

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102023\
 Data File : VW032518.D
 Acq On : 20 Oct 2023 12:40
 Operator : SY/MD
 Sample : 04950-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 23:05:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 23:03:10 2023
 Response via : Initial Calibration

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

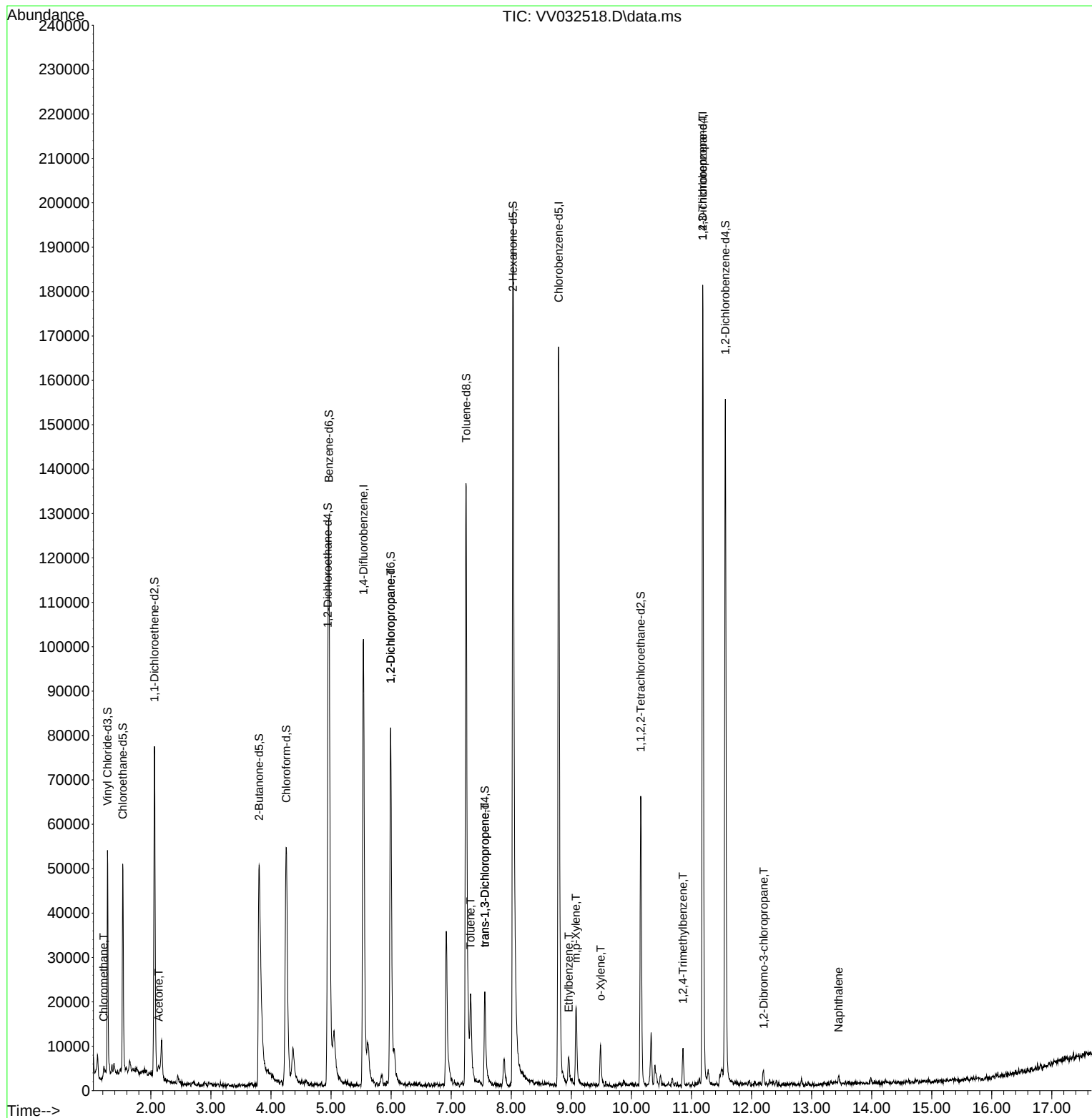
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	84345	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	95262	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31153	4.541	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.532	69	28718	5.157	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.060	65	12519	4.327	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.600%	
20) 2-Butanone-d5	3.802	46	87774	50.582	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.160%	
24) Chloroform-d	4.252	84	57480	4.750	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	4.947	65	31487	5.493	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.800%	
32) Benzene-d6	4.963	84	113740	4.058	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
36) 1,2-Dichloropropane-d6	5.992	67	37897	4.081	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.600%	
41) Toluene-d8	7.249	98	98964	3.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	7.561	79	14045	4.268	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.030	63	72857	47.053	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.100%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32212	4.959	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	38128	4.639	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1407	0.148	ug/L	100
13) Acetone	2.130	43	3193	2.387	ug/L	65
37) 1,2-Dichloropropane	5.992	63	4920	0.549	ug/L #	87
42) Toluene	7.323	91	14874	0.416	ug/L	91
44) trans-1,3-Dichloropropene	7.561	75	858	0.082	ug/L #	80
52) Ethylbenzene	8.956	91	3840	0.096	ug/L	98
53) m,p-Xylene	9.079	106	5155	0.349	ug/L	98
54) o-Xylene	9.487	106	2379	0.167	ug/L	96
61) 1,2,3-Trichloropropane	11.188	75	5908	1.253	ug/L #	62
63) 1,2,4-Trimethylbenzene	10.860	105	4448	0.159	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.204	75	203	0.211	ug/L #	1
71) Naphthalene	13.451	128	1628	0.090	ug/L #	84

