

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031908.D
 Acq On : 24 Aug 2023 14:47
 Operator : SY/MD
 Sample : 04154-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

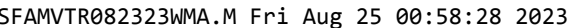
Quant Time: Aug 25 00:58:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

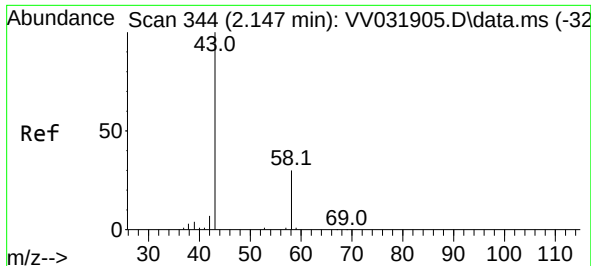
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	113533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	105818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	18010	4.697	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.536	69	21937	4.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.063	65	10763	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.815	46	101188	54.513	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.020%
24) Chloroform-d	4.256	84	61819	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.950	65	32701	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.966	84	123066	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	5.995	67	42084	4.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.249	98	108833	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.561	79	14086	4.549	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.031	63	79521	48.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.340%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29155	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	43667	4.895	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
13) Acetone	2.147	43	4985	4.558	ug/L	72
15) Methyl Acetate	2.420	43	449	0.201	ug/L #	53
16) Methylene chloride	2.452	84	4967	0.598	ug/L	92
27) 1,2-Dichloroethane	4.963	62	751	0.103	ug/L #	75
35) Methylcyclohexane	5.995	83	9785	0.944	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	4688	0.698	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	1010	0.099	ug/L #	51
42) Toluene	7.333	91	3416	0.126	ug/L	99
53) m,p-Xylene	9.088	106	851	0.073	ug/L	87
61) 1,2,3-Trichloropropane	11.191	75	7827	1.929	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.198	75	514	0.559	ug/L #	9
71) Naphthalene	13.448	128	5118	0.296	ug/L	97

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

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#13

Acetone

Concen: 4.558 ug/L

RT: 2.147 min Scan# 344

Delta R.T. 0.000 min

Lab File: VV031908.D

Acq: 24 Aug 2023 14:47

Instrument :

MSVOA_V

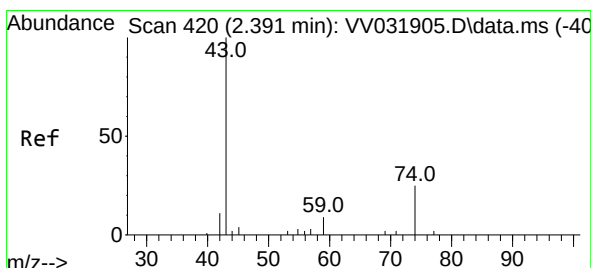
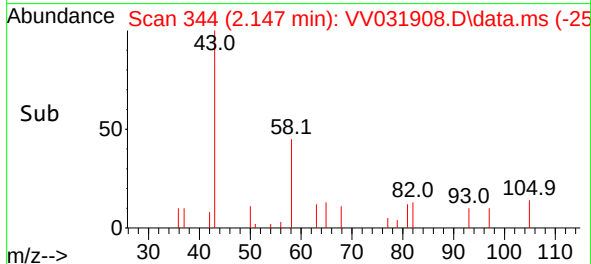
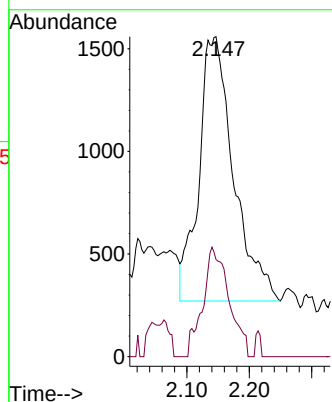
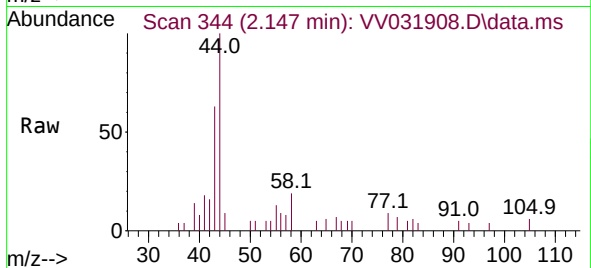
ClientSampleId :

