

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038307.D
 Acq On : 23 Nov 2024 18:49
 Operator : SY/MD
 Sample : P4884-19DL 100X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 23:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

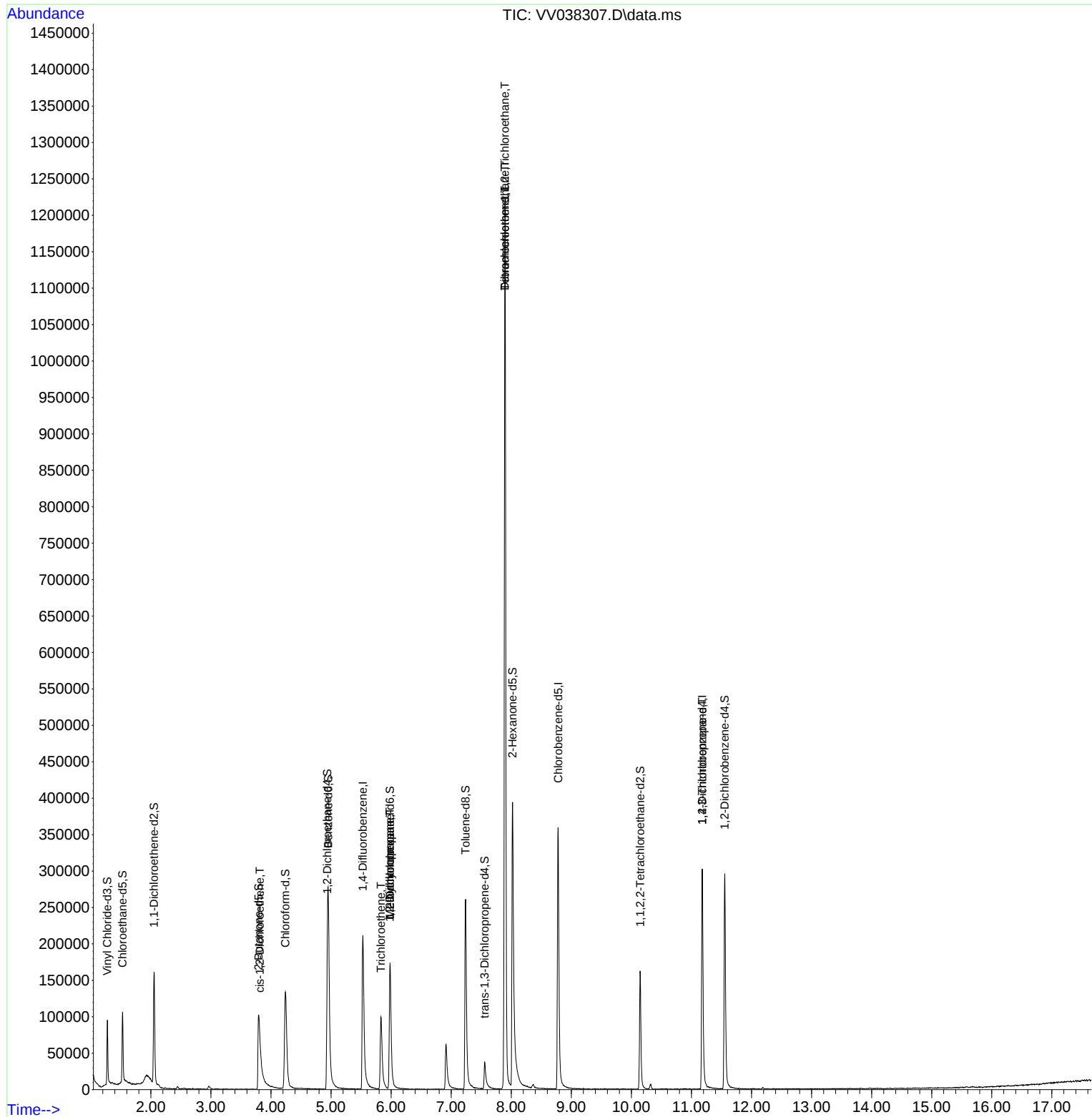
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	206567	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	221294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	90491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	57068	3.604	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.529	69	60928	4.757	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.053	65	26234	3.850	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.000%	
20) 2-Butanone-d5	3.793	46	183101	57.809	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.620%	
24) Chloroform-d	4.240	84	153693	5.002	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	4.937	65	80000	5.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.000%	
32) Benzene-d6	4.954	84	261550	4.573	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	5.982	67	91919	5.223	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.240	98	197720	3.736	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	7.558	79	28771	4.397	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.021	63	155821	61.262	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.520%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	81860	5.479	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.600%	
66) 1,2-Dichlorobenzene-d4	11.555	152	84580	5.486	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.815	96	2672	0.166	ug/L	88
34) Trichloroethene	5.831	95	40743	2.404	ug/L	95
35) Methylcyclohexane	5.982	83	23070	0.962	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	9878	0.634	ug/L #	86
45) 1,1,2-Trichloroethane	7.892	97	2538	0.201	ug/L #	1
47) Tetrachloroethene	7.896	164	276696	20.321	ug/L	99
49) Dibromochloromethane	7.896	129	257457	18.701	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	9846	1.271	ug/L #	66

