

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
 Data File : VV032032.D
 Acq On : 11 Sep 2023 17:32
 Operator : SY/MD
 Sample : 04306-12 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 06:01:31 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)

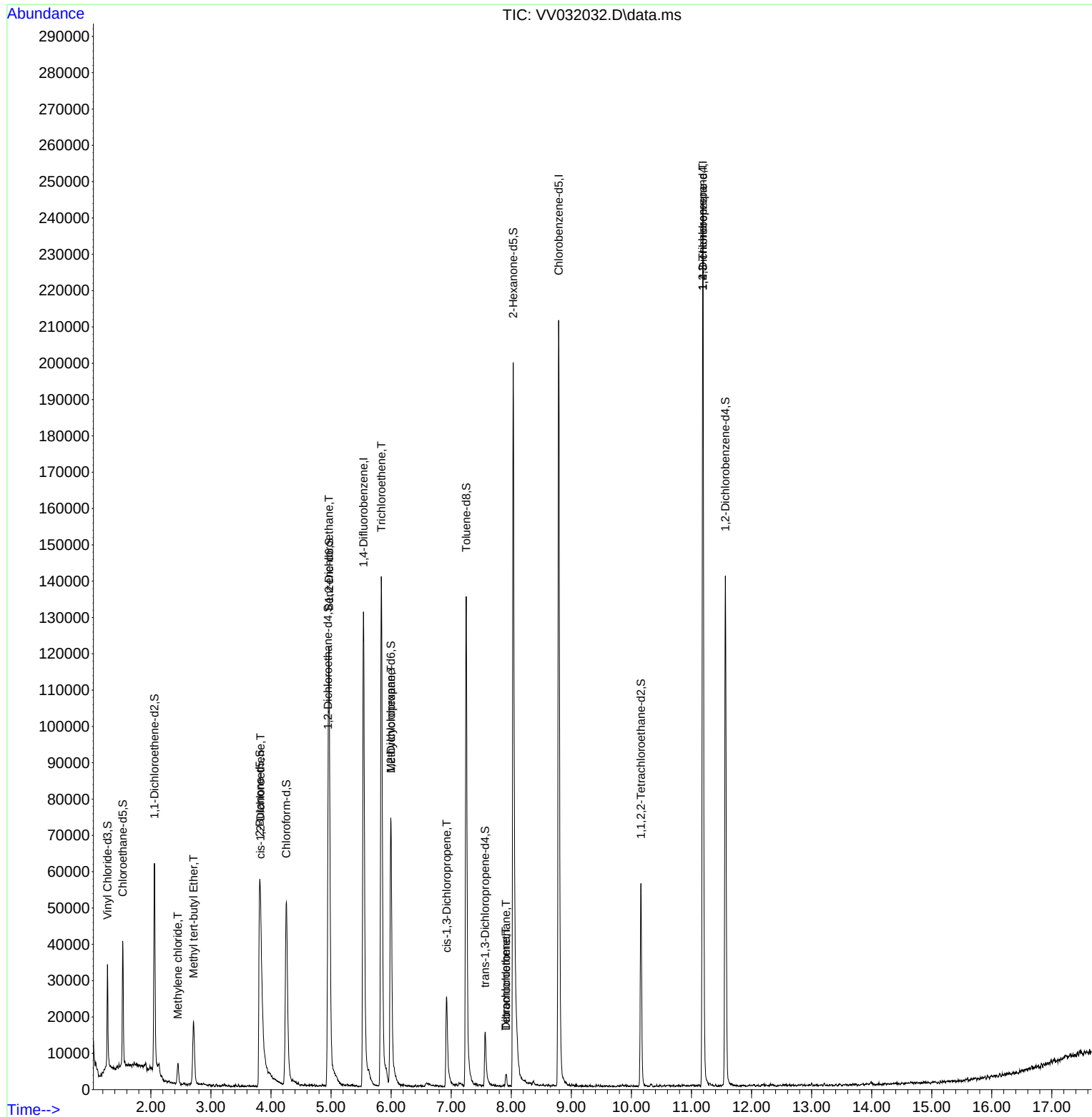
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	113348	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	61711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17344	4.530	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.532	69	22372	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.060	65	10223	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.812	46	99297	53.582	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.160%
24) Chloroform-d	4.256	84	55105	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	4.950	65	28507	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	4.966	84	113434	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	5.995	67	40466	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.249	98	93690	3.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.564	79	10093	2.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.800%
46) 2-Hexanone-d5	8.034	63	74436	40.601	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.200%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	28302	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	35371	3.539	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.800%#
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	2134	0.257	ug/L	90
17) Methyl tert-butyl Ether	2.712	73	18075	1.142	ug/L	97
22) cis-1,2-Dichloroethene	3.828	96	3317	0.498	ug/L	90
27) 1,2-Dichloroethane	4.963	62	682	0.094	ug/L #	75
34) Trichloroethene	5.838	95	51469	6.505	ug/L	97
35) Methylcyclohexane	5.995	83	8548	0.742	ug/L #	20
39) cis-1,3-Dichloropropene	6.924	75	716	0.063	ug/L #	33
47) Tetrachloroethene	7.908	164	641	0.127	ug/L #	81
49) Dibromochloromethane	7.915	129	830	0.149	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	8669	1.907	ug/L #	67

