

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031914.D
 Acq On : 24 Aug 2023 17:10
 Operator : SY/MD
 Sample : 04158-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 00:59:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

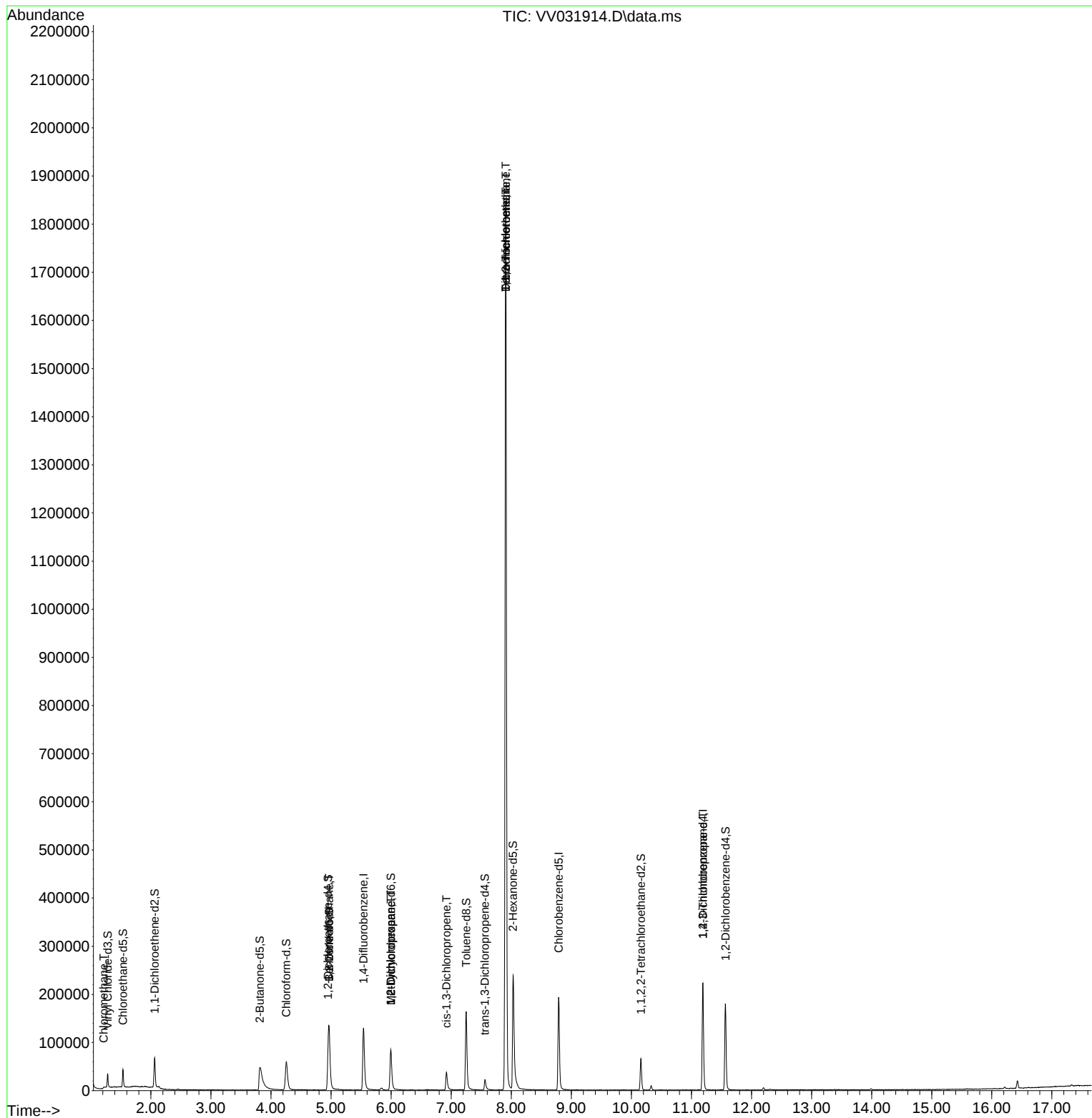
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	112290	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	104928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	54912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	17443	4.599	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.535	69	21528	4.955	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.063	65	10602	4.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	3.815	46	117237	63.859	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.720%	
24) Chloroform-d	4.256	84	62372	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	4.950	65	33290	5.033	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	4.966	84	123208	5.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	5.995	67	42467	5.044	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.249	98	110103	4.969	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	7.561	79	14321	4.664	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.030	63	90506	55.290	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.580%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33174	5.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.800%	
66) 1,2-Dichlorobenzene-d4	11.567	152	44108	4.960	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
3) Chloromethane	1.217	50	666	0.097	ug/L	92
27) 1,2-Dichloroethane	4.966	62	765	0.106	ug/L #	75
35) Methylcyclohexane	5.995	83	10335	1.005	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	4697	0.705	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	1029	0.102	ug/L #	58
45) 1,1,2-Trichloroethane	7.908	97	4086	0.857	ug/L #	1
47) Tetrachloroethene	7.908	164	390399	86.509	ug/L	98
49) Dibromochloromethane	7.908	129	367471	73.980	ug/L #	11
61) 1,2,3-Trichloropropane	11.191	75	7633	1.887	ug/L #	68

