

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031889.D
 Acq On : 24 Aug 2023 01:09
 Operator : SY/MD
 Sample : 04115-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 05:02:06 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)

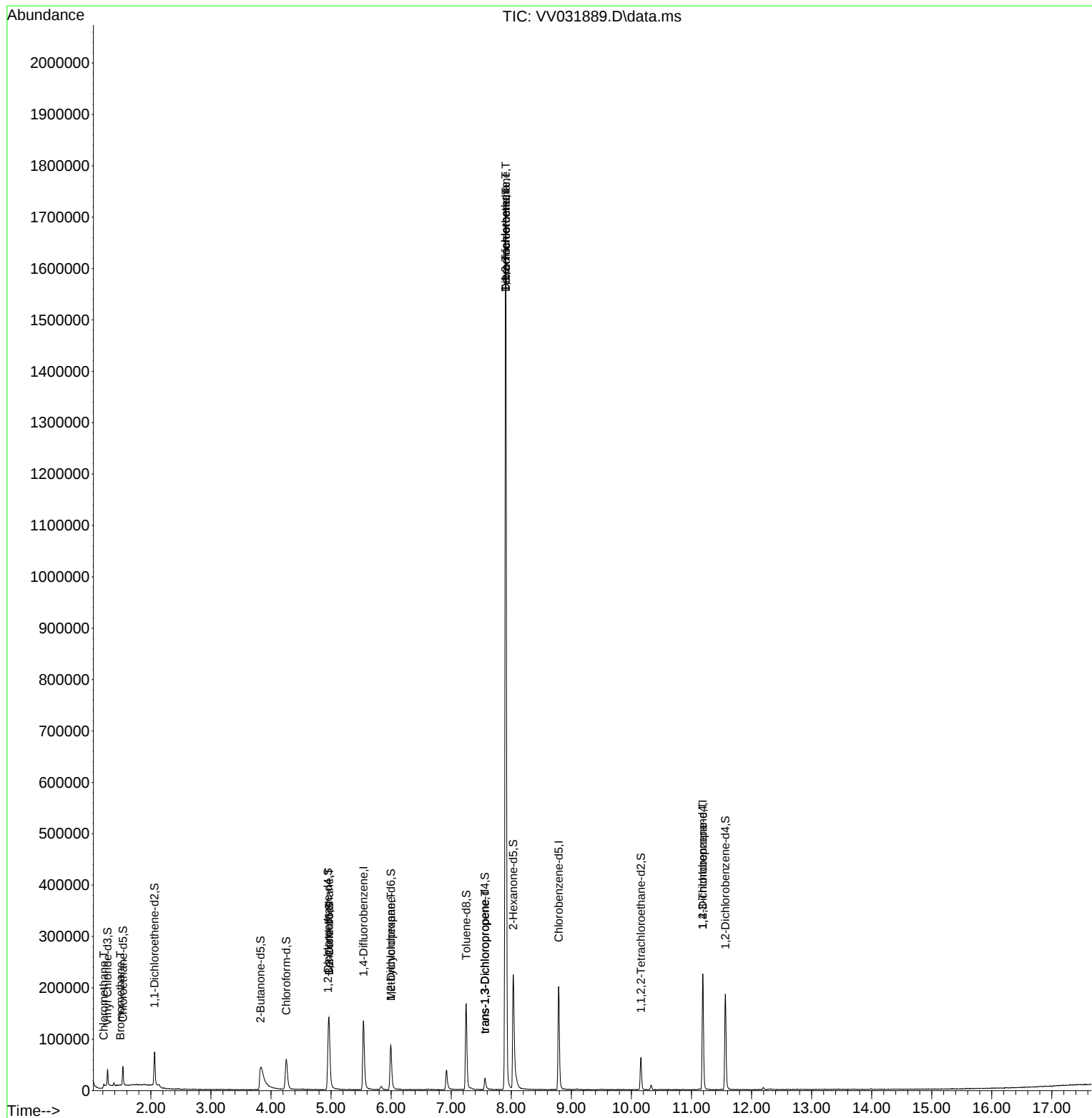
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	117323	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19087	4.817	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.536	69	22846	5.033	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.600%	
11) 1,1-Dichloroethene-d2	2.060	65	11648	4.995	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	3.828	46	116612	60.793	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.580%	
24) Chloroform-d	4.256	84	64120	4.781	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	4.950	65	33817	4.894	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	4.966	84	126708	5.169	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.400%	
36) 1,2-Dichloropropane-d6	5.995	67	43556	5.039	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.249	98	114361	5.028	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
43) trans-1,3-Dichloroprop...	7.561	79	14799	4.695	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.034	63	89223	53.094	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.180%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31622	5.099	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	45433	4.952	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2825	0.393	ug/L	97
6) Bromomethane	1.494	94	403	0.088	ug/L	98
27) 1,2-Dichloroethane	4.966	62	774	0.103	ug/L #	75
35) Methylcyclohexane	5.995	83	10230	0.969	ug/L #	18
44) trans-1,3-Dichloropropene	7.564	75	713	0.082	ug/L #	57
45) 1,1,2-Trichloroethane	7.905	97	3838	0.784	ug/L #	1
47) Tetrachloroethene	7.908	164	371187	80.120	ug/L	99
49) Dibromochloromethane	7.908	129	345552	67.765	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	7744	1.856	ug/L #	68

