

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091123\
 Data File : VW032029.D
 Acq On : 11 Sep 2023 16:22
 Operator : SY/MD
 Sample : 04307-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 06:01:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

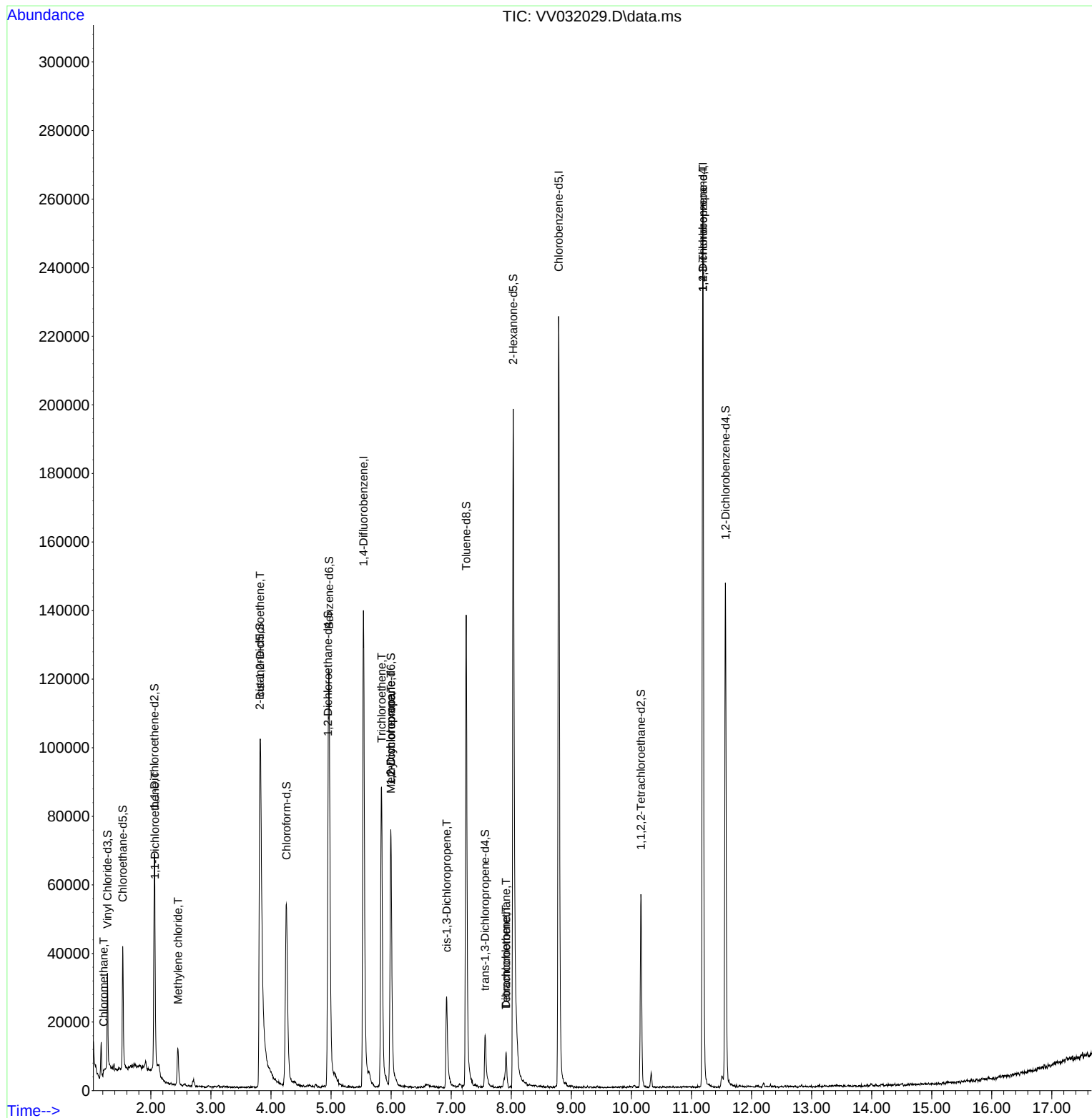
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	120617	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	122361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18012	4.421	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.532	69	22684	4.861	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.060	65	10515	4.386	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	3.815	46	103906	52.690	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.380%	
24) Chloroform-d	4.256	84	55841	4.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	4.950	65	29412	4.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
32) Benzene-d6	4.966	84	111819	4.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	5.995	67	41344	4.211	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.200%	
41) Toluene-d8	7.249	98	96360	3.730	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	7.564	79	11014	3.076	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	61.600%	
46) 2-Hexanone-d5	8.034	63	76415	40.031	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.060%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	28726	4.078	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	11.567	152	36597	3.506	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	70.200%#	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	705	0.096	ug/L #	74
12) 1,1-Dichloroethene	2.069	96	2828	0.521	ug/L #	1
16) Methylene chloride	2.452	84	4296	0.486	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	27650	3.900	ug/L	96
34) Trichloroethene	5.841	95	31353	3.806	ug/L	97
35) Methylcyclohexane	5.998	83	8940	0.746	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	4552	0.586	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	828	0.070	ug/L #	65
47) Tetrachloroethene	7.911	164	2246	0.427	ug/L	93
49) Dibromochloromethane	7.915	129	2133	0.368	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	8832	1.861	ug/L #	69

