

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032546.D
 Acq On : 21 Oct 2023 00:43
 Operator : SY/MD
 Sample : 04993-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 02:58:38 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)

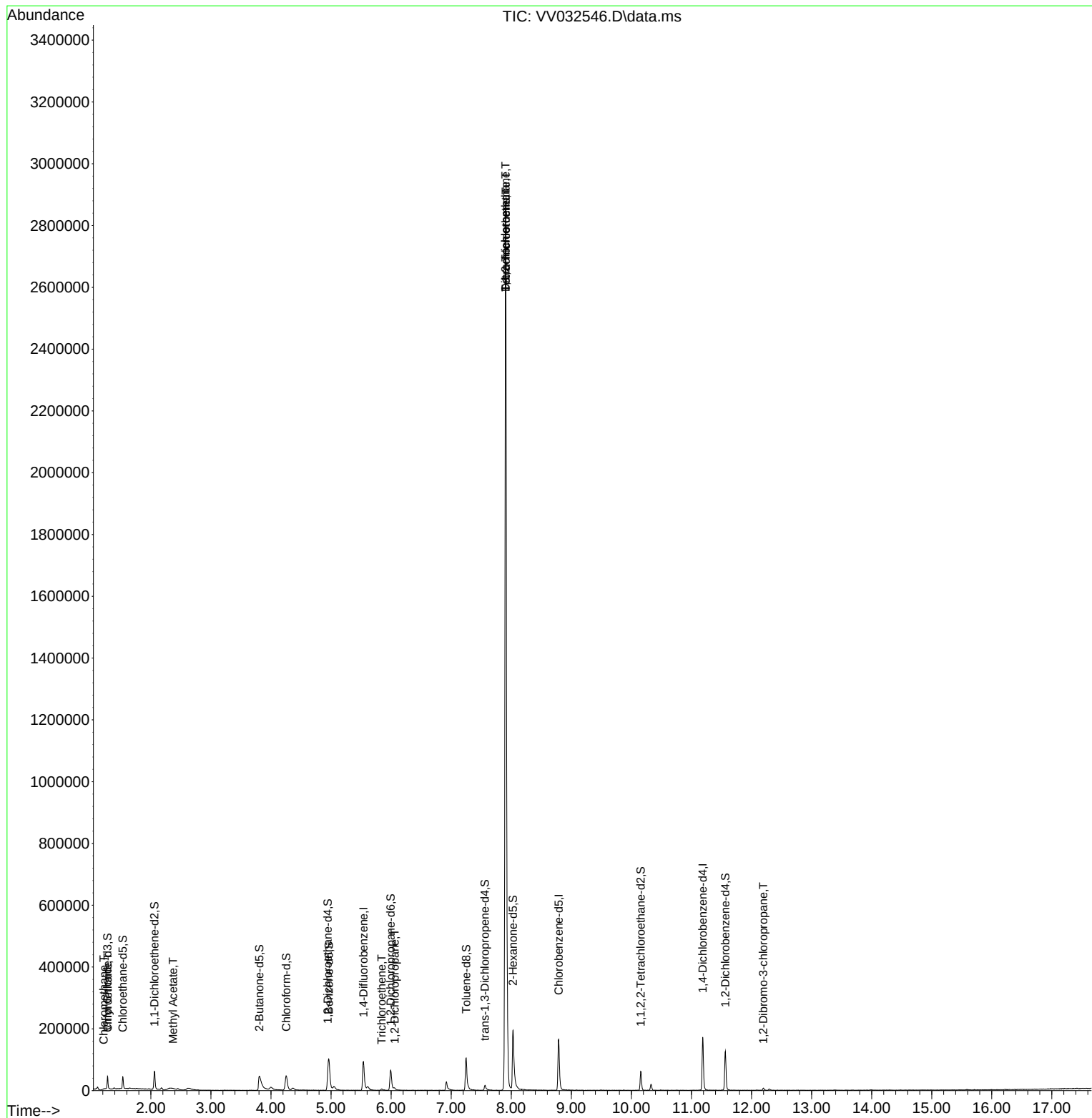
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	79324	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	92541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24314	3.769	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.532	69	24268	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.059	65	10250	3.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.805	46	82583	50.603	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.200%
24) Chloroform-d	4.252	84	50967	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	4.947	65	27204	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	4.963	84	89082	3.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.400%#
36) 1,2-Dichloropropane-d6	5.992	67	31858	3.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.600%
41) Toluene-d8	7.249	98	77547	3.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.200%#
43) trans-1,3-Dichloroprop...	7.561	79	10715	3.352	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.000%
46) 2-Hexanone-d5	8.030	63	70774	47.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.100%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29365	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	31447	3.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
3) Chloromethane	1.217	50	698	0.078	ug/L	83
8) Chloroethane	1.281	64	933	0.182	ug/L	97
15) Methyl Acetate	2.371	43	551	0.195	ug/L #	53
34) Trichloroethene	5.841	95	1428	0.161	ug/L #	67
37) 1,2-Dichloropropane	6.059	63	634	0.073	ug/L #	87
45) 1,1,2-Trichloroethane	7.905	97	6391	1.040	ug/L #	1
47) Tetrachloroethene	7.908	164	650501	96.441	ug/L	99
49) Dibromochloromethane	7.905	129	608877	95.146	ug/L #	8
68) 1,2-Dibromo-3-chloropr...	12.194	75	259	0.278	ug/L #	1