Tgt Ion: 43 Resp: 4985

Ion Ratio Lower Upper

43 100

58 31.1 0.0 37.0



#15

Methyl Acetate

Concen: 0.201 ug/L

RT: 2.420 min Scan# 429

Delta R.T. 0.029 min

Lab File: VV031908.D

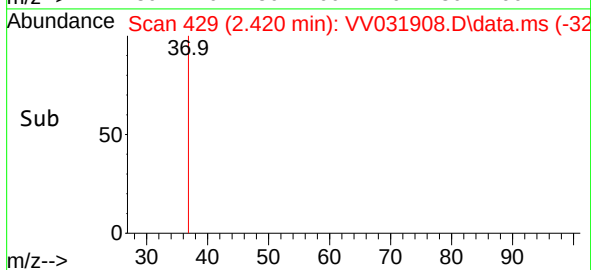
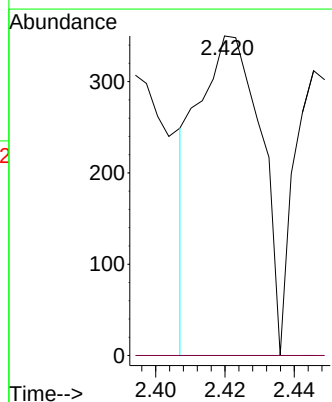
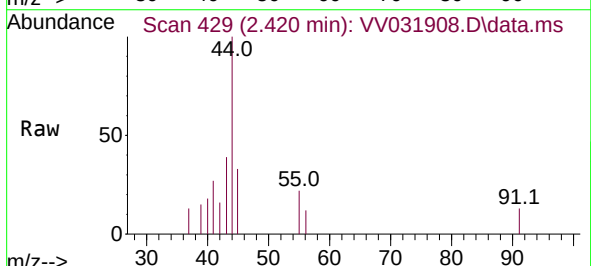
Acq: 24 Aug 2023 14:47