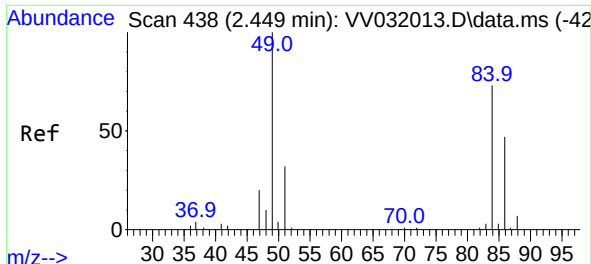
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
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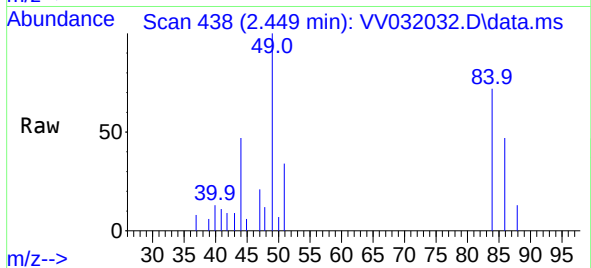
Quant Time: Sep 12 06:01:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 09 21:51:31 2023
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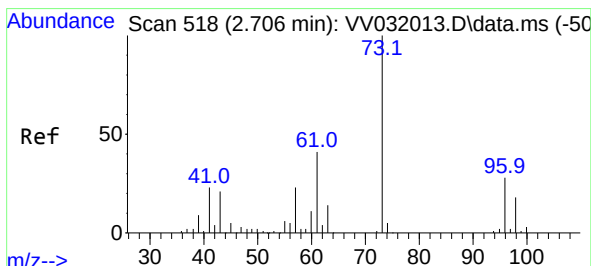
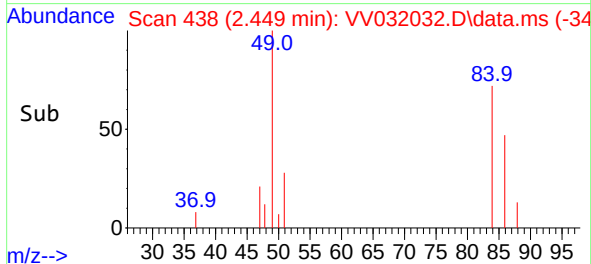
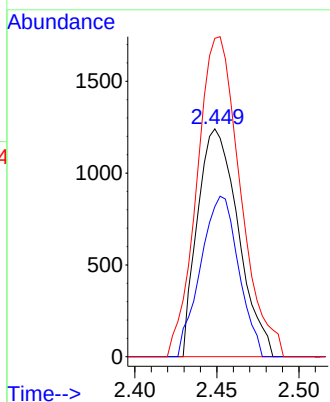
#16
Methylene chloride
Concen: 0.257 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV032032.D
Acq: 11 Sep 2023 17:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2134

