

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032608.D
 Acq On : 24 Oct 2023 22:57
 Operator : SY/MD
 Sample : 04995-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 08:35:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 08:15:09 2023
 Response via : Initial Calibration

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

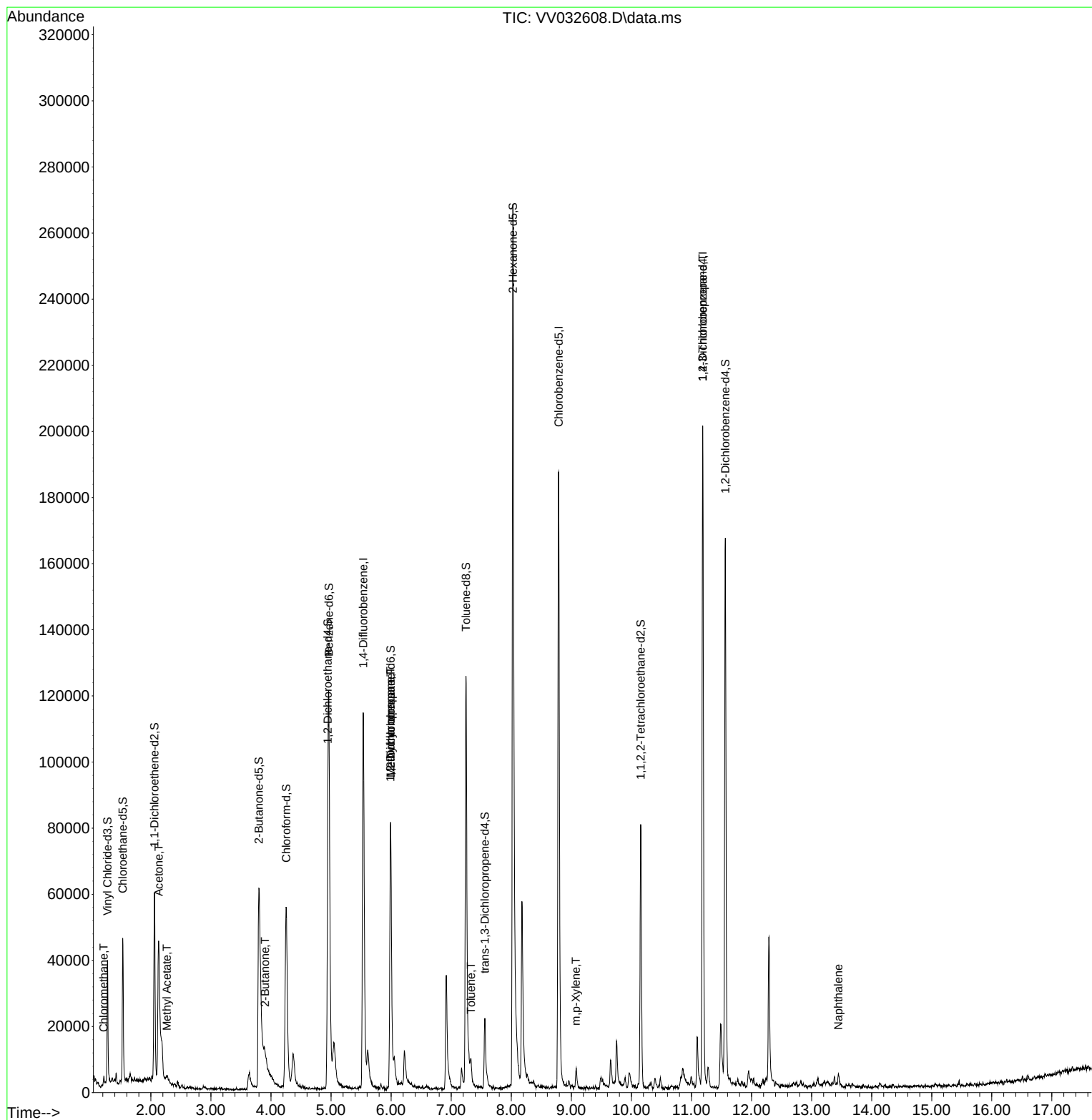
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	95279	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	105196	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23070	2.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.532	69	26644	4.236	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.060	65	9368	2.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.799	46	118325	60.363	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.720%
24) Chloroform-d	4.253	84	58925	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.947	65	32331	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.963	84	103096	3.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.600%#
36) 1,2-Dichloropropane-d6	5.992	67	37855	3.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.800%
41) Toluene-d8	7.246	98	89583	3.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.200%#
43) trans-1,3-Dichloroprop...	7.561	79	13145	3.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.027	63	93917	54.926	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.860%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37741	5.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	39598	4.354	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1401	0.131	ug/L	88
13) Acetone	2.130	43	73263	48.492	ug/L	94
15) Methyl Acetate	2.265	43	2335	0.687	ug/L #	55
21) 2-Butanone	3.902	43	15887	6.724	ug/L	79
35) Methylcyclohexane	5.992	83	9431	0.603	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	4561	0.460	ug/L #	88
42) Toluene	7.330	91	5417	0.137	ug/L	84
53) m,p-Xylene	9.079	106	1614	0.099	ug/L	99
61) 1,2,3-Trichloropropane	11.188	75	6288	1.205	ug/L #	61
71) Naphthalene	13.445	128	2320	0.116	ug/L	97