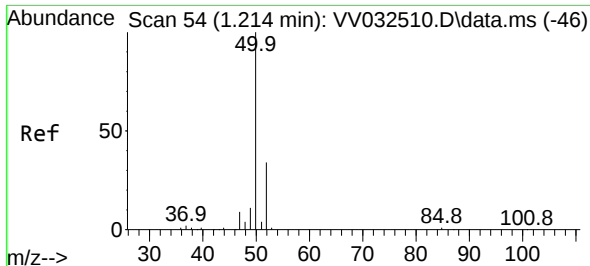
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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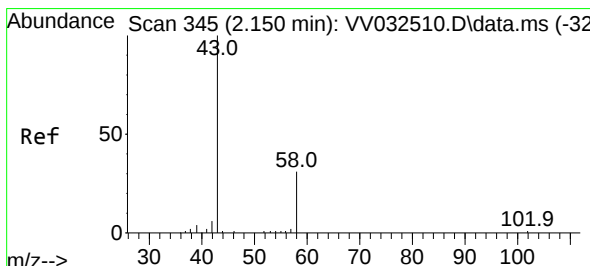
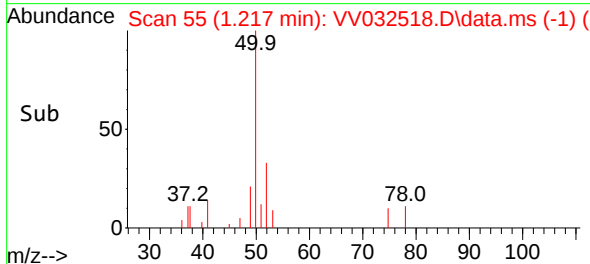
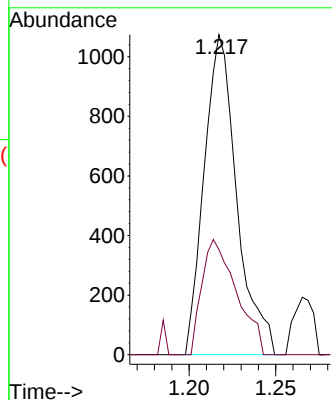
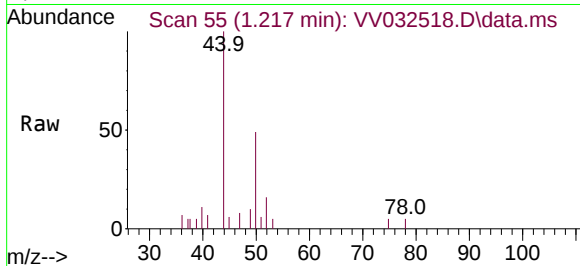