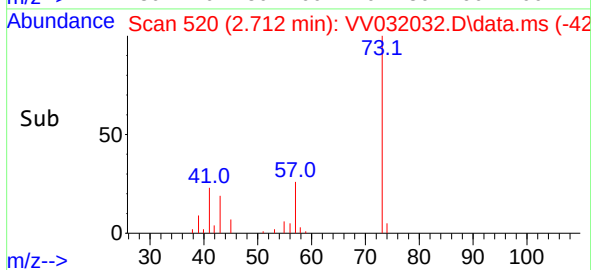
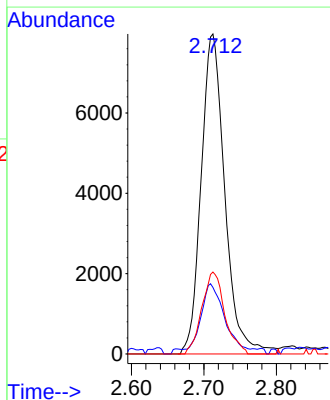
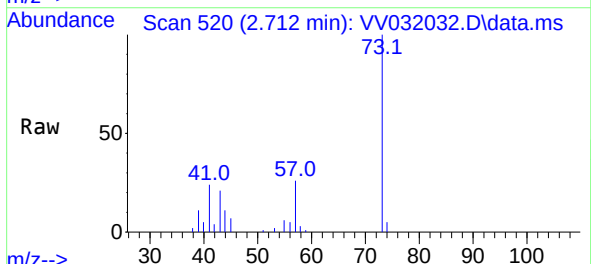
Ion	Ratio	Lower	Upper
84	100		
86	65.9	42.6	79.2
49	139.7	88.5	164.4

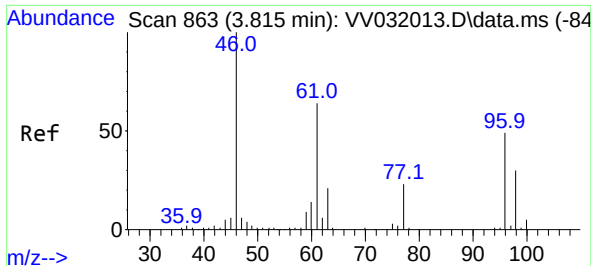


#17
Methyl tert-butyl Ether
Concen: 1.142 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.007 min
Lab File: VV032032.D
Acq: 11 Sep 2023 17:32

Tgt Ion: 73 Resp: 18075

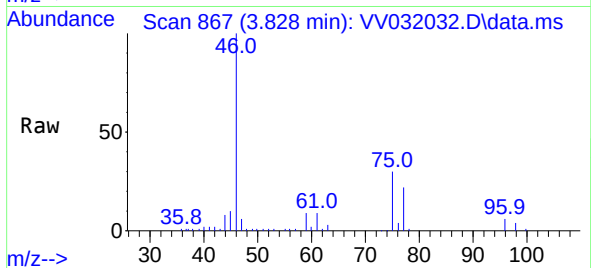
Ion	Ratio	Lower	Upper
73	100		
43	19.7	15.6	23.4
57	24.7	17.8	26.8



