

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052723\
 Data File : VW031258.D
 Acq On : 26 May 2023 20:07
 Operator : SY/MD
 Sample : 02963-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

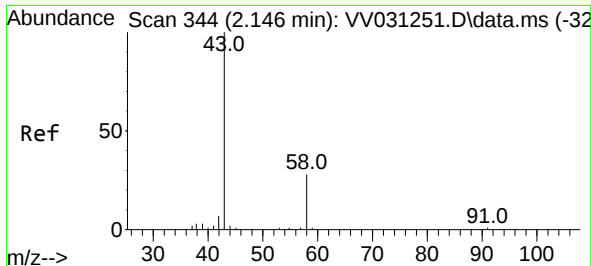
Instrument :
 MSVOA_V
 ClientSampleId :
 COP05

Quant Time: May 27 01:47:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 27 01:45:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	111231	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	107374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	63428	5.145	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.535	69	51711	5.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.063	65	27931	5.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.600%
20) 2-Butanone-d5	3.815	46	171390	64.595	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.200%
24) Chloroform-d	4.259	84	143000	5.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
26) 1,2-Dichloroethane-d4	4.953	65	71318	5.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
32) Benzene-d6	4.969	84	228825	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	5.998	67	62786	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.252	98	144530	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.561	79	19623	4.067	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.034	63	87077	44.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	55257	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	72074	5.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
13) Acetone	2.143	43	4221	2.024	ug/L	83
34) Trichloroethene	5.844	95	20821	1.937	ug/L	94
35) Methylcyclohexane	5.995	83	14450	0.972	ug/L #	12
37) 1,2-Dichloropropane	5.998	63	6827	0.582	ug/L #	90
42) Toluene	7.323	91	115846	2.946	ug/L	98
52) Ethylbenzene	8.960	91	2068	0.048	ug/L	98
53) m,p-Xylene	9.088	106	1784	0.111	ug/L	86
54) o-Xylene	9.497	106	860	0.056	ug/L	60
61) 1,2,3-Trichloropropane	11.194	75	7371	1.200	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.207	75	286	0.221	ug/L #	3

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



#13

Acetone

Concen: 2.024 ug/L

RT: 2.143 min Scan# 344

Delta R.T. -0.003 min

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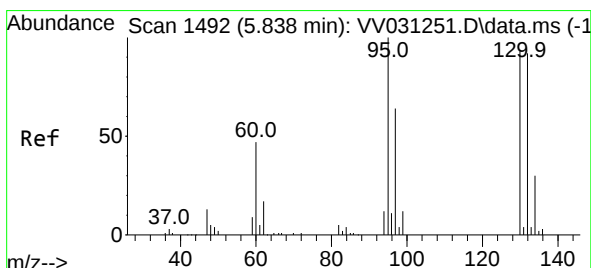
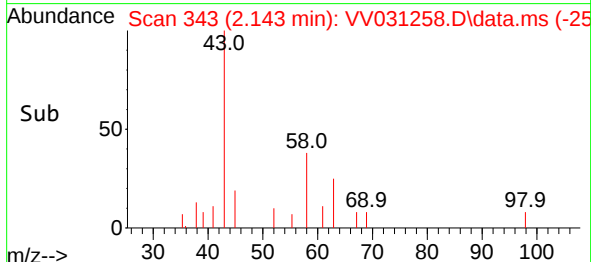
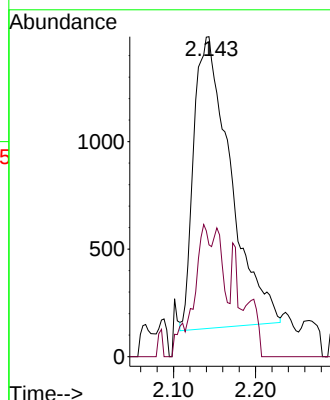
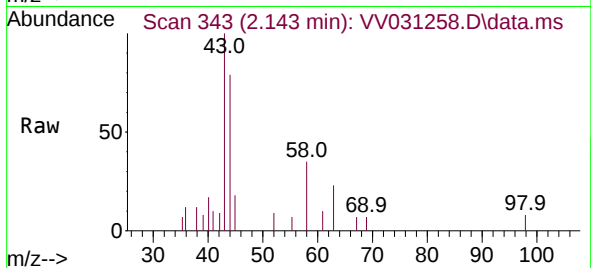
COP05

Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

43 100

58 21.8 0.0 62.2



#34

Trichloroethene

Concen: 1.937 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VV031258.D

Acq: 26 May 2023 20:07

Tgt Ion: 95 Resp: 20821

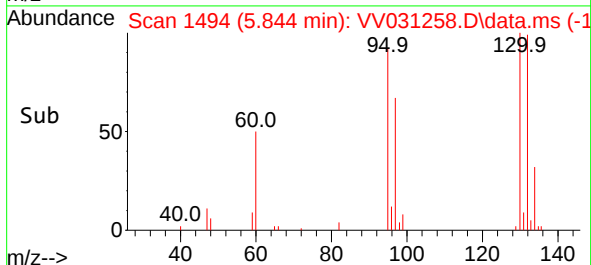
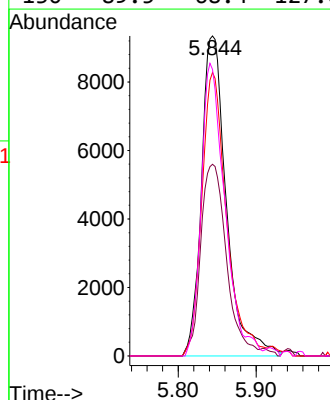
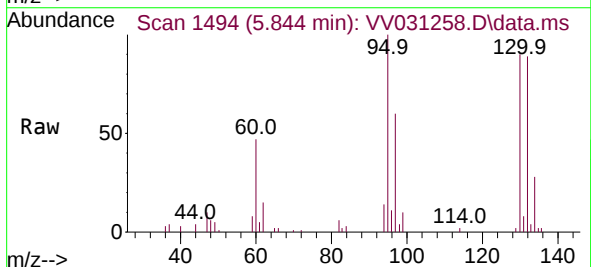
Ion Ratio Lower Upper

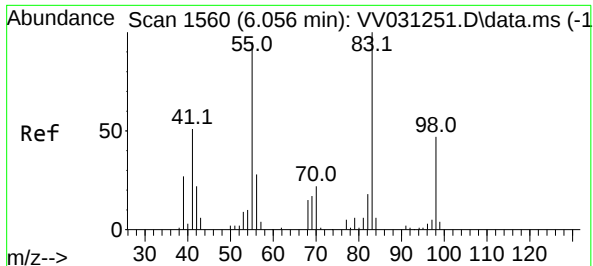
95 100

97 59.9 44.8 83.2

132 88.6 64.8 120.4

130 89.5 68.4 127.0





#35

Methylcyclohexane

Concen: 0.972 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV031258.D

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Instrument :

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ClientSampleId :