#3
Chloromethane
Concen: 0.148 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

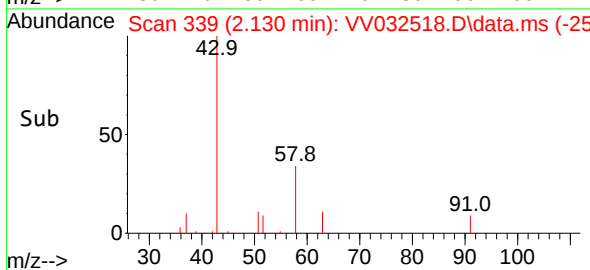
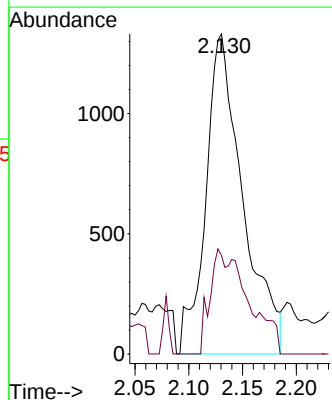
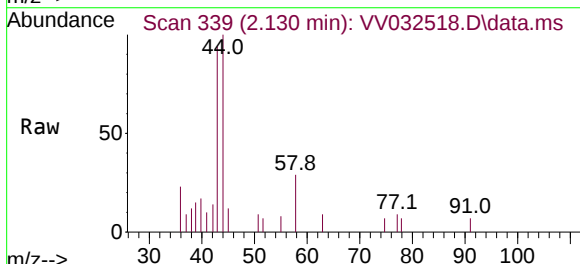
Instrument :
MSVOA_V
ClientSampleId :

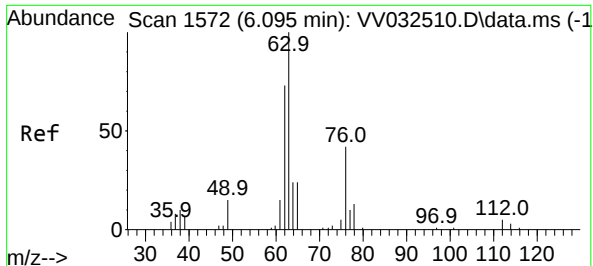
Tgt Ion: 50 Resp: 1407
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.6



#13
Acetone
Concen: 2.387 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.019 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

Tgt Ion: 43 Resp: 3193
Ion Ratio Lower Upper
43 100
58 13.4 0.0 66.0





#37

1,2-Dichloropropane

Concen: 0.549 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV032518.D

Acq: 20 Oct 2023 12:40

Instrument :

MSVOA_V

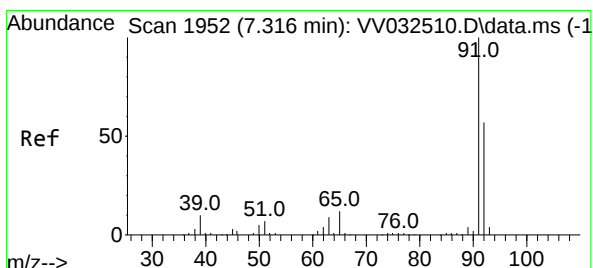
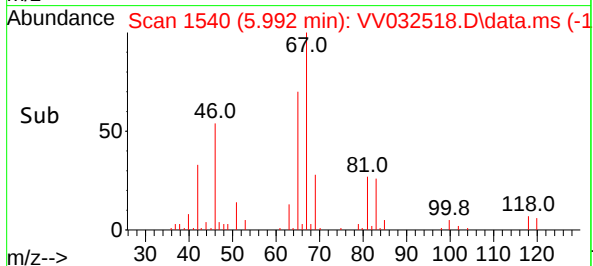
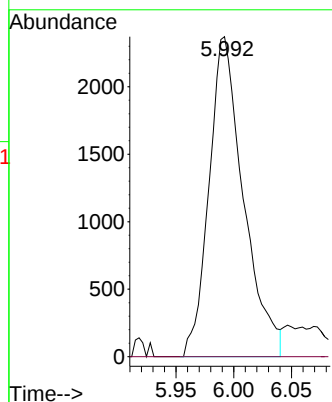
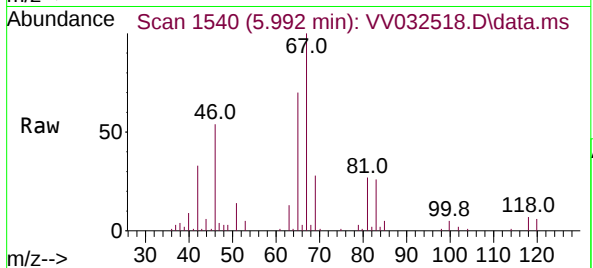
ClientSampleId :

