

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031892.D
 Acq On : 24 Aug 2023 02:21
 Operator : SY/MD
 Sample : 04115-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 05:02:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

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

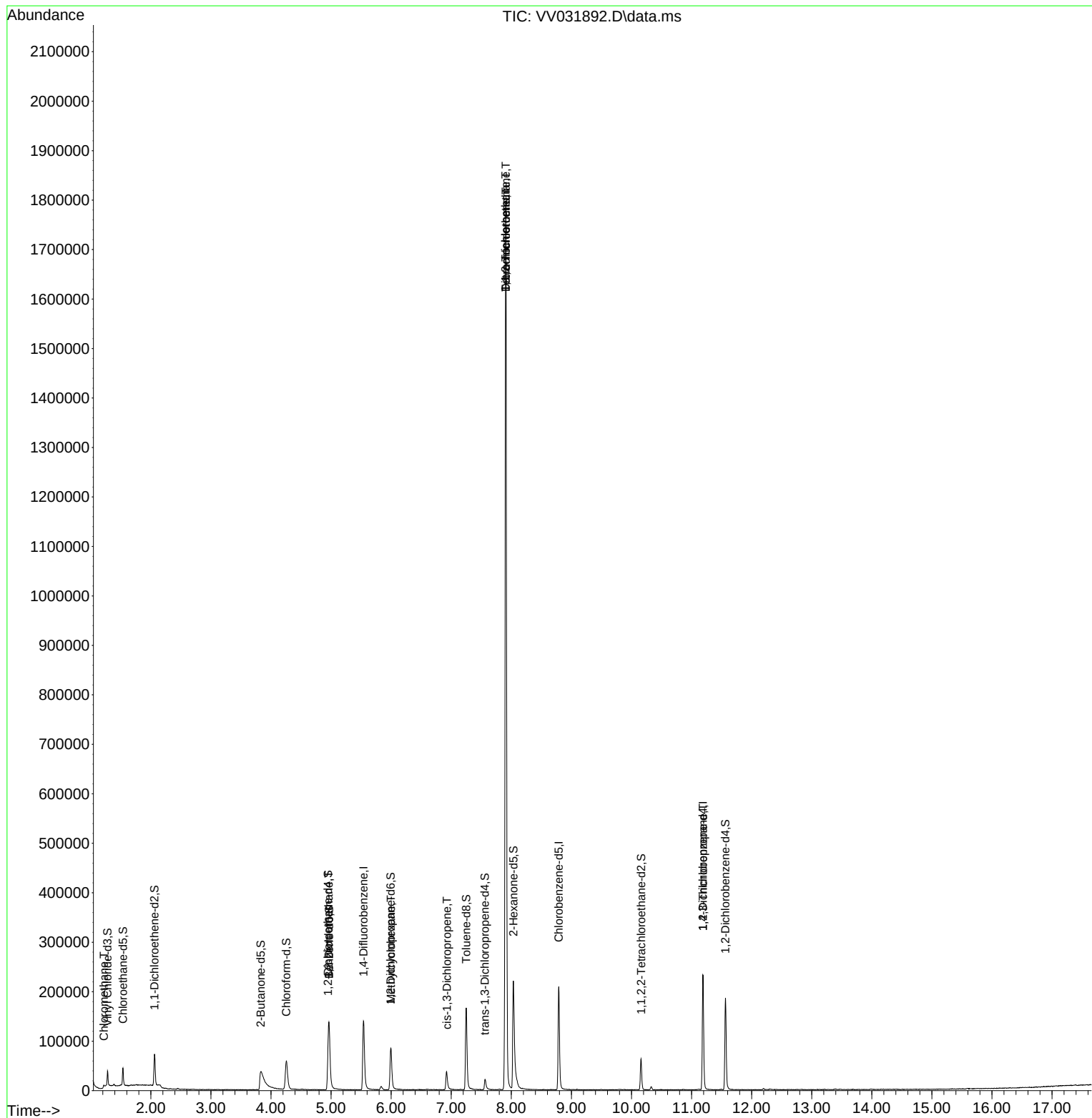
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	122967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	113230	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58895	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19106	4.600	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.535	69	22395	4.707	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.059	65	11189	4.578	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	3.831	46	113245	56.328	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.660%	
24) Chloroform-d	4.256	84	62923	4.477	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	4.950	65	34354	4.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	4.966	84	127917	4.965	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	5.992	67	43154	4.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.249	98	112026	4.686	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	7.561	79	14435	4.357	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.034	63	87624	49.604	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.200%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31188	4.784	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	44918	4.710	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1944	0.258	ug/L	85
27) 1,2-Dichloroethane	4.960	62	810	0.103	ug/L #	75
35) Methylcyclohexane	5.995	83	10592	0.955	ug/L #	21
39) cis-1,3-Dichloropropene	6.927	75	1119	0.102	ug/L	84
45) 1,1,2-Trichloroethane	7.905	97	3841	0.747	ug/L #	1
47) Tetrachloroethene	7.908	164	382014	78.444	ug/L	98
49) Dibromochloromethane	7.908	129	356856	66.576	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	8092	1.865	ug/L #	68