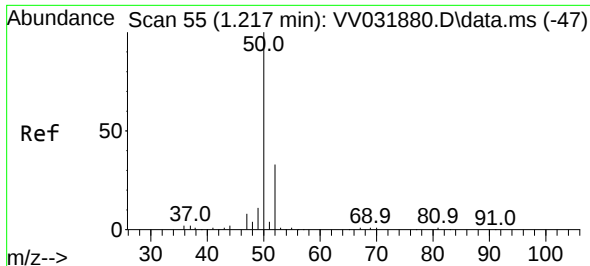
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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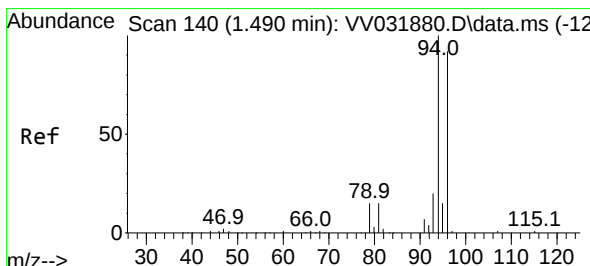
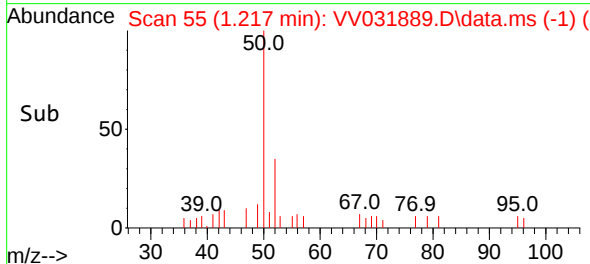
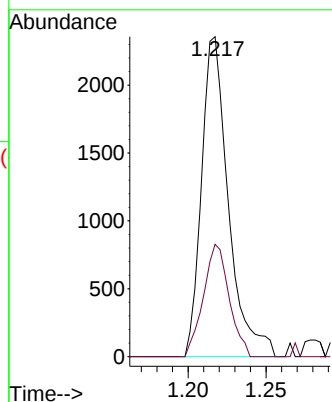
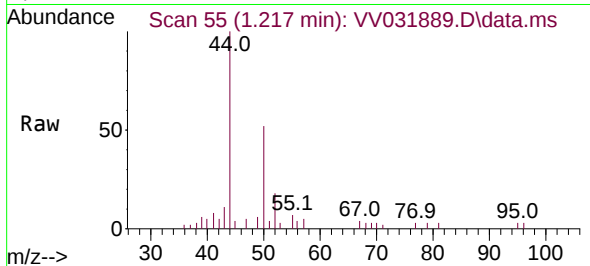




#3
Chloromethane
Concen: 0.393 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031889.D
Acq: 24 Aug 2023 01:09