Tgt Ion: 63 Resp: 4920

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#42

Toluene

Concen: 0.416 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV032518.D

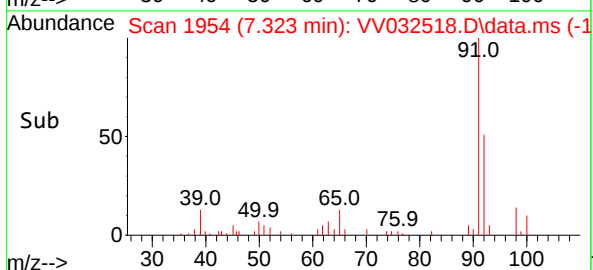
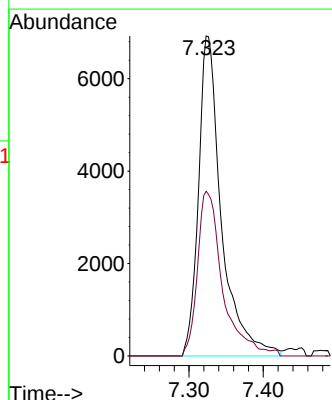
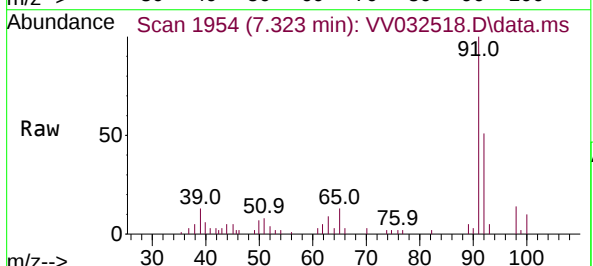
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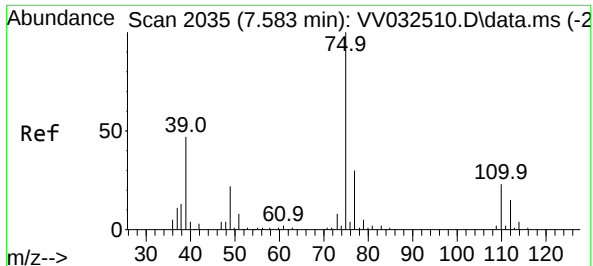
Tgt Ion: 91 Resp: 14874