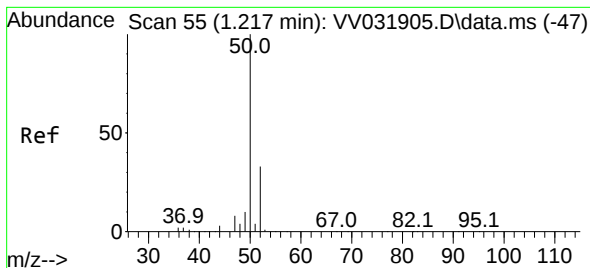
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV031914.D

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Instrument :

MSVOA_V

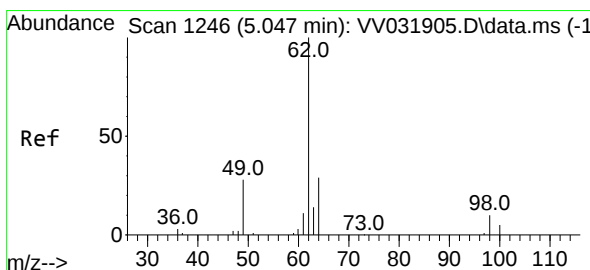
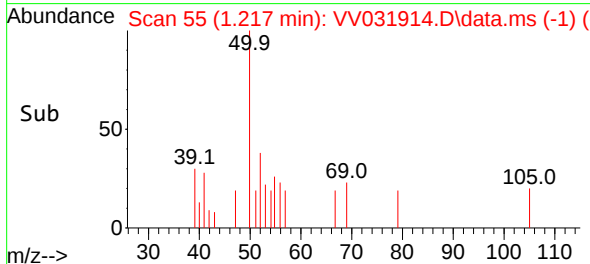
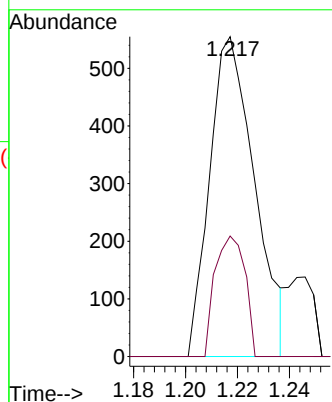
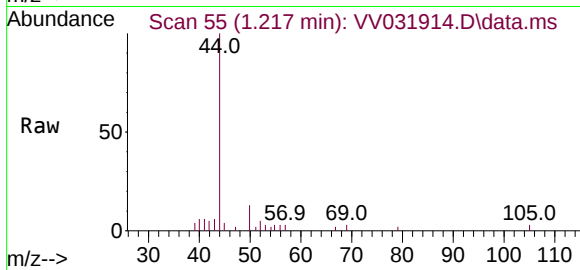
ClientSampleId :