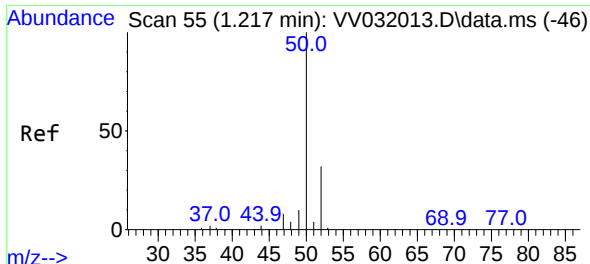
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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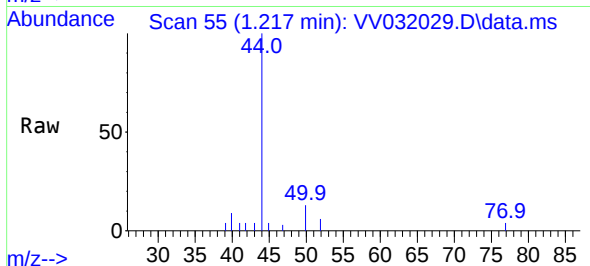
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 09 21:51:31 2023
Response via : Initial Calibration



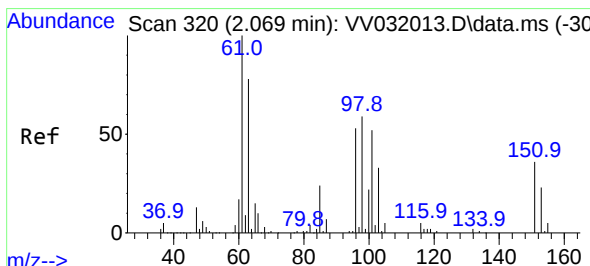
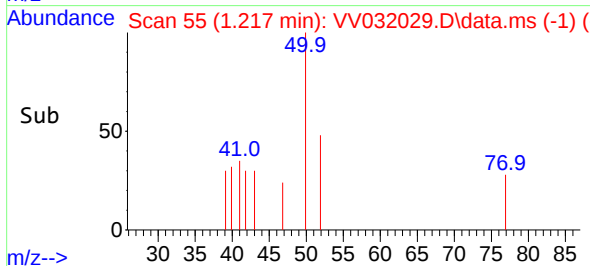
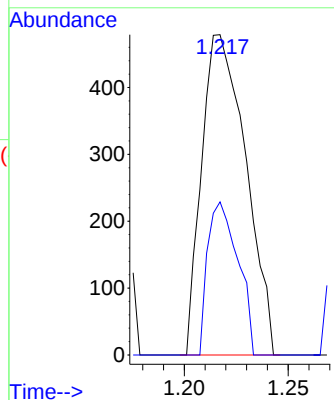


#3
Chloromethane
Concen: 0.096 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

Instrument :
MSVOA_V
ClientSampleId :