Ion Ratio Lower Upper

91 100

92 51.4 40.8 75.8

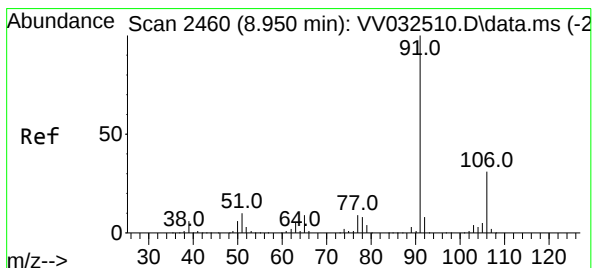
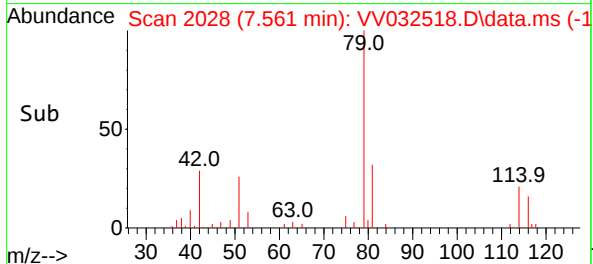
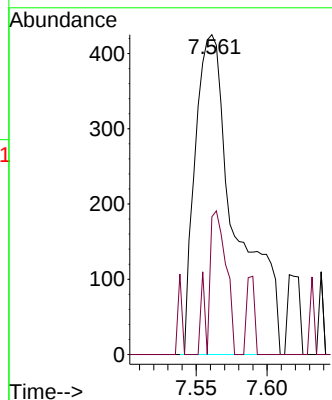
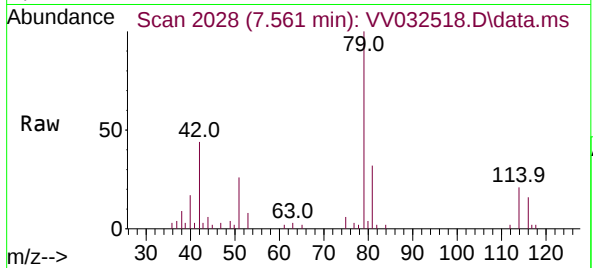




#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.561 min Scan# 2035
Delta R.T. -0.022 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

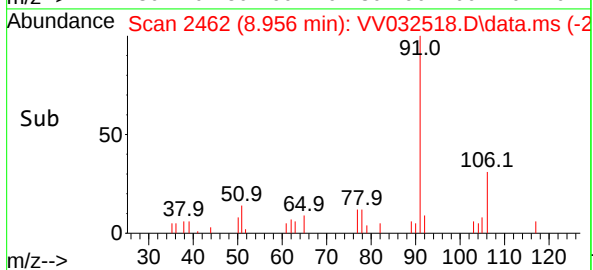
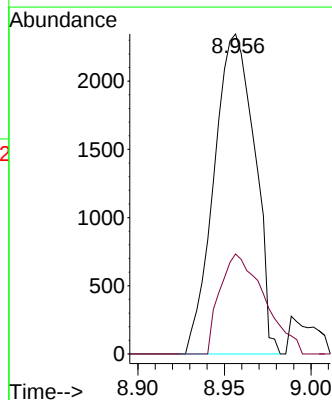
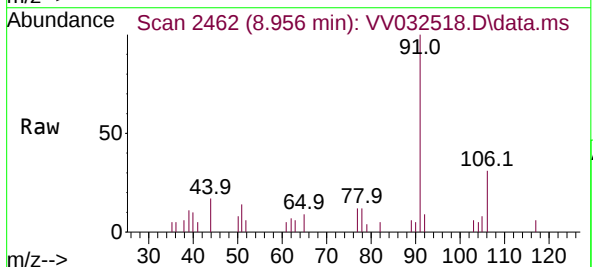
Instrument :
MSVOA_V
ClientSampleId :

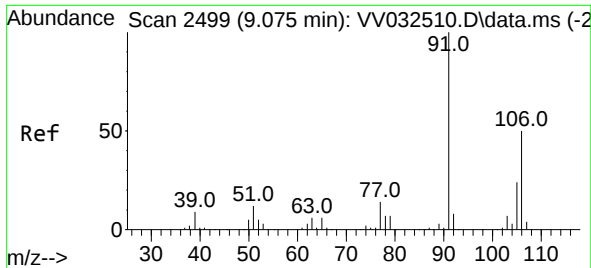
Tgt Ion: 75 Resp: 858
Ion Ratio Lower Upper
75 100
77 43.1 22.5 41.7#



#52
Ethylbenzene
Concen: 0.096 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.007 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

