

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102023\
 Data File : VW032550.D
 Acq On : 21 Oct 2023 02:21
 Operator : SY/MD
 Sample : 04993-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 02:59:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

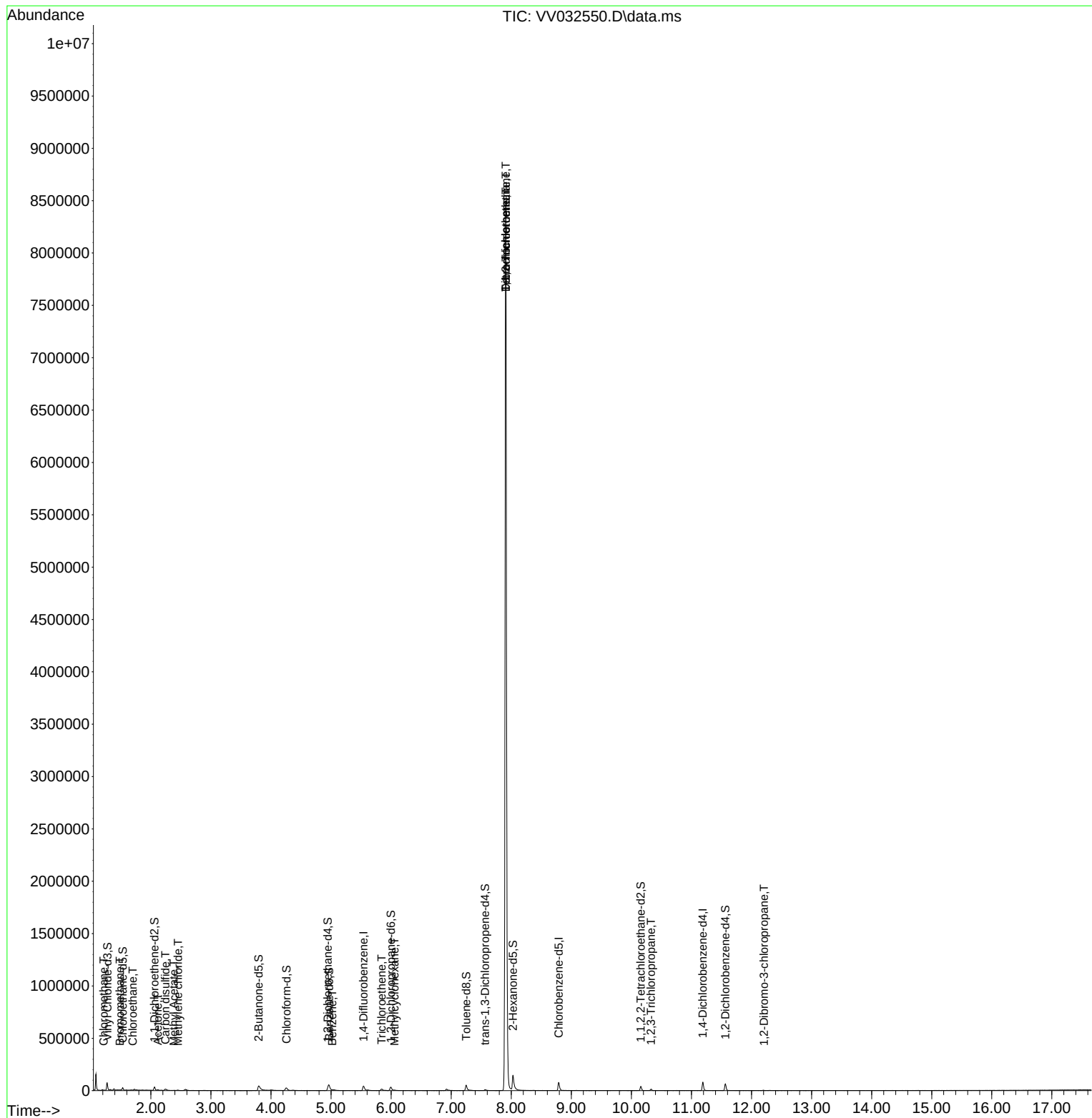
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	35910	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	44320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	20054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	12654	4.333	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.532	69	12595	5.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.060	65	5685	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.793	46	59666	80.761	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	161.520%#
24) Chloroform-d	4.259	84	26567	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	4.947	65	16617	6.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.200%#
32) Benzene-d6	4.966	84	45214	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
36) 1,2-Dichloropropane-d6	5.995	67	15915	3.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.600%
41) Toluene-d8	7.249	98	37036	3.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.200%#
43) trans-1,3-Dichloroprop...	7.564	79	5676	3.707	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.027	63	49543	68.772	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.540%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19583	6.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.600%#
66) 1,2-Dichlorobenzene-d4	11.564	152	15572	4.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	789	0.196	ug/L	95
6) Bromomethane	1.484	94	208	0.089	ug/L #	56
8) Chloroethane	1.700	64	374	0.161	ug/L	100
13) Acetone	2.118	43	5031	8.835	ug/L	94
14) Carbon disulfide	2.243	76	952	0.103	ug/L #	72
15) Methyl Acetate	2.381	43	305	0.238	ug/L #	53
16) Methylene chloride	2.452	84	1360	0.396	ug/L	91
33) Benzene	5.021	78	2004	0.128	ug/L	100
34) Trichloroethene	5.844	95	4947	1.161	ug/L	87
35) Methylcyclohexane	6.056	83	683	0.104	ug/L #	47
45) 1,1,2-Trichloroethane	7.908	97	17524	5.953	ug/L #	1
47) Tetrachloroethene	7.908	164	1828712	566.099	ug/L	98
49) Dibromochloromethane	7.908	129	1744316	569.144	ug/L #	8
61) 1,2,3-Trichloropropane	10.326	75	293	0.137	ug/L #	60
68) 1,2-Dibromo-3-chloropr...	12.207	75	142	0.326	ug/L #	1