Tgt Ion: 50 Resp: 666

Ion Ratio Lower Upper

50 100

52 37.7 23.3 43.3



#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 4.966 min Scan# 1221

Delta R.T. -0.081 min

Lab File: VV031914.D

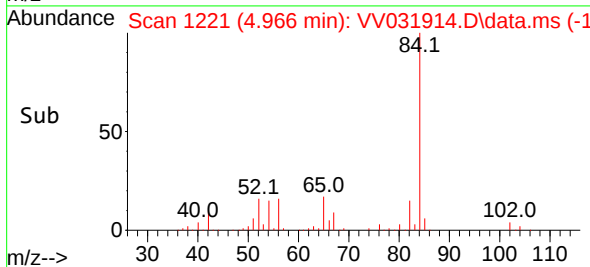
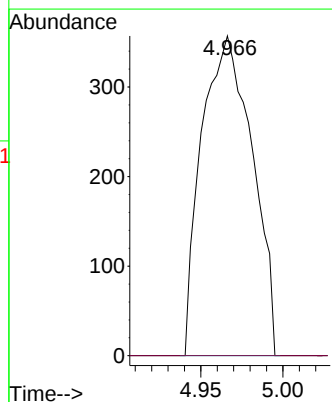
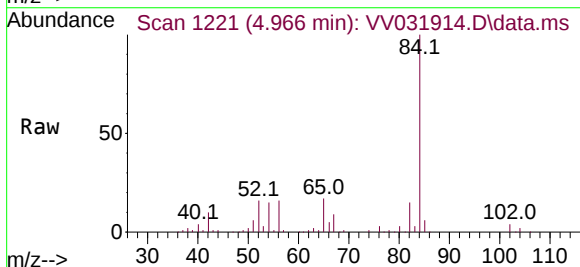
Acq: 24 Aug 2023 17:10

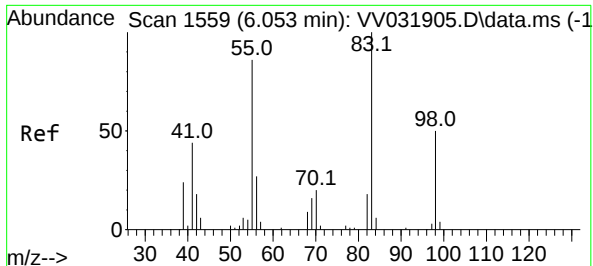
Tgt Ion: 62 Resp: 765

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#





#35

Methylcyclohexane

Concen: 1.005 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031914.D

Acq: 24 Aug 2023 17:10

Instrument :

MSVOA_V

ClientSampleId :

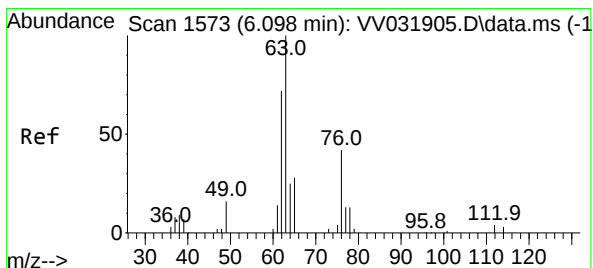
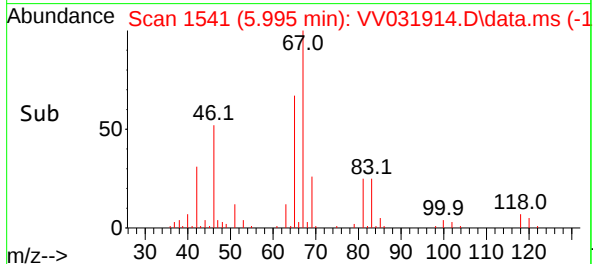
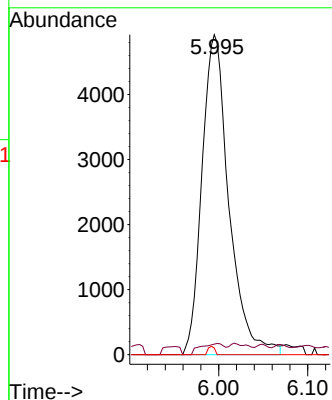
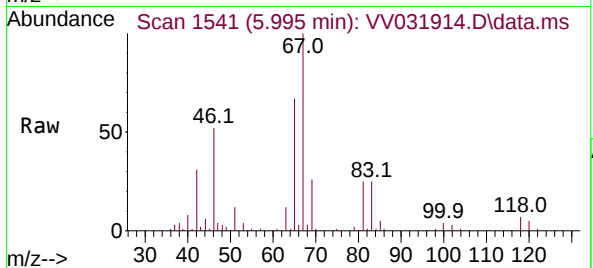
Tgt Ion: 83 Resp: 10335