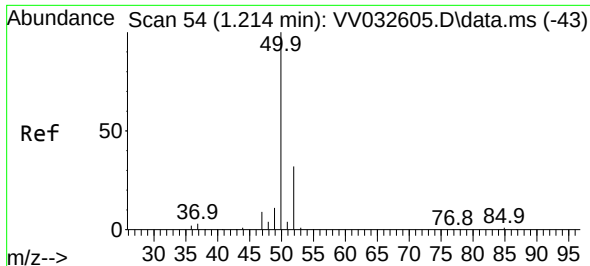
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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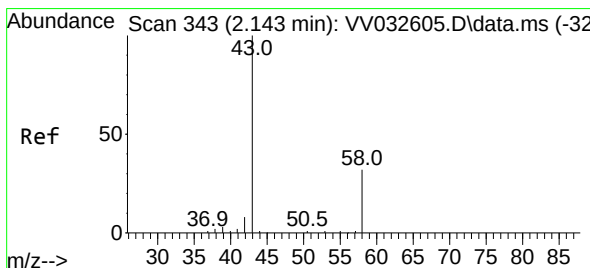
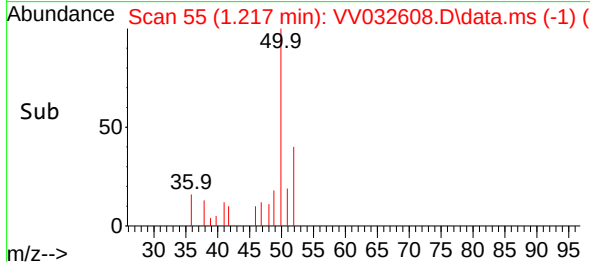
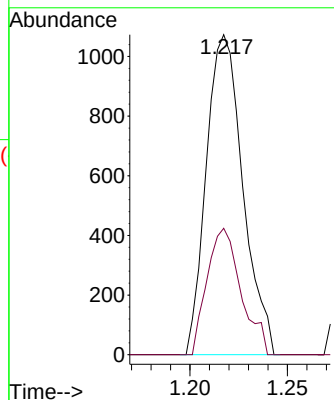
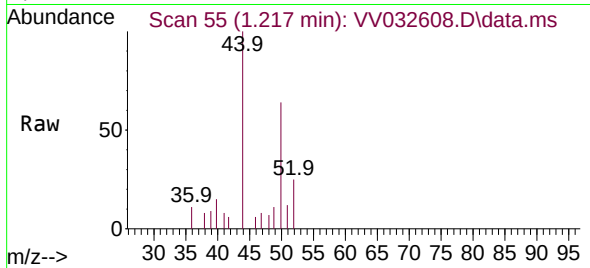




