

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101823\
 Data File : VW032463.D
 Acq On : 18 Oct 2023 11:53
 Operator : SY/MD
 Sample : 04903-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:27:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

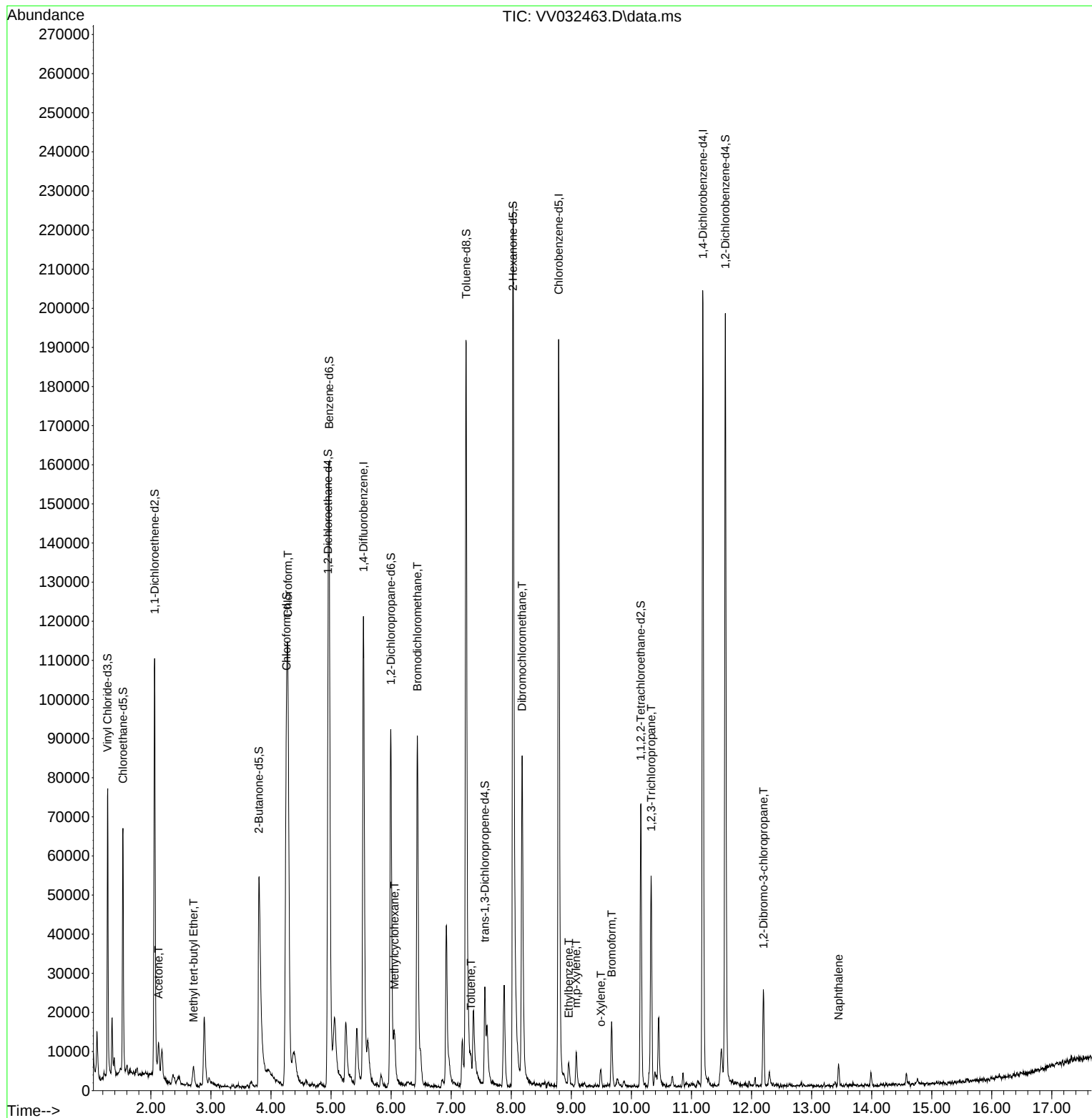
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	103919	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	52283	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47074	5.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.400%
7) Chloroethane-d5	1.535	69	40183	5.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.200%
11) 1,1-Dichloroethene-d2	2.063	65	18192	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	3.799	46	93197	43.591	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.180%
24) Chloroform-d	4.256	84	79277	5.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	4.950	65	36914	5.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.966	84	145627	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.995	67	46202	4.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.249	98	138479	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.561	79	17023	4.482	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.030	63	83242	46.582	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.160%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36628	4.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	49675	5.120	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
13) Acetone	2.127	43	9606	5.829	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	3655	0.176	ug/L #	58
25) Chloroform	4.281	83	90670	5.627	ug/L	97
35) Methylcyclohexane	6.056	83	2165	0.132	ug/L #	29
38) Bromodichloromethane	6.436	83	68235	5.548	ug/L	99
42) Toluene	7.329	91	4057	0.098	ug/L	91
49) Dibromochloromethane	8.182	129	42753	5.623	ug/L	96
52) Ethylbenzene	8.956	91	4192	0.091	ug/L	89
53) m,p-Xylene	9.082	106	2572	0.151	ug/L	96
54) o-Xylene	9.490	106	1110	0.068	ug/L	90
59) Bromoform	9.670	173	7126	1.874	ug/L #	94
61) 1,2,3-Trichloropropane	10.329	75	701	0.126	ug/L #	76
68) 1,2-Dibromo-3-chloropr...	12.201	75	938	0.825	ug/L #	1
71) Naphthalene	13.448	128	4233	0.198	ug/L	98