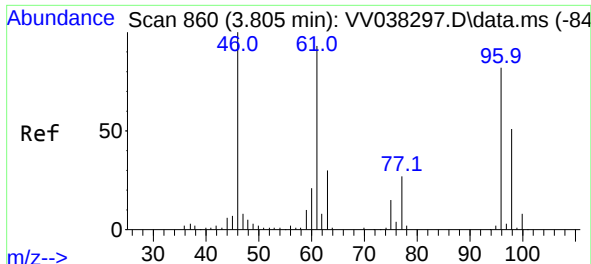
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038307.D
Acq On : 23 Nov 2024 18:49
Operator : SY/MD
Sample : P4884-19DL 100X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 23 23:02:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.166 ug/L

RT: 3.815 min Scan# 8

Delta R.T. 0.010 min

Lab File: VV038307.D

Acq: 23 Nov 2024 18:49

Instrument :

MSVOA_V

ClientSampleId :

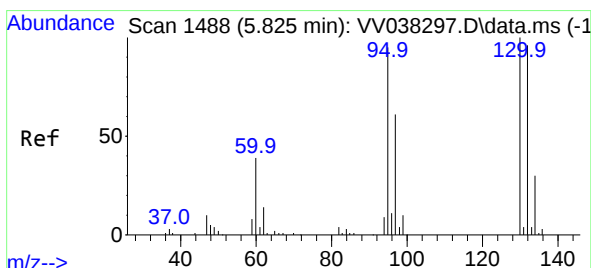
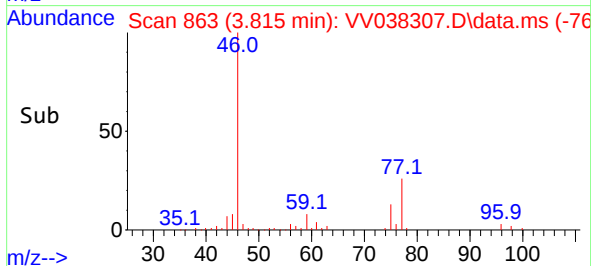
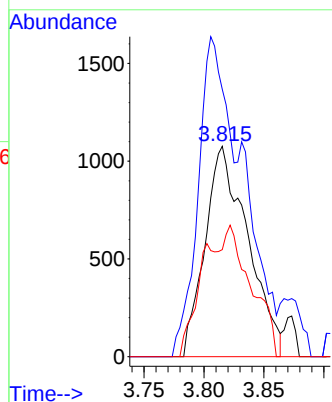
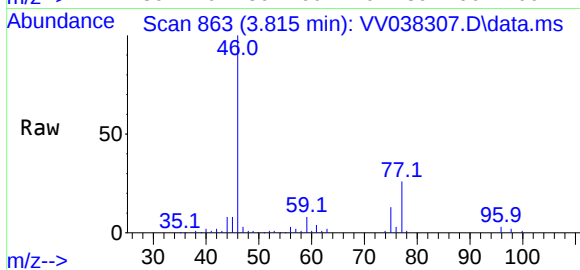
Tgt Ion: 96 Resp: 2672