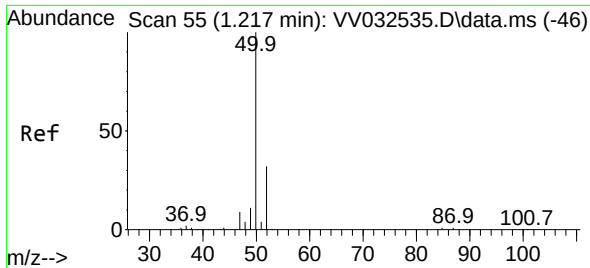
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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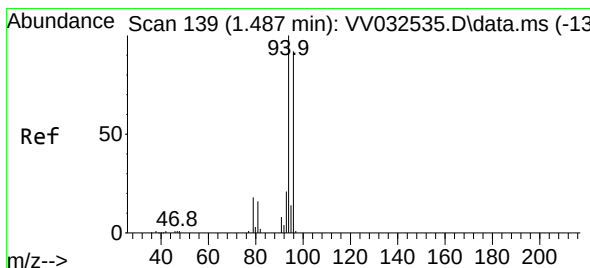
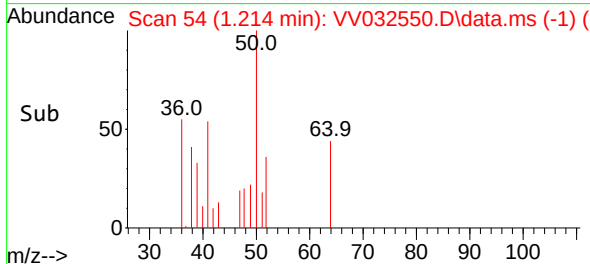
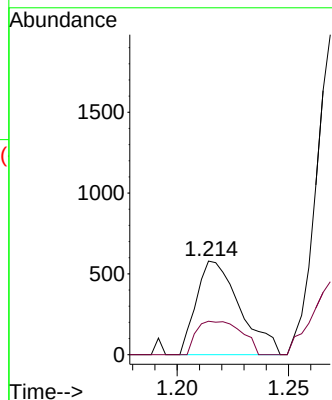
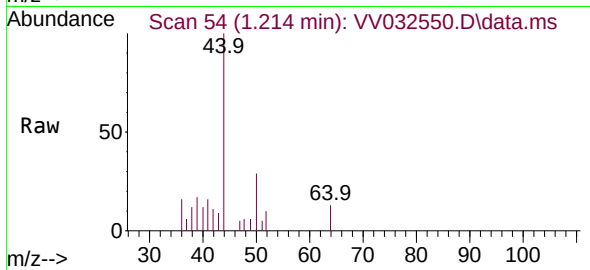




#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

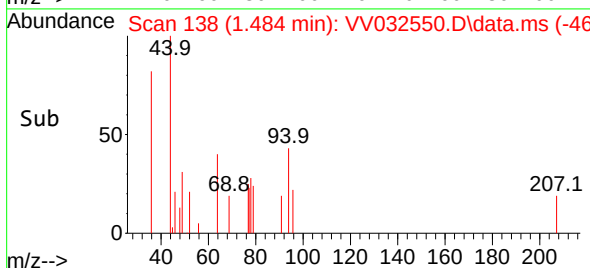
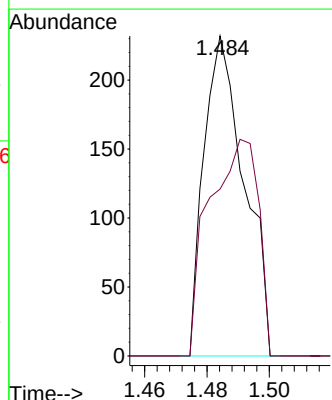
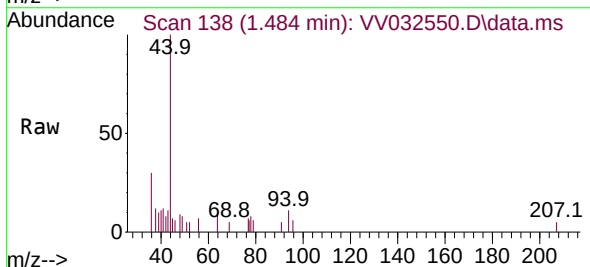
Instrument :
MSVOA_V
ClientSampleId :