COP05

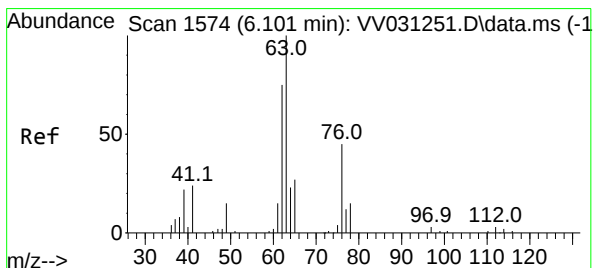
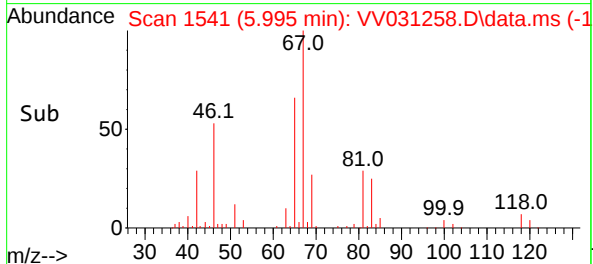
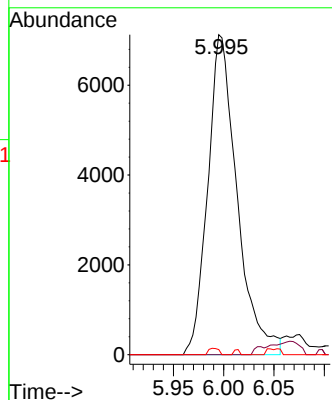
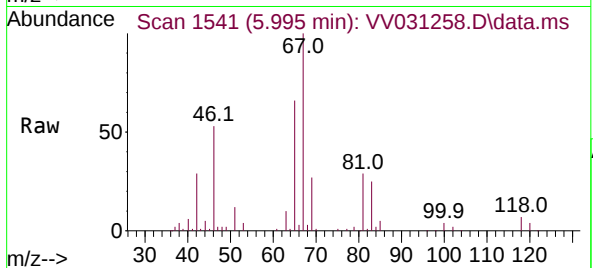
Tgt Ion: 83 Resp: 14450

Ion Ratio Lower Upper

83 100

55 0.0 74.4 111.6#

98 0.7 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.103 min

Lab File: VV031258.D

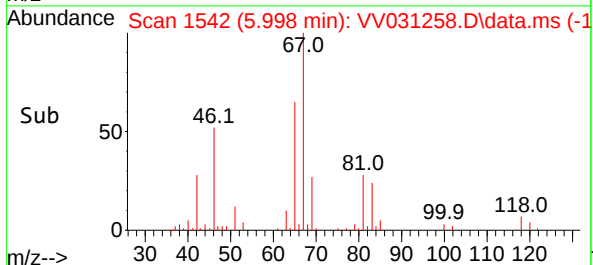
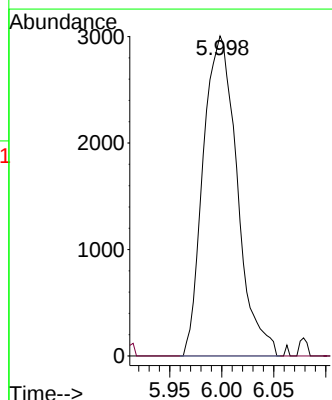
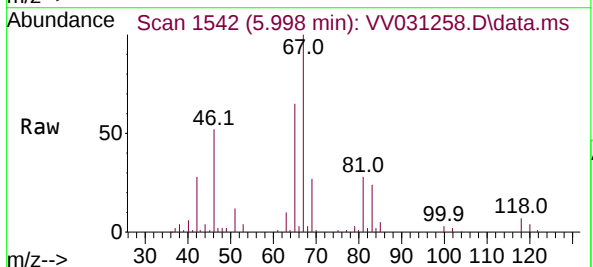
Acq: 26 May 2023 20:07