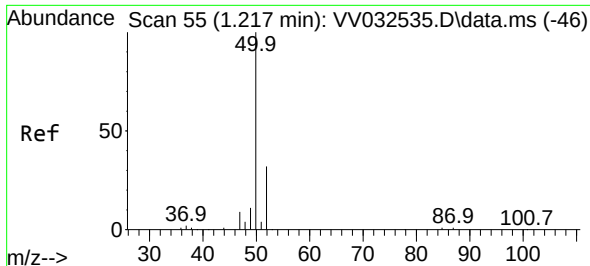
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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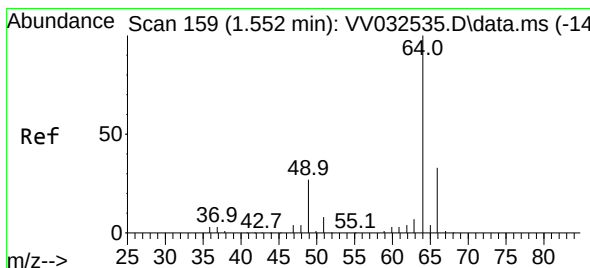
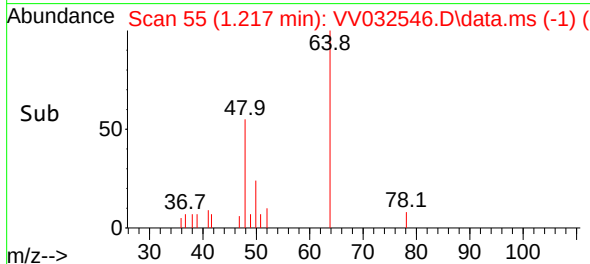
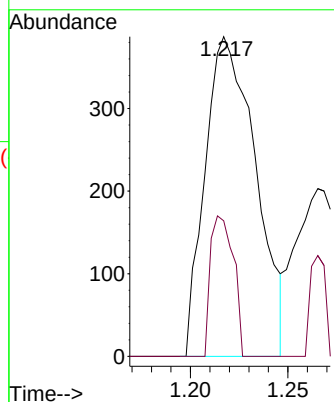
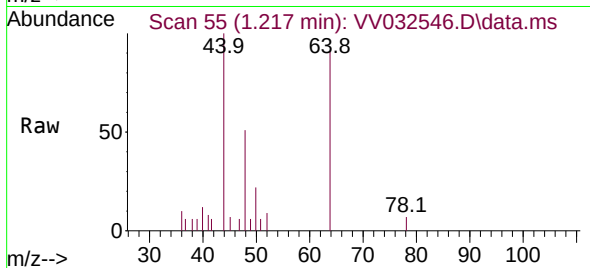




#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV032546.D
Acq: 21 Oct 2023 00:43