#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV032608.D
Acq: 24 Oct 2023 22:57

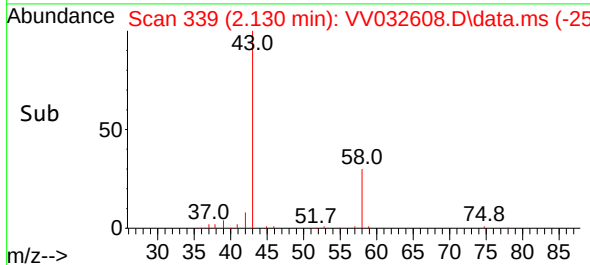
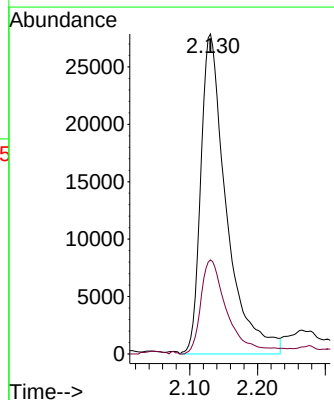
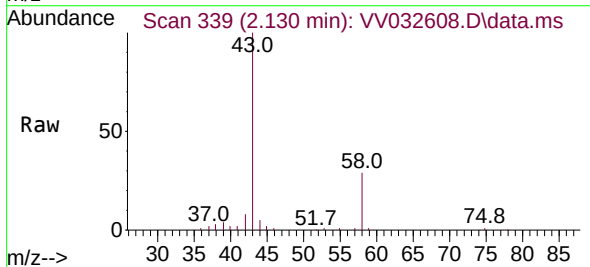
Instrument :
MSVOA_V
ClientSampleId :

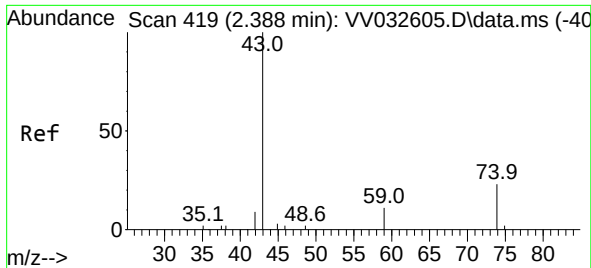
Tgt Ion: 50 Resp: 1401
Ion Ratio Lower Upper
50 100
52 39.5 23.0 42.6



#13
Acetone
Concen: 48.492 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.013 min
Lab File: VV032608.D
Acq: 24 Oct 2023 22:57

Tgt Ion: 43 Resp: 73263
Ion Ratio Lower Upper
43 100
58 29.8 0.0 66.0

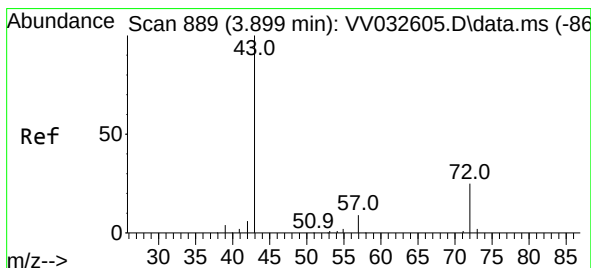
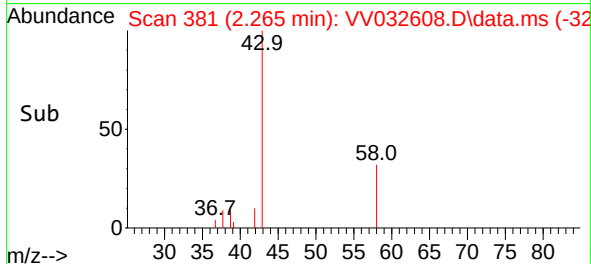
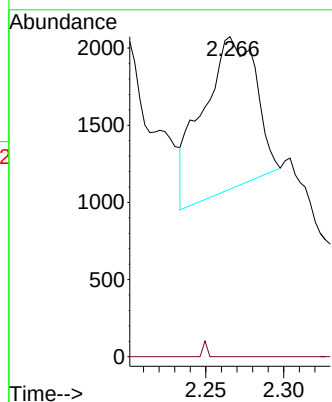
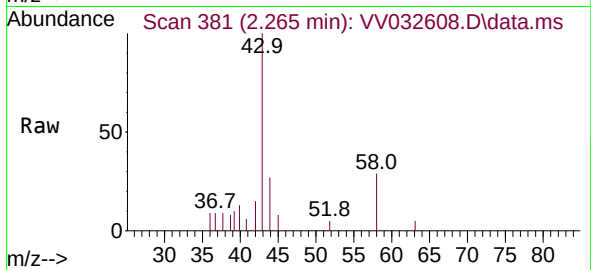