Ion Ratio Lower Upper

96 100

61 127.1 82.7 153.5

98 50.9 46.3 85.9



#34

Trichloroethene

Concen: 2.404 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV038307.D

Acq: 23 Nov 2024 18:49

Tgt Ion: 95 Resp: 40743

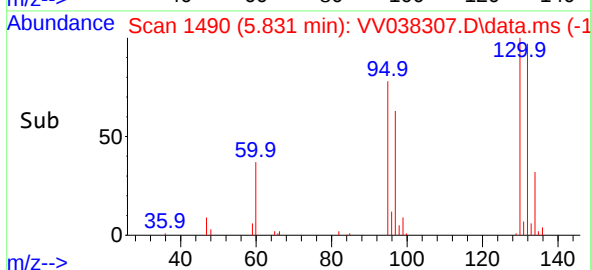
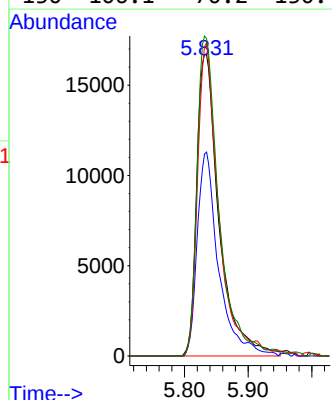
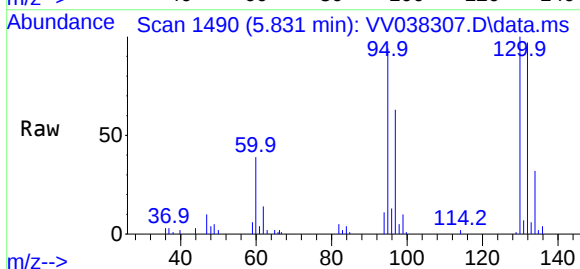
Ion Ratio Lower Upper