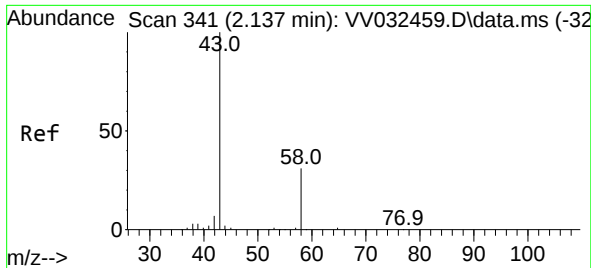
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.829 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV032463.D

Acq: 18 Oct 2023 11:53

Instrument :

MSVOA_V

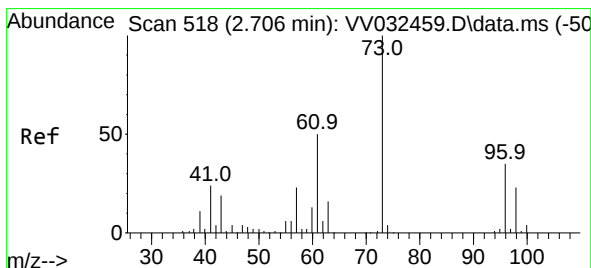
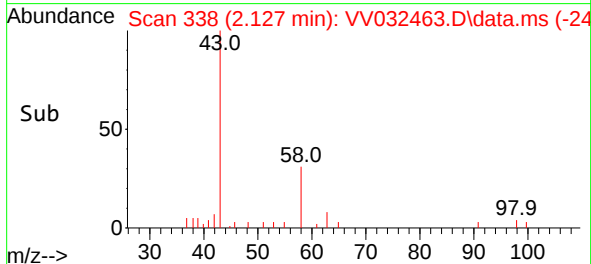
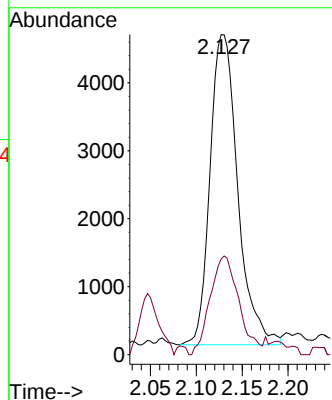
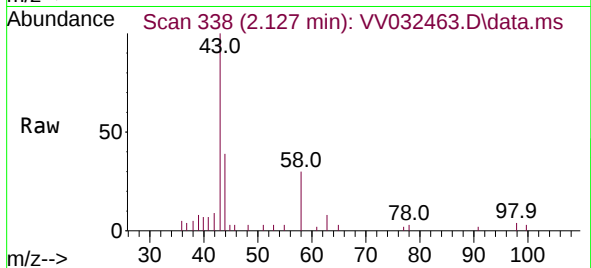
ClientSampleId :