#15
Methyl Acetate
Concen: 0.687 ug/L
RT: 2.265 min Scan# 31
Delta R.T. -0.122 min
Lab File: VV032608.D
Acq: 24 Oct 2023 22:57

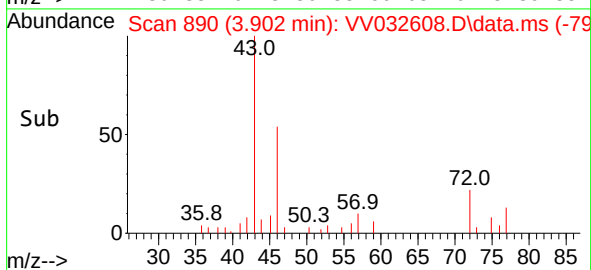
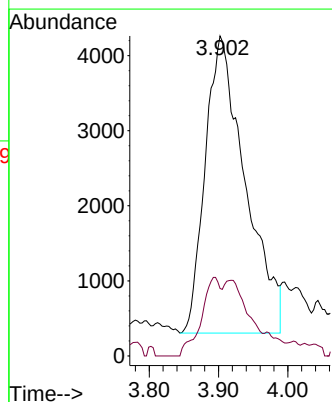
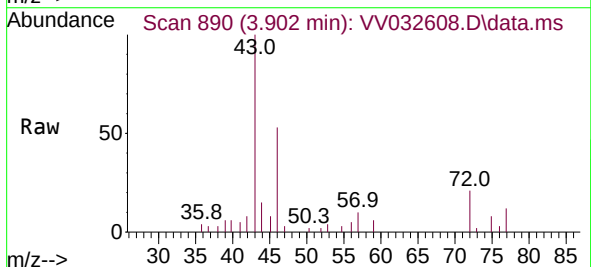
Instrument :
MSVOA_V
ClientSampleId :

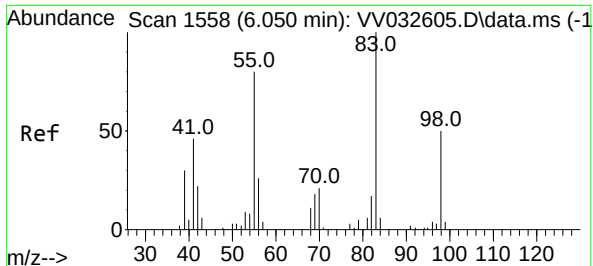
Tgt Ion: 43 Resp: 2335
Ion Ratio Lower Upper
43 100
74 0.9 18.0 27.0#



#21
2-Butanone
Concen: 6.724 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV032608.D
Acq: 24 Oct 2023 22:57