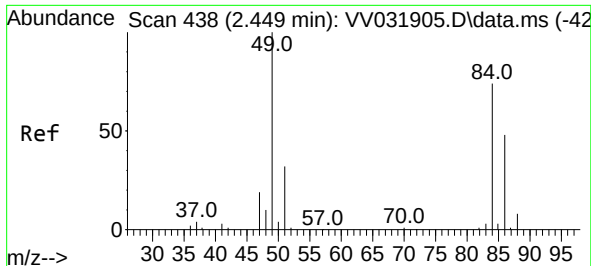
Tgt Ion: 43 Resp: 449

Ion Ratio Lower Upper

43 100

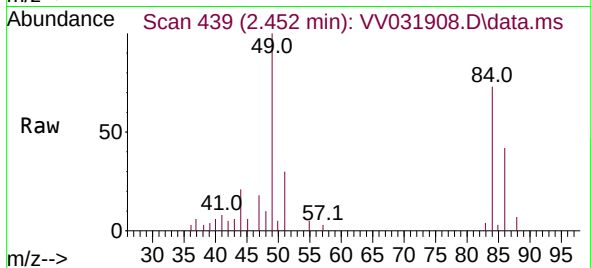
74 0.0 18.3 27.5#





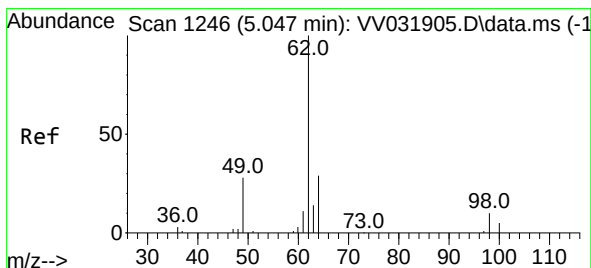
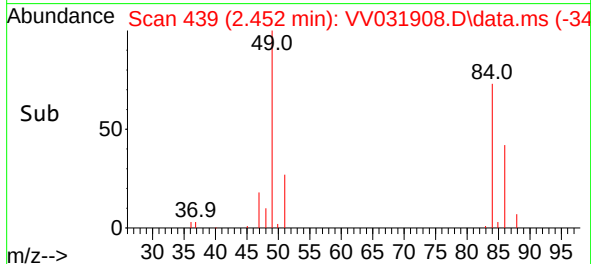
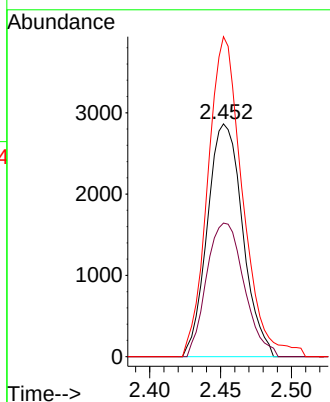
#16
Methylene chloride
Concen: 0.598 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031908.D
Acq: 24 Aug 2023 14:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 4967

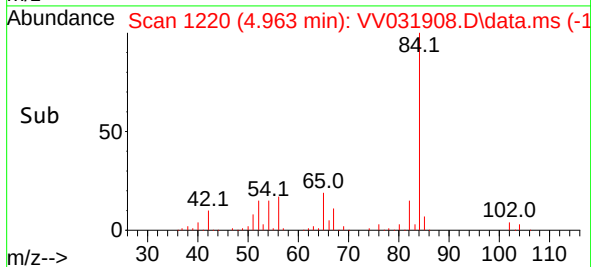
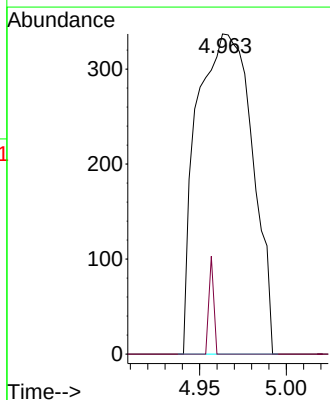
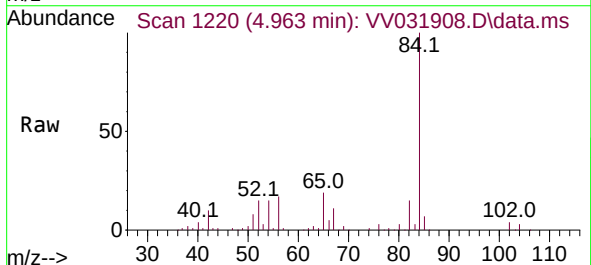
Ion	Ratio	Lower	Upper
84	100		
86	57.4	42.6	79.2
49	137.5	88.5	164.4

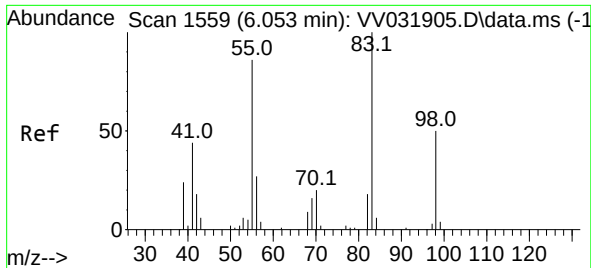


#27
1,2-Dichloroethane
Concen: 0.103 ug/L
RT: 4.963 min Scan# 1220
Delta R.T. -0.084 min
Lab File: VV031908.D
Acq: 24 Aug 2023 14:47