Tgt Ion: 43 Resp: 9606

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.0



#17

Methyl tert-butyl Ether

Concen: 0.176 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.007 min

Lab File: VV032463.D

Acq: 18 Oct 2023 11:53

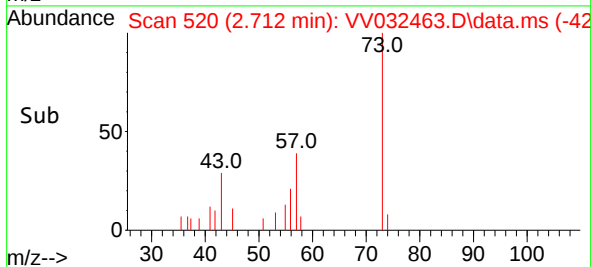
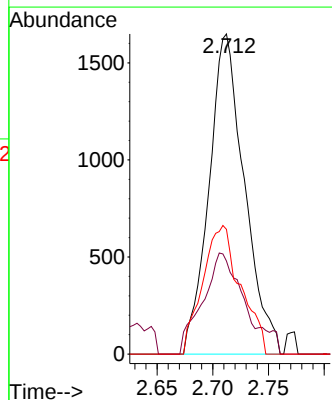
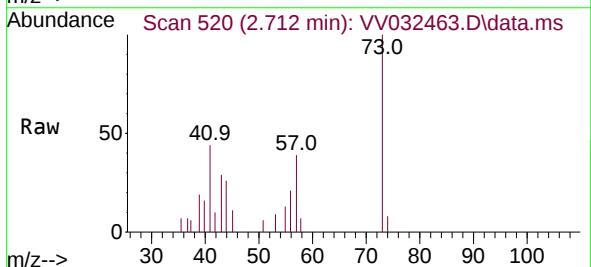
Tgt Ion: 73 Resp: 3655

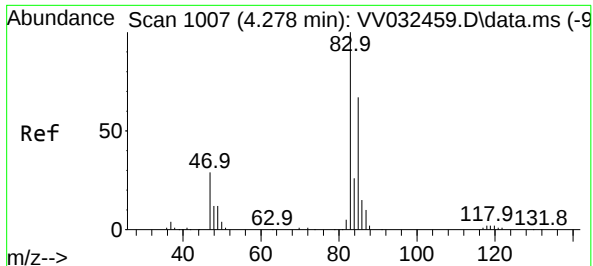
Ion Ratio Lower Upper

73 100

43 37.8 15.1 22.7#

57 42.9 18.3 27.5#

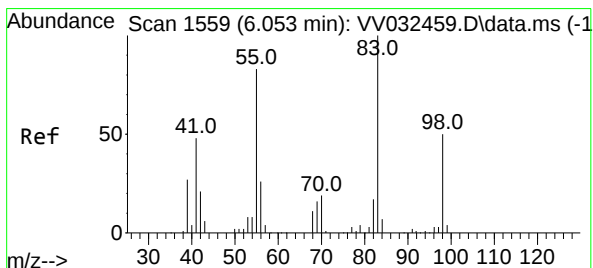
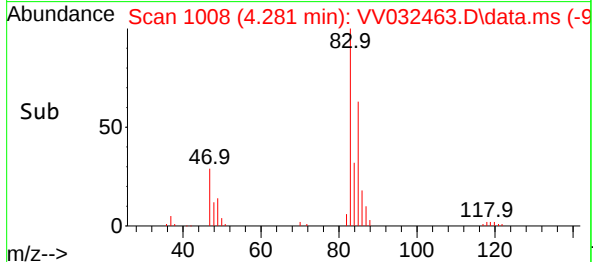
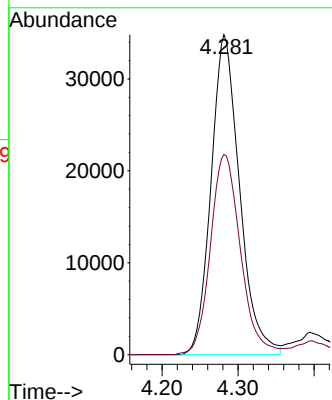
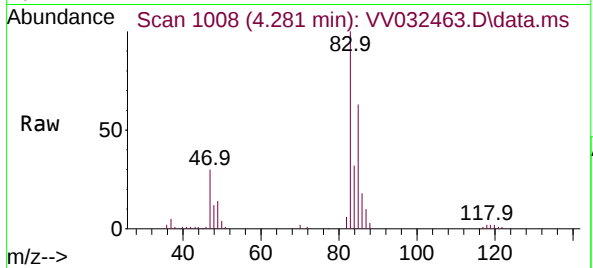




#25
Chloroform
Concen: 5.627 ug/L
RT: 4.281 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53