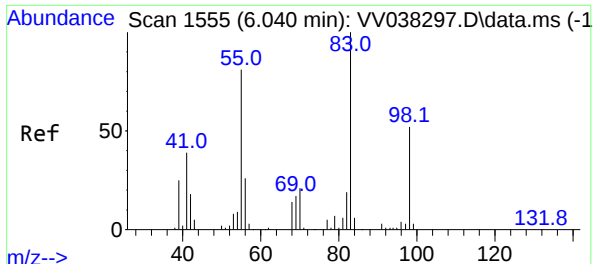
95 100

97 67.0 44.8 83.2

132 102.6 68.3 126.8

130 106.1 70.2 130.4

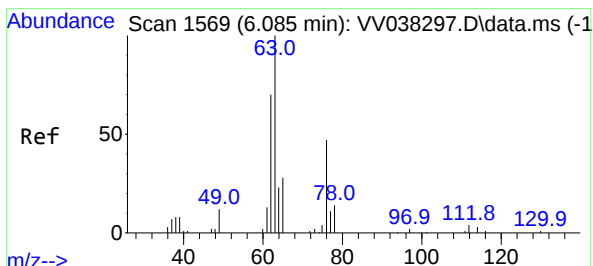
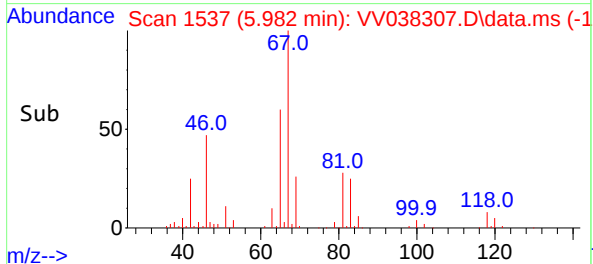
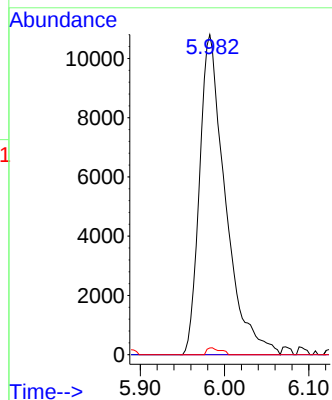
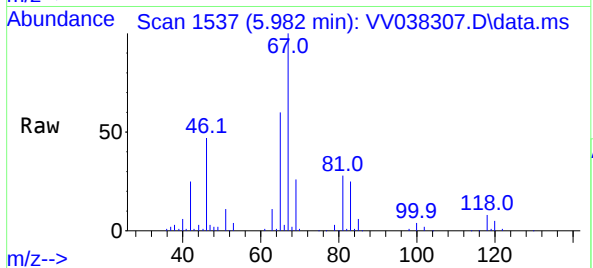




#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038307.D
Acq: 23 Nov 2024 18:49

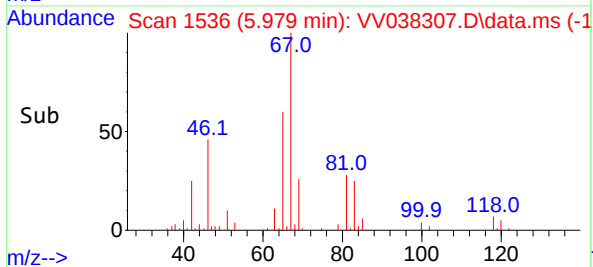
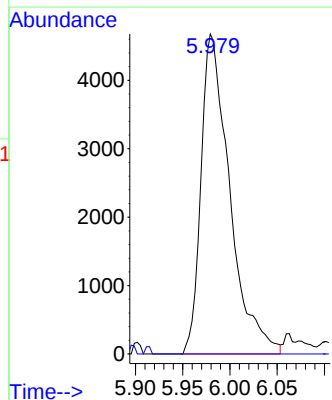
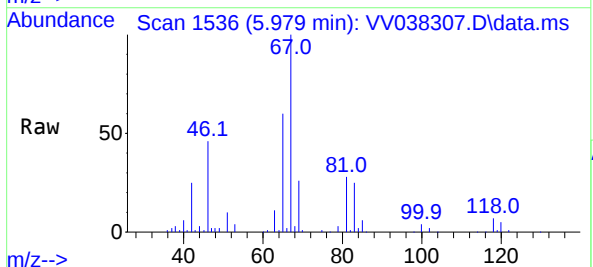
Instrument :
MSVOA_V
ClientSampleId :

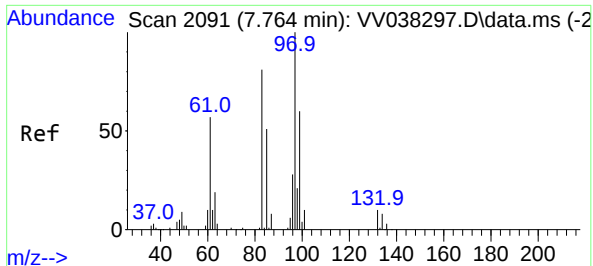
Tgt Ion: 83 Resp: 23070
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 1.1 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.106 min
Lab File: VV038307.D
Acq: 23 Nov 2024 18:49

