

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091123\
 Data File : VW032037.D
 Acq On : 11 Sep 2023 19:34
 Operator : SY/MD
 Sample : 04306-17 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 06:02:12 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)

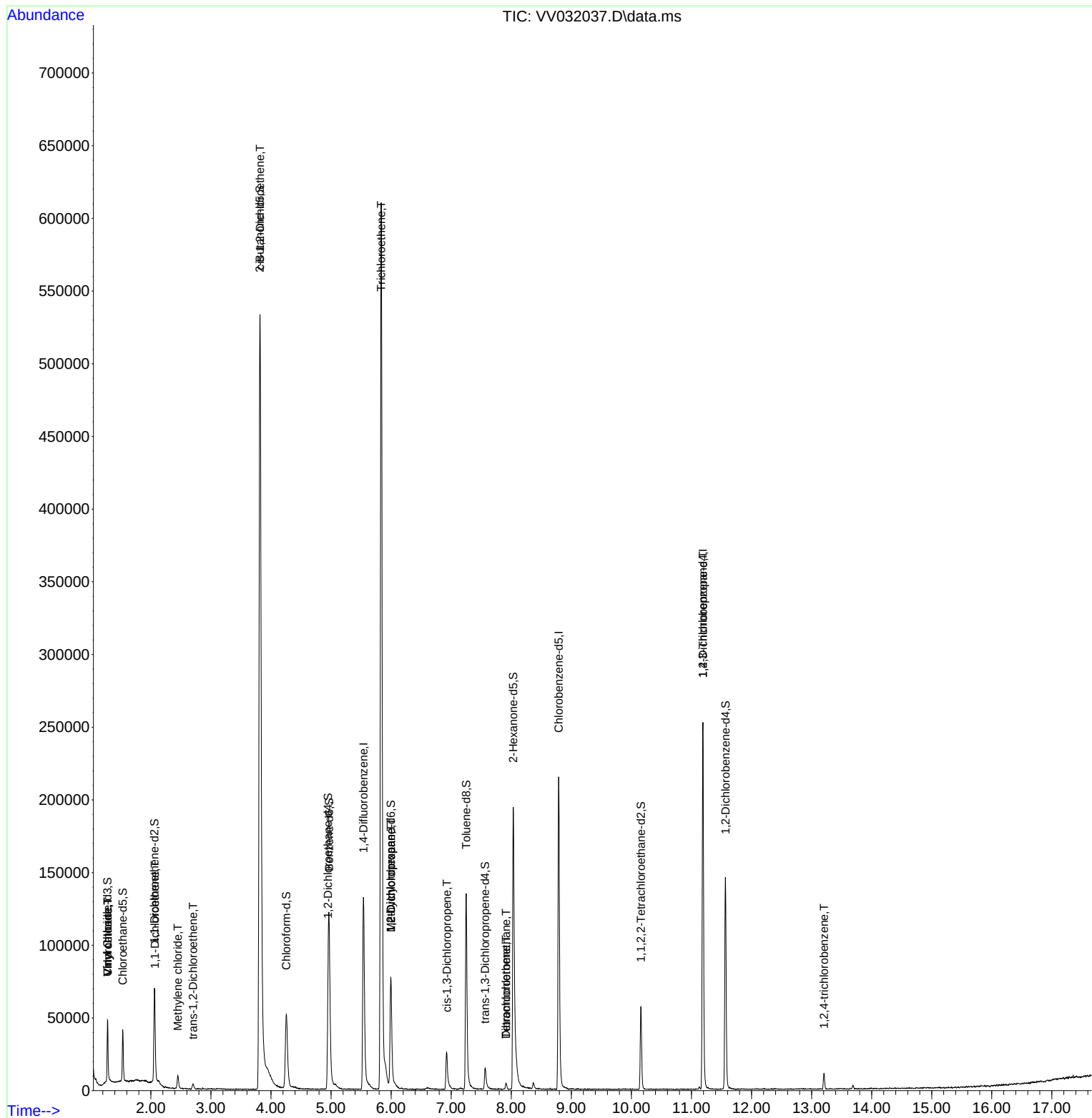
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	118029	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	62126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17774	4.459	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.532	69	22759	4.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.059	65	10115	4.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.815	46	102119	52.919	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.840%
24) Chloroform-d	4.256	84	56045	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	4.950	65	30077	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	4.966	84	111153	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.995	67	40508	4.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.249	98	92968	3.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.564	79	9681	2.830	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.600%
46) 2-Hexanone-d5	8.034	63	76983	42.214	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.420%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29256	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	35325	3.511	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.200%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	10633	1.437	ug/L	95
8) Chloroethane	1.281	64	3723	0.788	ug/L #	67
12) 1,1-Dichloroethene	2.069	96	3983	0.750	ug/L #	1
16) Methylene chloride	2.449	84	3475	0.402	ug/L	89
18) trans-1,2-Dichloroethene	2.703	96	1085	0.180	ug/L	85
22) cis-1,2-Dichloroethene	3.818	96	270906	39.048	ug/L	97
34) Trichloroethene	5.834	95	226538	28.785	ug/L	98
35) Methylcyclohexane	5.995	83	8900	0.777	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	4278	0.577	ug/L #	87
39) cis-1,3-Dichloropropene	6.931	75	882	0.078	ug/L #	49
47) Tetrachloroethene	7.915	164	924	0.184	ug/L	94
49) Dibromochloromethane	7.915	129	1082	0.196	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	8517	1.861	ug/L #	69
70) 1,2,4-trichlorobenzene	13.207	180	3177	0.307	ug/L	95