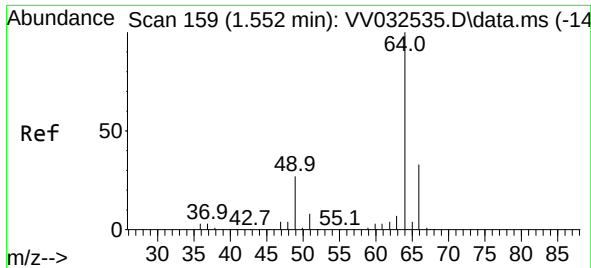
Tgt Ion: 50 Resp: 789
Ion Ratio Lower Upper
50 100
52 35.8 23.0 42.6



#6
Bromomethane
Concen: 0.089 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.003 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

Tgt Ion: 94 Resp: 208
Ion Ratio Lower Upper
94 100
96 52.2 66.8 124.2#

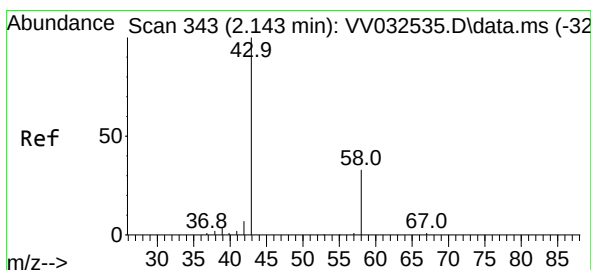
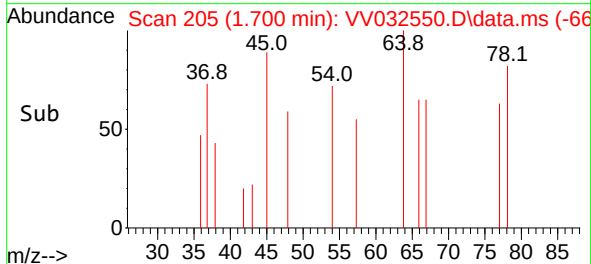
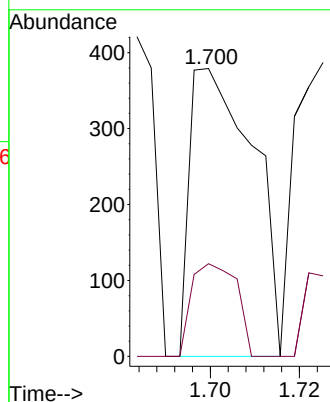
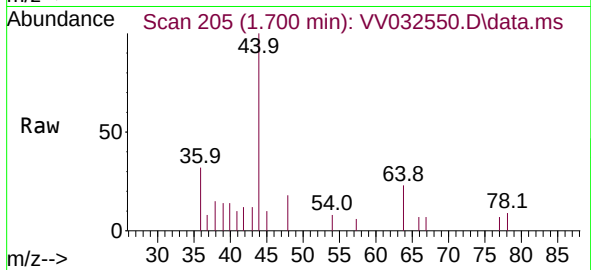




#8
Chloroethane
Concen: 0.161 ug/L
RT: 1.700 min Scan# 205
Delta R.T. 0.148 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

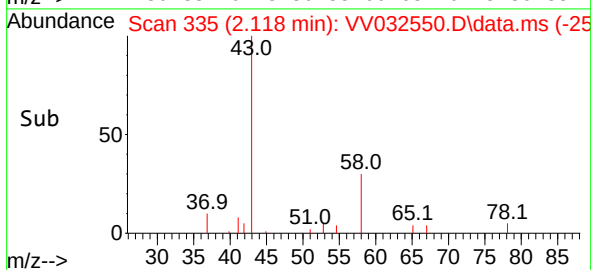
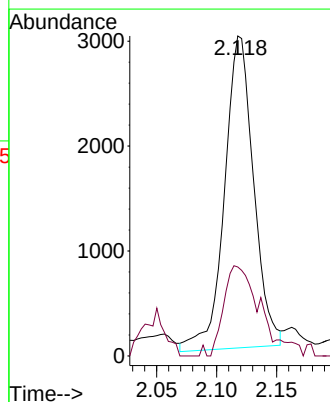
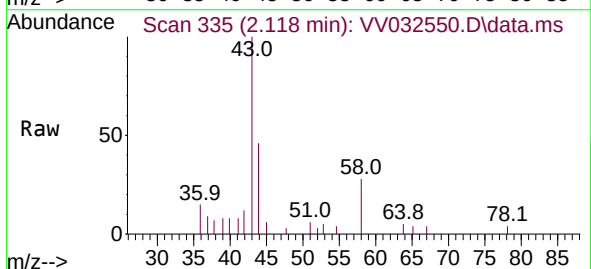
Instrument :
MSVOA_V
ClientSampleId :