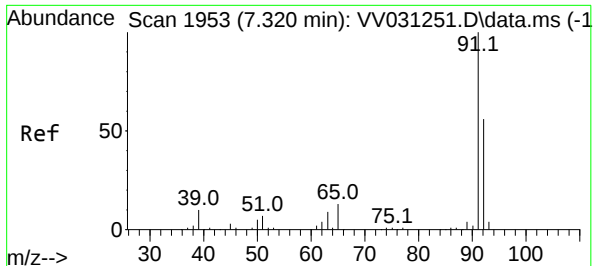
Tgt Ion: 63 Resp: 6827

Ion Ratio Lower Upper

63 100

112 0.6 3.2 4.8#





#42

Toluene

Concen: 2.946 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031258.D

Acq: 26 May 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

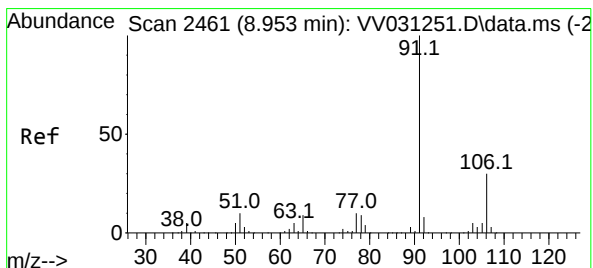
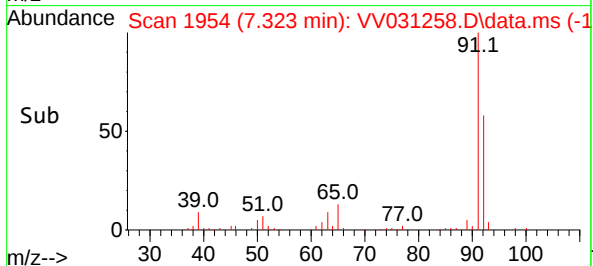
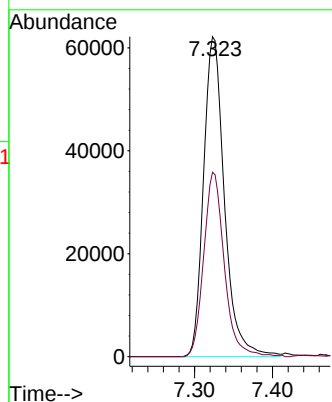
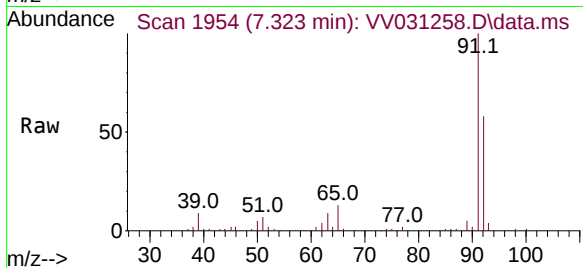
C0P05

Tgt Ion: 91 Resp: 115846

Ion Ratio Lower Upper

91 100

92 57.7 39.4 73.2



#52

Ethylbenzene

Concen: 0.048 ug/L

RT: 8.960 min Scan# 2463

Delta R.T. 0.006 min

Lab File: VV031258.D

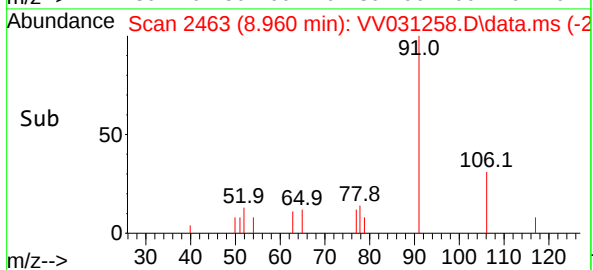
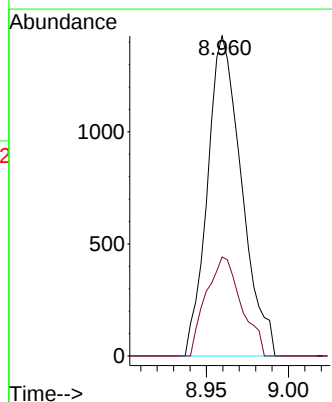
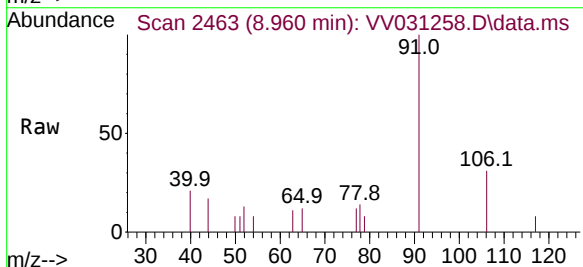
Acq: 26 May 2023 20:07