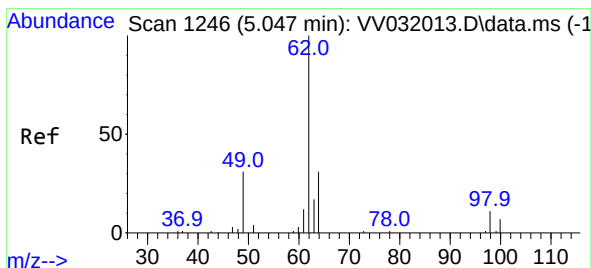
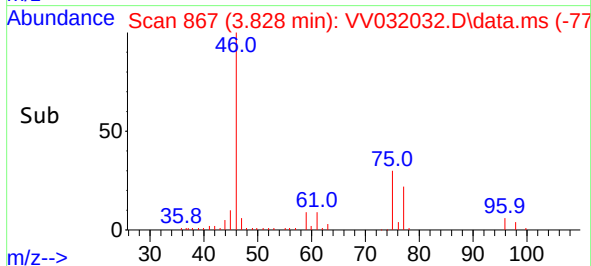
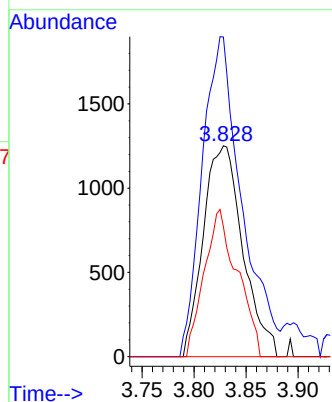


#22
cis-1,2-Dichloroethene
Concen: 0.498 ug/L
RT: 3.828 min Scan# 80
Delta R.T. 0.013 min
Lab File: VV032032.D
Acq: 11 Sep 2023 17:32

Instrument :
MSVOA_V
ClientSampleId :

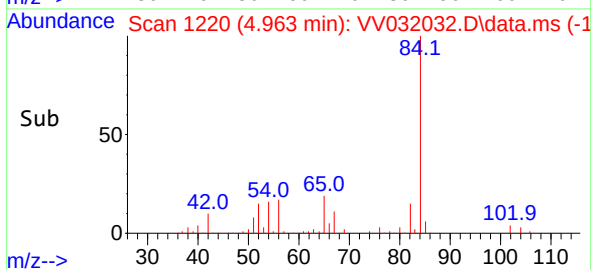
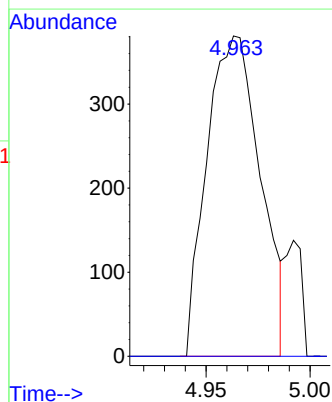
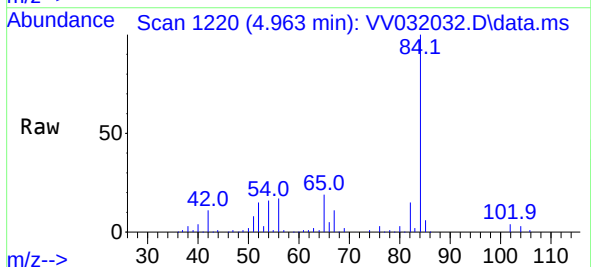


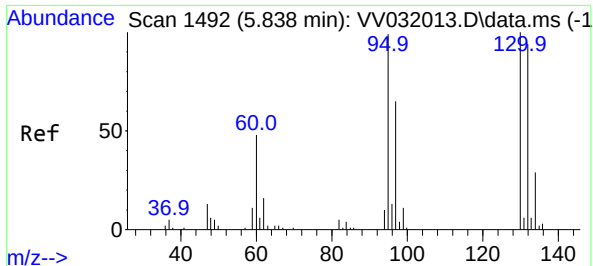
Tgt Ion: 96 Resp: 3317
Ion Ratio Lower Upper
96 100
61 151.6 94.1 174.8
98 61.6 43.8 81.4



#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 4.963 min Scan# 1220
Delta R.T. -0.083 min
Lab File: VV032032.D
Acq: 11 Sep 2023 17:32