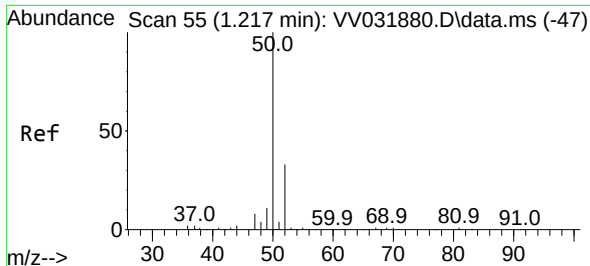
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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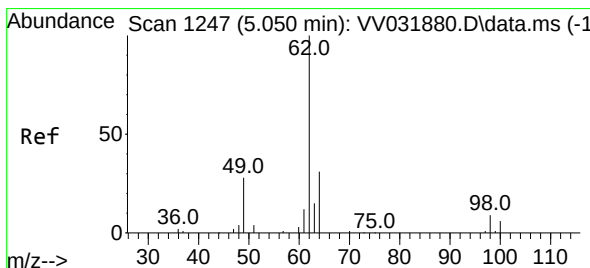
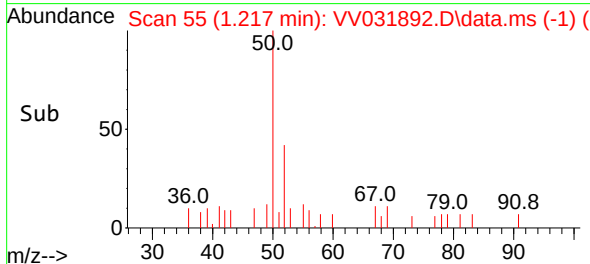
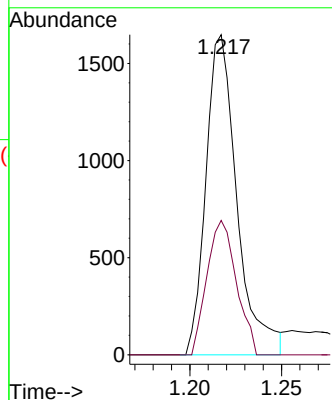
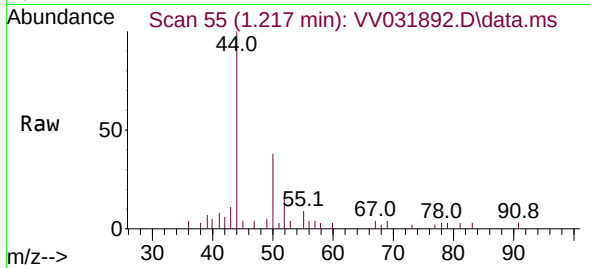




#3
Chloromethane
Concen: 0.258 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031892.D
Acq: 24 Aug 2023 02:21

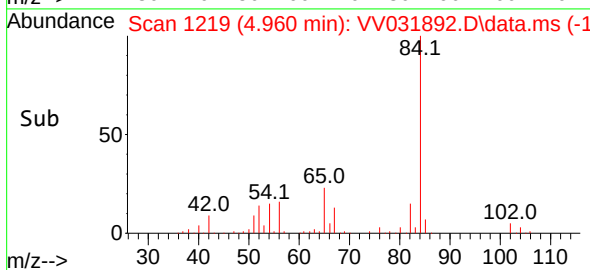
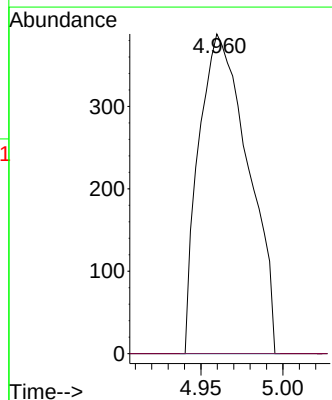
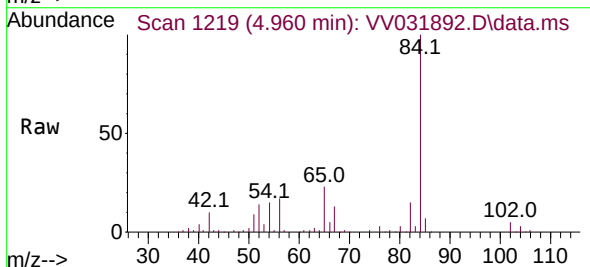
Instrument :
MSVOA_V
ClientSampleId :