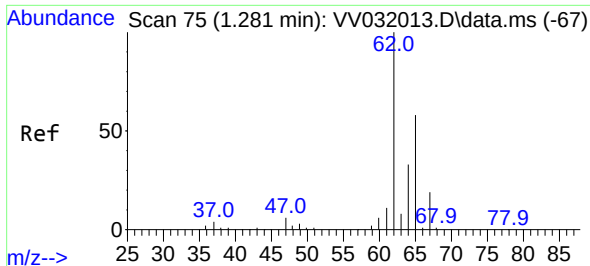
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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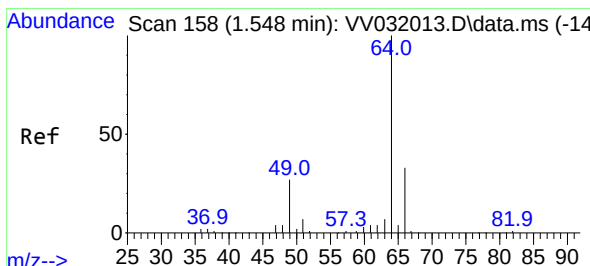
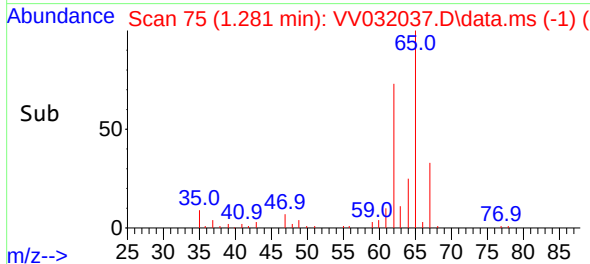
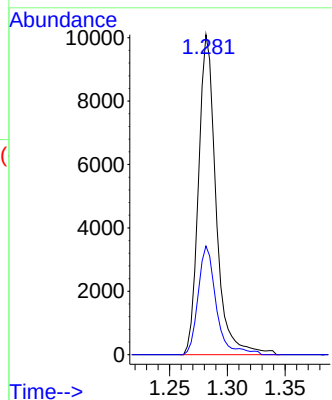
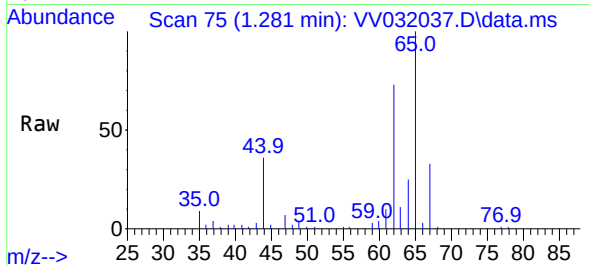




#5
 Vinyl chloride
 Concen: 1.437 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032037.D
 Acq: 11 Sep 2023 19:34

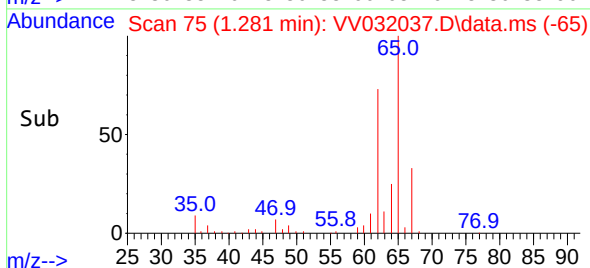
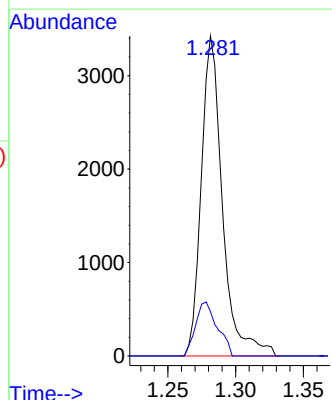
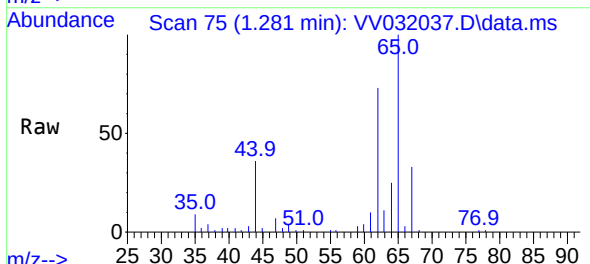
Instrument :
 MSVOA_V
 ClientSampleId :