Tgt Ion: 62 Resp: 751

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

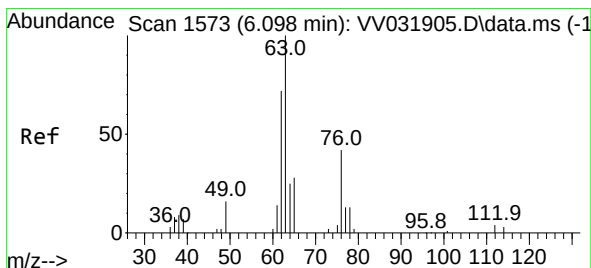
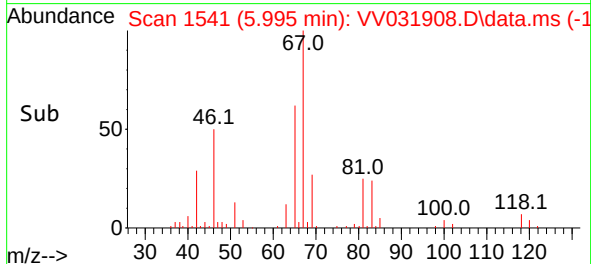
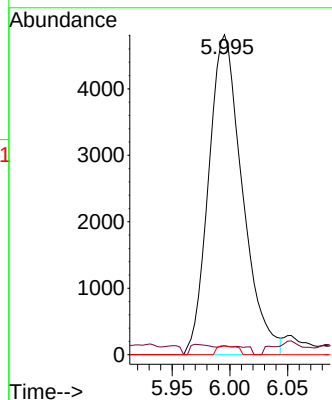
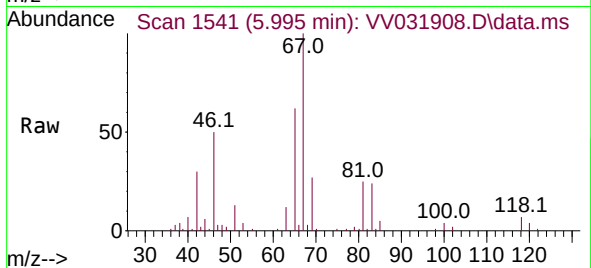




#35
Methylcyclohexane
Concen: 0.944 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031908.D
Acq: 24 Aug 2023 14:47

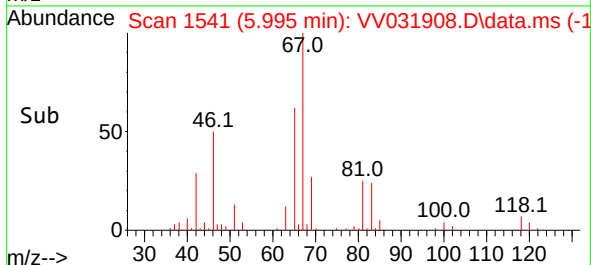
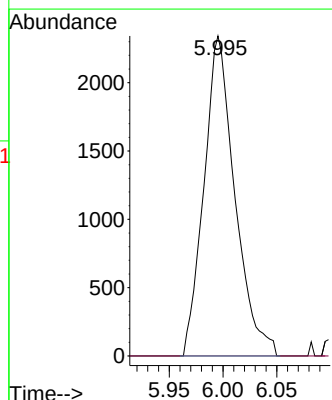
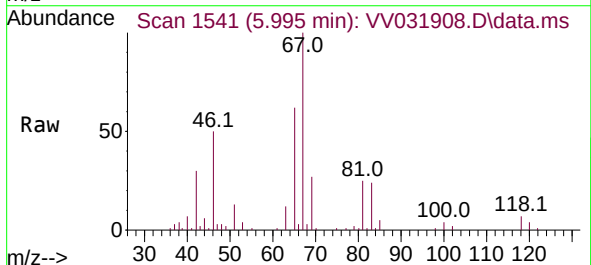
Instrument :
MSVOA_V
ClientSampleId :

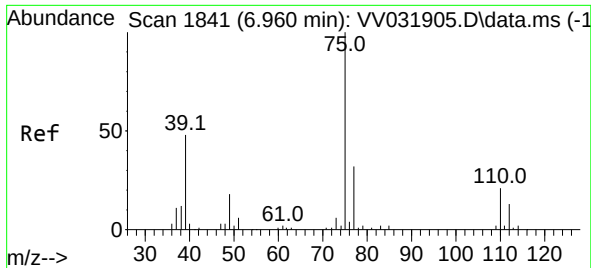
Tgt Ion: 83 Resp: 9785
Ion Ratio Lower Upper
83 100
55 2.2 62.6 94.0#
98 1.6 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.698 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV031908.D
Acq: 24 Aug 2023 14:47

Tgt Ion: 63 Resp: 4688
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV031908.D