Tgt Ion: 91 Resp: 3840
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5

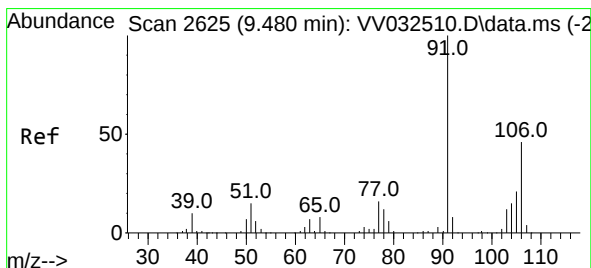
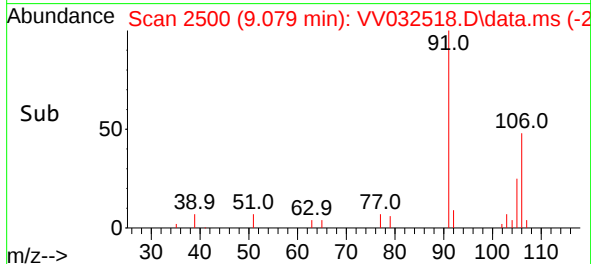
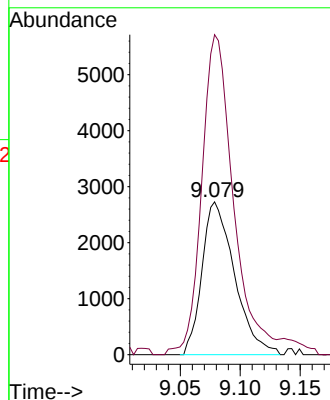
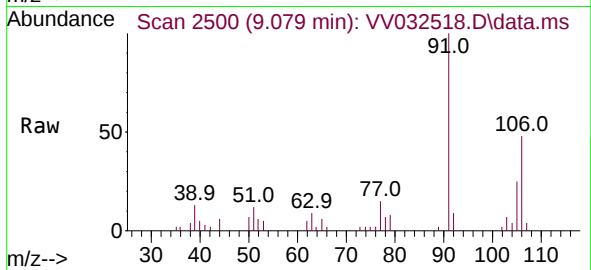




#53
m,p-Xylene
Concen: 0.349 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

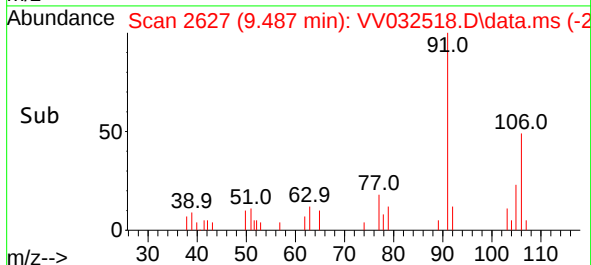
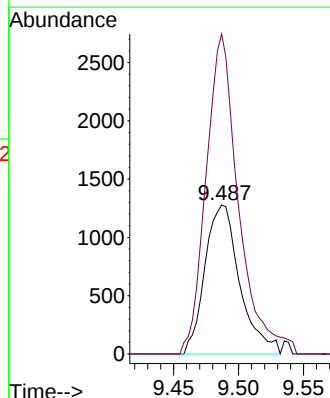
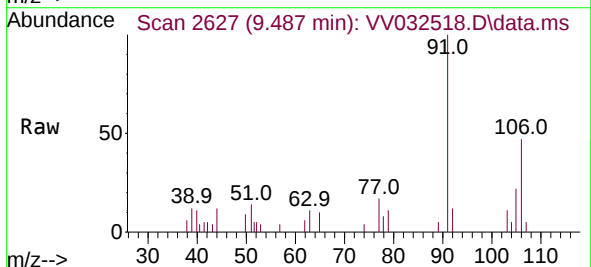
Instrument :
MSVOA_V
ClientSampleId :