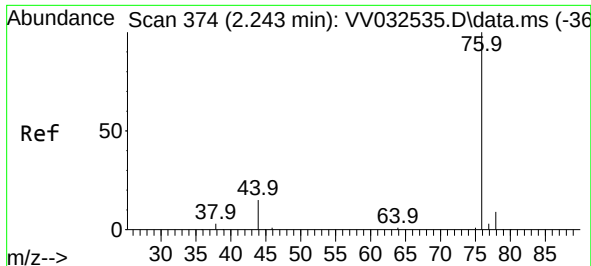
Tgt Ion: 64 Resp: 374
Ion Ratio Lower Upper
64 100
66 32.2 22.6 42.0



#13
Acetone
Concen: 8.835 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.026 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

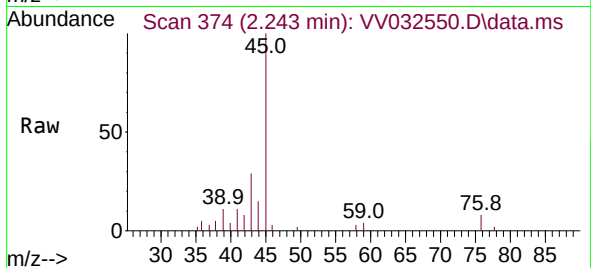
Tgt Ion: 43 Resp: 5031
Ion Ratio Lower Upper
43 100
58 36.3 0.0 66.0



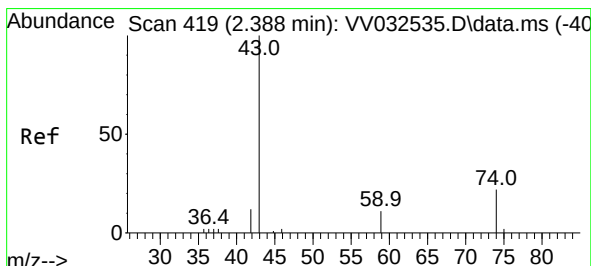
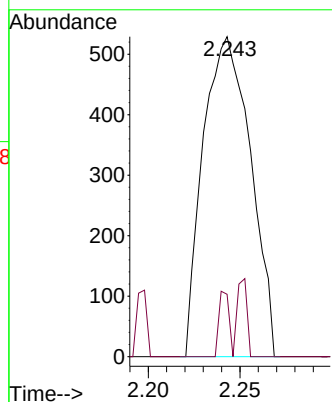
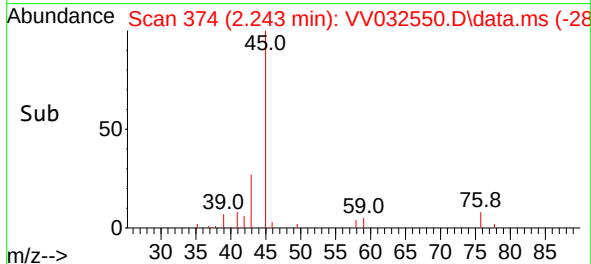


#14
Carbon disulfide
Concen: 0.103 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

Instrument :
MSVOA_V
ClientSampleId :

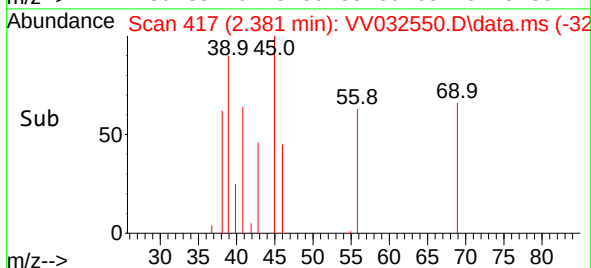
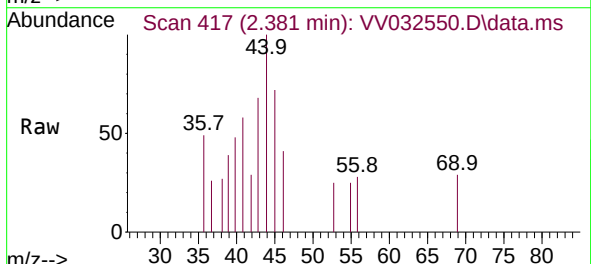


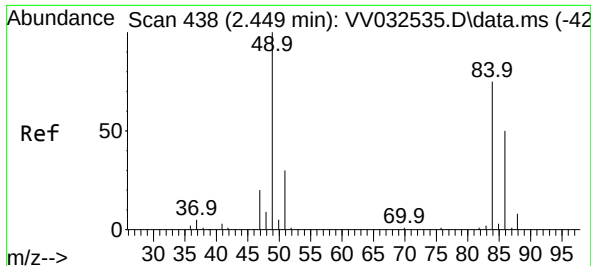
Tgt Ion: 76 Resp: 952
Ion Ratio Lower Upper
76 100
78 19.5 7.4 11.2#



#15
Methyl Acetate
Concen: 0.238 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.006 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