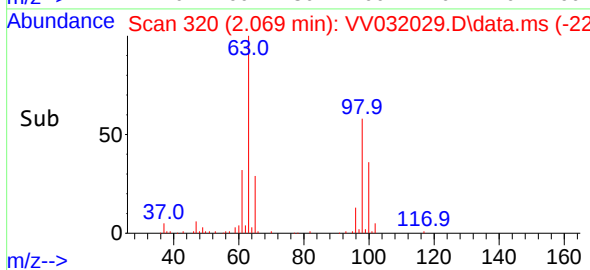
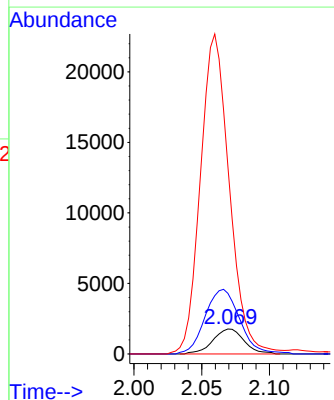
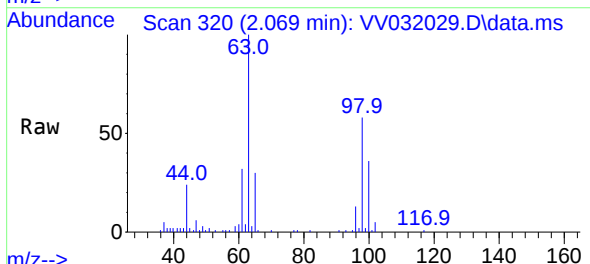


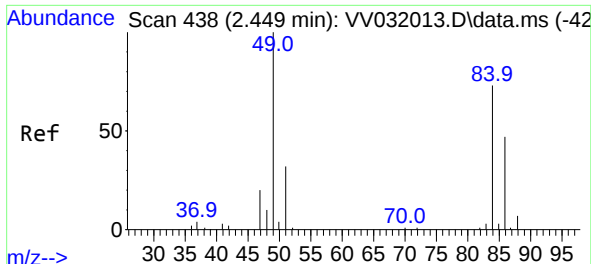
Tgt Ion: 50 Resp: 705
Ion Ratio Lower Upper
50 100
52 47.8 23.3 43.3#



#12
1,1-Dichloroethene
Concen: 0.521 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

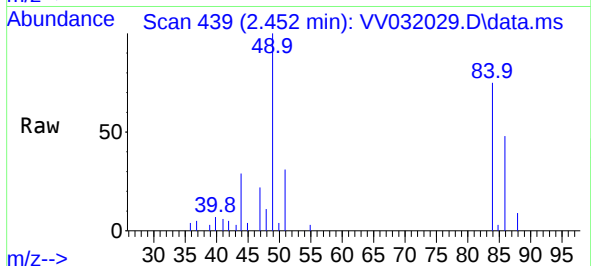
Tgt Ion: 96 Resp: 2828
Ion Ratio Lower Upper
96 100
61 242.9 129.0 239.6#
63 752.9 99.0 183.8#



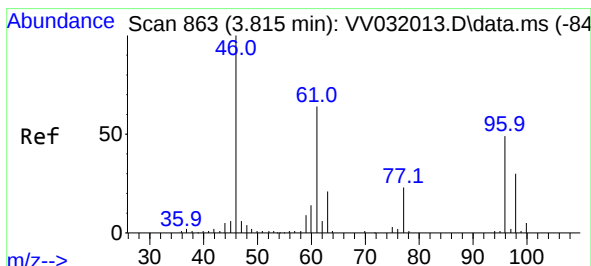
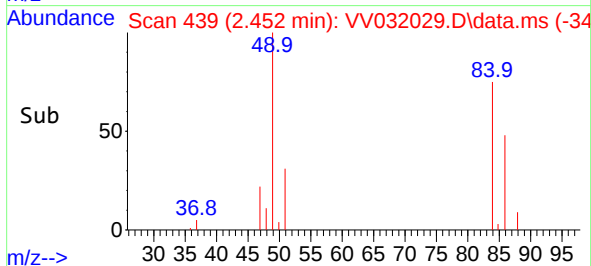
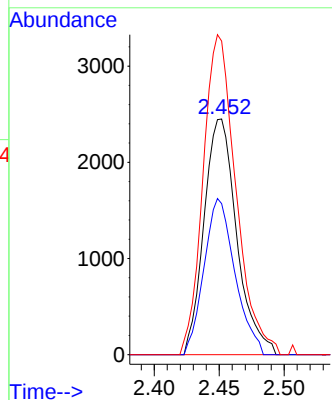


#16
Methylene chloride
Concen: 0.486 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

Instrument :
MSVOA_V
ClientSampleId :