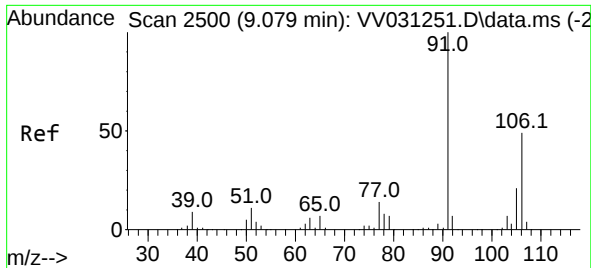
Tgt Ion: 91 Resp: 2068

Ion Ratio Lower Upper

91 100

106 31.0 21.1 39.1

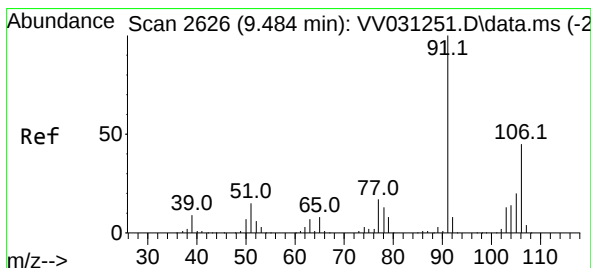
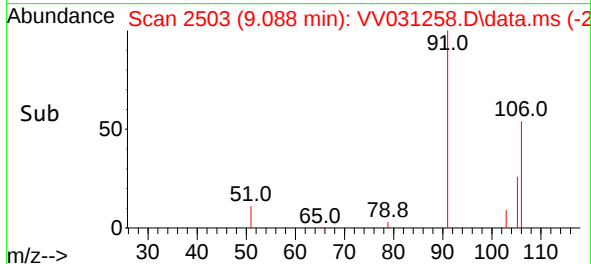
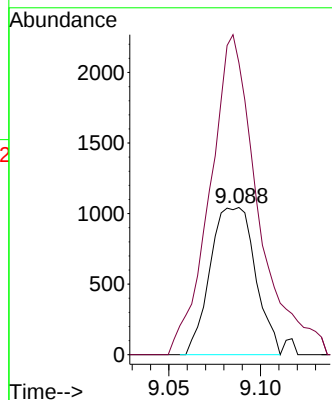
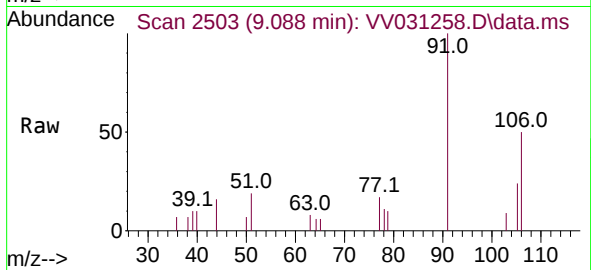




#53
m,p-Xylene
Concen: 0.111 ug/L
RT: 9.088 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV031258.D
Acq: 26 May 2023 20:07

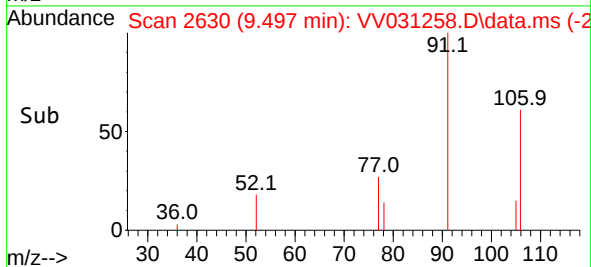
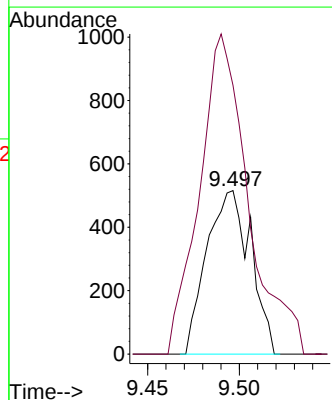
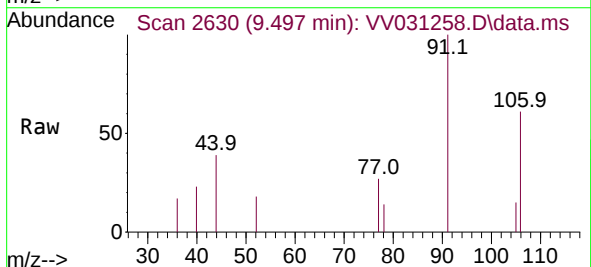
Instrument :
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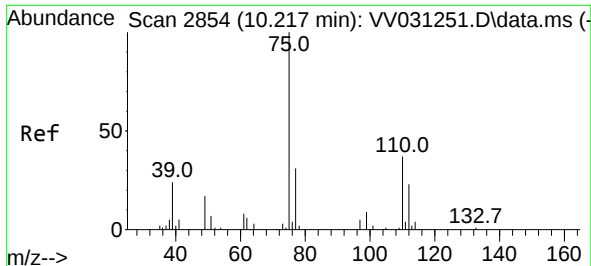
Tgt Ion:106 Resp: 1784
Ion Ratio Lower Upper
106 100
91 198.3 154.7 287.3