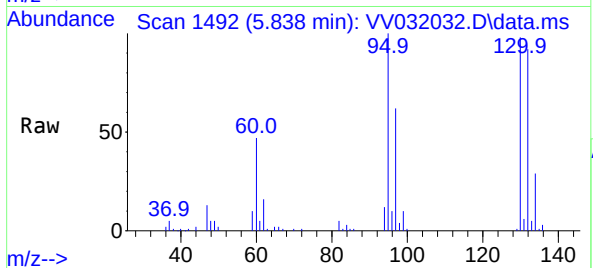
Tgt Ion: 62 Resp: 682
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





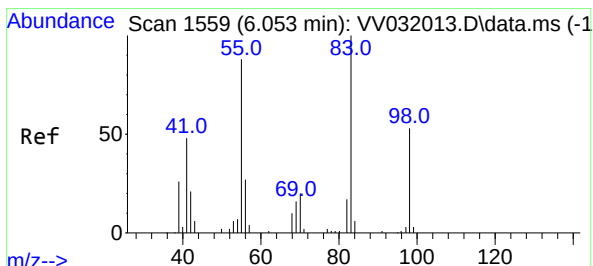
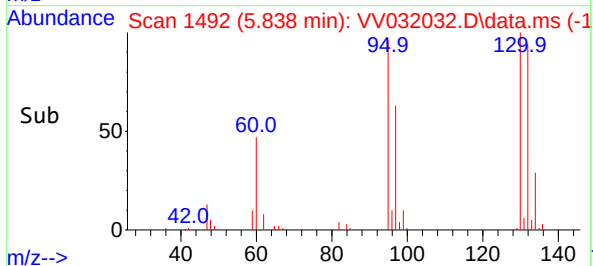
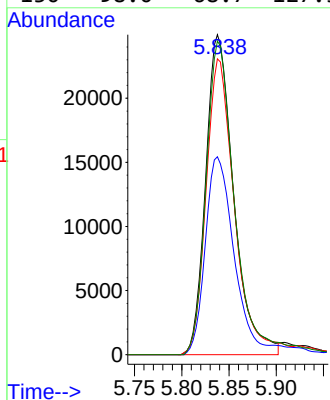
#34
Trichloroethene
Concen: 6.505 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV032032.D
Acq: 11 Sep 2023 17:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 51469

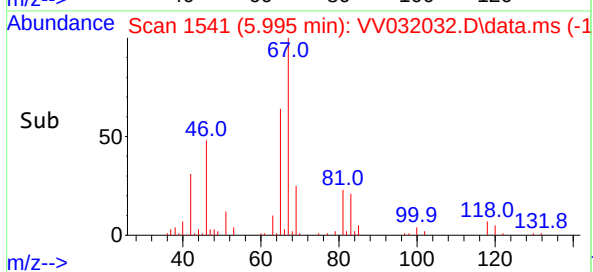
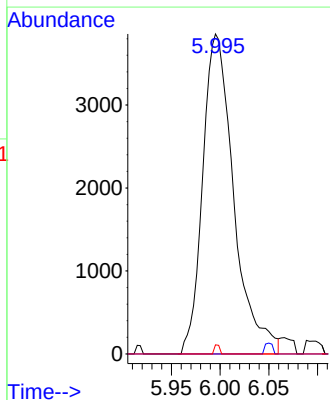
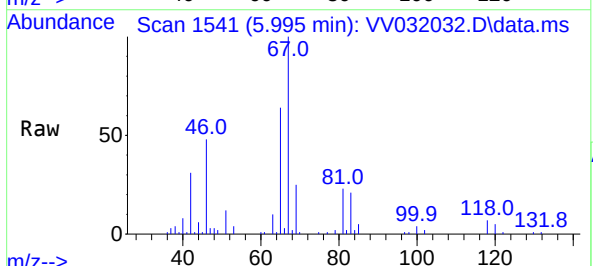
Ion	Ratio	Lower	Upper
95	100		
97	61.8	47.7	88.7
132	92.4	63.8	118.4
130	98.0	68.7	127.5

