

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038212.D
 Acq On : 20 Nov 2024 13:56
 Operator : SY/MD
 Sample : P4882-16DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:48:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

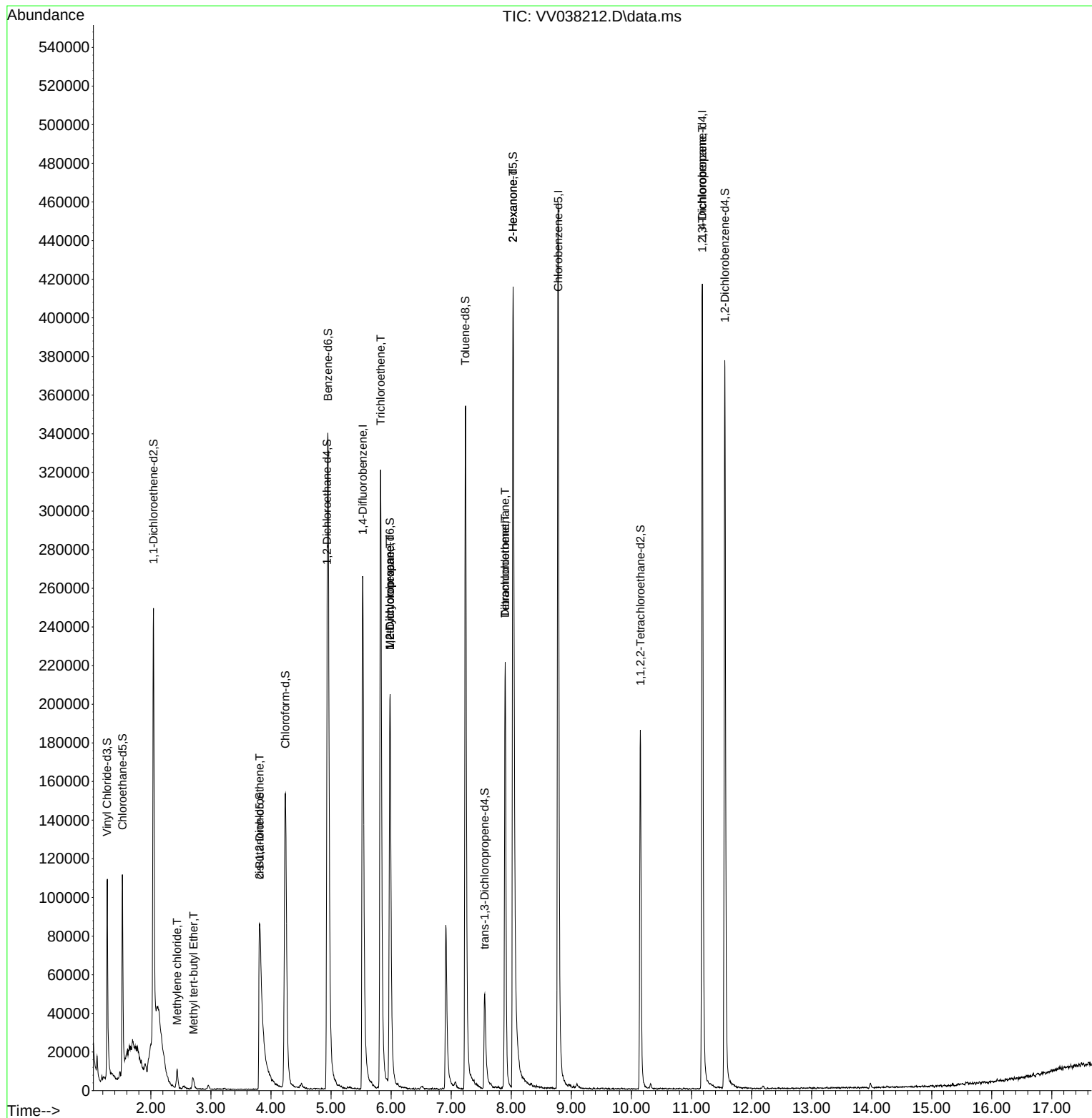
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	260008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	276826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	118521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	75471	3.787	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.800%	
7) Chloroethane-d5	1.526	69	67751	4.203	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.000%	
11) 1,1-Dichloroethene-d2	2.044	65	35185	4.103	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	3.809	46	218201	54.732	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.460%	
24) Chloroform-d	4.240	84	180736	4.673	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	4.934	65	91710	5.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	4.950	84	321038	4.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	5.982	67	108300	4.919	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.236	98	264890	4.001	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	7.558	79	37947	4.636	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.030	63	182594	57.387	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.780%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	95359	5.102	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	11.558	152	108862	5.391	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						
16) Methylene chloride	2.436	84	4505	0.213	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	5870	0.140	ug/L #	95
22) cis-1,2-Dichloroethene	3.809	96	4072	0.201	ug/L	96
34) Trichloroethene	5.825	95	123334	5.818	ug/L	98
35) Methylcyclohexane	5.982	83	27033	0.901	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	11584	0.595	ug/L #	86
47) Tetrachloroethene	7.899	164	51775	3.040	ug/L	96
48) 2-Hexanone	8.030	43	20827	2.817	ug/L #	73
49) Dibromochloromethane	7.899	129	49045	2.848	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	13538	1.334	ug/L #	64