Ion Ratio Lower Upper

83 100

55 3.1 62.6 94.0#

98 0.6 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.705 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.103 min

Lab File: VV031914.D

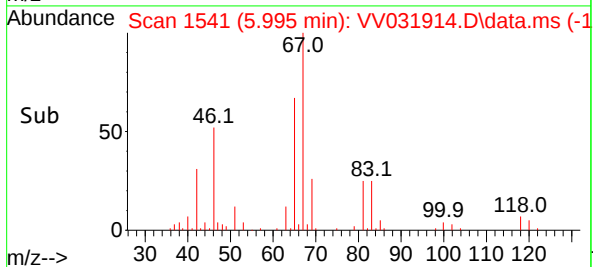
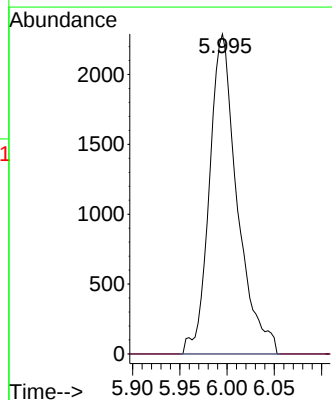
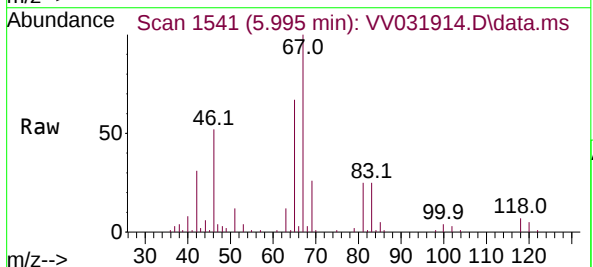
Acq: 24 Aug 2023 17:10

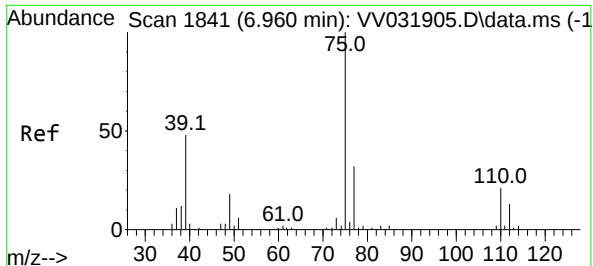
Tgt Ion: 63 Resp: 4697

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV031914.D

Acq: 24 Aug 2023 17:10

Instrument :

MSVOA_V

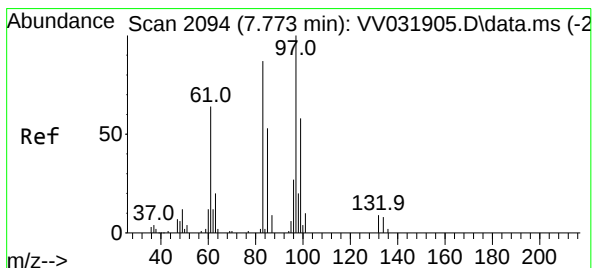
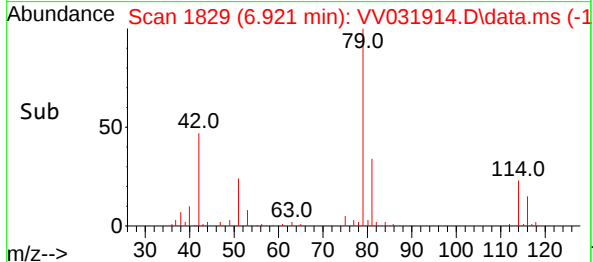
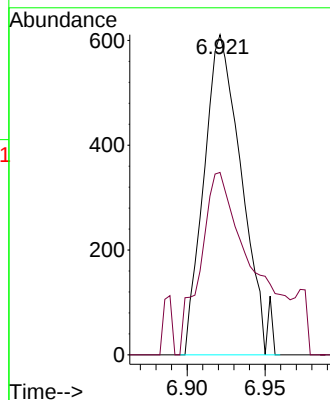
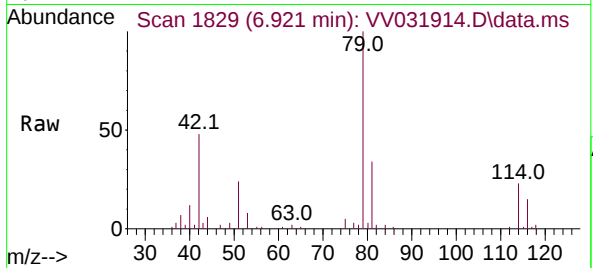
ClientSampleId :