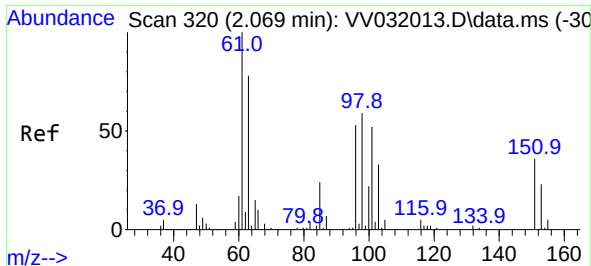
Tgt Ion: 62 Resp: 10633
 Ion Ratio Lower Upper
 62 100
 64 33.9 21.7 40.3



#8
 Chloroethane
 Concen: 0.788 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.267 min
 Lab File: VV032037.D
 Acq: 11 Sep 2023 19:34

Tgt Ion: 64 Resp: 3723
 Ion Ratio Lower Upper
 64 100
 66 13.8 22.8 42.4#





#12

1,1-Dichloroethene

Concen: 0.750 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032037.D

Acq: 11 Sep 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

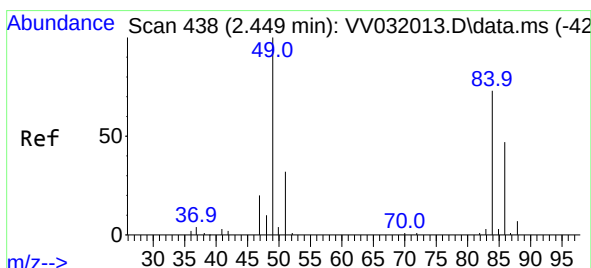
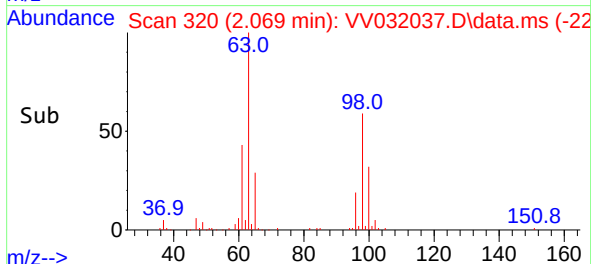
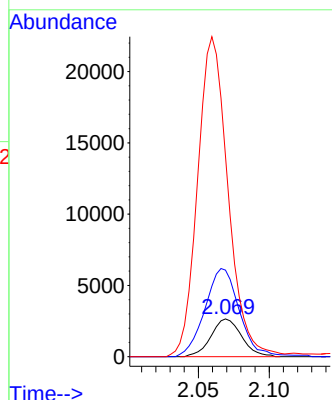
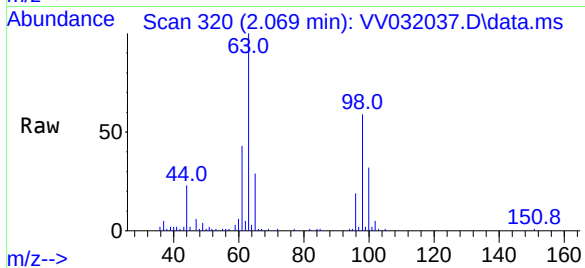
Tgt Ion: 96 Resp: 3983