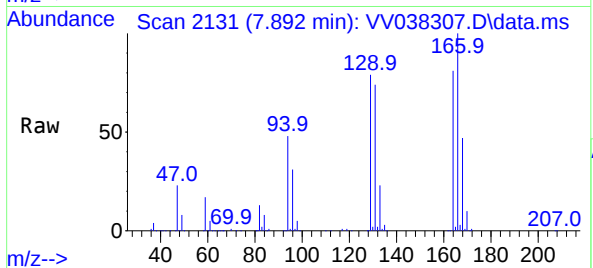
Tgt Ion: 63 Resp: 9878
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#





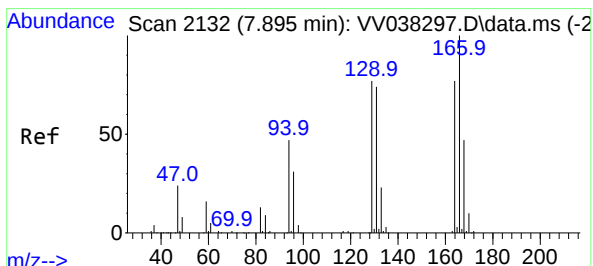
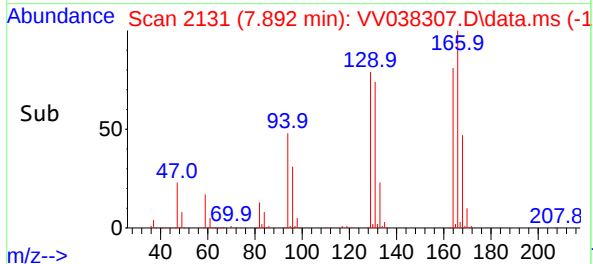
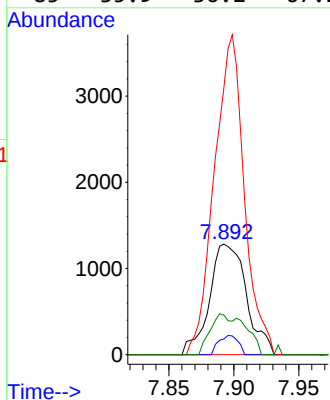
#45
1,1,2-Trichloroethane
Concen: 0.201 ug/L
RT: 7.892 min Scan# 2131
Delta R.T. 0.129 min
Lab File: VV038307.D
Acq: 23 Nov 2024 18:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 2538

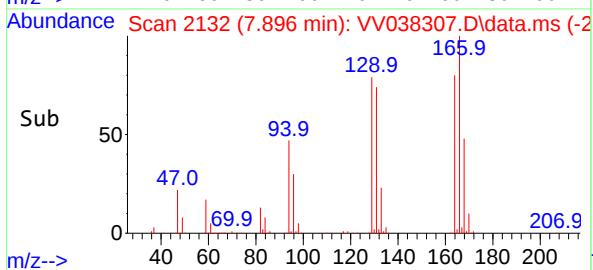
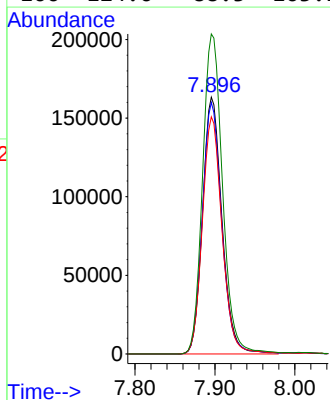
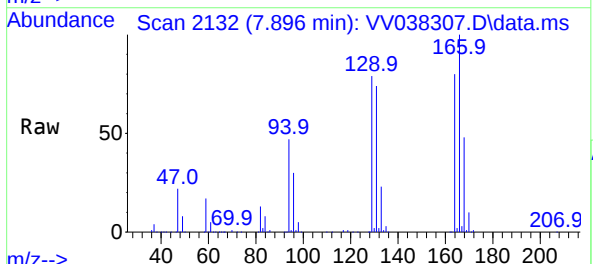
Ion	Ratio	Lower	Upper
97	100		
99	14.2	41.9	77.7#
83	240.9	57.7	107.1#
85	35.9	36.2	67.2#