Tgt Ion: 75 Resp: 1029

Ion Ratio Lower Upper

75 100

77 57.0 23.2 43.2#



#45

1,1,2-Trichloroethane

Concen: 0.857 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.135 min

Lab File: VV031914.D

Acq: 24 Aug 2023 17:10

Tgt Ion: 97 Resp: 4086

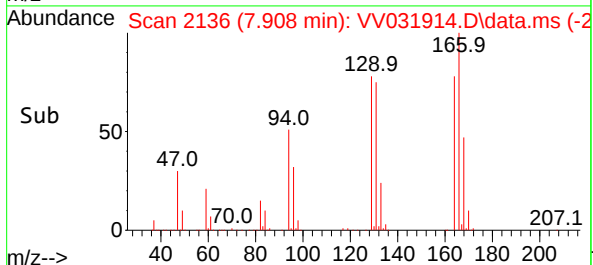
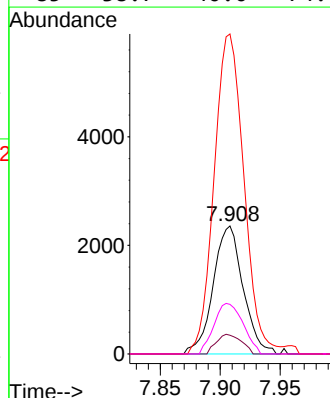
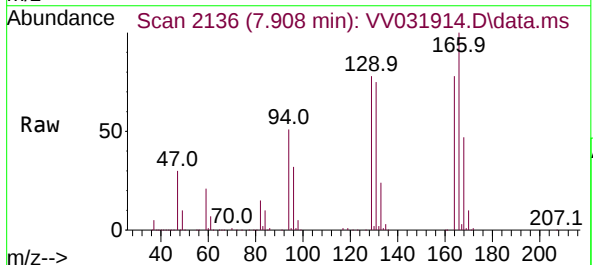
Ion Ratio Lower Upper