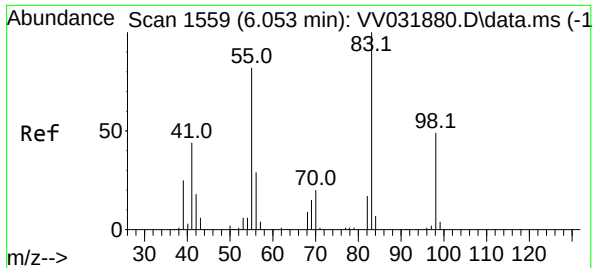
Tgt Ion: 50 Resp: 1944
Ion Ratio Lower Upper
50 100
52 42.0 23.3 43.3



#27
1,2-Dichloroethane
Concen: 0.103 ug/L
RT: 4.960 min Scan# 1219
Delta R.T. -0.090 min
Lab File: VV031892.D
Acq: 24 Aug 2023 02:21

Tgt Ion: 62 Resp: 810
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#35

Methylcyclohexane

Concen: 0.955 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV031892.D

Acq: 24 Aug 2023 02:21

Instrument :

MSVOA_V

ClientSampleId :

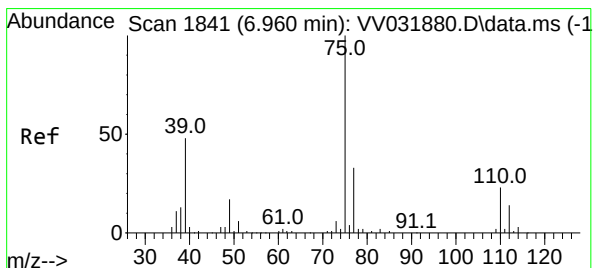
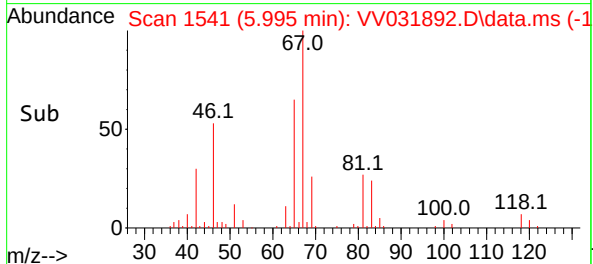
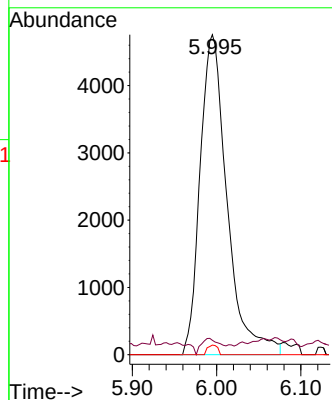
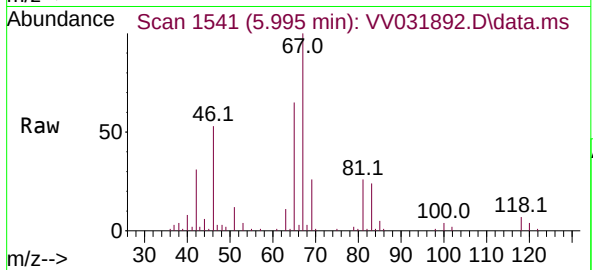
Tgt Ion: 83 Resp: 10592