Acq: 24 Aug 2023 14:47

Instrument :

MSVOA_V

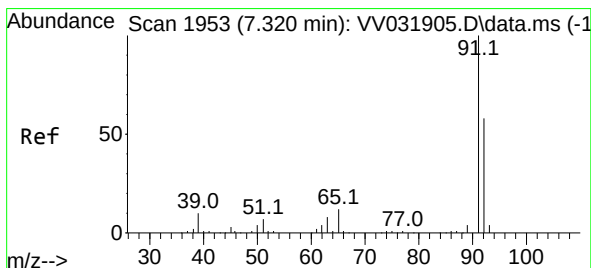
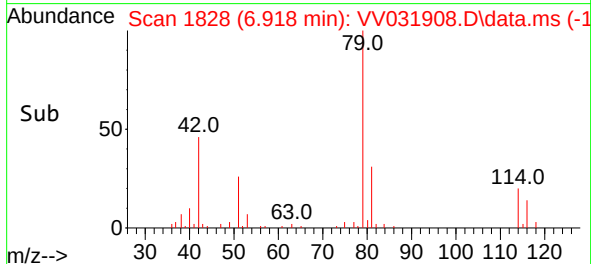
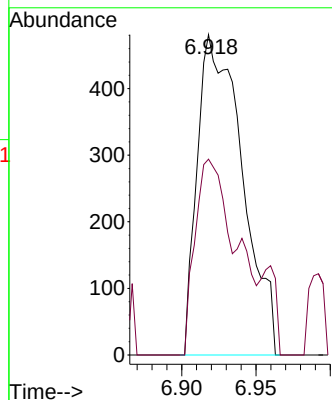
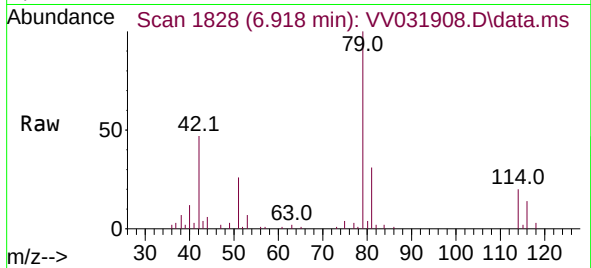
ClientSampleId :

Tgt Ion: 75 Resp: 1010

Ion Ratio Lower Upper

75 100

77 61.1 23.2 43.2#



#42

Toluene

Concen: 0.126 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.013 min

Lab File: VV031908.D

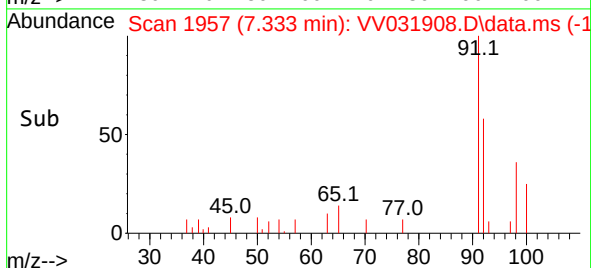
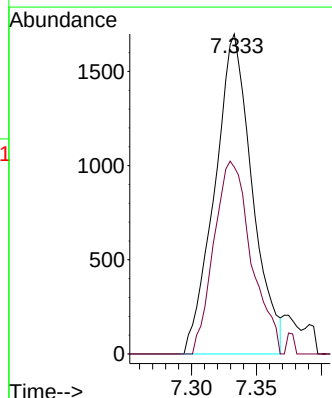
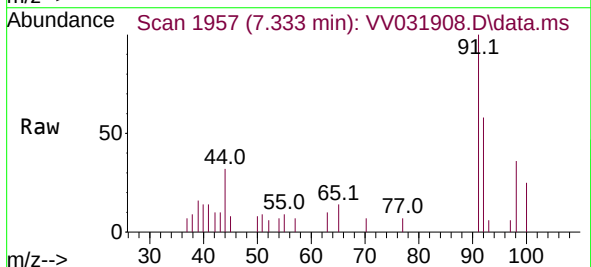
Acq: 24 Aug 2023 14:47