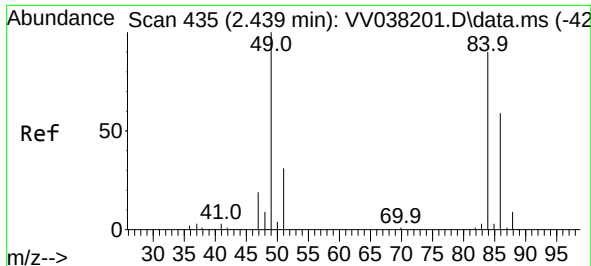
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

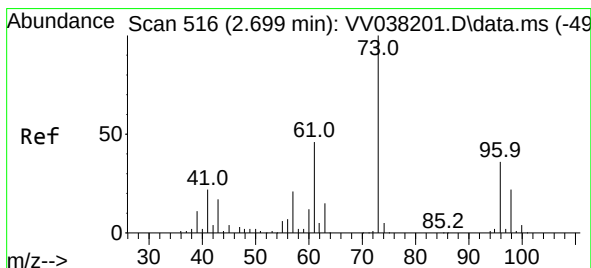
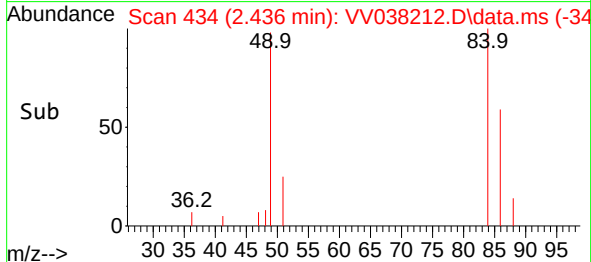
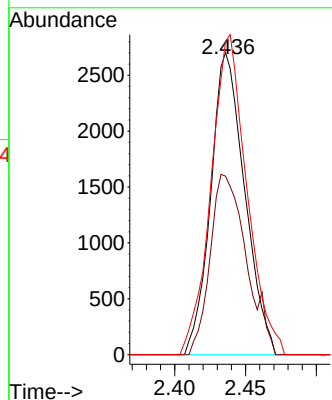
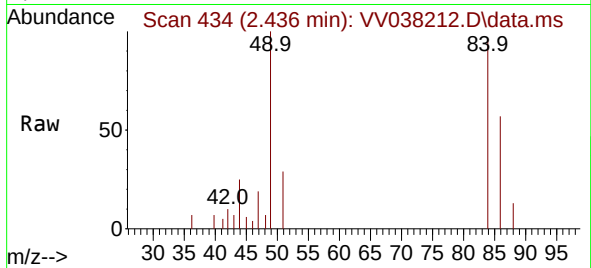