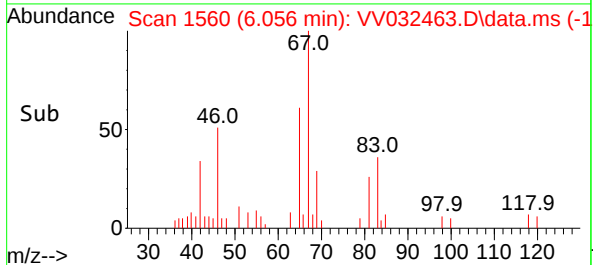
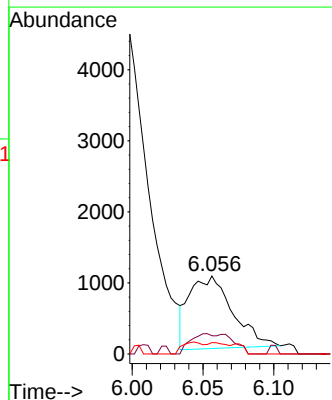
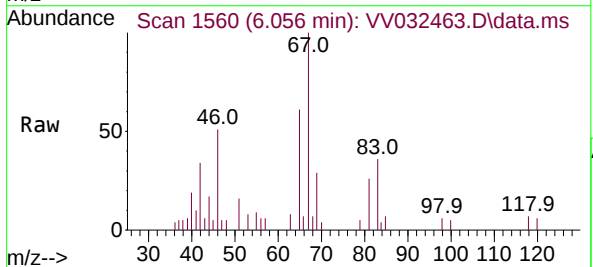
Instrument :
MSVOA_V
ClientSampleId :

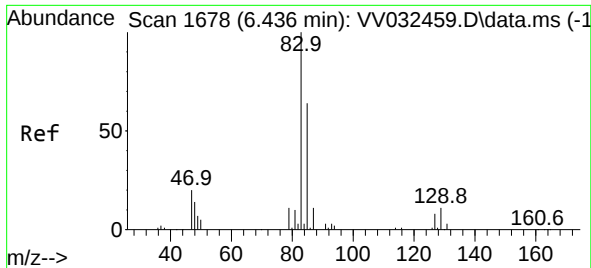
Tgt Ion: 83 Resp: 90670
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.4



#35
Methylcyclohexane
Concen: 0.132 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53

Tgt Ion: 83 Resp: 2165
Ion Ratio Lower Upper
83 100
55 16.6 64.2 96.2#
98 1.7 39.6 59.4#

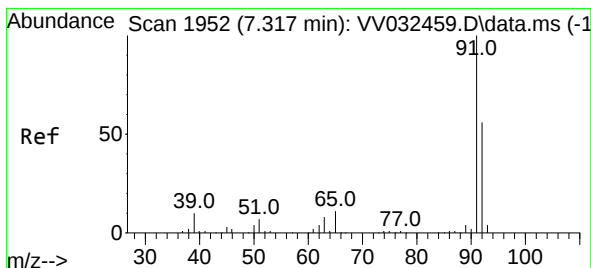
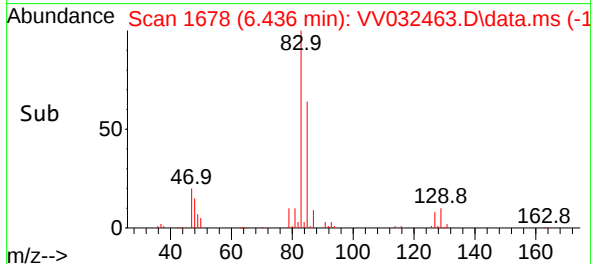
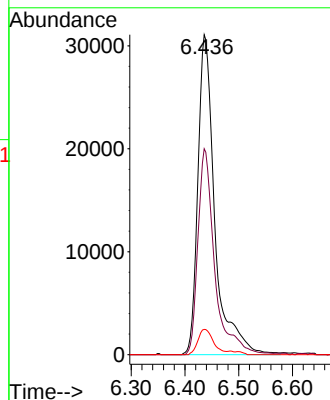
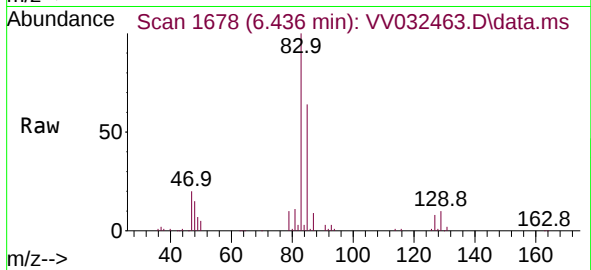




#38
Bromodichloromethane
Concen: 5.548 ug/L
RT: 6.436 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53