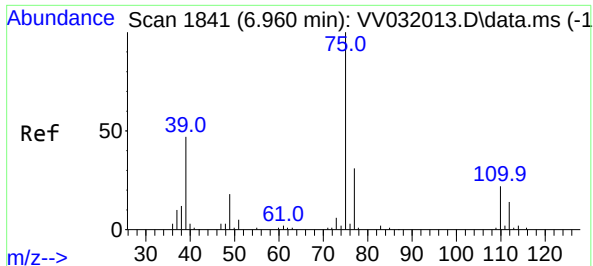


#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV032032.D
Acq: 11 Sep 2023 17:32

Tgt Ion: 83 Resp: 8548

Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.6	94.0#
98	2.7	37.8	56.8#





#39

cis-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV032032.D

Acq: 11 Sep 2023 17:32

Instrument :

MSVOA_V

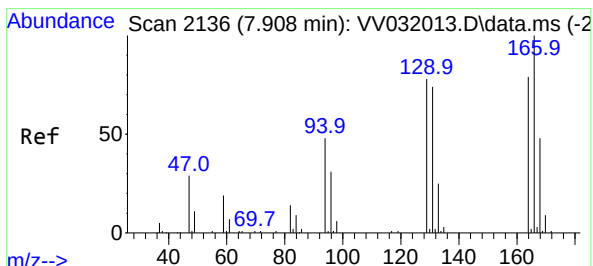
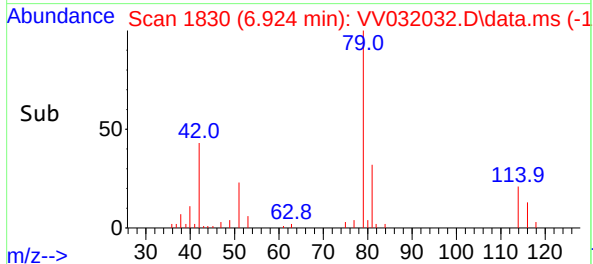
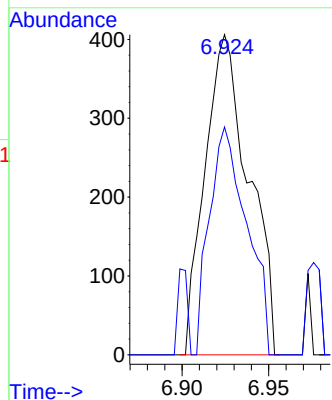
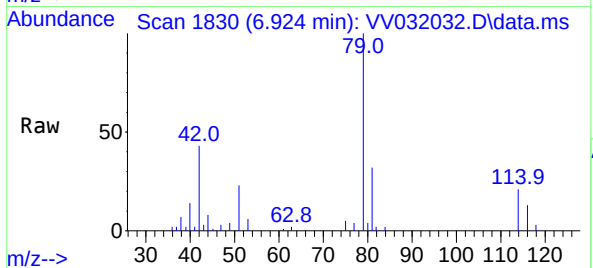
ClientSampleId :

Tgt Ion: 75 Resp: 716

Ion Ratio Lower Upper

75 100

77 71.2 23.2 43.2#



#47

Tetrachloroethene

Concen: 0.127 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV032032.D

Acq: 11 Sep 2023 17:32

Tgt Ion: 164 Resp: 641

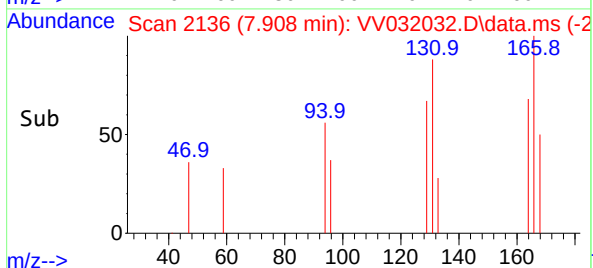
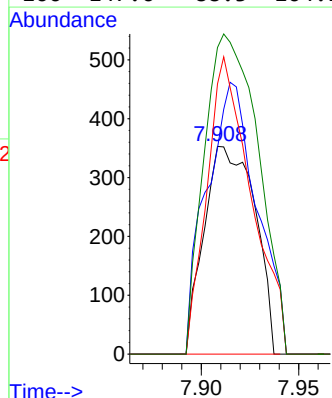
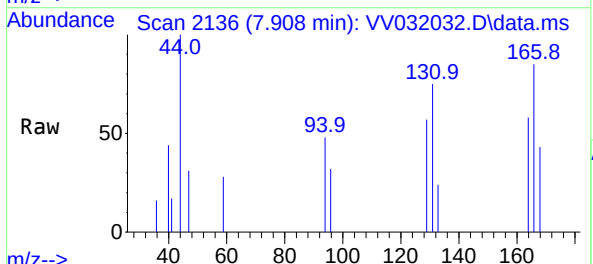
Ion Ratio Lower Upper