#16
Methylene chloride
Concen: 0.213 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

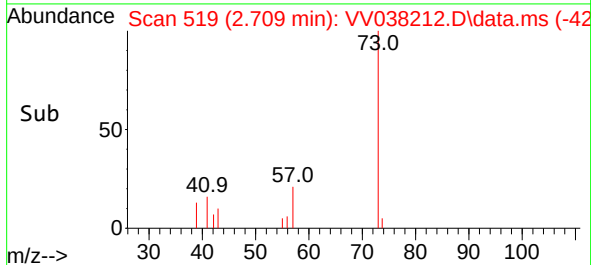
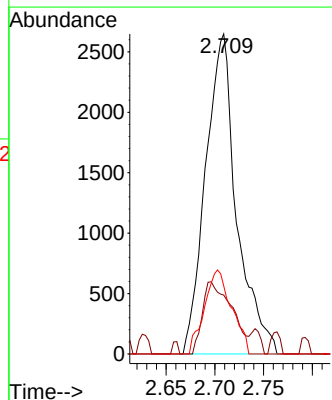
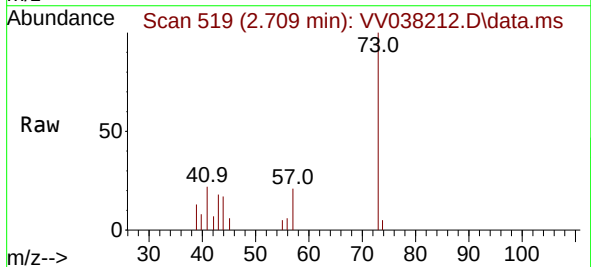
Instrument :
MSVOA_V
ClientSampleId :

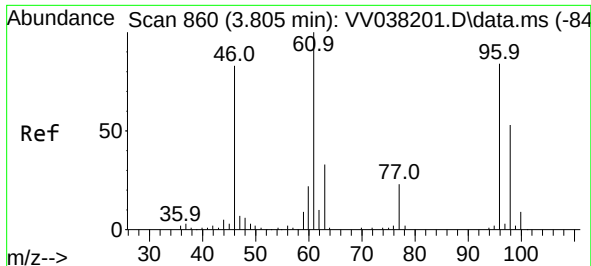
Tgt Ion: 84 Resp: 4505
Ion Ratio Lower Upper
84 100
86 59.1 44.2 82.2
49 103.7 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.140 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.010 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

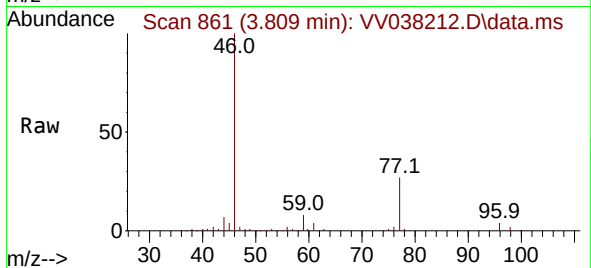
Tgt Ion: 73 Resp: 5870
Ion Ratio Lower Upper
73 100
43 21.6 14.2 21.2#
57 23.0 17.6 26.4