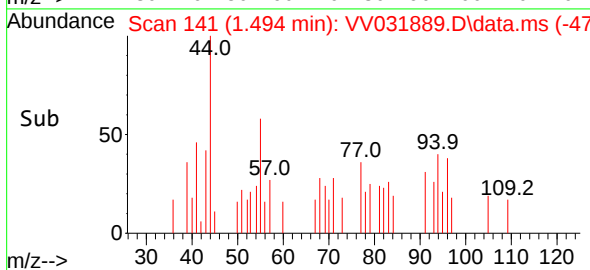
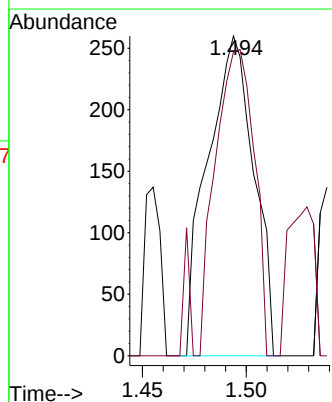
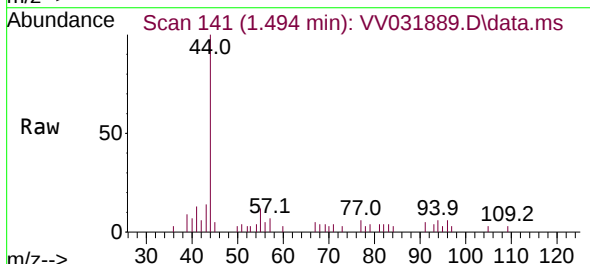
Instrument :
MSVOA_V
ClientSampleId :

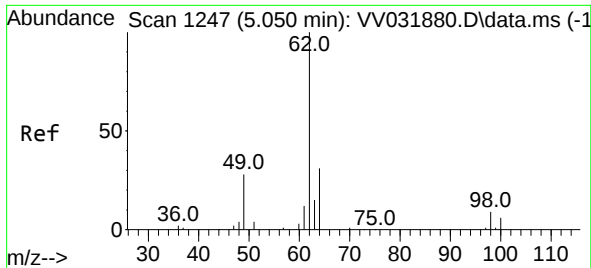
Tgt Ion: 50 Resp: 2825
Ion Ratio Lower Upper
50 100
52 35.1 23.3 43.3



#6
Bromomethane
Concen: 0.088 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031889.D
Acq: 24 Aug 2023 01:09

Tgt Ion: 94 Resp: 403
Ion Ratio Lower Upper
94 100
96 95.0 65.0 120.8





#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 4.966 min Scan# 1541

Delta R.T. -0.083 min

Lab File: VV031889.D

Acq: 24 Aug 2023 01:09

Instrument :

MSVOA_V

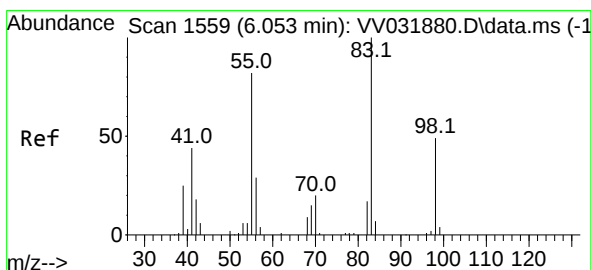
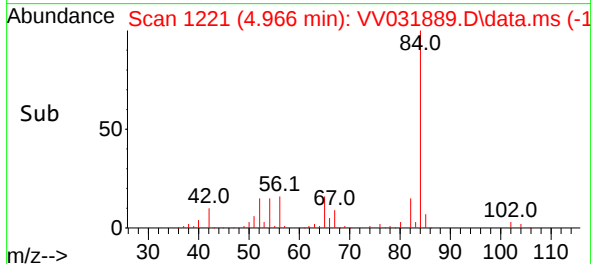
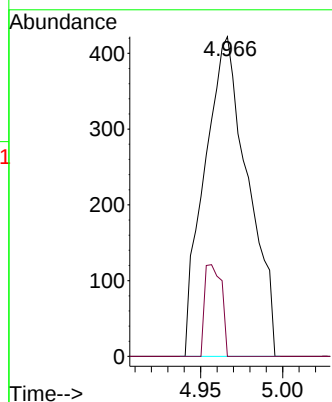
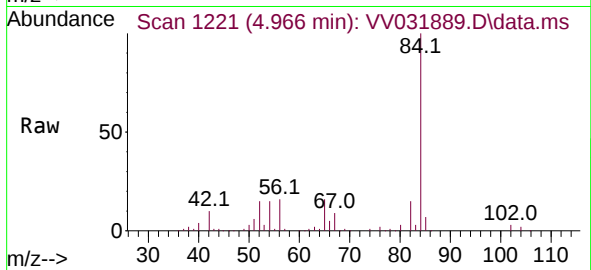
ClientSampleId :