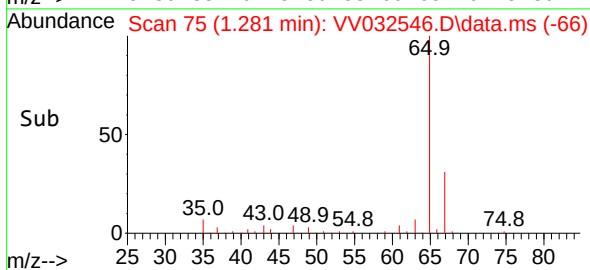
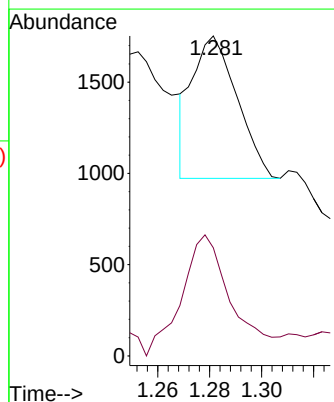
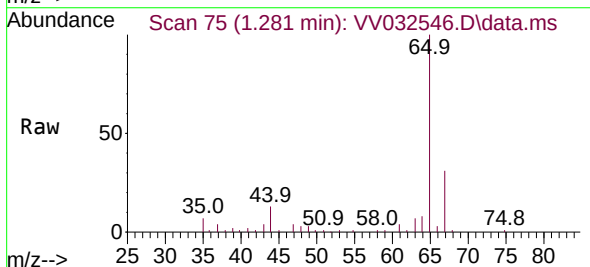
Instrument :
MSVOA_V
ClientSampleId :

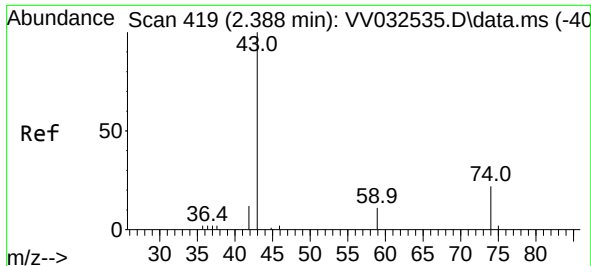
Tgt Ion: 50 Resp: 698
Ion Ratio Lower Upper
50 100
52 42.4 23.0 42.6



#8
Chloroethane
Concen: 0.182 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.270 min
Lab File: VV032546.D
Acq: 21 Oct 2023 00:43

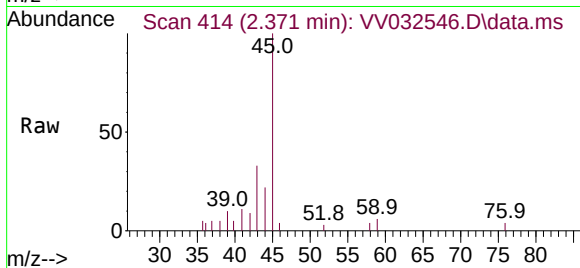
Tgt Ion: 64 Resp: 933
Ion Ratio Lower Upper
64 100
66 33.8 22.6 42.0



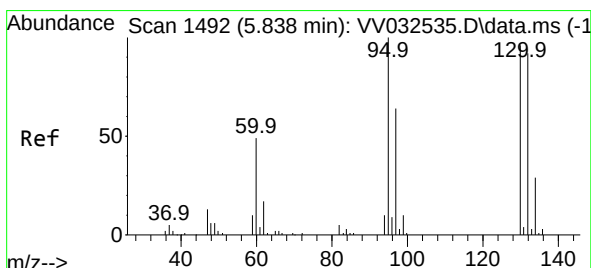
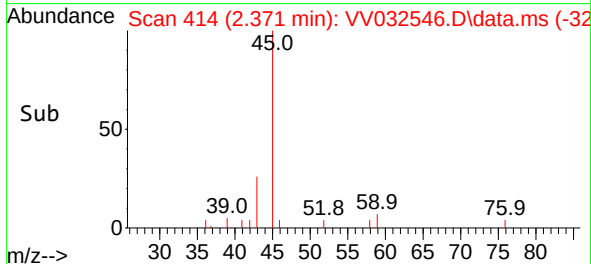
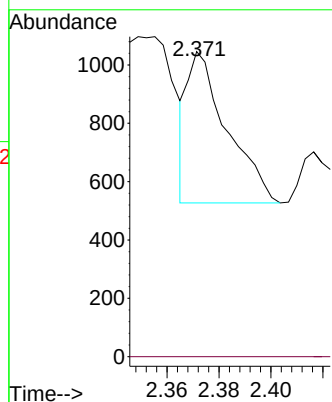


#15
Methyl Acetate
Concen: 0.195 ug/L
RT: 2.371 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV032546.D
Acq: 21 Oct 2023 00:43