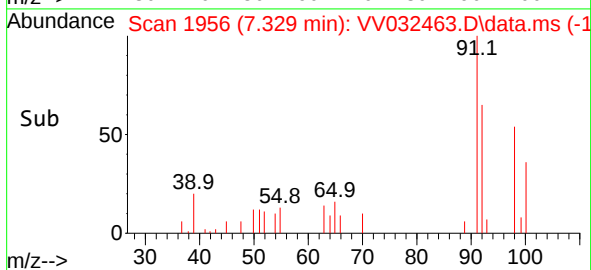
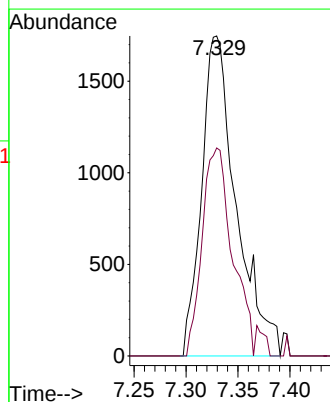
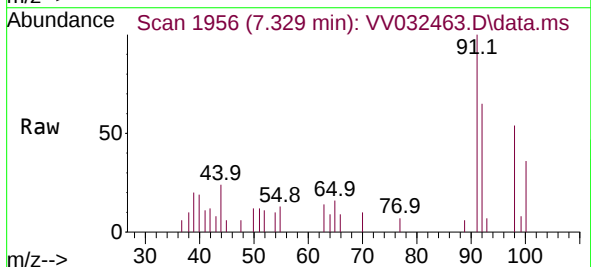
Instrument :
MSVOA_V
ClientSampleId :

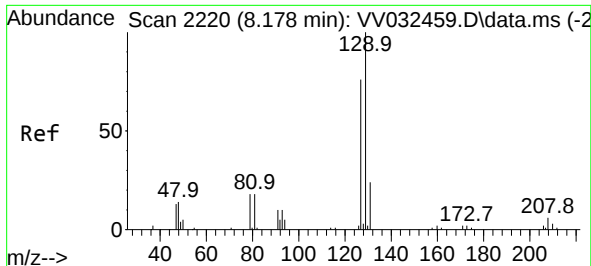
Tgt Ion: 83 Resp: 68235
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.3
127 7.9 6.9 10.3



#42
Toluene
Concen: 0.098 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.013 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53

Tgt Ion: 91 Resp: 4057
Ion Ratio Lower Upper
91 100
92 65.0 40.8 75.8





#49

Dibromochloromethane

Concen: 5.623 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032463.D

Acq: 18 Oct 2023 11:53

Instrument :

MSVOA_V

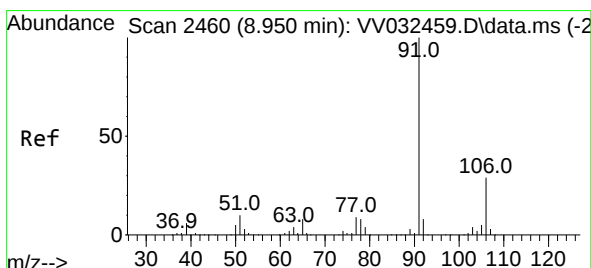
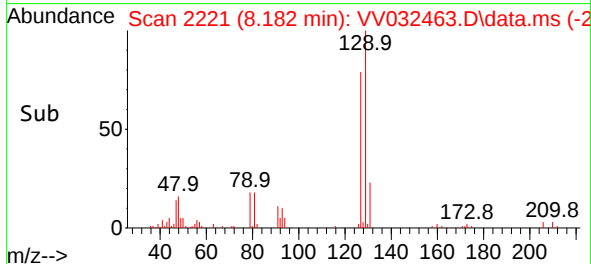
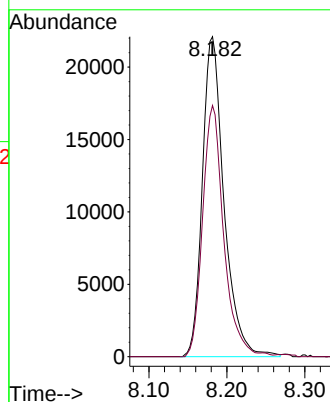
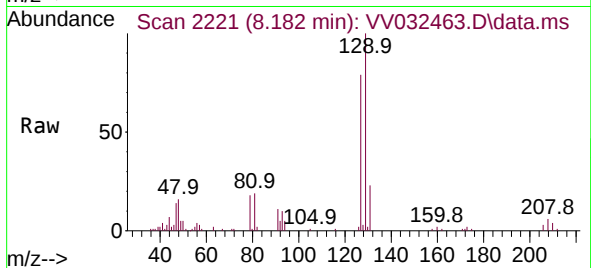
ClientSampleId :

