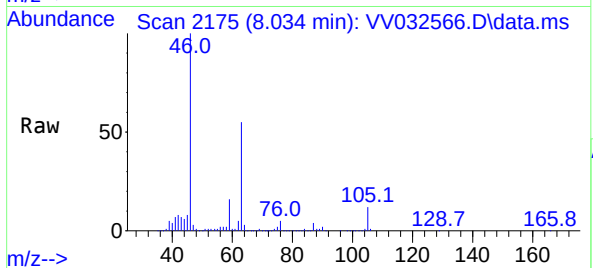
Lab File: VV032566.D

Acq: 23 Oct 2023 13:29

Instrument :

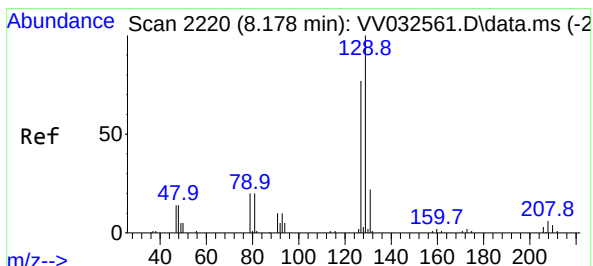
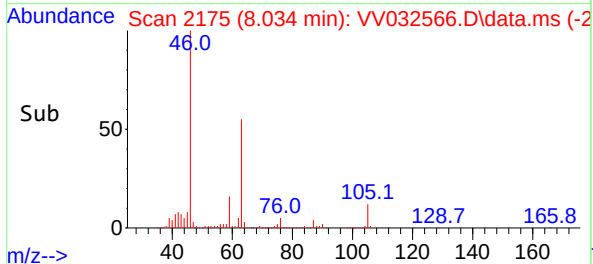
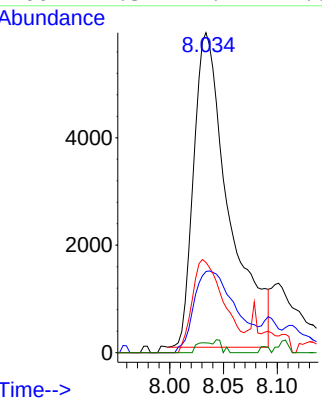
MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 13313

Ion	Ratio	Lower	Upper
43	100		
58	30.9	43.6	65.4#
57	26.7	14.6	22.0#
100	1.3	9.4	14.0#



#49

Dibromochloromethane

Concen: 6.220 ug/L

RT: 7.908 min Scan# 2136

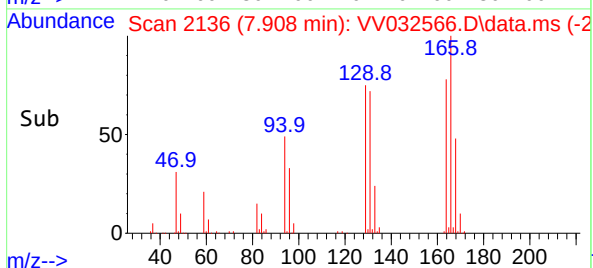
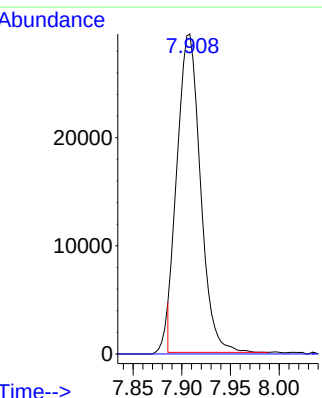
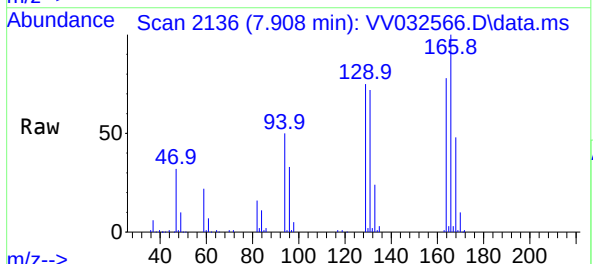
Delta R.T. -0.270 min

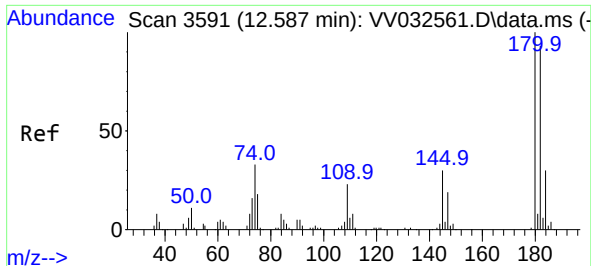
Lab File: VV032566.D

Acq: 23 Oct 2023 13:29

Tgt Ion: 129 Resp: 48744

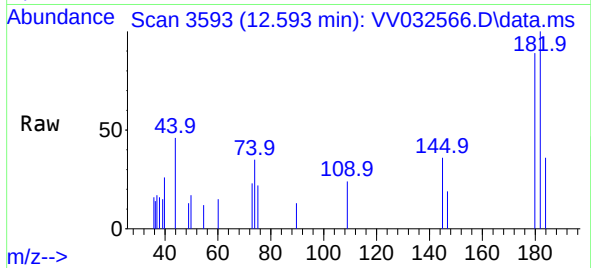
Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.2	106.2#