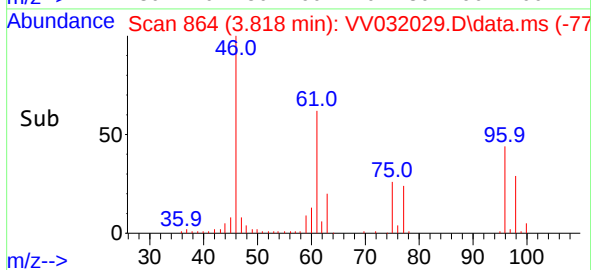
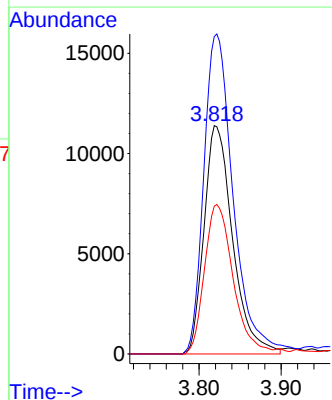
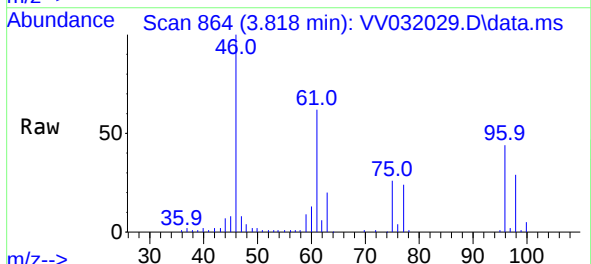


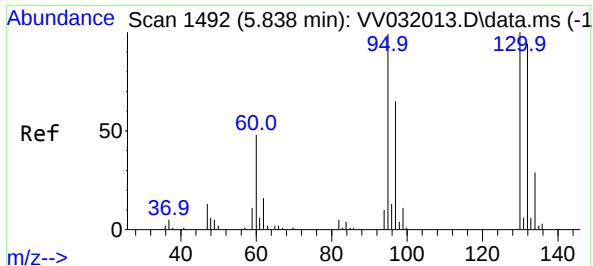
Tgt Ion: 84 Resp: 4296
Ion Ratio Lower Upper
84 100
86 64.1 42.6 79.2
49 133.0 88.5 164.4



#22
cis-1,2-Dichloroethene
Concen: 3.900 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

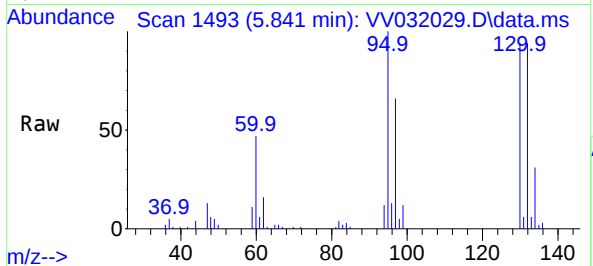
Tgt Ion: 96 Resp: 27650
Ion Ratio Lower Upper
96 100
61 139.1 94.1 174.8
98 64.8 43.8 81.4



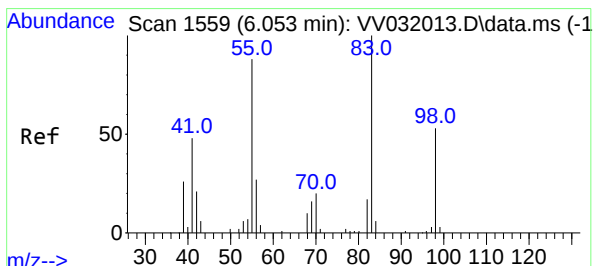
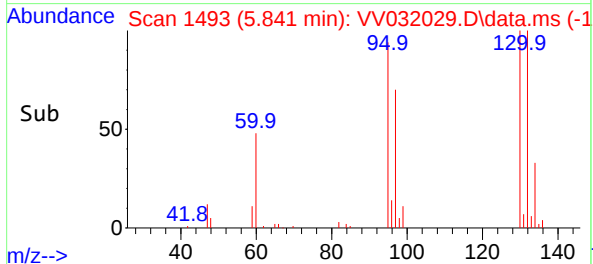
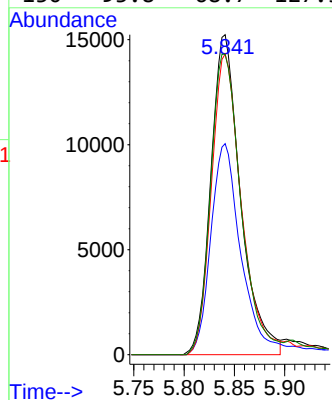