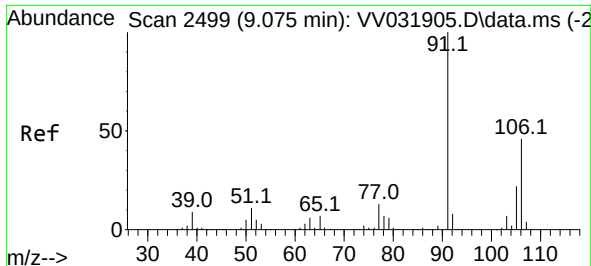
Tgt Ion: 91 Resp: 3416

Ion Ratio Lower Upper

91 100

92 58.4 40.5 75.1





#53

m,p-Xylene

Concen: 0.073 ug/L

RT: 9.088 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV031908.D

Acq: 24 Aug 2023 14:47

Instrument :

MSVOA_V

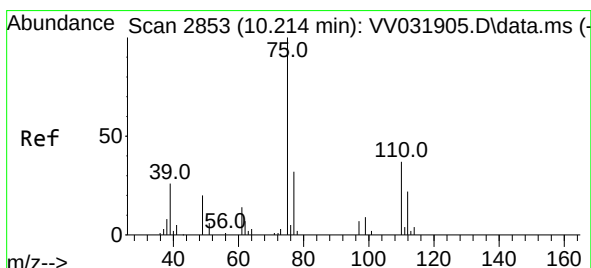
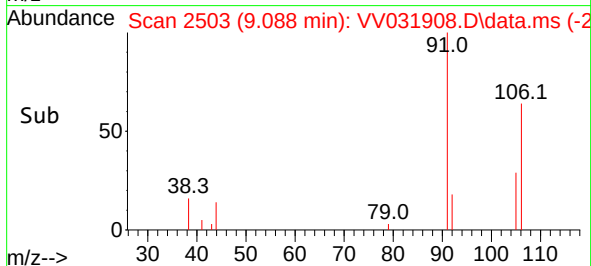
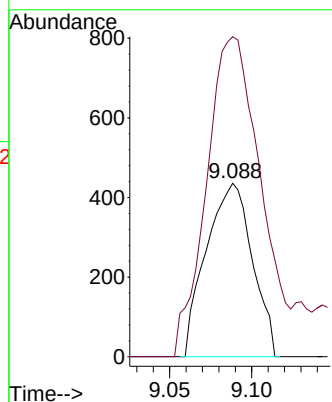
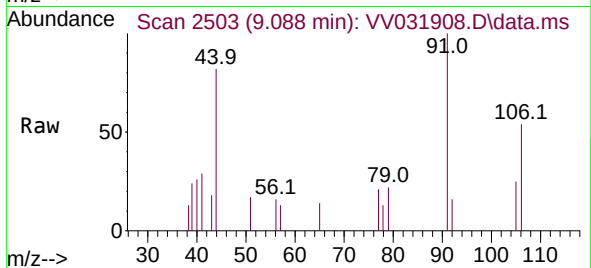
ClientSampleId :

Tgt Ion:106 Resp: 851

Ion Ratio Lower Upper

106 100

91 184.4 142.7 265.1



#61

1,2,3-Trichloropropane

Concen: 1.929 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.978 min

Lab File: VV031908.D

Acq: 24 Aug 2023 14:47

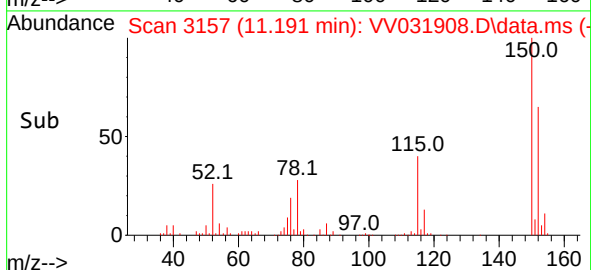
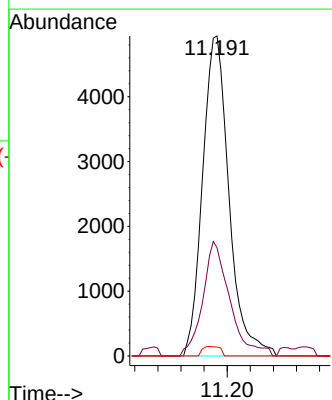
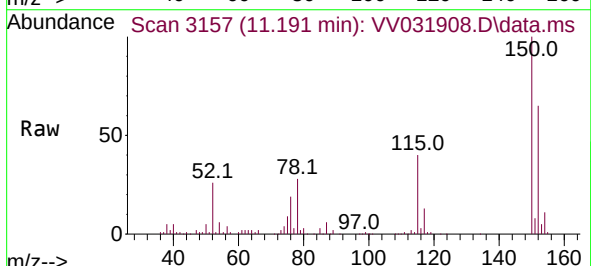
Tgt Ion: 75 Resp: 7827