Ion Ratio Lower Upper

96 100

61 229.8 129.0 239.6

63 531.9 99.0 183.8#



#16

Methylene chloride

Concen: 0.402 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV032037.D

Acq: 11 Sep 2023 19:34

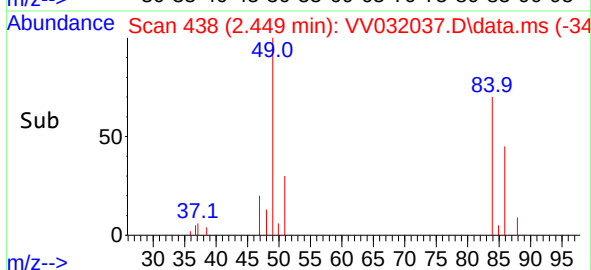
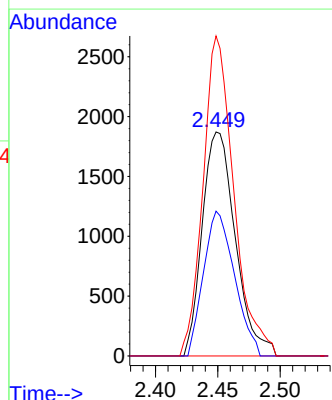
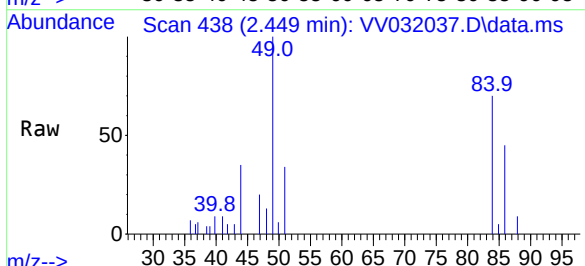
Tgt Ion: 84 Resp: 3475

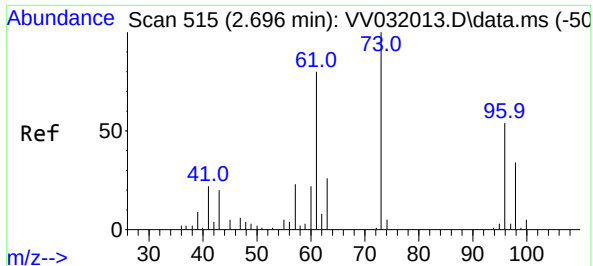
Ion Ratio Lower Upper

84 100

86 64.6 42.6 79.2

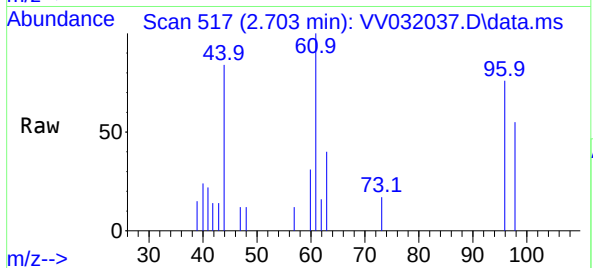
49 142.8 88.5 164.4



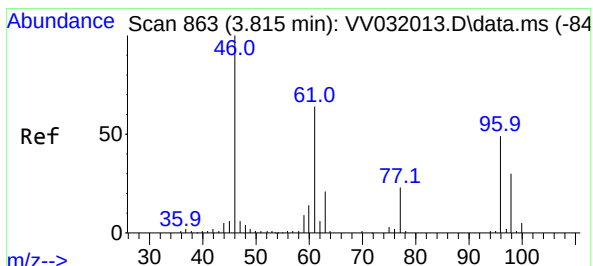
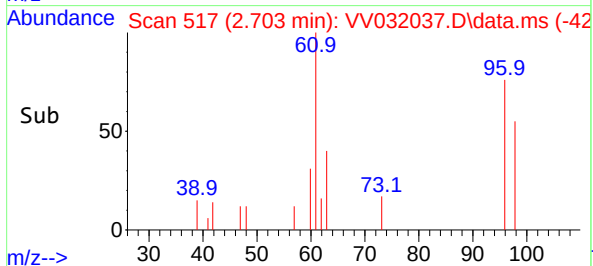
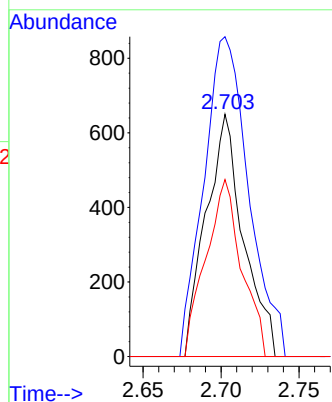


#18
trans-1,2-Dichloroethene
Concen: 0.180 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.006 min
Lab File: VV032037.D
Acq: 11 Sep 2023 19:34

Instrument :
MSVOA_V
ClientSampleId :

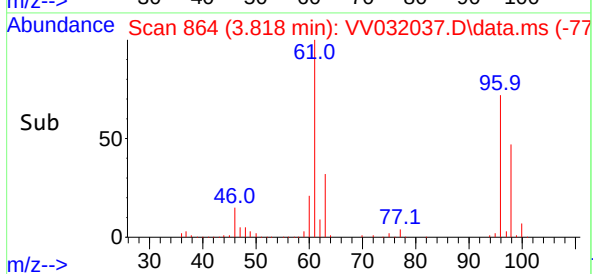
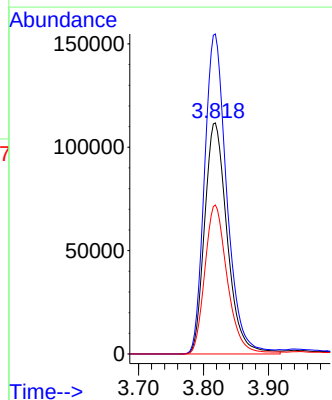
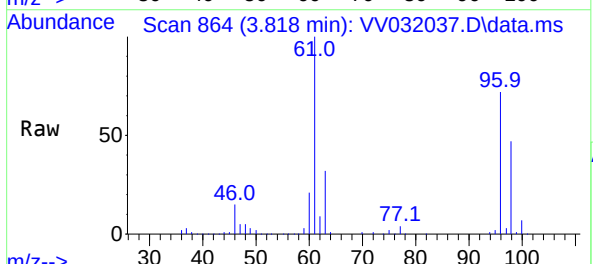