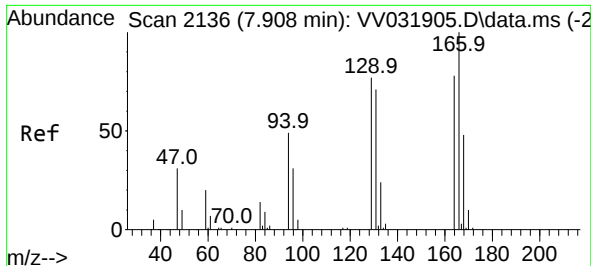
97 100

99 14.6 44.3 82.3#

83 250.1 62.7 116.5#

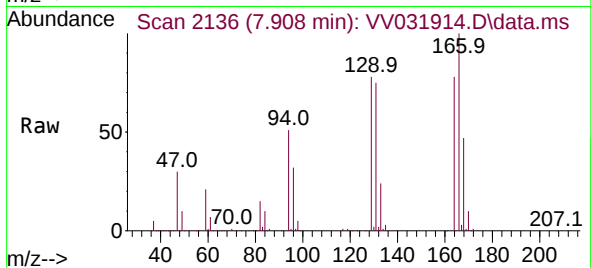
85 38.7 40.0 74.4#



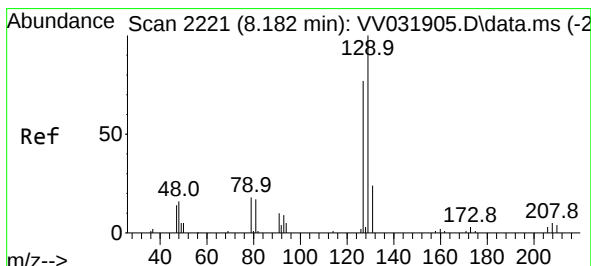
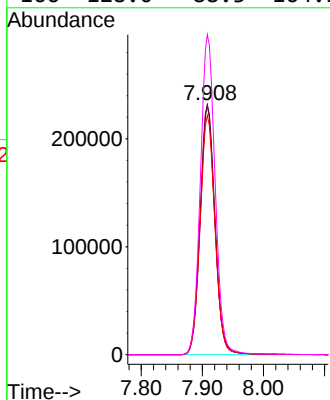
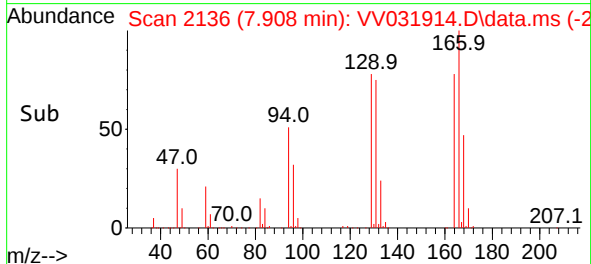


#47
Tetrachloroethene
Concen: 86.509 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV031914.D
Acq: 24 Aug 2023 17:10

Instrument :
MSVOA_V
ClientSampleId :

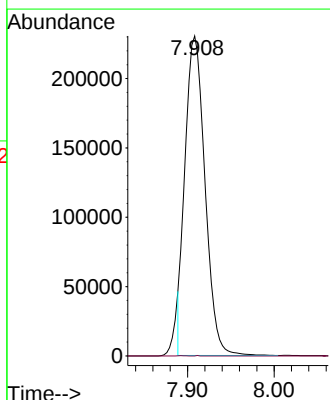
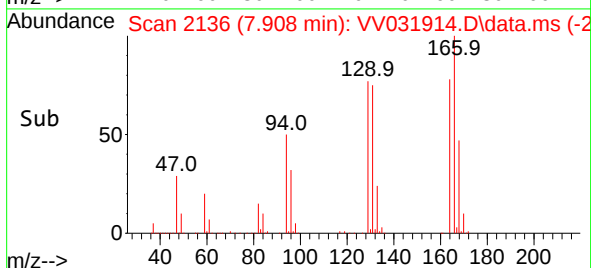
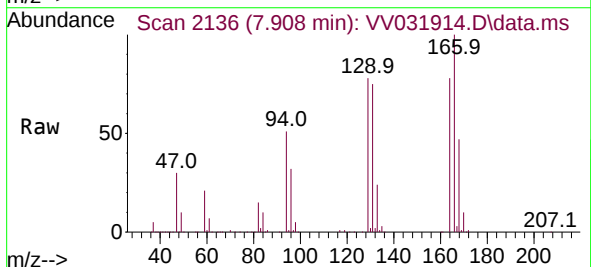


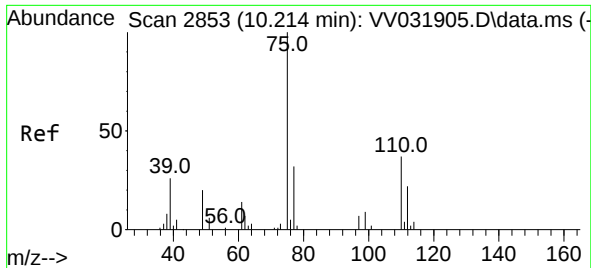
Tgt Ion:164 Resp: 390399
Ion Ratio Lower Upper
164 100
129 99.6 70.6 131.2
131 95.7 64.6 120.0
166 128.0 88.3 164.1



#49
Dibromochloromethane
Concen: 73.980 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.273 min
Lab File: VV031914.D
Acq: 24 Aug 2023 17:10

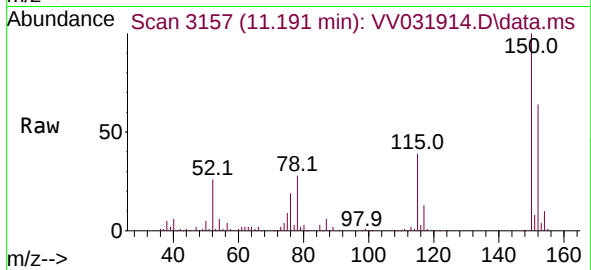
Tgt Ion:129 Resp: 367471
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.887 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV031914.D
 Acq: 24 Aug 2023 17:10

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 7633
 Ion Ratio Lower Upper
 75 100
 77 37.4 28.8 43.2
 110 1.7 30.2 45.2#