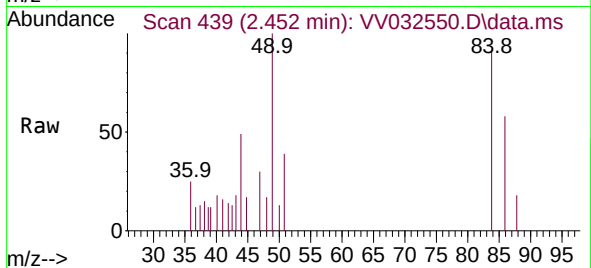
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



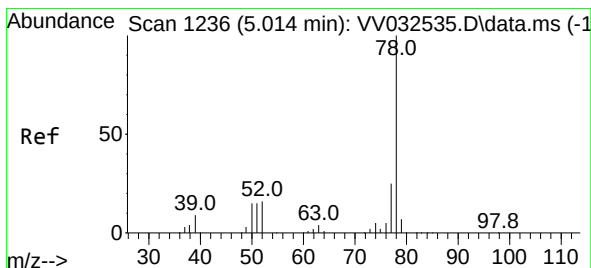
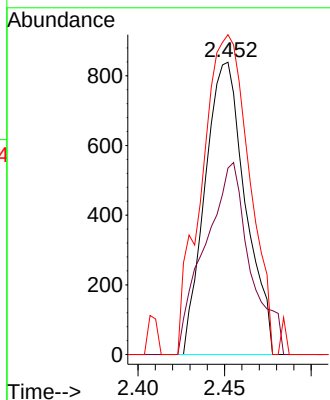
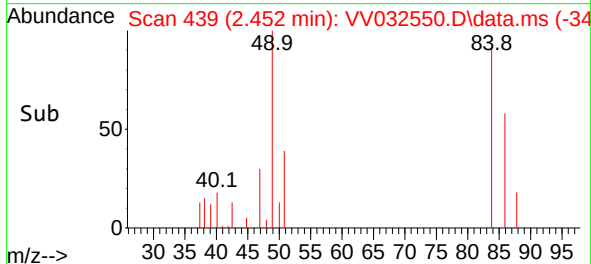


#16
Methylene chloride
Concen: 0.396 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

Instrument :
MSVOA_V
ClientSampleId :

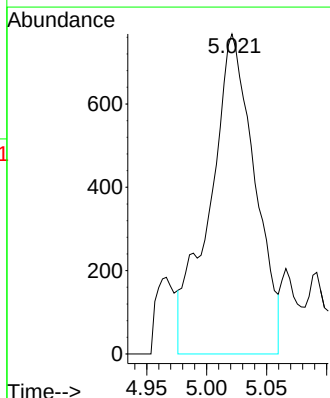
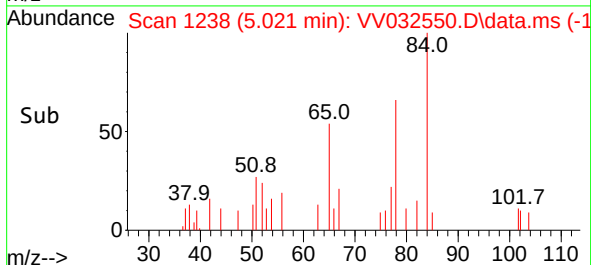
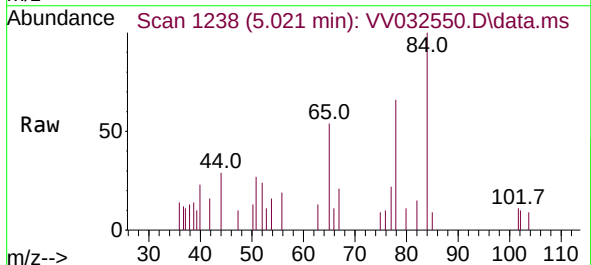


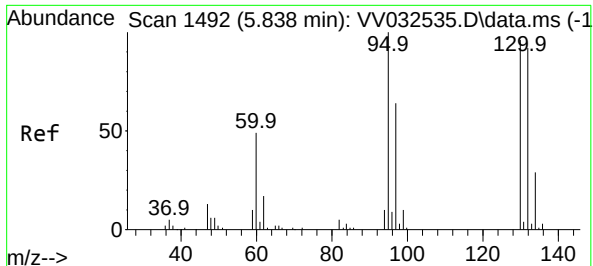
Tgt Ion: 84 Resp: 1360
Ion Ratio Lower Upper
84 100
86 63.8 43.2 80.2
49 109.4 86.3 160.3



#33
Benzene
Concen: 0.128 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.007 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