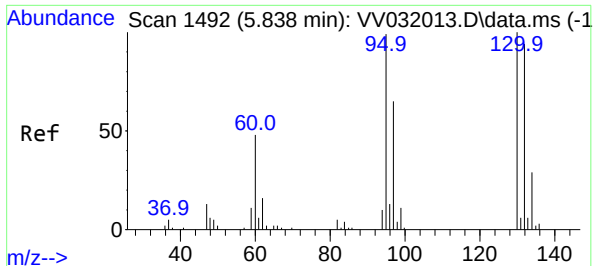
Tgt Ion: 96 Resp: 1085
Ion Ratio Lower Upper
96 100
61 132.0 106.8 198.4
98 73.1 44.9 83.3



#22
cis-1,2-Dichloroethene
Concen: 39.048 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV032037.D
Acq: 11 Sep 2023 19:34

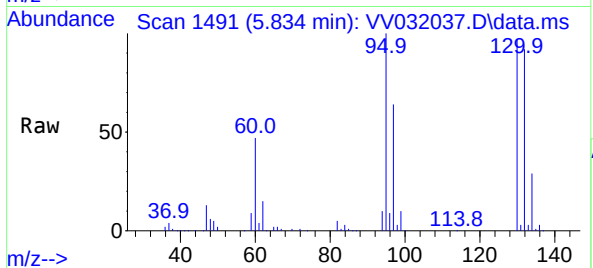
Tgt Ion: 96 Resp: 270906
Ion Ratio Lower Upper
96 100
61 138.5 94.1 174.8
98 64.5 43.8 81.4



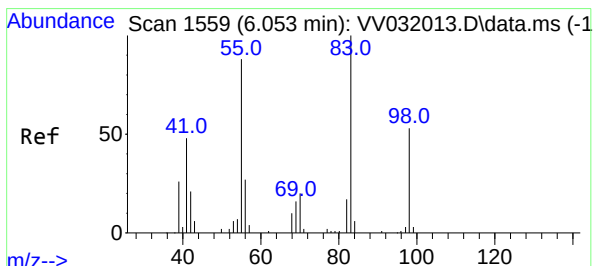
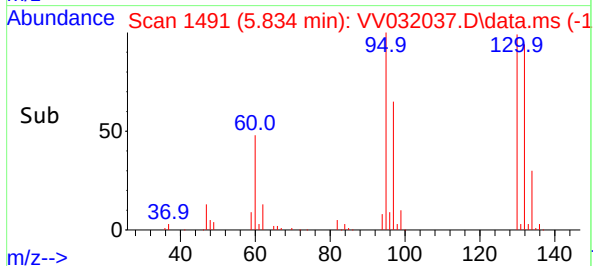
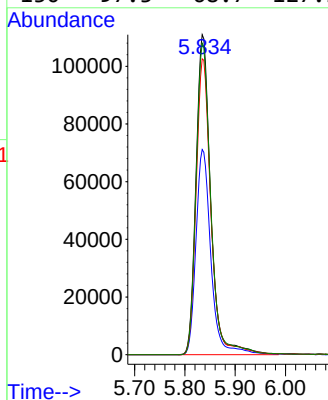


#34
Trichloroethene
Concen: 28.785 ug/L
RT: 5.834 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV032037.D
Acq: 11 Sep 2023 19:34

Instrument :
MSVOA_V
ClientSampleId :