#54
o-Xylene
Concen: 0.056 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.013 min
Lab File: VV031258.D
Acq: 26 May 2023 20:07

Tgt Ion:106 Resp: 860
Ion Ratio Lower Upper
106 100
91 164.3 161.3 299.7

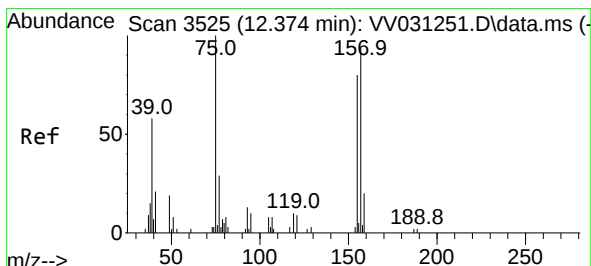
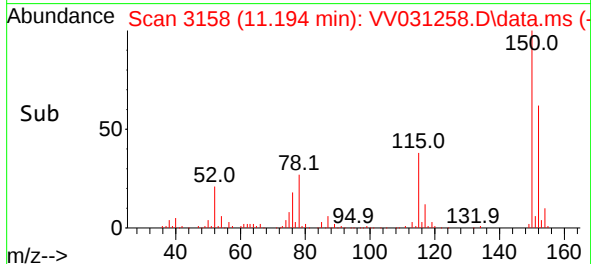
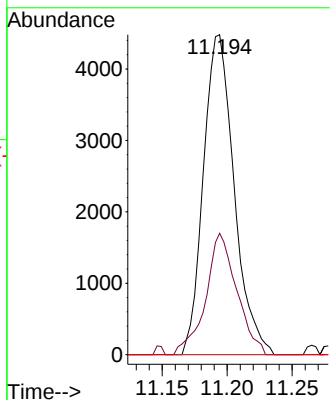
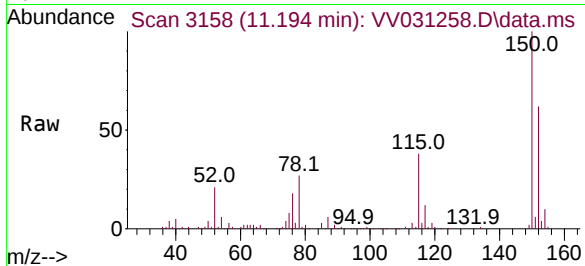




#61
1,2,3-Trichloropropane
Concen: 1.200 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV031258.D
Acq: 26 May 2023 20:07

Instrument :
MSVOA_V
ClientSampleId :
COP05

Tgt Ion: 75 Resp: 7371
Ion Ratio Lower Upper
75 100
77 38.3 26.6 40.0
110 0.0 29.8 44.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.221 ug/L
RT: 12.207 min Scan# 3473
Delta R.T. -0.167 min
Lab File: VV031258.D
Acq: 26 May 2023 20:07

Tgt Ion: 75 Resp: 286
Ion Ratio Lower Upper
75 100
155 0.0 64.6 96.8#
157 0.0 84.1 126.1#