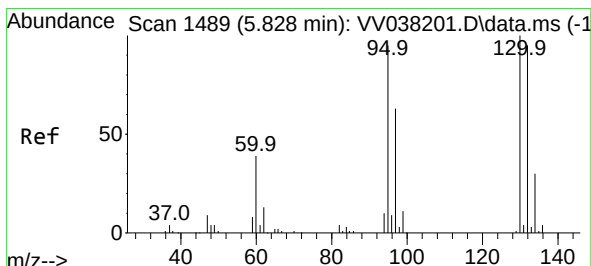
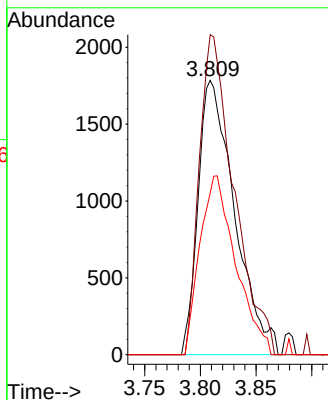
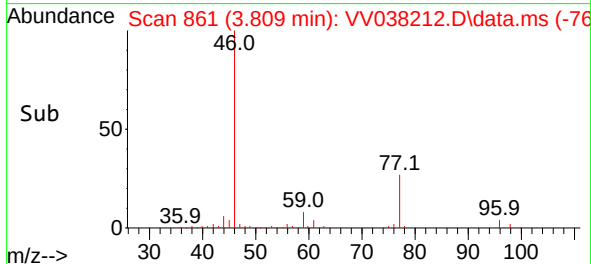


#22
cis-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

Instrument :
MSVOA_V
ClientSampleId :

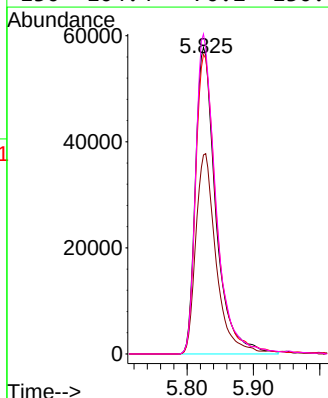
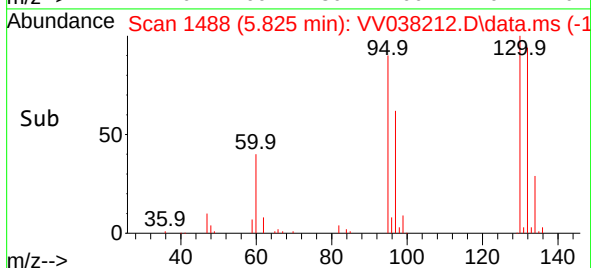
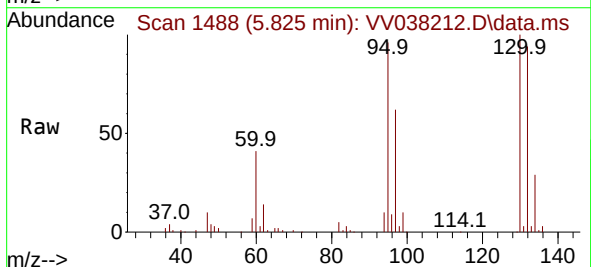


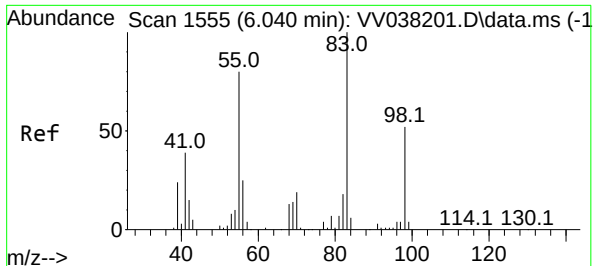
Tgt Ion: 96 Resp: 4072
Ion Ratio Lower Upper
96 100
61 116.7 82.7 153.5
98 59.0 46.3 85.9



#34
Trichloroethene
Concen: 5.818 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

Tgt Ion: 95 Resp: 123334
Ion Ratio Lower Upper
95 100
97 64.9 44.8 83.2
132 97.7 68.3 126.8
130 104.4 70.2 130.4