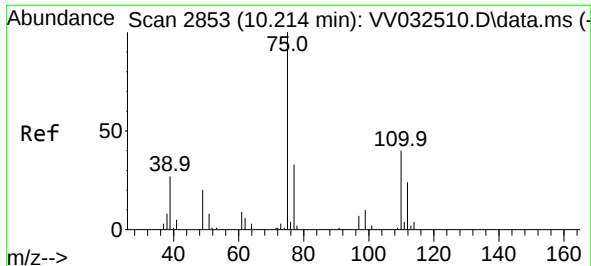
Tgt Ion:106 Resp: 5155
Ion Ratio Lower Upper
106 100
91 209.5 144.5 268.3



#54
o-Xylene
Concen: 0.167 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.007 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

Tgt Ion:106 Resp: 2379
Ion Ratio Lower Upper
106 100
91 214.8 154.8 287.4





#61

1,2,3-Trichloropropane

Concen: 1.253 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032518.D

Acq: 20 Oct 2023 12:40

Instrument :

MSVOA_V

ClientSampleId :

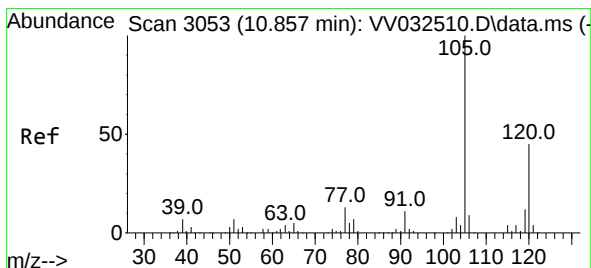
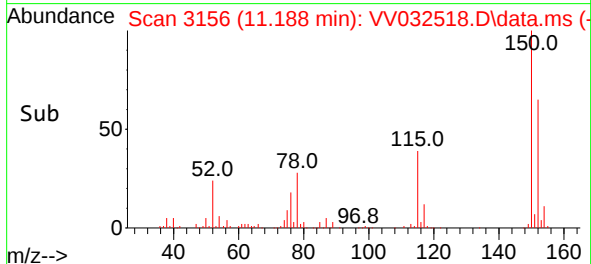
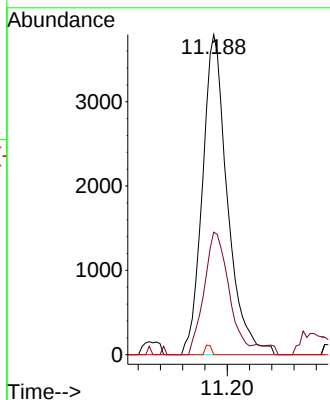
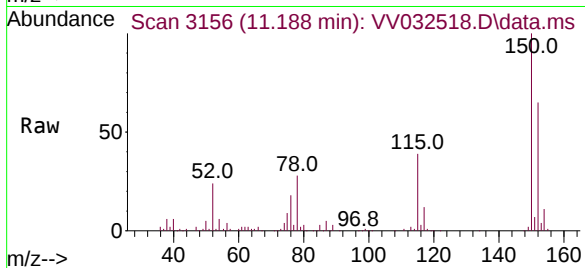
Tgt Ion: 75 Resp: 5908