Ion Ratio Lower Upper

83 100

55 3.6 62.6 94.0#

98 1.1 37.8 56.8#



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.927 min Scan# 1831

Delta R.T. -0.032 min

Lab File: VV031892.D

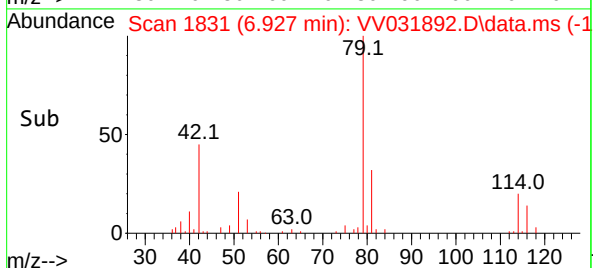
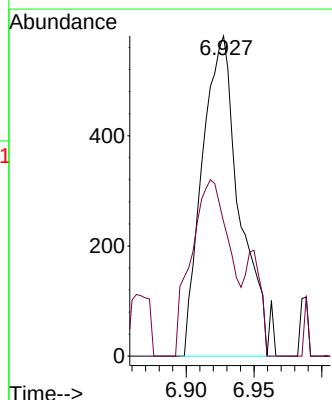
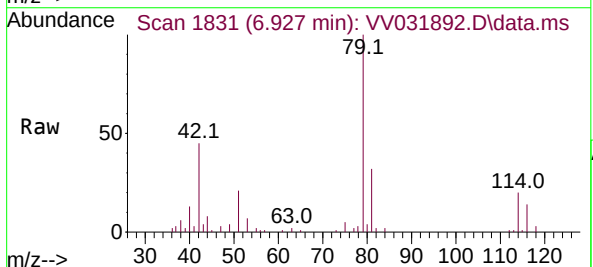
Acq: 24 Aug 2023 02:21

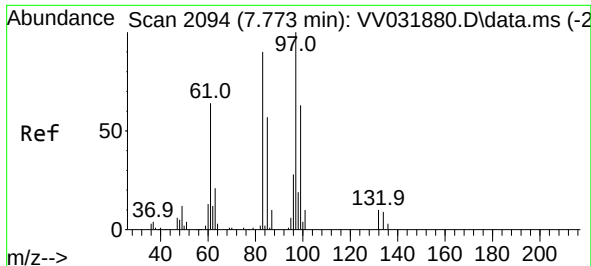
Tgt Ion: 75 Resp: 1119

Ion Ratio Lower Upper

75 100

77 42.0 23.2 43.2

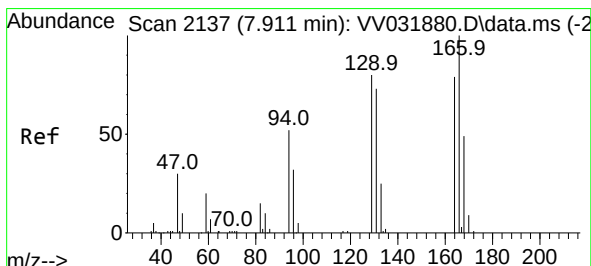
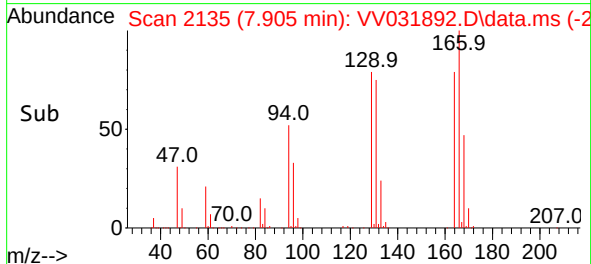
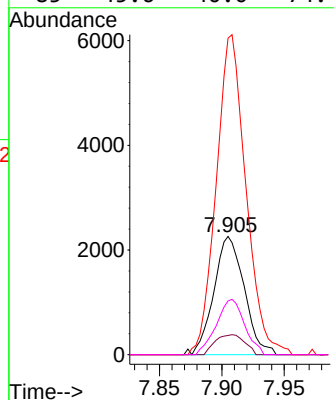
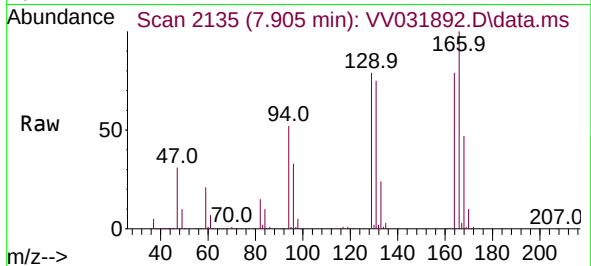




#45
1,1,2-Trichloroethane
Concen: 0.747 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.132 min
Lab File: VV031892.D
Acq: 24 Aug 2023 02:21