Tgt Ion:129 Resp: 42753

Ion Ratio Lower Upper

129 100

127 78.5 57.2 106.2



#52

Ethylbenzene

Concen: 0.091 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.007 min

Lab File: VV032463.D

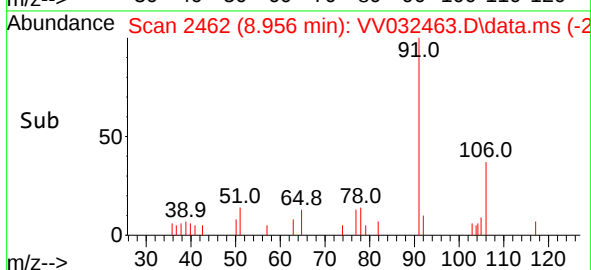
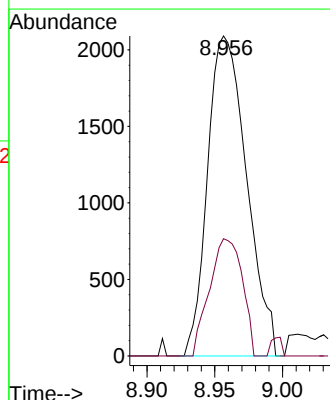
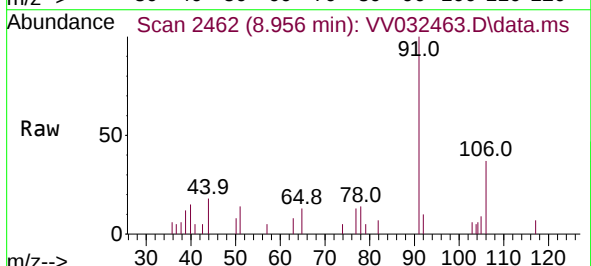
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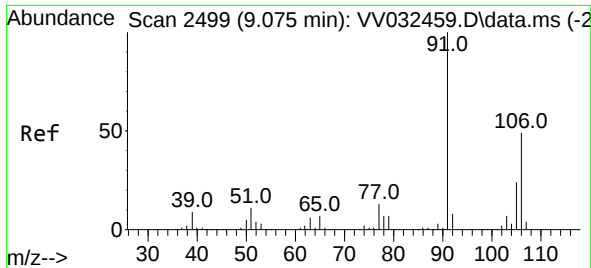
Tgt Ion: 91 Resp: 4192

Ion Ratio Lower Upper

91 100

106 36.6 21.3 39.5

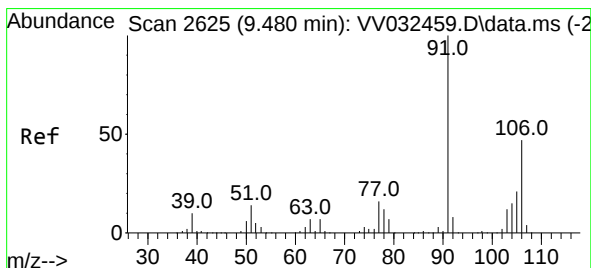
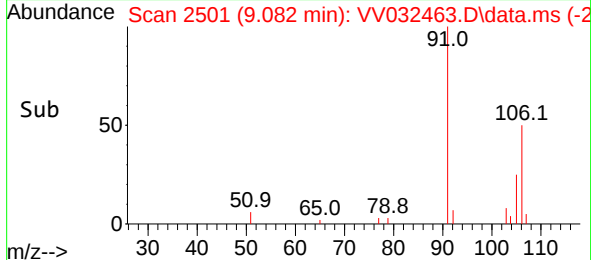
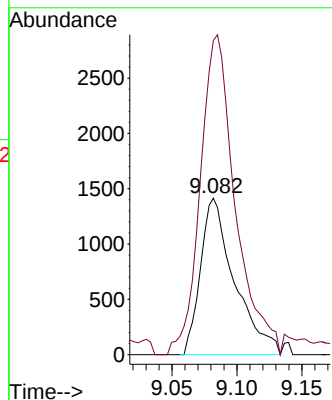
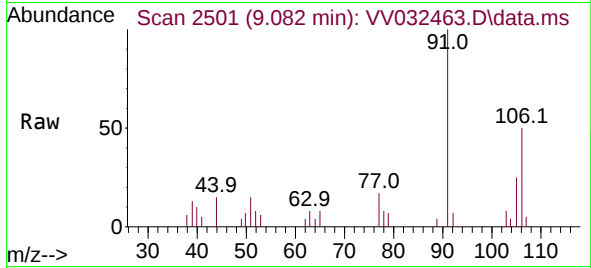




#53
m,p-Xylene
Concen: 0.151 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53