Instrument :
MSVOA_V
ClientSampleId :

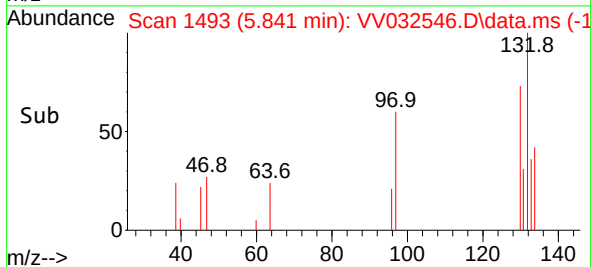
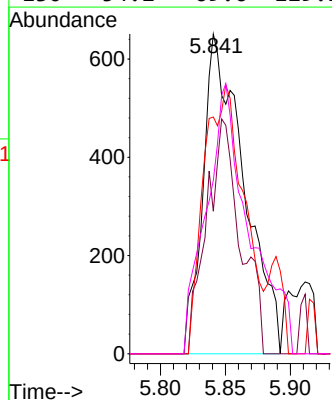
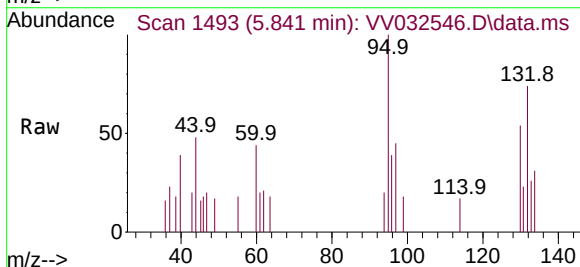


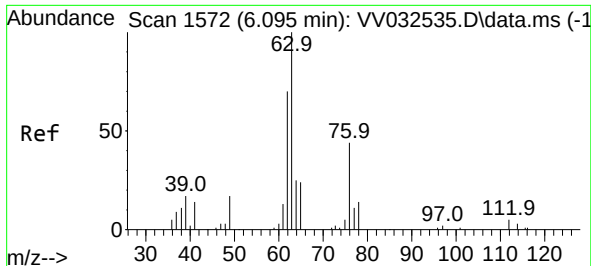
Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#34
Trichloroethene
Concen: 0.161 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV032546.D
Acq: 21 Oct 2023 00:43

Tgt Ion: 95 Resp: 1428
Ion Ratio Lower Upper
95 100
97 44.5 45.7 84.9#
132 74.0 70.3 130.5
130 54.2 69.6 129.2#





#37

1,2-Dichloropropane

Concen: 0.073 ug/L

RT: 6.059 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV032546.D

Acq: 21 Oct 2023 00:43

Instrument :

MSVOA_V

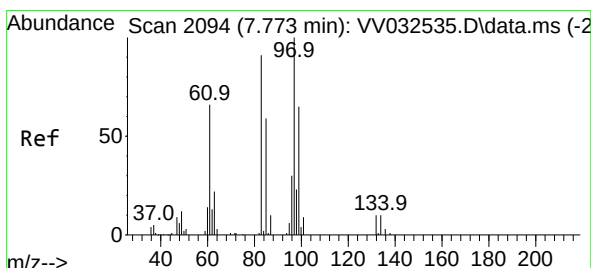
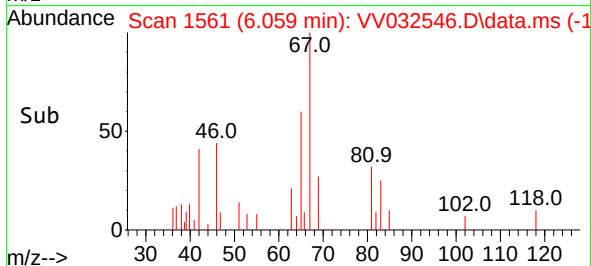
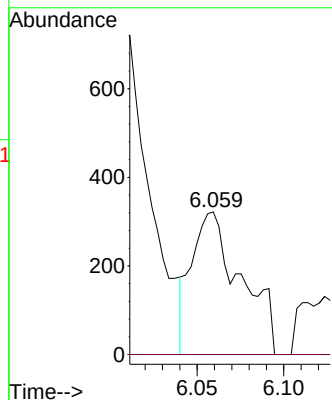
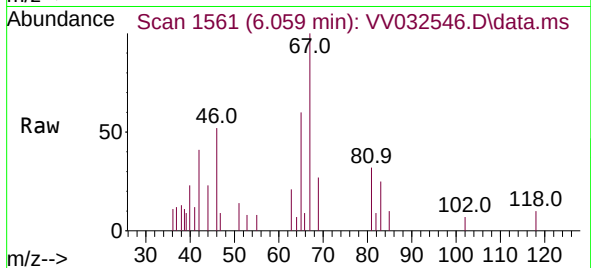
ClientSampleId :