Tgt Ion: 43 Resp: 15887
Ion Ratio Lower Upper
43 100
72 13.2 11.6 34.8

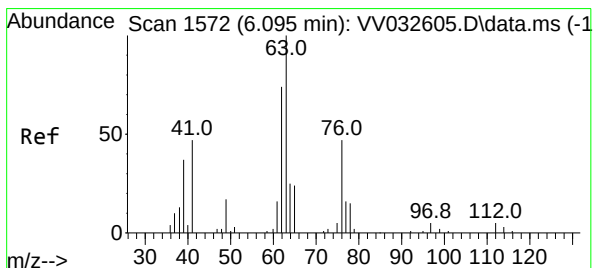
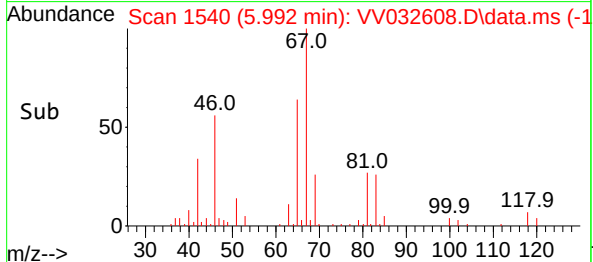
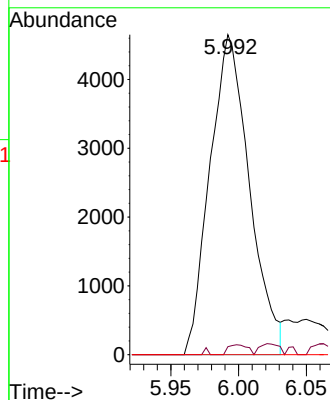
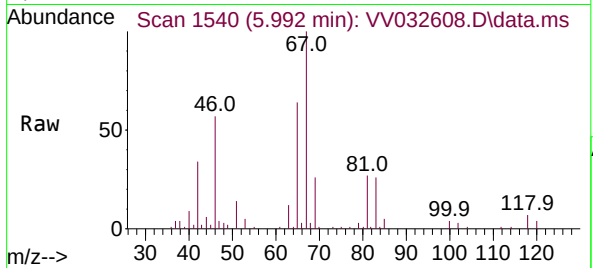




#35
Methylcyclohexane
Concen: 0.603 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV032608.D
Acq: 24 Oct 2023 22:57

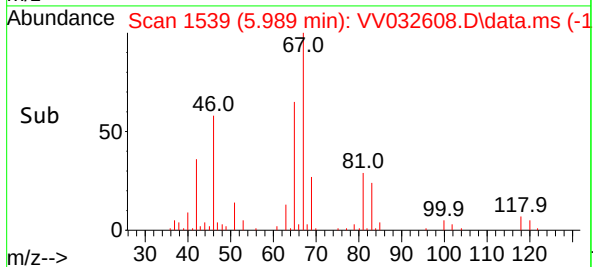
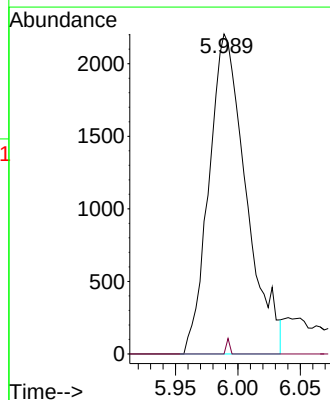
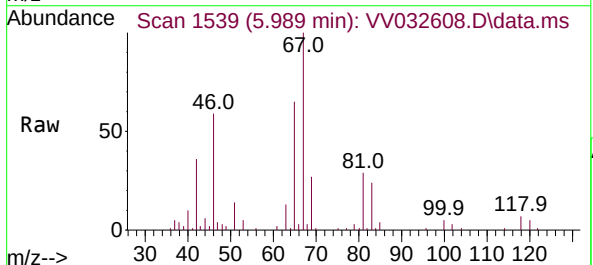
Instrument :
MSVOA_V
ClientSampleId :

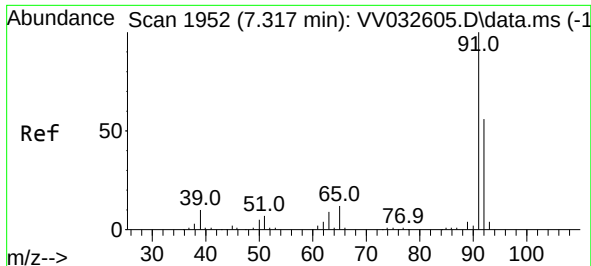
Tgt Ion: 83 Resp: 9431
Ion Ratio Lower Upper
83 100
55 1.5 64.2 96.2#
98 0.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.460 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.106 min
Lab File: VV032608.D
Acq: 24 Oct 2023 22:57