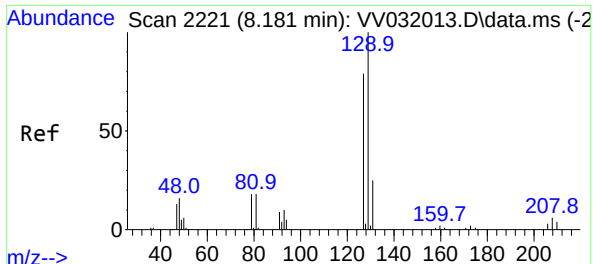
164 100

129 99.2 70.6 131.2

131 130.0 64.6 120.0#

166 147.6 88.3 164.1





#49

Dibromochloromethane

Concen: 0.149 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.267 min

Lab File: VV032032.D

Acq: 11 Sep 2023 17:32

Instrument :

MSVOA_V

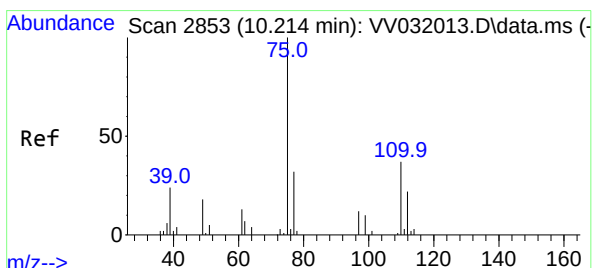
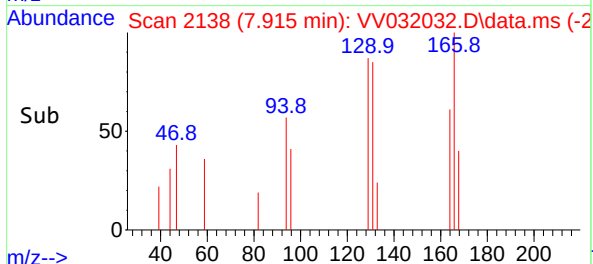
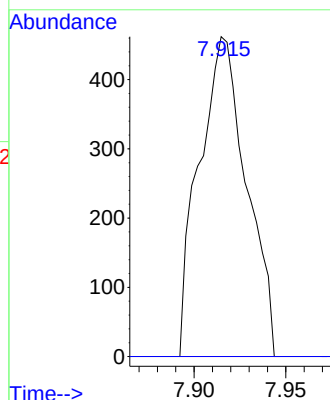
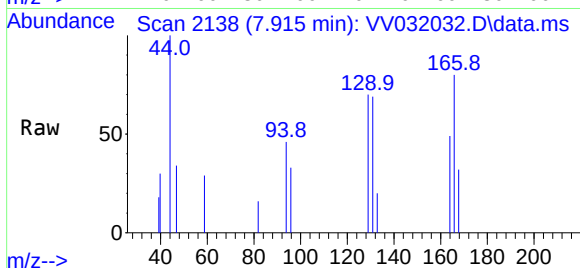
ClientSampleId :

Tgt Ion:129 Resp: 830

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#61

1,2,3-Trichloropropane

Concen: 1.907 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032032.D

Acq: 11 Sep 2023 17:32

Tgt Ion: 75 Resp: 8669

Ion Ratio Lower Upper

75 100

77 32.5 28.8 43.2

110 1.9 30.2 45.2#