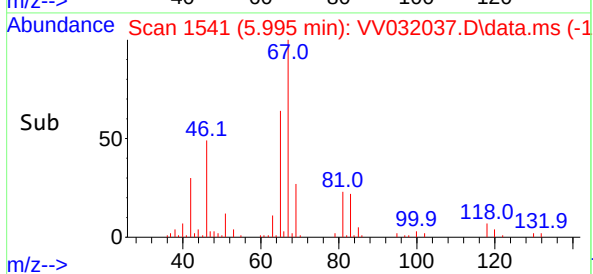
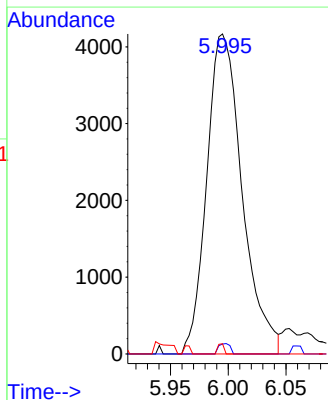
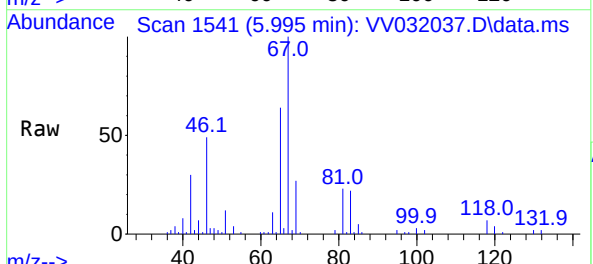


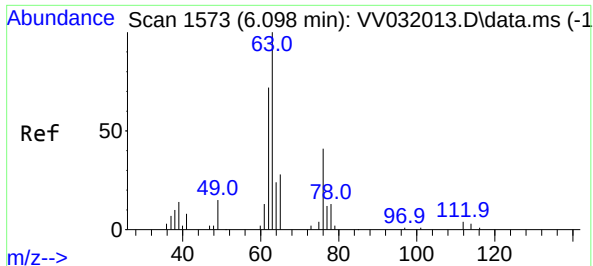
Tgt Ion: 95 Resp: 226538
Ion Ratio Lower Upper
95 100
97 64.1 47.7 88.7
132 92.5 63.8 118.4
130 97.3 68.7 127.5



#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV032037.D
Acq: 11 Sep 2023 19:34

Tgt Ion: 83 Resp: 8900
Ion Ratio Lower Upper
83 100
55 1.0 62.6 94.0#
98 0.0 37.8 56.8#

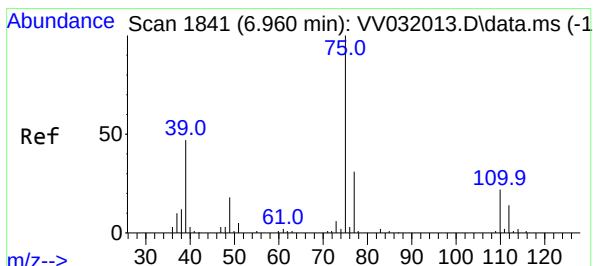
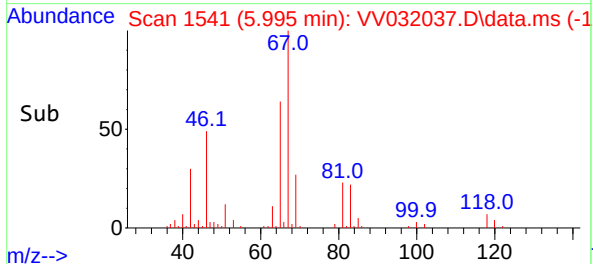
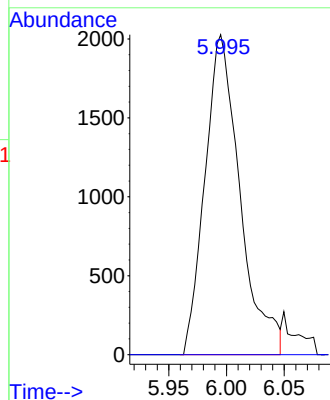
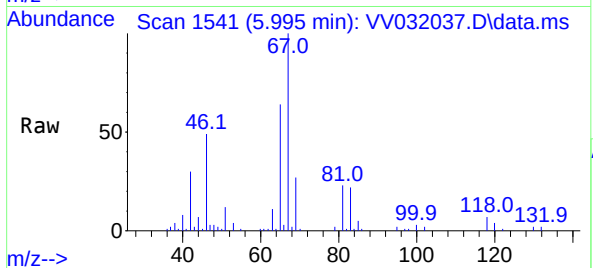




#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV032037.D
Acq: 11 Sep 2023 19:34