Tgt Ion: 63 Resp: 4561
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#





#42

Toluene

Concen: 0.137 ug/L

RT: 7.330 min Scan# 1952

Delta R.T. 0.013 min

Lab File: VV032608.D

Acq: 24 Oct 2023 22:57

Instrument :

MSVOA_V

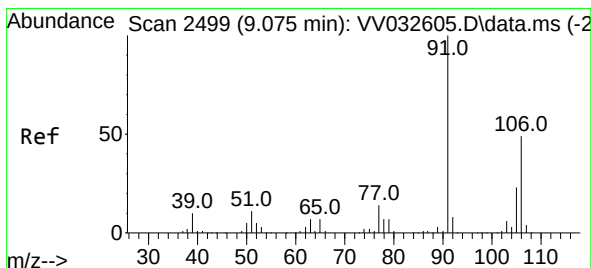
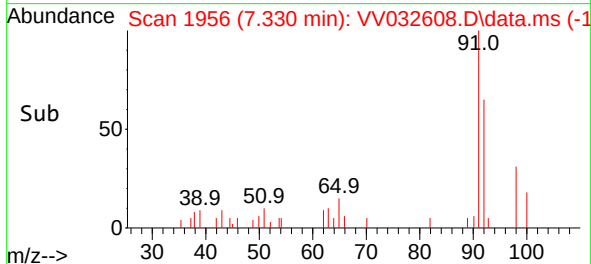
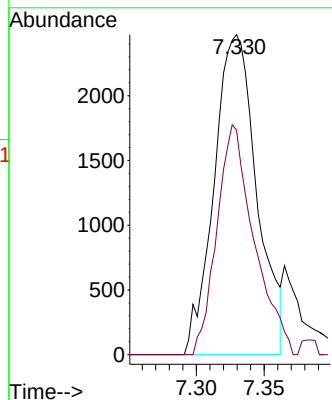
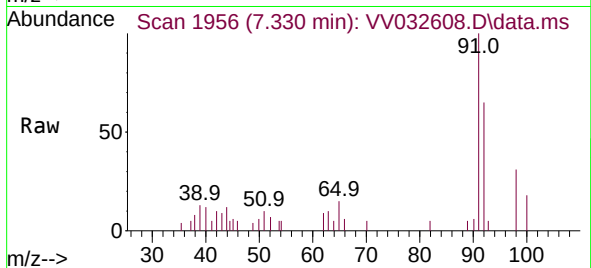
ClientSampleId :

Tgt Ion: 91 Resp: 5417

Ion Ratio Lower Upper

91 100

92 70.1 40.8 75.8



#53

m,p-Xylene

Concen: 0.099 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.003 min

Lab File: VV032608.D

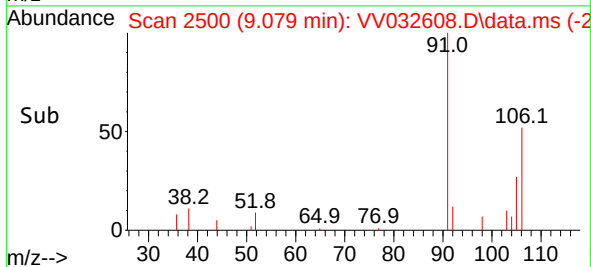
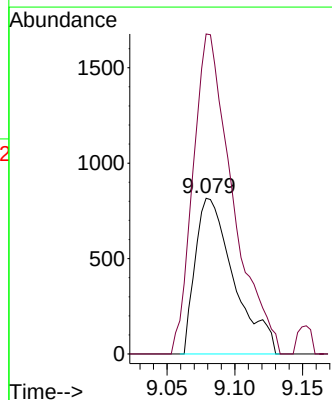
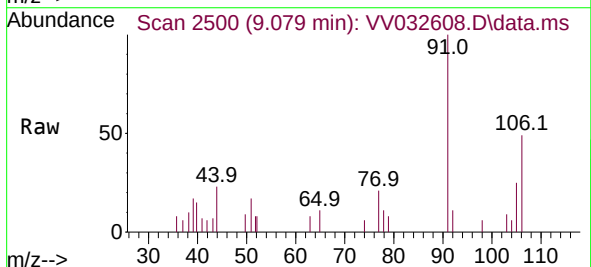
Acq: 24 Oct 2023 22:57