Ion Ratio Lower Upper

75 100

77 38.3 26.2 39.2

110 0.7 30.6 46.0#



#63

1,2,4-Trimethylbenzene

Concen: 0.159 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV032518.D

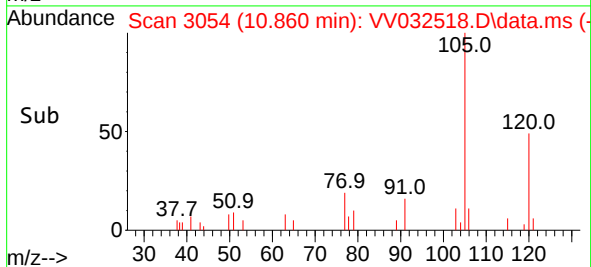
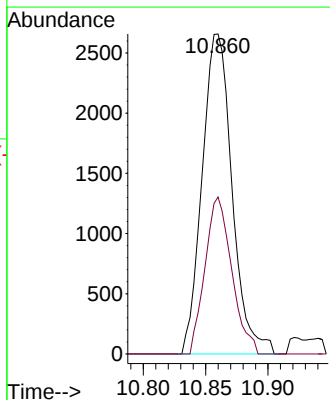
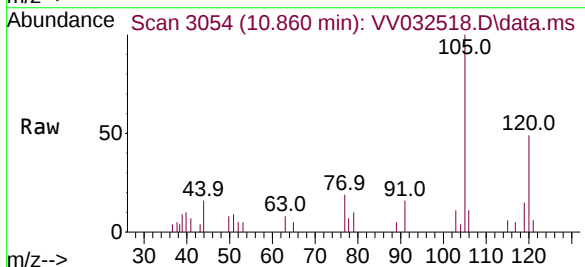
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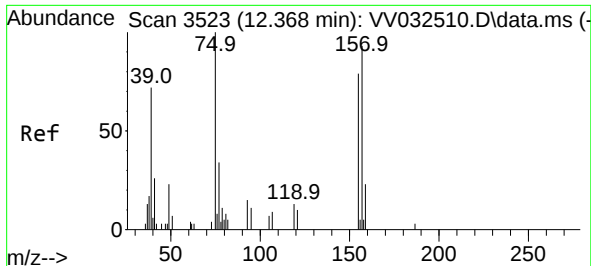
Tgt Ion: 105 Resp: 4448

Ion Ratio Lower Upper

105 100

120 43.7 36.2 54.4

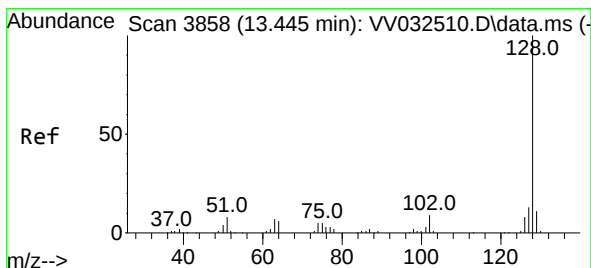
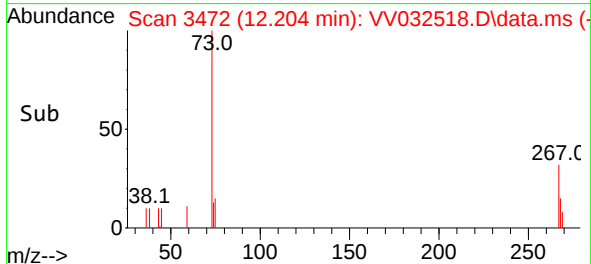
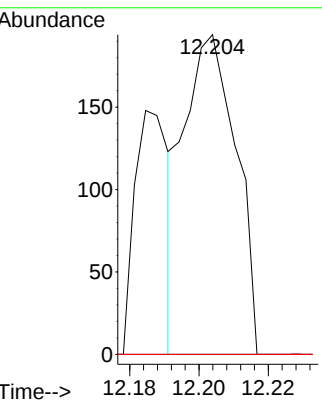
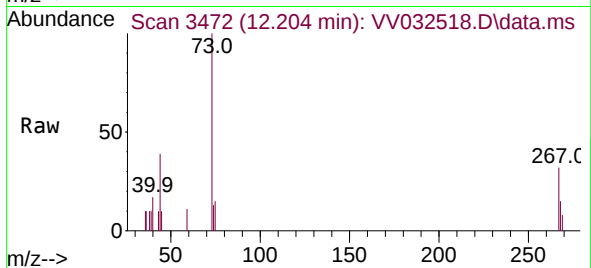




#68
1,2-Dibromo-3-chloropropane
Concen: 0.211 ug/L
RT: 12.204 min Scan# 34
Delta R.T. -0.164 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 203
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#



#71
Naphthalene
Concen: 0.090 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.007 min
Lab File: VV032518.D
Acq: 20 Oct 2023 12:40

Tgt Ion: 128 Resp: 1628
Ion Ratio Lower Upper
128 100
129 7.6 9.0 13.4#
127 4.2 10.2 15.2#