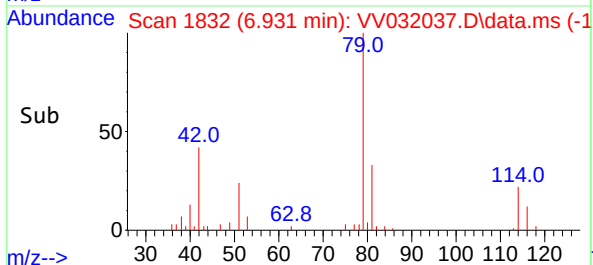
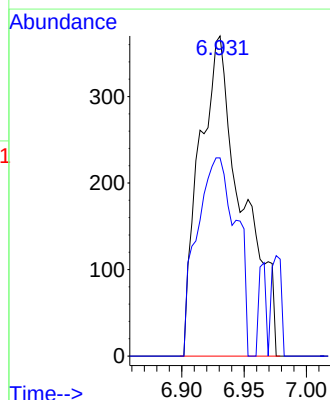
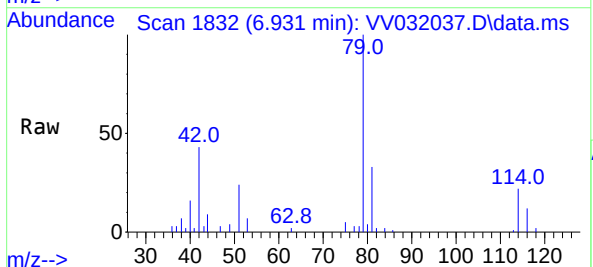
Instrument :
MSVOA_V
ClientSampleId :

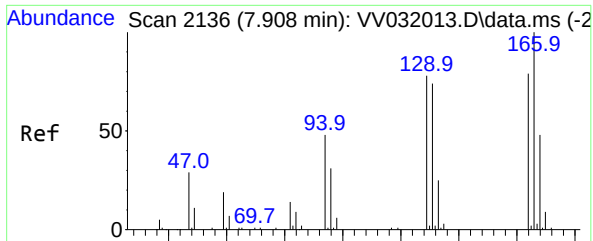
Tgt Ion: 63 Resp: 4278
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 6.931 min Scan# 1832
Delta R.T. -0.029 min
Lab File: VV032037.D
Acq: 11 Sep 2023 19:34

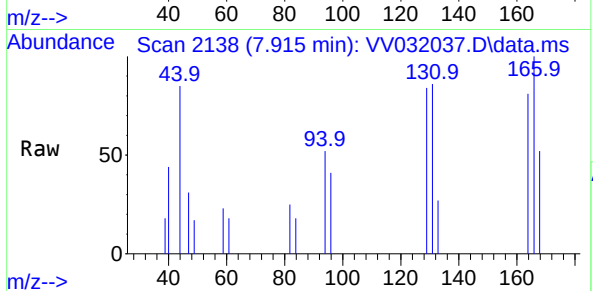
Tgt Ion: 75 Resp: 882
Ion Ratio Lower Upper
75 100
77 61.9 23.2 43.2#





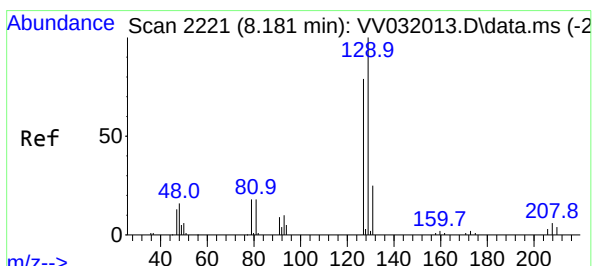
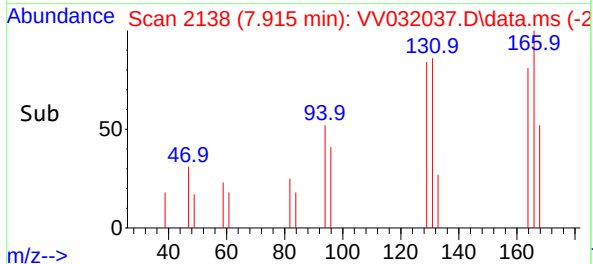
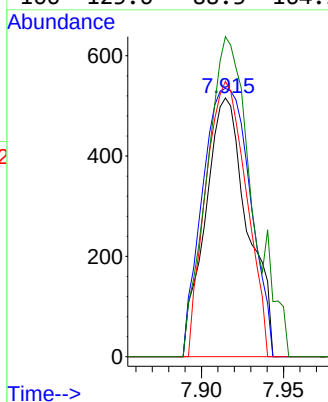
#47
Tetrachloroethene
Concen: 0.184 ug/L
RT: 7.915 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV032037.D
Acq: 11 Sep 2023 19:34

Instrument :
MSVOA_V
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Tgt Ion:164 Resp: 924