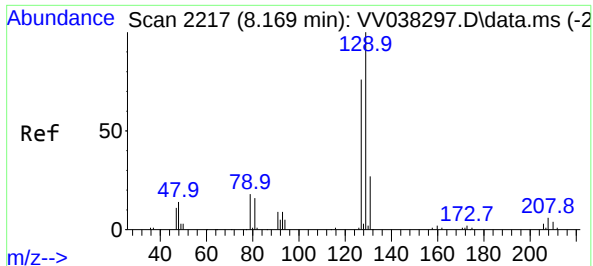


#47
Tetrachloroethene
Concen: 20.321 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038307.D
Acq: 23 Nov 2024 18:49

Tgt Ion: 164 Resp: 276696

Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.5	127.1
131	92.3	64.8	120.4
166	124.6	88.3	163.9





#49

Dibromochloromethane

Concen: 18.701 ug/L

RT: 7.896 min Scan# 2132

Delta R.T. -0.273 min

Lab File: VV038307.D

Acq: 23 Nov 2024 18:49

Instrument :

MSVOA_V

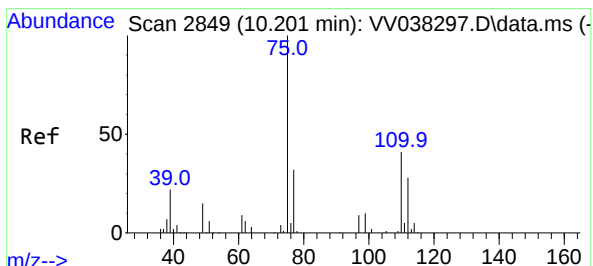
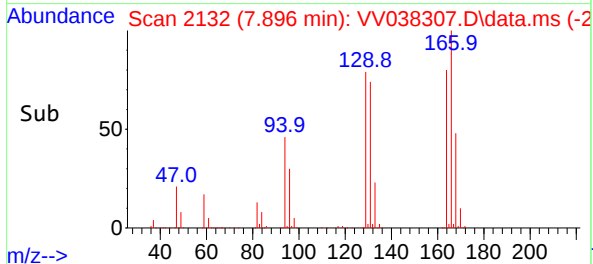
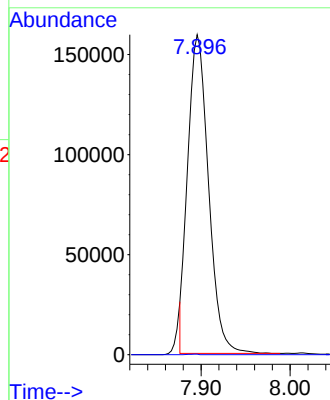
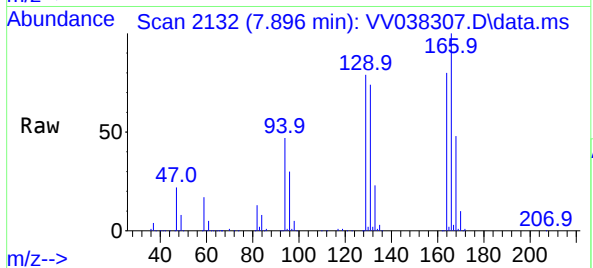
ClientSampleId :

Tgt Ion:129 Resp: 257457

Ion Ratio Lower Upper

129 100

127 0.2 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.271 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV038307.D

Acq: 23 Nov 2024 18:49

Tgt Ion: 75 Resp: 9846

Ion Ratio Lower Upper

75 100

77 34.7 26.4 39.6

110 3.7 32.3 48.5#