Tgt Ion: 63 Resp: 634

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#45

1,1,2-Trichloroethane

Concen: 1.040 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.132 min

Lab File: VV032546.D

Acq: 21 Oct 2023 00:43

Tgt Ion: 97 Resp: 6391

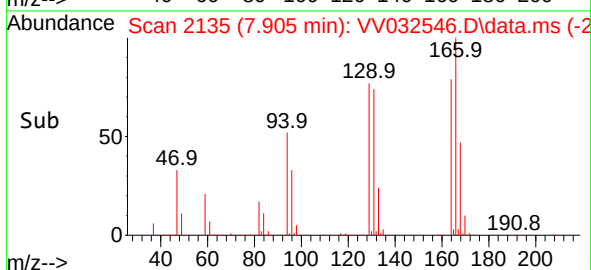
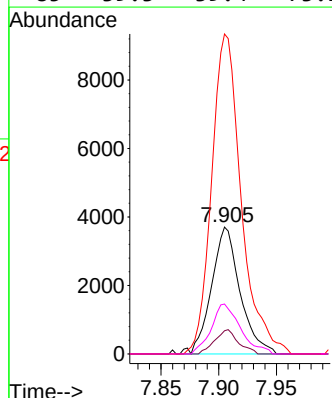
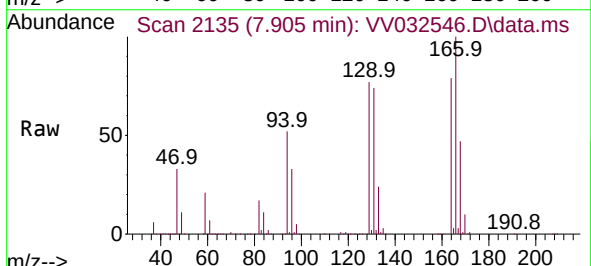
Ion Ratio Lower Upper