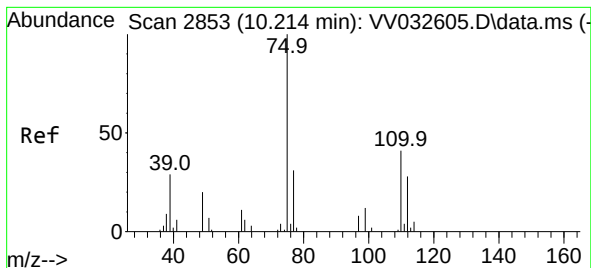
Tgt Ion: 106 Resp: 1614

Ion Ratio Lower Upper

106 100

91 205.5 144.5 268.3





#61

1,2,3-Trichloropropane

Concen: 1.205 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032608.D

Acq: 24 Oct 2023 22:57

Instrument :

MSVOA_V

ClientSampleId :

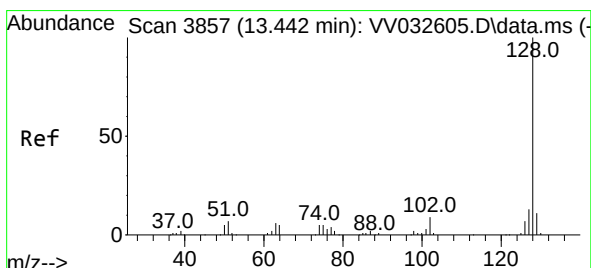
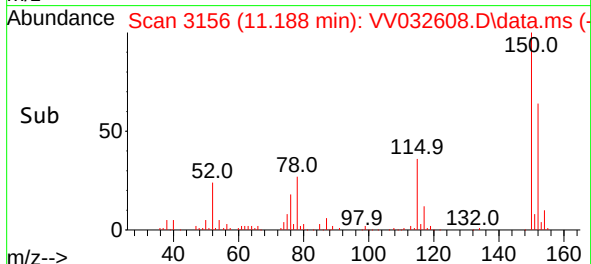
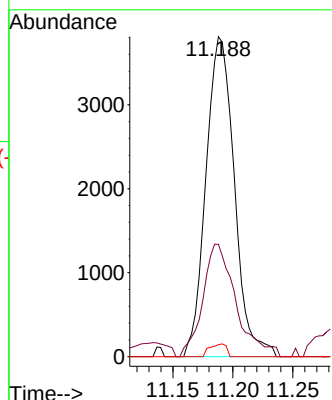
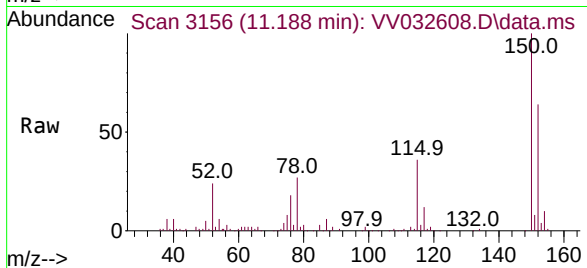
Tgt Ion: 75 Resp: 6288

Ion Ratio Lower Upper

75 100

77 40.9 26.2 39.2#

110 2.3 30.6 46.0#



#71

Naphthalene

Concen: 0.116 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.003 min

Lab File: VV032608.D

Acq: 24 Oct 2023 22:57

Tgt Ion: 128 Resp: 2320

Ion Ratio Lower Upper

128 100

129 12.7 9.0 13.4

127 13.6 10.2 15.2