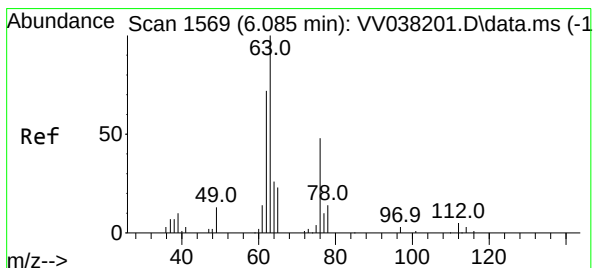
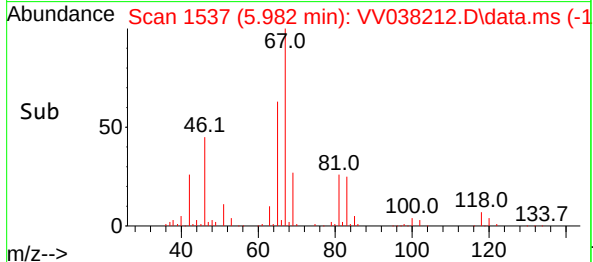
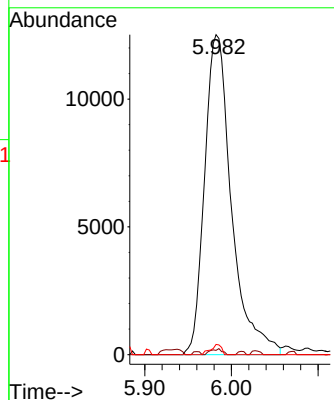
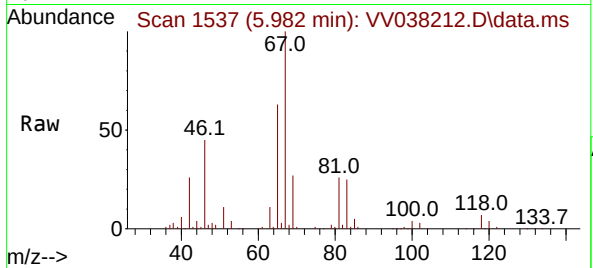




#35
Methylcyclohexane
Concen: 0.901 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

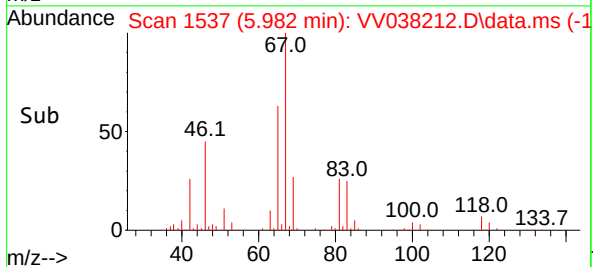
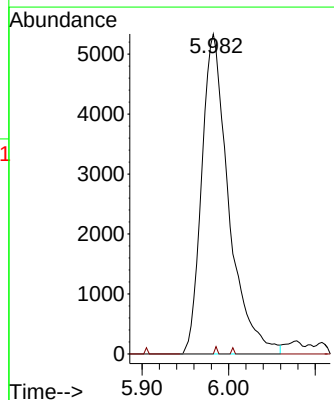
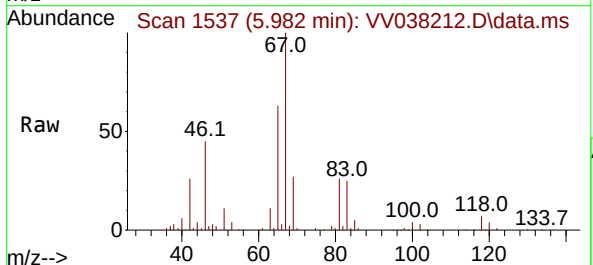
Instrument :
MSVOA_V
ClientSampleId :