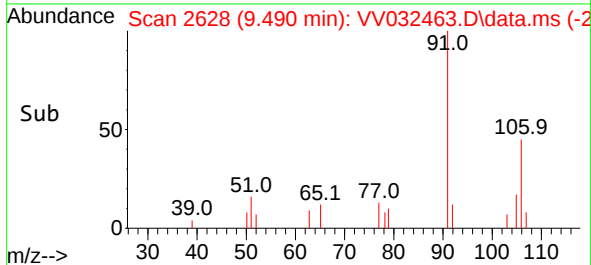
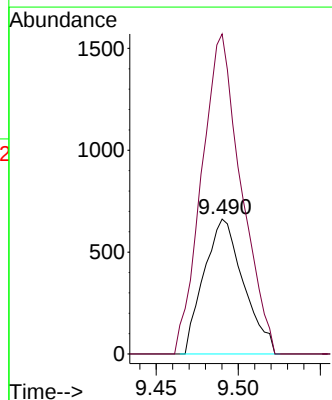
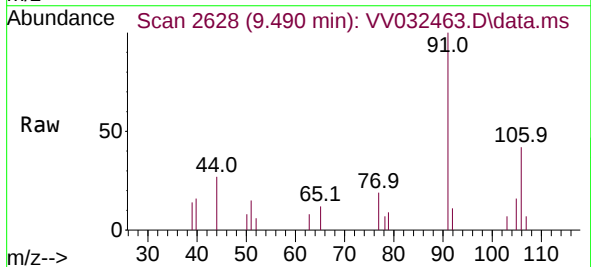
Instrument :
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ClientSampleId :

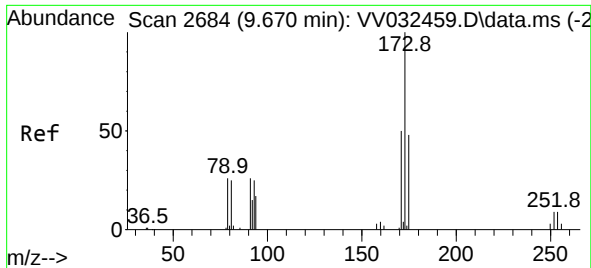
Tgt Ion:106 Resp: 2572
Ion Ratio Lower Upper
106 100
91 200.8 144.5 268.3



#54
o-Xylene
Concen: 0.068 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.010 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53

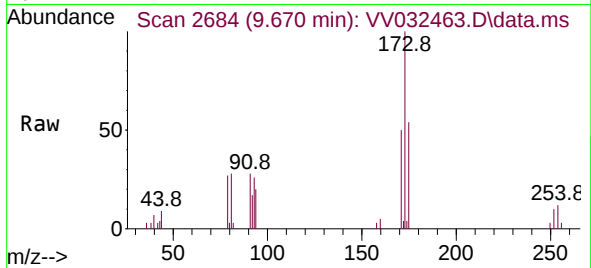
Tgt Ion:106 Resp: 1110
Ion Ratio Lower Upper
106 100
91 237.3 154.8 287.4



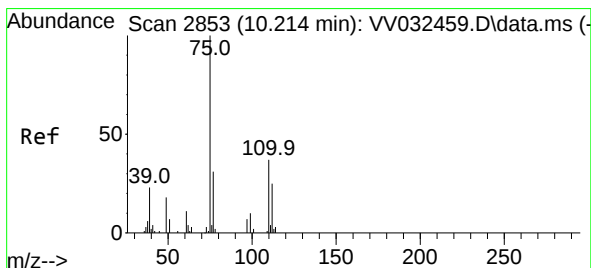
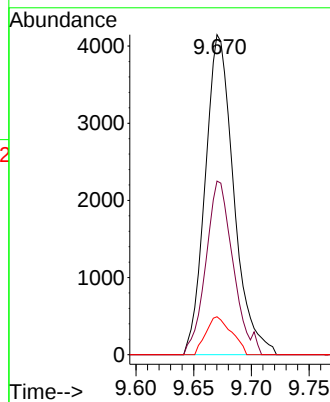
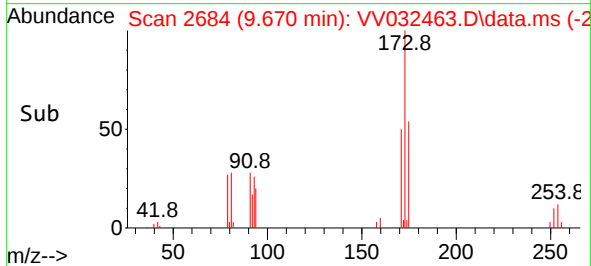


#59
Bromoform
Concen: 1.874 ug/L
RT: 9.670 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53

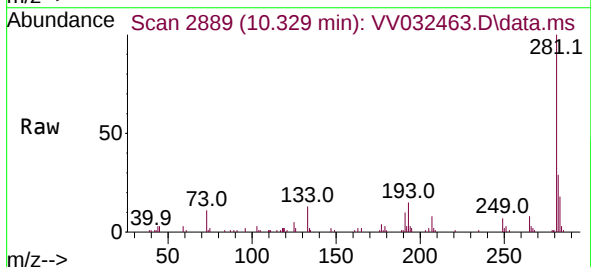
Instrument :
MSVOA_V
ClientSampleId :