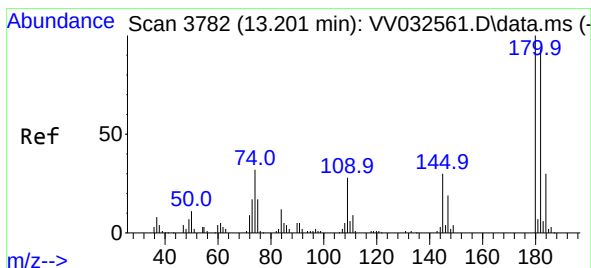
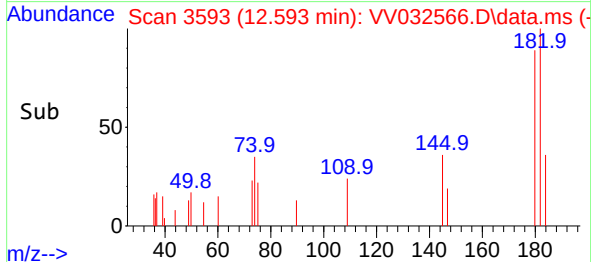
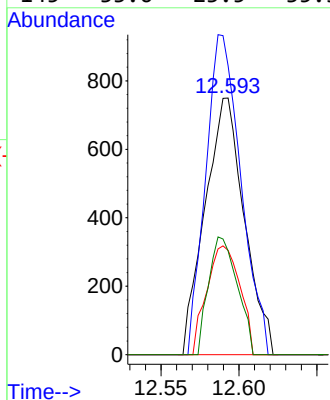


#69
1,3,5-Trichlorobenzene
Concen: 0.096 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. 0.007 min
Lab File: VV032566.D
Acq: 23 Oct 2023 13:29

Instrument :
MSVOA_V
ClientSampleId :

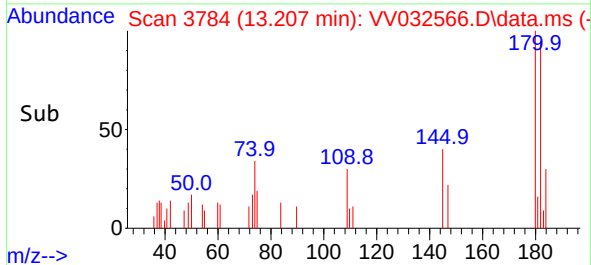
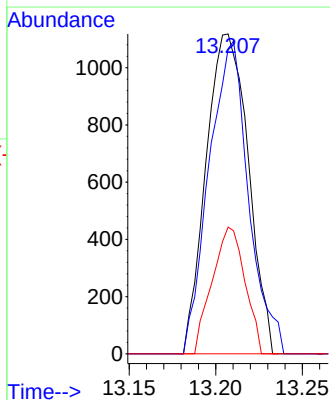
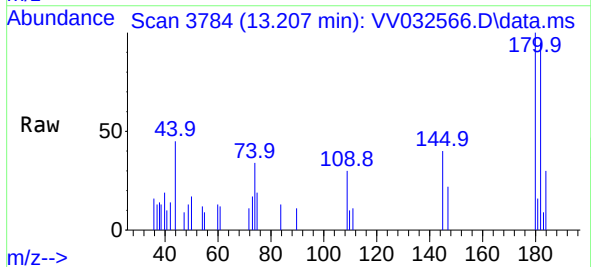


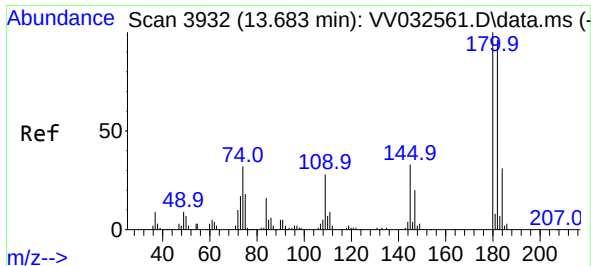
Tgt Ion:180 Resp: 1312
Ion Ratio Lower Upper
180 100
182 112.0 74.6 112.0#
184 35.7 24.1 36.1
145 33.6 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 0.156 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. 0.007 min
Lab File: VV032566.D
Acq: 23 Oct 2023 13:29

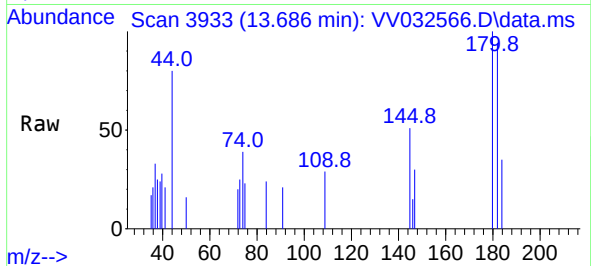
Tgt Ion:180 Resp: 1890
Ion Ratio Lower Upper
180 100
182 91.5 76.5 114.7
145 30.8 24.3 36.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.110 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.003 min
 Lab File: VV032566.D
 Acq: 23 Oct 2023 13:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1148
Ion	Ratio	Lower	Upper
180	100		
182	100.0	77.0	115.4
145	30.6	25.7	38.5