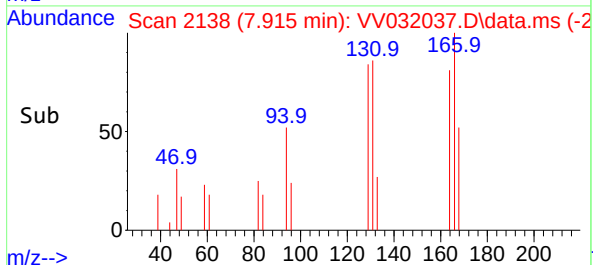
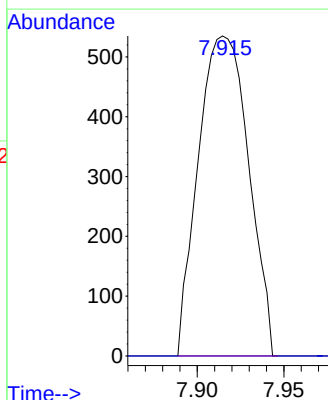
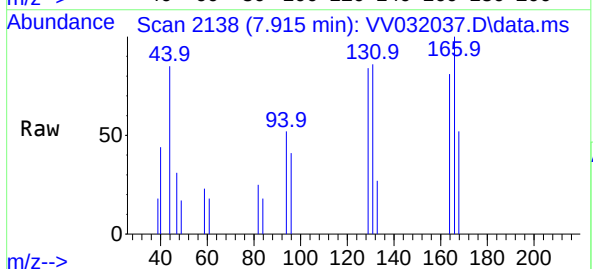
Ion	Ratio	Lower	Upper
164	100		
129	103.7	70.6	131.2
131	106.4	64.6	120.0
166	123.6	88.3	164.1

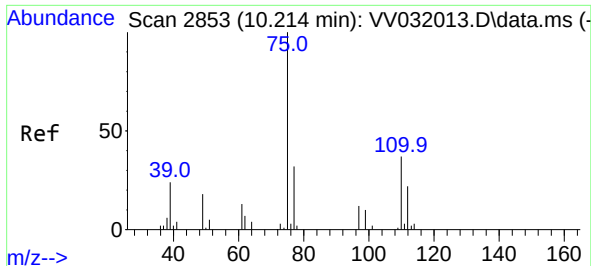


#49
Dibromochloromethane
Concen: 0.196 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.267 min
Lab File: VV032037.D
Acq: 11 Sep 2023 19:34

Tgt Ion:129 Resp: 1082

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# 3157

Delta R.T. 0.977 min

Lab File: VV032037.D

Acq: 11 Sep 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

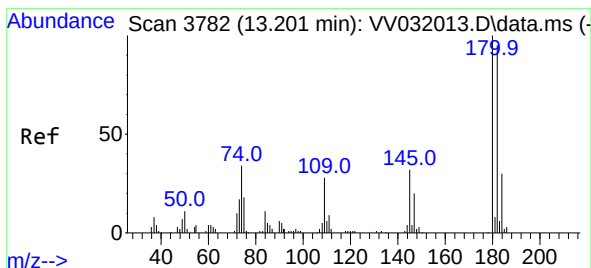
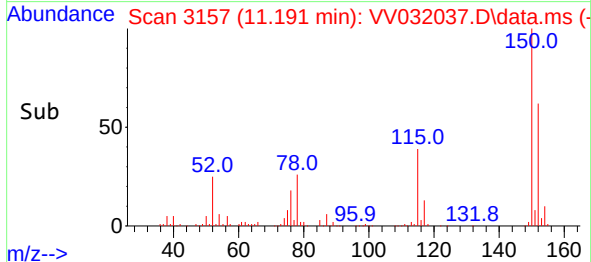
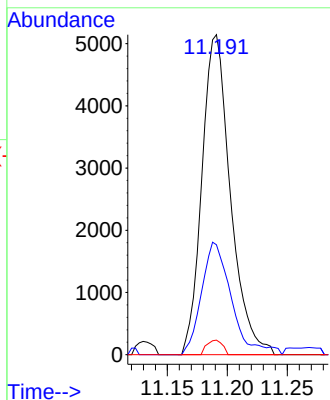
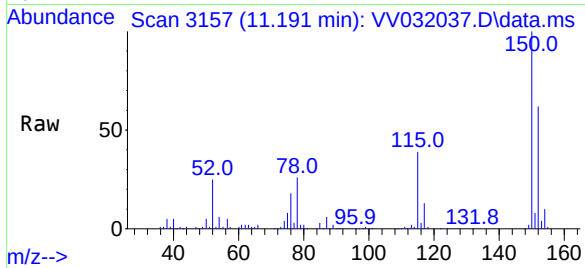
Tgt Ion: 75 Resp: 8517

Ion Ratio Lower Upper

75 100

77 36.8 28.8 43.2

110 2.5 30.2 45.2#



#70

1,2,4-trichlorobenzene

Concen: 0.307 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.003 min

Lab File: VV032037.D

Acq: 11 Sep 2023 19:34

Tgt Ion:180 Resp: 3177

Ion Ratio Lower Upper

180 100

182 91.1 76.9 115.3

145 29.7 26.6 39.8