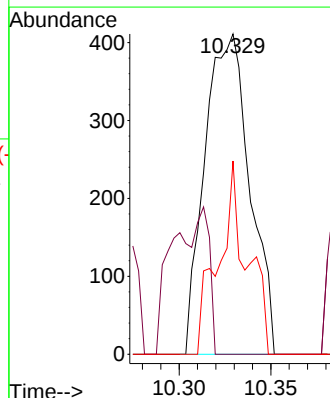
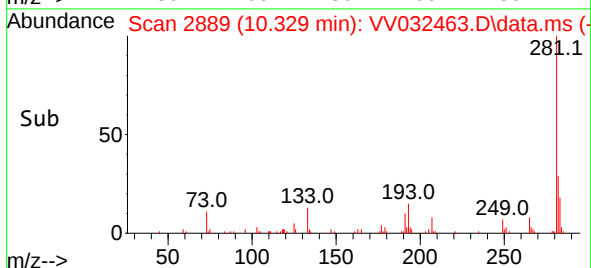
Tgt Ion:173 Resp: 7126
Ion Ratio Lower Upper
173 100
175 51.9 38.2 57.2
254 10.6 7.0 10.4#

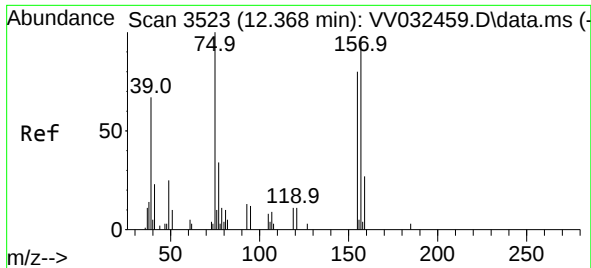


#61
1,2,3-Trichloropropane
Concen: 0.126 ug/L
RT: 10.329 min Scan# 2889
Delta R.T. 0.116 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53



Tgt Ion: 75 Resp: 701
Ion Ratio Lower Upper
75 100
77 14.0 26.2 39.2#
110 29.0 30.6 46.0#

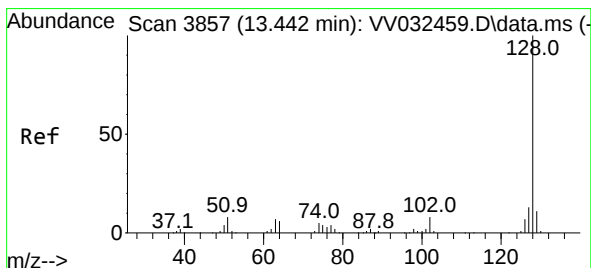
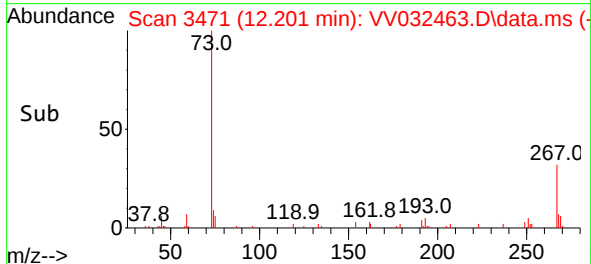
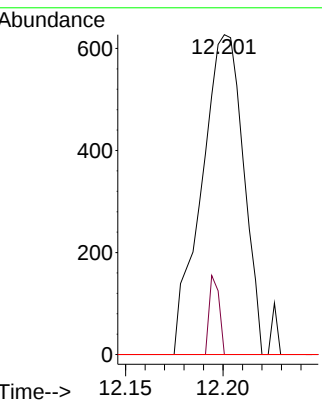
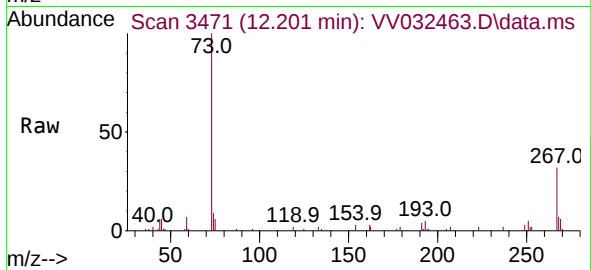




#68
1,2-Dibromo-3-chloropropane
Concen: 0.825 ug/L
RT: 12.201 min Scan# 34
Delta R.T. -0.167 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 938
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#



#71
Naphthalene
Concen: 0.198 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.007 min
Lab File: VV032463.D
Acq: 18 Oct 2023 11:53

Tgt Ion: 128 Resp: 4233
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.7 10.2 15.2