#34
Trichloroethene
Concen: 3.806 ug/L
RT: 5.841 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

Instrument :
MSVOA_V
ClientSampleId :

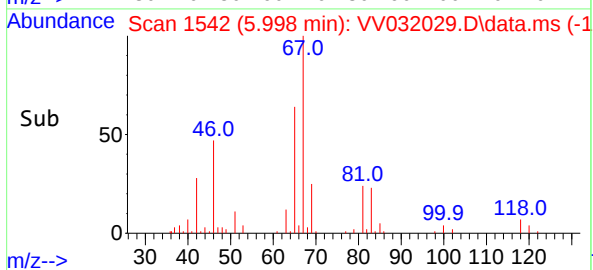
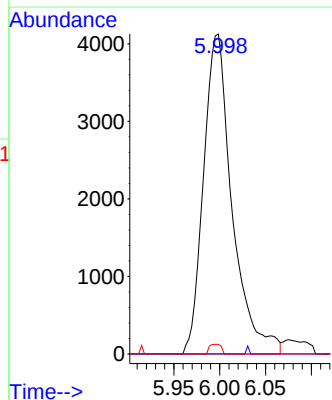
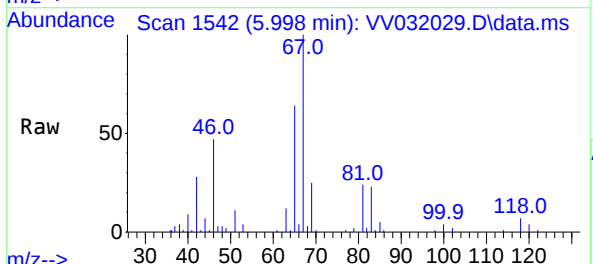


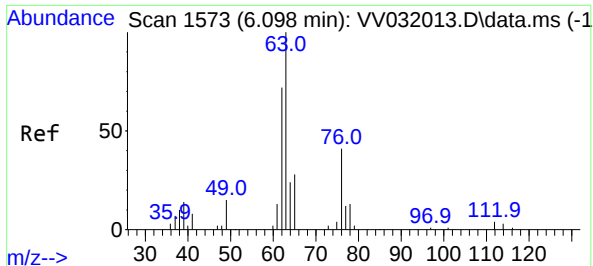
Tgt Ion: 95 Resp: 31353
Ion Ratio Lower Upper
95 100
97 65.9 47.7 88.7
132 94.0 63.8 118.4
130 93.8 68.7 127.5



#35
Methylcyclohexane
Concen: 0.746 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.055 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

Tgt Ion: 83 Resp: 8940
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 1.2 37.8 56.8#

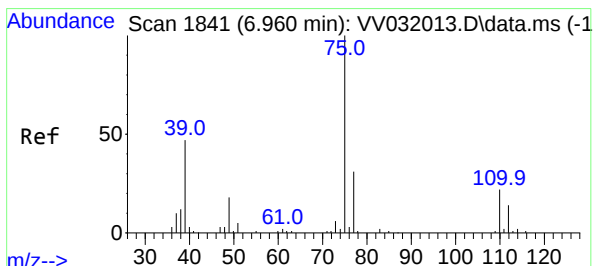
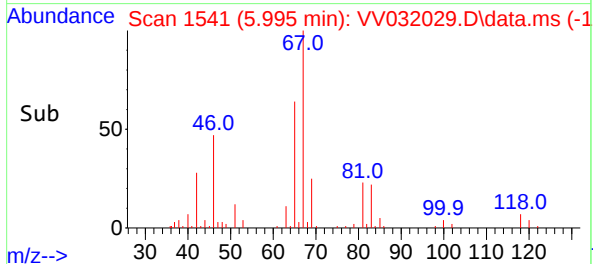
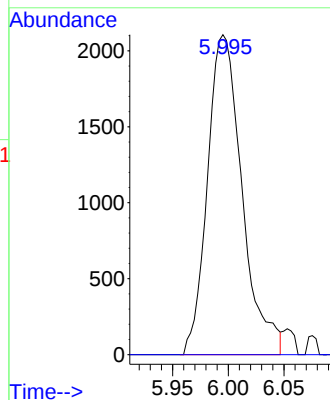
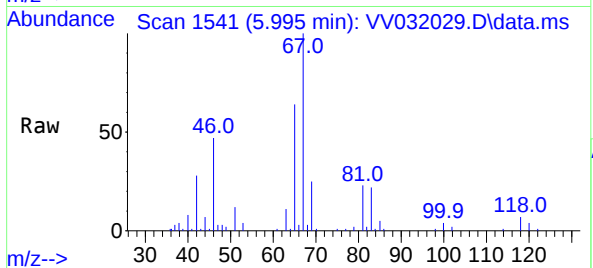