Tgt Ion: 78 Resp: 2004





#34

Trichloroethene

Concen: 1.161 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.007 min

Lab File: VV032550.D

Acq: 21 Oct 2023 02:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 4947

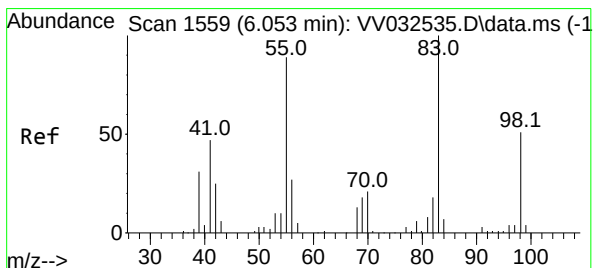
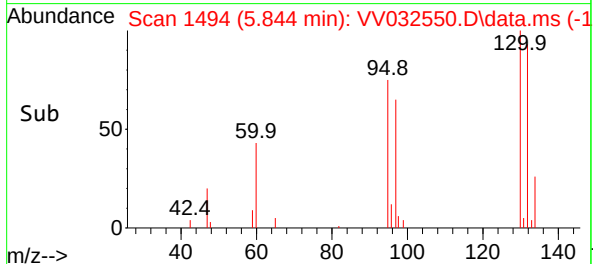
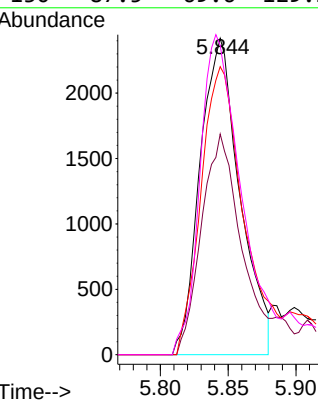
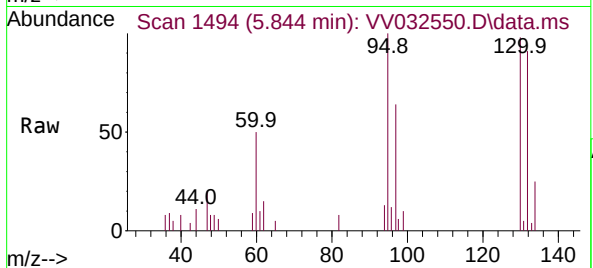
Ion Ratio Lower Upper

95 100

97 62.4 45.7 84.9

132 81.4 70.3 130.5

130 87.5 69.6 129.2



#35

Methylcyclohexane

Concen: 0.104 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. 0.003 min

Lab File: VV032550.D

Acq: 21 Oct 2023 02:21

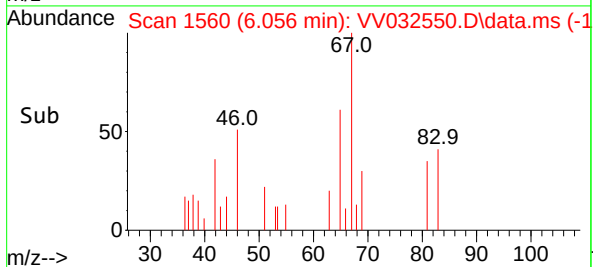
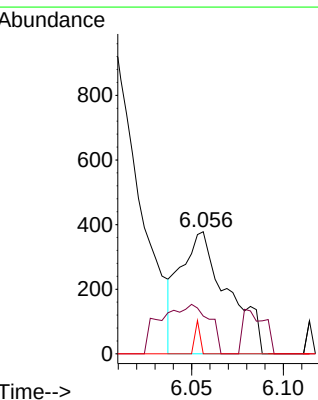
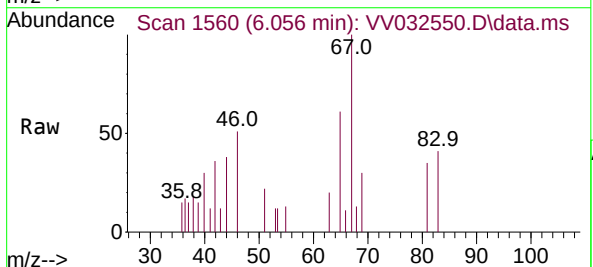
Tgt Ion: 83 Resp: 683