Tgt Ion: 62 Resp: 774

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#35

Methylcyclohexane

Concen: 0.969 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031889.D

Acq: 24 Aug 2023 01:09

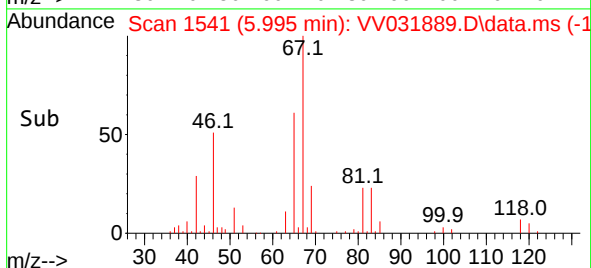
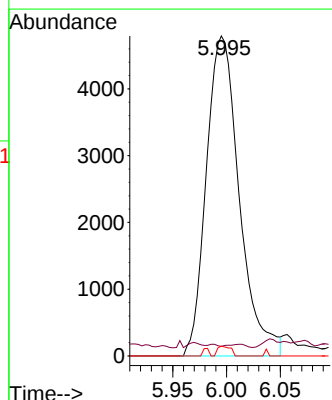
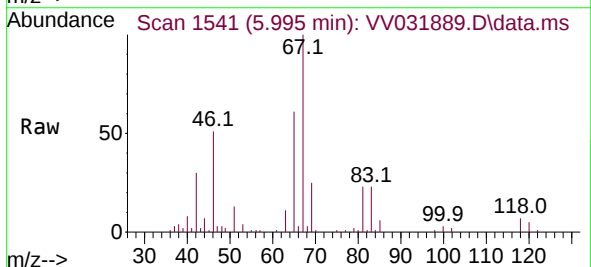
Tgt Ion: 83 Resp: 10230

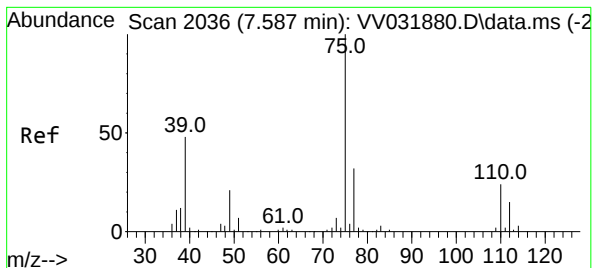
Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

98 1.2 37.8 56.8#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.564 min Scan# 2135

Delta R.T. -0.022 min

Lab File: VV031889.D

Acq: 24 Aug 2023 01:09

Instrument :

MSVOA_V

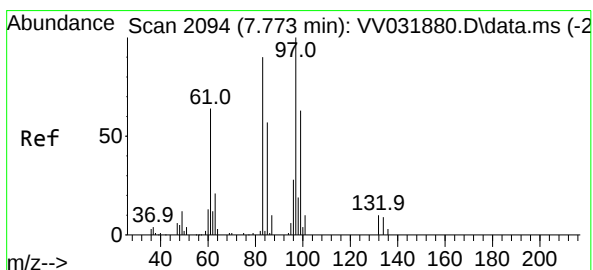
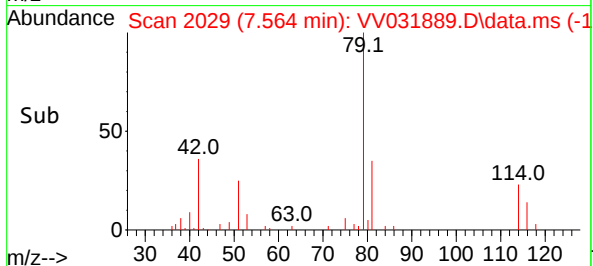
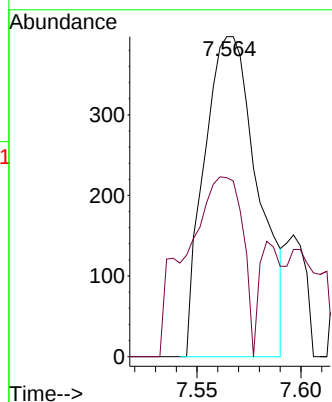
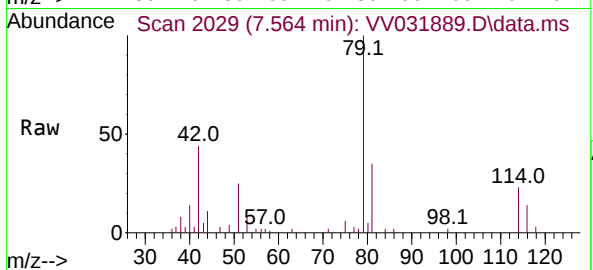
ClientSampleId :