#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

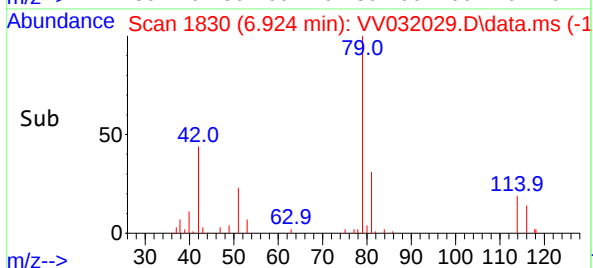
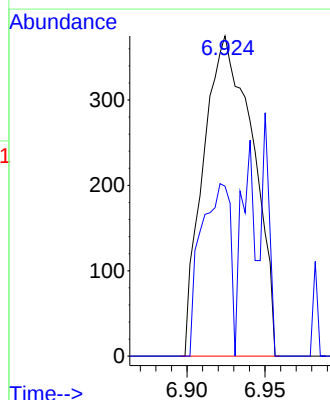
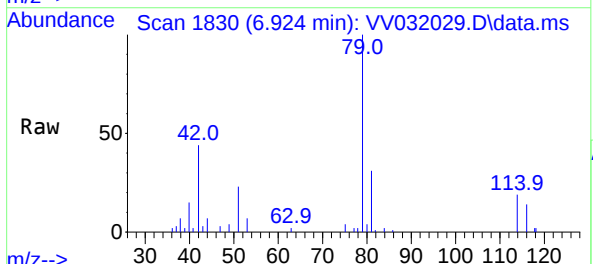
Instrument :
MSVOA_V
ClientSampleId :

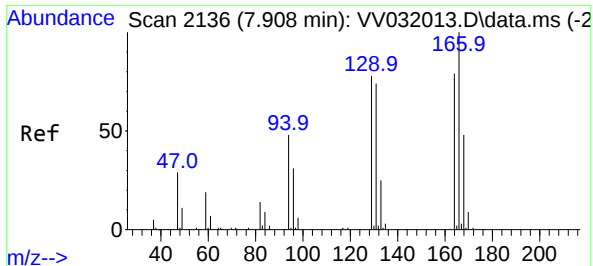
Tgt Ion: 63 Resp: 4552
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 6.924 min Scan# 1830
Delta R.T. -0.035 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

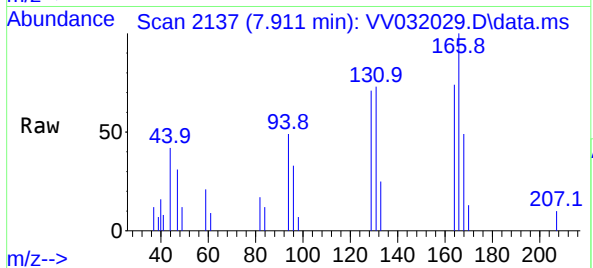
Tgt Ion: 75 Resp: 828
Ion Ratio Lower Upper
75 100
77 53.1 23.2 43.2#