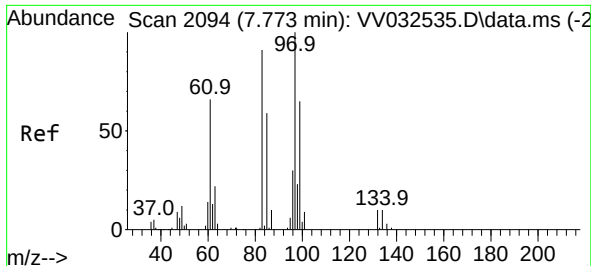
Ion Ratio Lower Upper

83 100

55 41.6 64.2 96.2#

98 2.9 39.6 59.4#

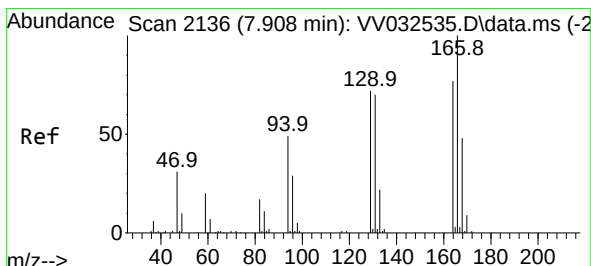
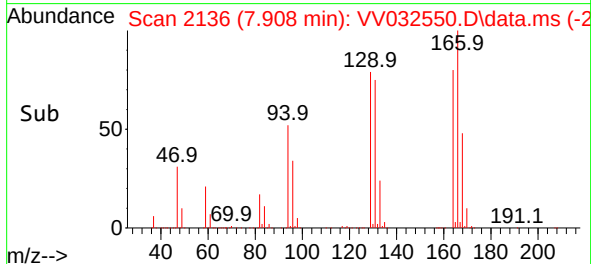
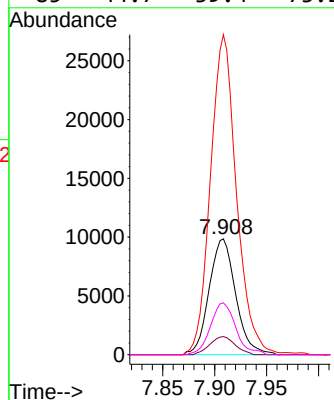
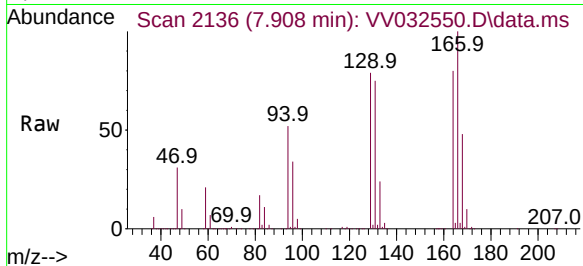




#45
1,1,2-Trichloroethane
Concen: 5.953 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.135 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

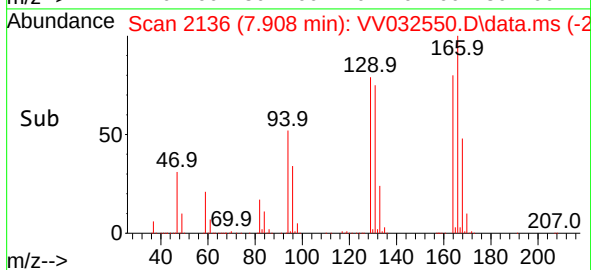
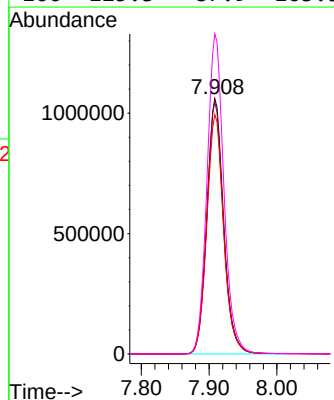
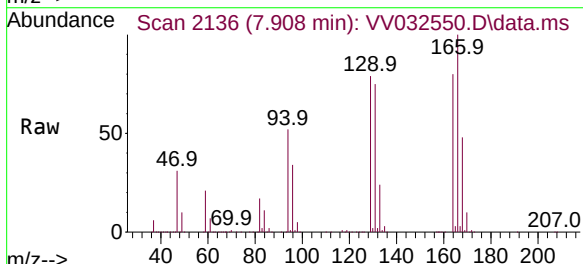
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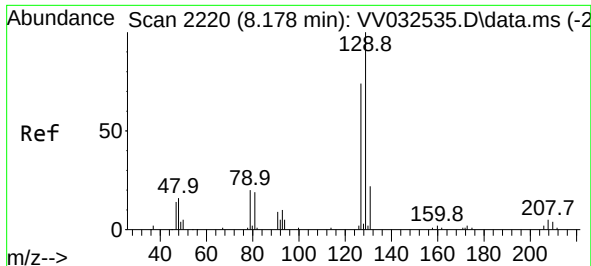
Tgt Ion:	97	Resp:	17524
Ion	Ratio	Lower	Upper
97	100		
99	15.5	42.8	79.4#
83	276.2	60.9	113.1#
85	44.7	39.4	73.2



#47
Tetrachloroethene
Concen: 566.099 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032550.D
Acq: 21 Oct 2023 02:21

Tgt Ion:	164	Resp:	1828712
Ion	Ratio	Lower	Upper
164	100		
129	98.7	66.4	123.4
131	93.7	63.7	118.3
166	125.3	87.9	163.3





#49

Dibromochloromethane

Concen: 569.144 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV032550.D

Acq: 21 Oct 2023 02:21

Instrument :