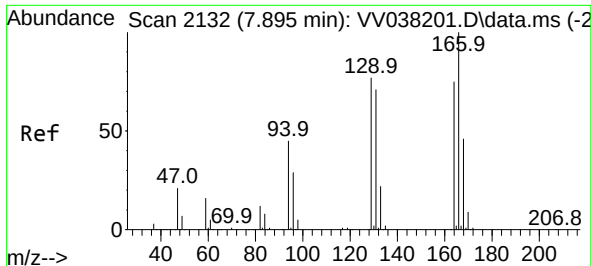
Tgt Ion: 83 Resp: 27033
Ion Ratio Lower Upper
83 100
55 0.8 59.7 89.5#
98 1.3 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

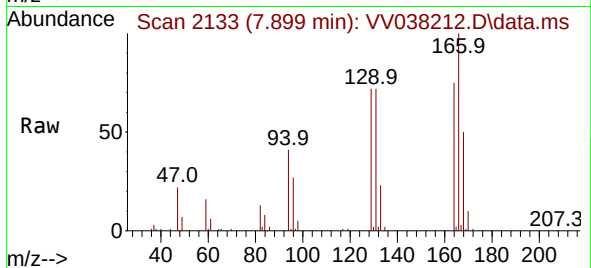
Tgt Ion: 63 Resp: 11584
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#





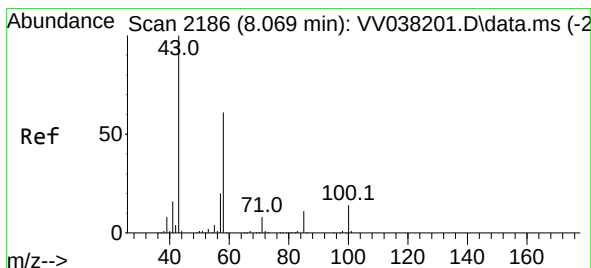
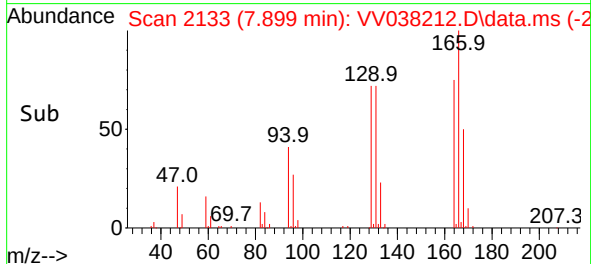
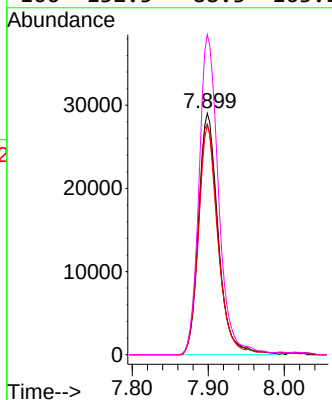
#47
Tetrachloroethene
Concen: 3.040 ug/L
RT: 7.899 min Scan# 2132
Delta R.T. 0.003 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 51775

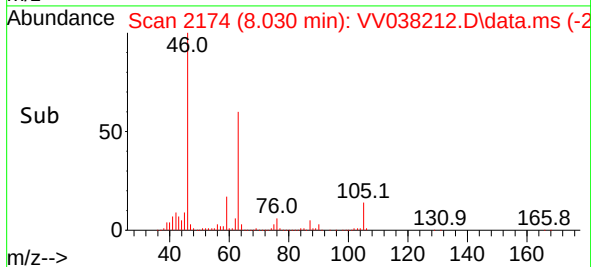
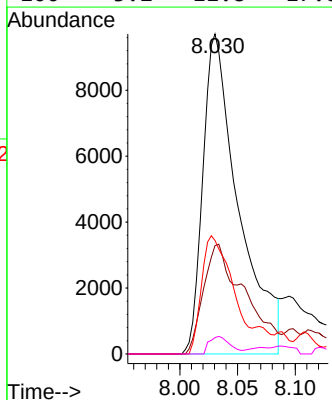
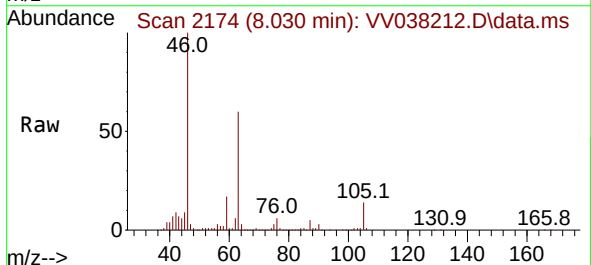
Ion	Ratio	Lower	Upper
164	100		
129	95.5	68.5	127.1
131	95.0	64.8	120.4
166	132.5	88.3	163.9