Tgt Ion: 75 Resp: 713

Ion Ratio Lower Upper

75 100

77 55.9 22.4 41.6#



#45

1,1,2-Trichloroethane

Concen: 0.784 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.132 min

Lab File: VV031889.D

Acq: 24 Aug 2023 01:09

Tgt Ion: 97 Resp: 3838

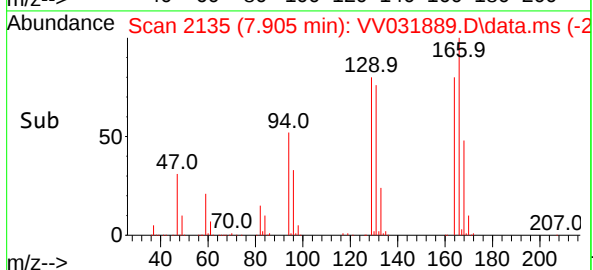
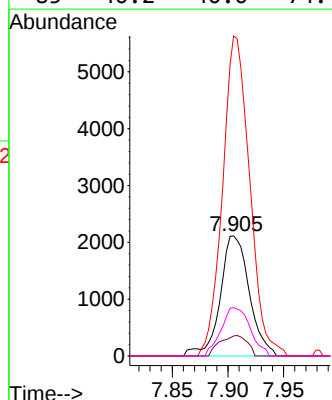
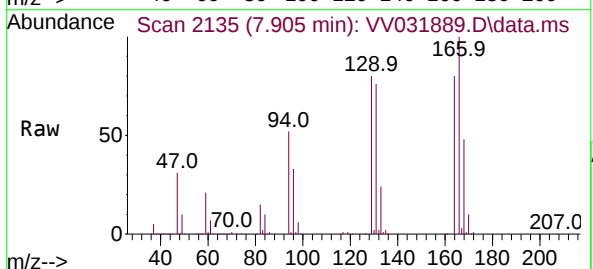
Ion Ratio Lower Upper

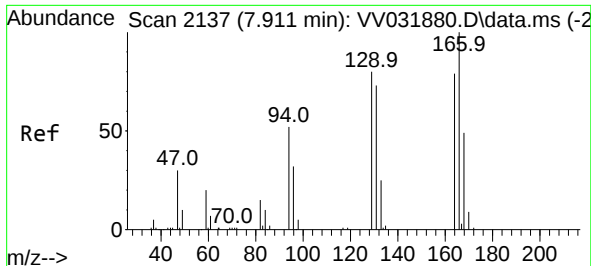
97 100

99 16.6 44.3 82.3#

83 266.5 62.7 116.5#

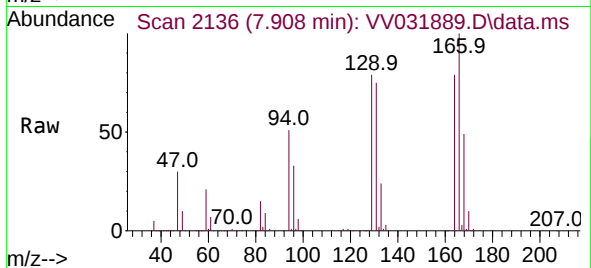
85 40.2 40.0 74.4



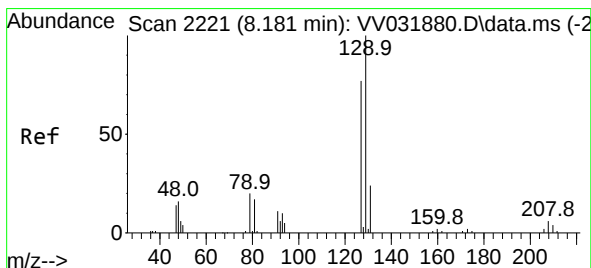
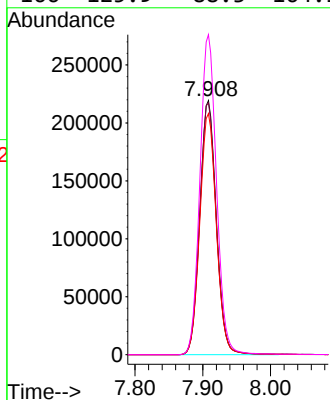
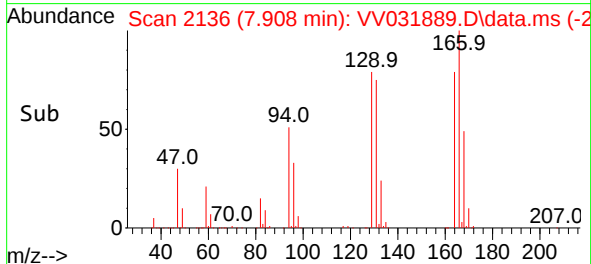