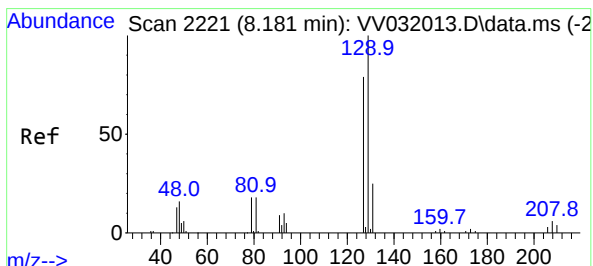
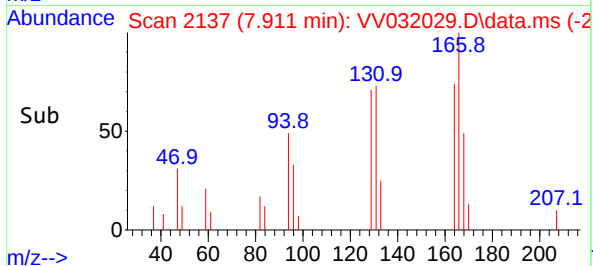
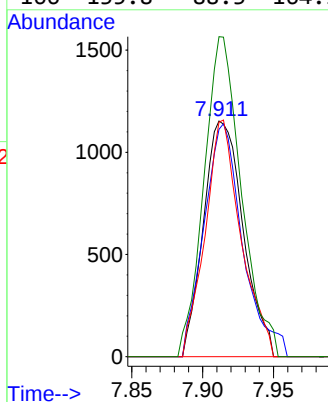
#47
Tetrachloroethene
Concen: 0.427 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 2246

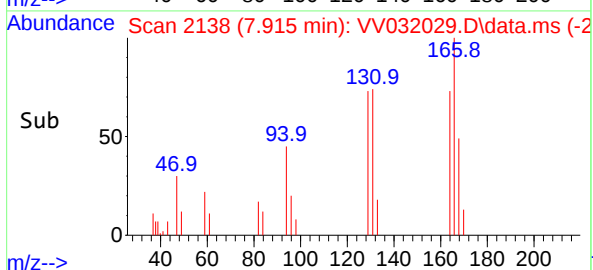
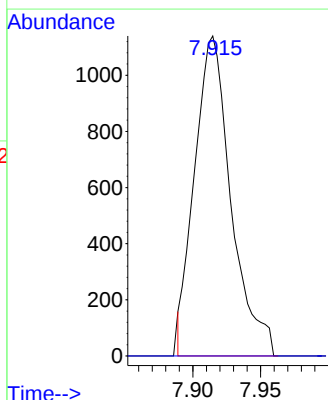
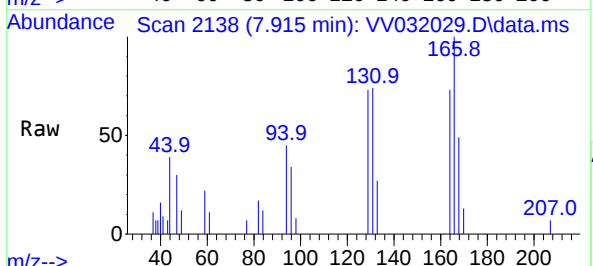
Ion	Ratio	Lower	Upper
164	100		
129	96.5	70.6	131.2
131	99.6	64.6	120.0
166	135.8	88.3	164.1

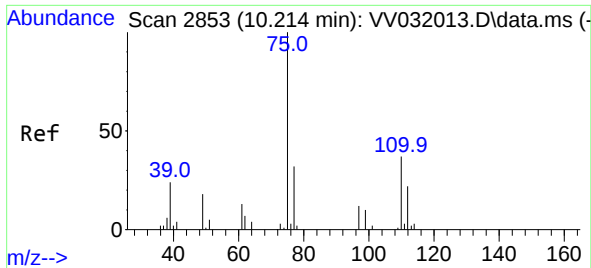


#49
Dibromochloromethane
Concen: 0.368 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.267 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

Tgt Ion:129 Resp: 2133

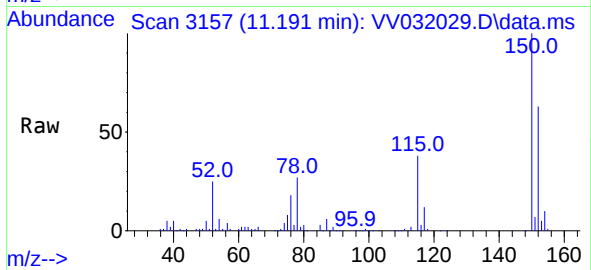
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.861 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV032029.D
 Acq: 11 Sep 2023 16:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8832
 Ion Ratio Lower Upper
 75 100
 77 34.5 28.8 43.2
 110 2.6 30.2 45.2#