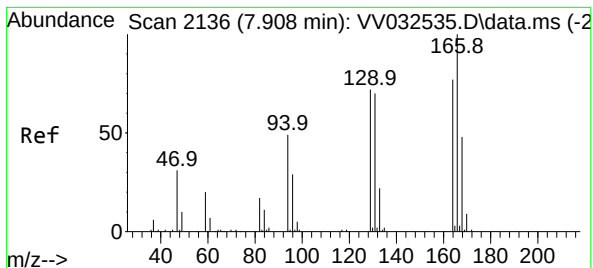
97 100

99 18.3 42.8 79.4#

83 252.0 60.9 113.1#

85 39.3 39.4 73.2#





#47

Tetrachloroethene

Concen: 96.441 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.000 min

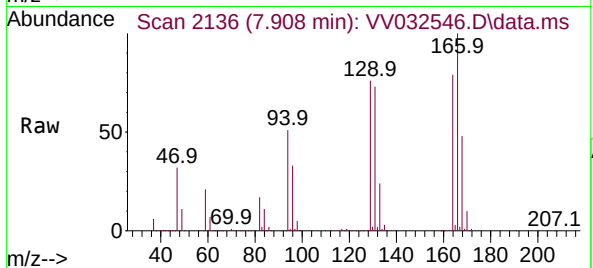
Lab File: VV032546.D

Acq: 21 Oct 2023 00:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 650501

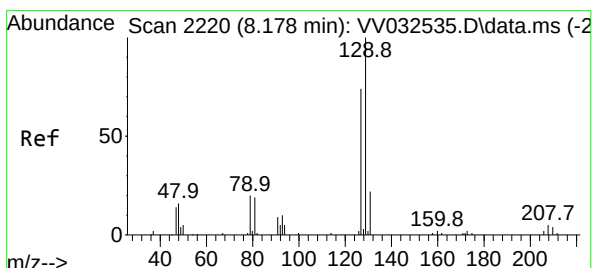
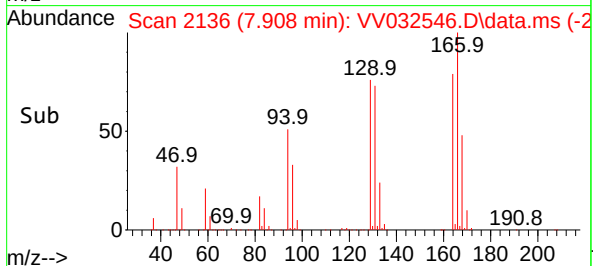
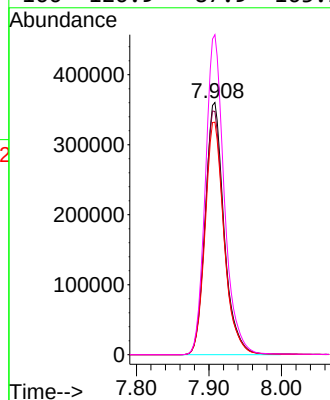
Ion Ratio Lower Upper

164 100

129 96.4 66.4 123.4

131 92.2 63.7 118.3

166 126.9 87.9 163.3



#49

Dibromochloromethane

Concen: 95.146 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.273 min

Lab File: VV032546.D

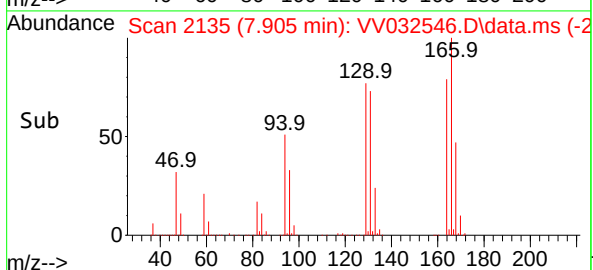
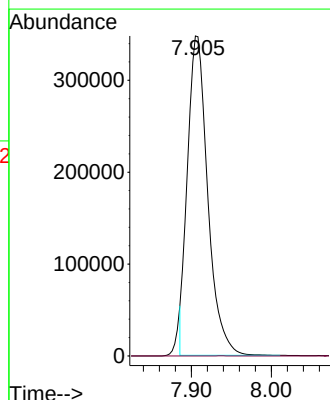
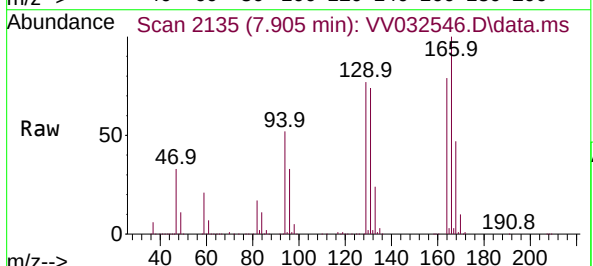
Acq: 21 Oct 2023 00:43

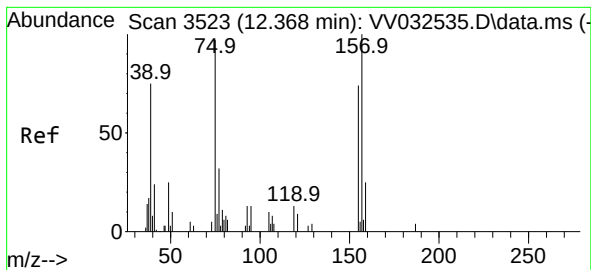
Tgt Ion:129 Resp: 608877

Ion Ratio Lower Upper

129 100

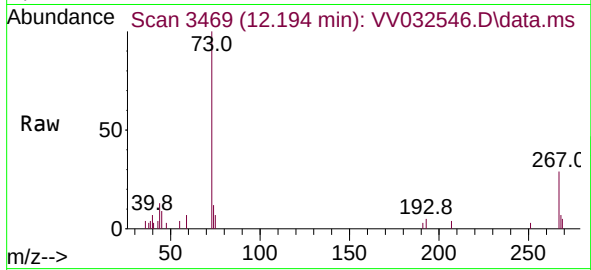
127 0.0 57.2 106.2#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.278 ug/L
RT: 12.194 min Scan# 34
Delta R.T. -0.174 min
Lab File: VV032546.D
Acq: 21 Oct 2023 00:43

Instrument :
MSVOA_V
ClientSampleId :



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