#47
Tetrachloroethene
Concen: 80.120 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031889.D
Acq: 24 Aug 2023 01:09

Instrument :
MSVOA_V
ClientSampleId :

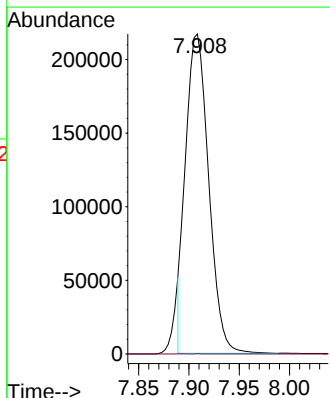
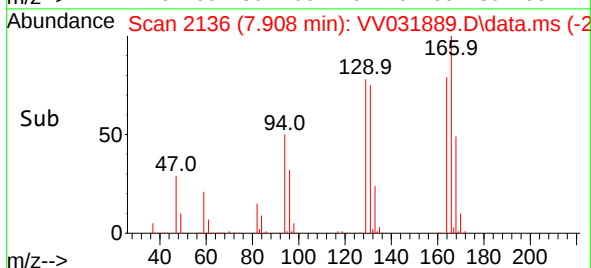
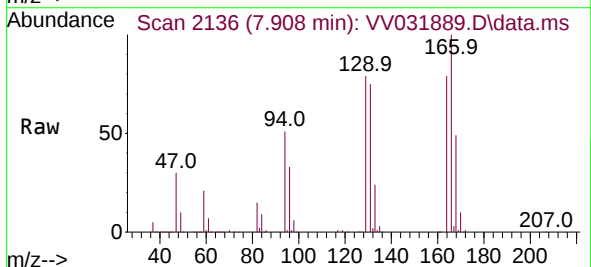


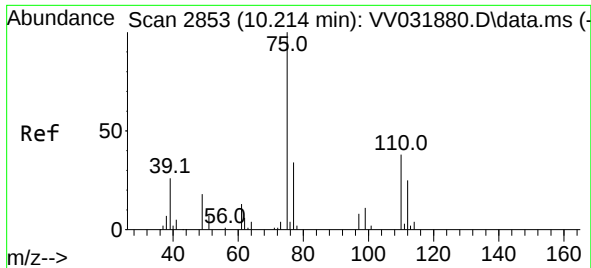
Tgt Ion:164 Resp: 371187
Ion Ratio Lower Upper
164 100
129 99.2 70.6 131.2
131 94.9 64.6 120.0
166 125.9 88.3 164.1



#49
Dibromochloromethane
Concen: 67.765 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.273 min
Lab File: VV031889.D
Acq: 24 Aug 2023 01:09

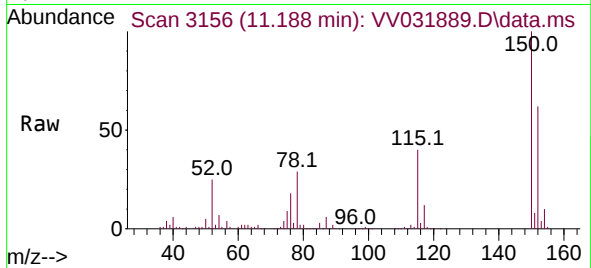
Tgt Ion:129 Resp: 345552
Ion Ratio Lower Upper
129 100
127 0.1 53.7 99.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.856 ug/L
 RT: 11.188 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV031889.D
 Acq: 24 Aug 2023 01:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 7744
 Ion Ratio Lower Upper
 75 100
 77 38.7 28.8 43.2
 110 2.9 30.2 45.2#