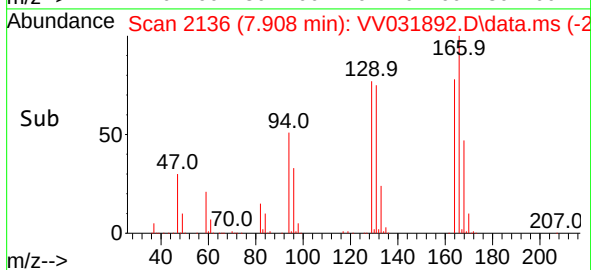
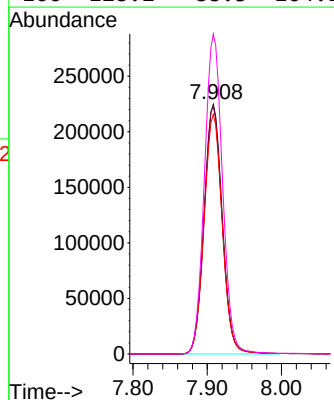
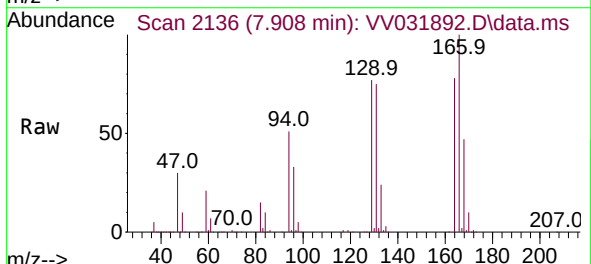
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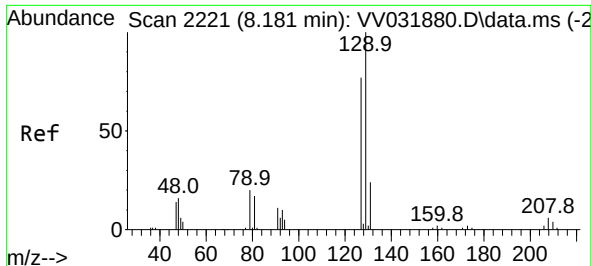
Tgt Ion:	97	Resp:	3841
Ion	Ratio	Lower	Upper
97	100		
99	16.3	44.3	82.3#
83	267.6	62.7	116.5#
85	45.6	40.0	74.4



#47
Tetrachloroethene
Concen: 78.444 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031892.D
Acq: 24 Aug 2023 02:21

Tgt Ion:	164	Resp:	382014
Ion	Ratio	Lower	Upper
164	100		
129	99.3	70.6	131.2
131	96.0	64.6	120.0
166	128.2	88.3	164.1

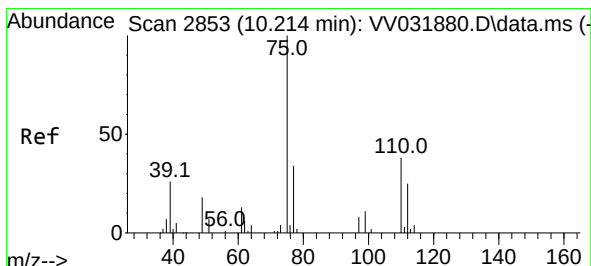
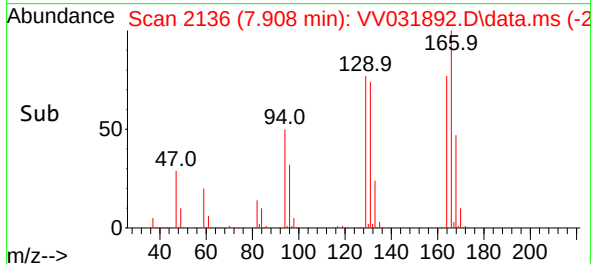
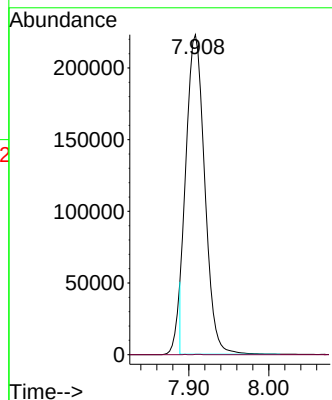
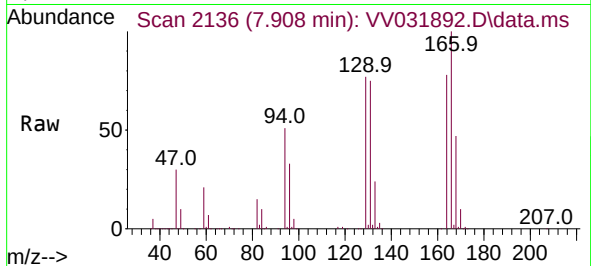




#49
Dibromochloromethane
Concen: 66.576 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.273 min
Lab File: VV031892.D
Acq: 24 Aug 2023 02:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 356856
Ion Ratio Lower Upper
129 100
127 0.1 53.7 99.7#



#61
1,2,3-Trichloropropane
Concen: 1.865 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV031892.D
Acq: 24 Aug 2023 02:21

Tgt Ion: 75 Resp: 8092
Ion Ratio Lower Upper
75 100
77 33.4 28.8 43.2
110 2.8 30.2 45.2#