MSVOA_V

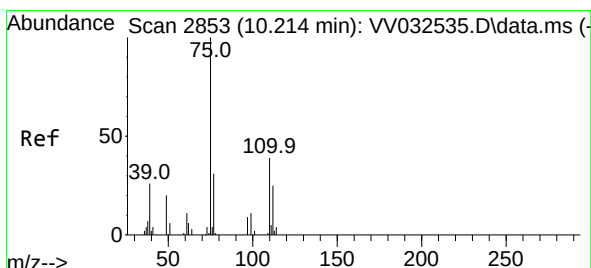
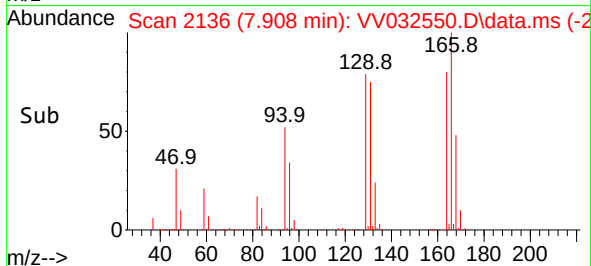
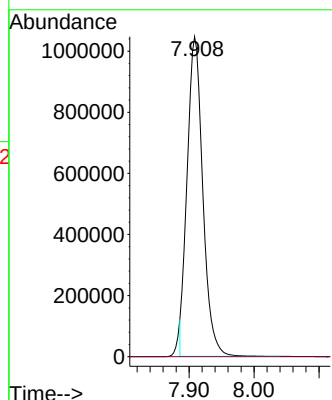
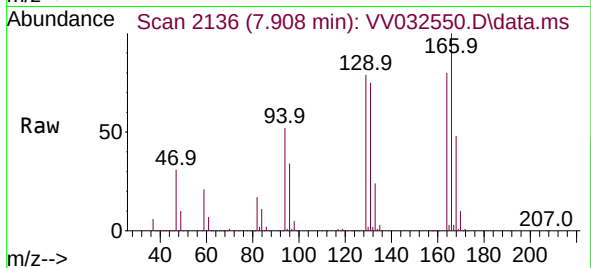
ClientSampleId :

Tgt Ion:129 Resp: 1744316

Ion Ratio Lower Upper

129 100

127 0.0 57.2 106.2#



#61

1,2,3-Trichloropropane

Concen: 0.137 ug/L

RT: 10.326 min Scan# 2888

Delta R.T. 0.113 min

Lab File: VV032550.D

Acq: 21 Oct 2023 02:21

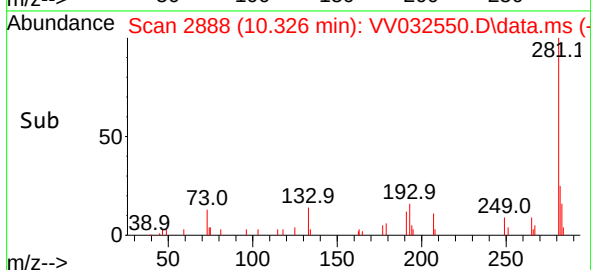
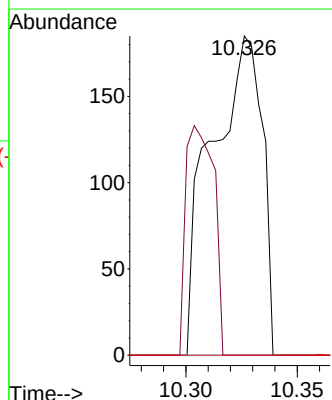
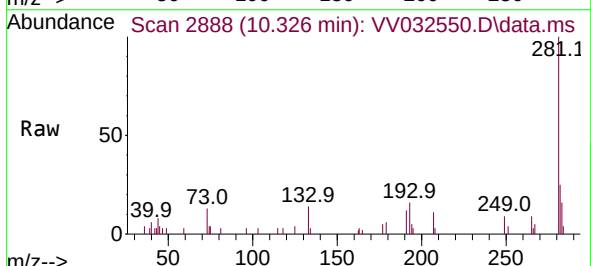
Tgt Ion: 75 Resp: 293

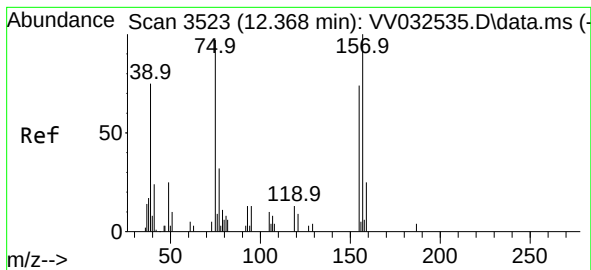
Ion Ratio Lower Upper

75 100

77 39.6 26.2 39.2#

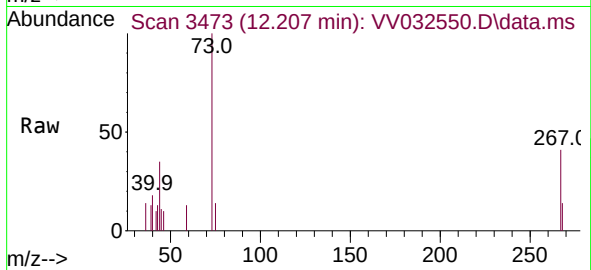
110 0.0 30.6 46.0#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.326 ug/L
 RT: 12.207 min Scan# 34
 Delta R.T. -0.161 min
 Lab File: VV032550.D
 Acq: 21 Oct 2023 02:21

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 142
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.2 105.4#
 157 0.0 90.6 135.8#