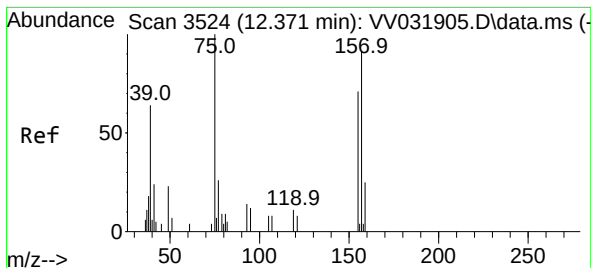
Ion Ratio Lower Upper

75 100

77 36.5 28.8 43.2

110 2.0 30.2 45.2#

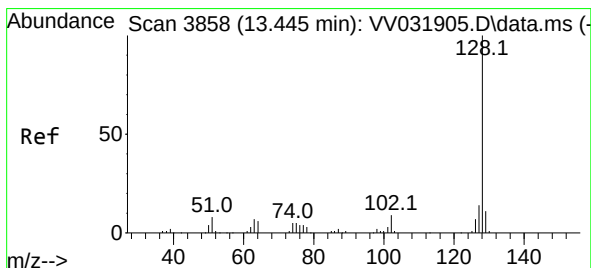
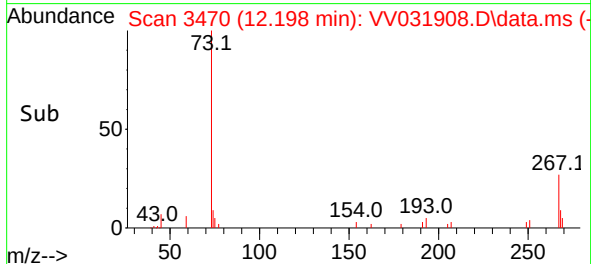
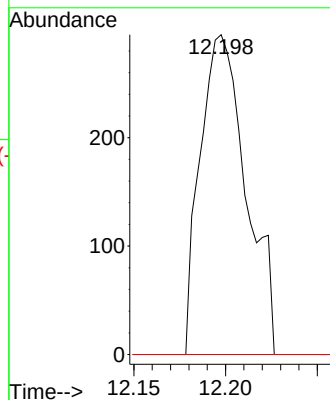
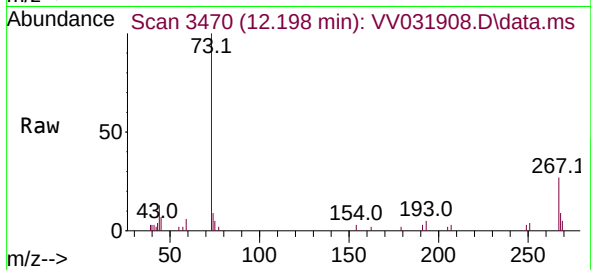




#68
1,2-Dibromo-3-chloropropane
Concen: 0.559 ug/L
RT: 12.198 min Scan# 341
Delta R.T. -0.174 min
Lab File: VV031908.D
Acq: 24 Aug 2023 14:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 514
Ion Ratio Lower Upper
75 100
155 0.0 56.1 84.1#
157 0.0 71.1 106.7#



#71
Naphthalene
Concen: 0.296 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.003 min
Lab File: VV031908.D
Acq: 24 Aug 2023 14:47

Tgt Ion: 128 Resp: 5118
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 11.9 10.8 16.2