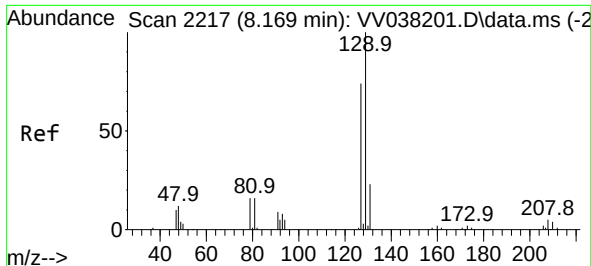


#48
2-Hexanone
Concen: 2.817 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.039 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

Tgt Ion: 43 Resp: 20827

Ion	Ratio	Lower	Upper
43	100		
58	40.5	49.2	73.8#
57	32.3	16.9	25.3#
100	3.2	11.8	17.8#

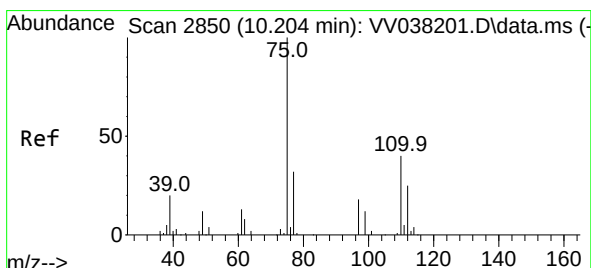
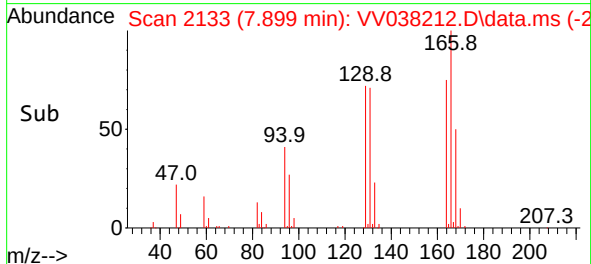
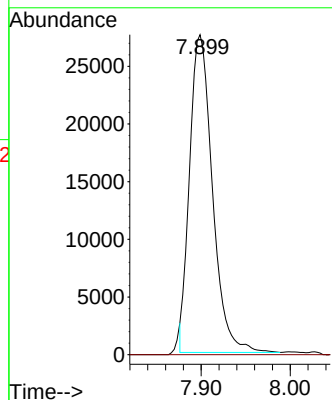
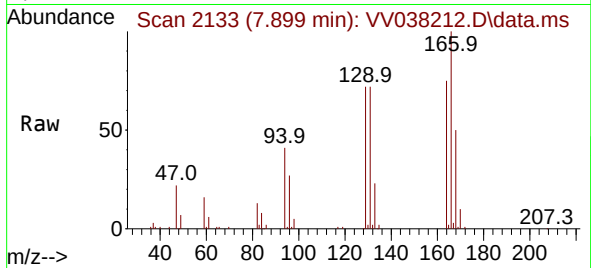




#49
Dibromochloromethane
Concen: 2.848 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 49045
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#61
1,2,3-Trichloropropane
Concen: 1.334 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038212.D
Acq: 20 Nov 2024 13:56

Tgt Ion: 75 Resp: 13538
Ion Ratio Lower Upper
75 100
77 35.7 26.4 39.6
110 1.8 32.3 48.5#

