

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052723\
 Data File : VW031261.D
 Acq On : 26 May 2023 21:23
 Operator : SY/MD
 Sample : 02963-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0P08

Quant Time: May 27 01:48:52 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)

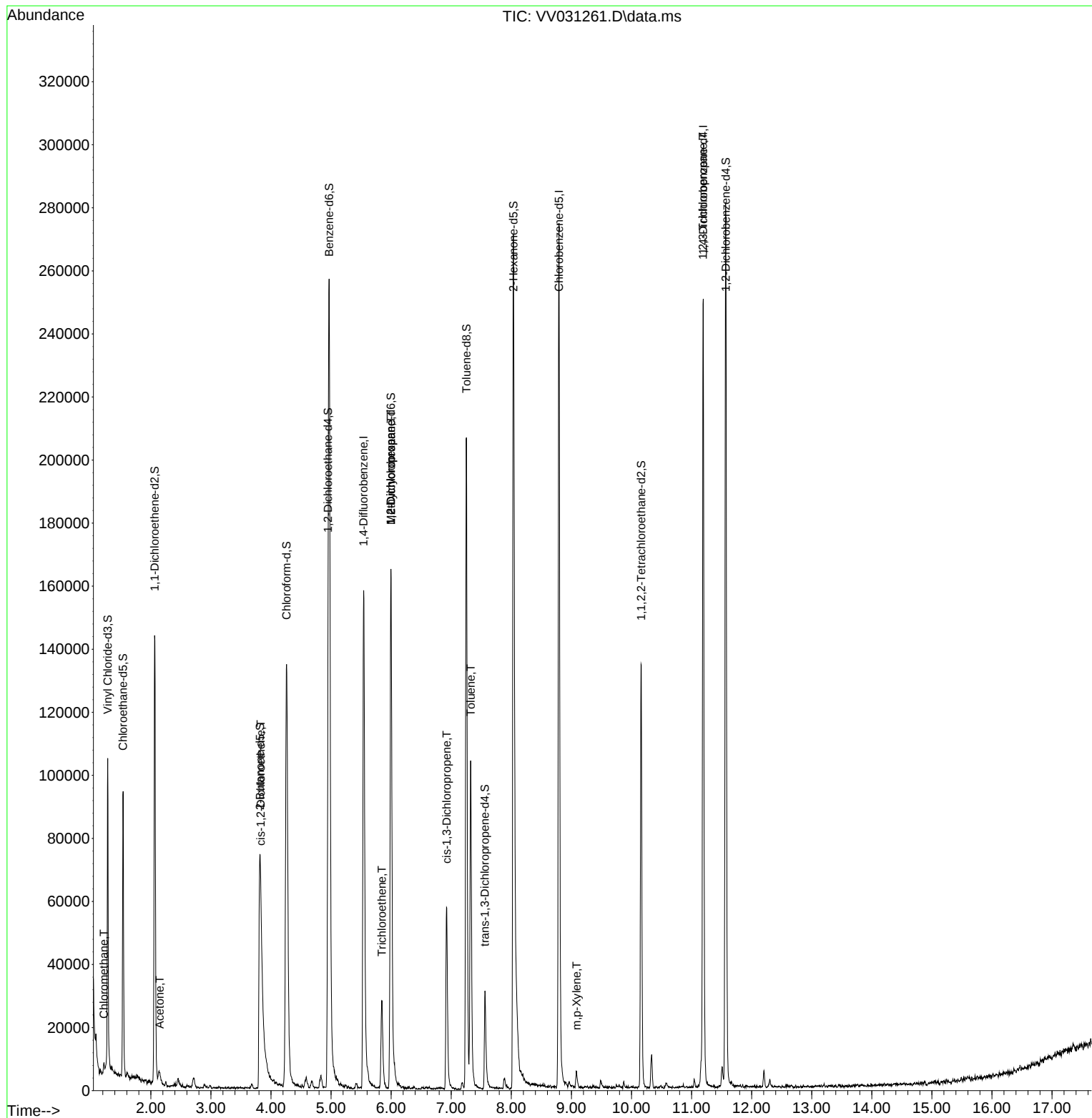
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	128094	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	150670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	62289	4.388	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.536	69	58752	5.305	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.063	65	25344	4.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	3.815	46	176337	57.711	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.420%
24) Chloroform-d	4.259	84	151329	5.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	4.950	65	68063	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.969	84	222418	3.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	5.995	67	82965	3.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.800%
41) Toluene-d8	7.252	98	143635	2.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	52.200%#
43) trans-1,3-Dichloroprop...	7.561	79	20531	3.033	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.600%
46) 2-Hexanone-d5	8.034	63	105395	38.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.260%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	66624	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	70710	4.677	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1191	0.077	ug/L #	59
13) Acetone	2.146	43	4069	1.695	ug/L	79
22) cis-1,2-Dichloroethene	3.831	96	1264	0.114	ug/L	85
34) Trichloroethene	5.847	95	10161	0.674	ug/L	96
35) Methylcyclohexane	5.995	83	20260	0.971	ug/L #	13
37) 1,2-Dichloropropane	5.995	63	9120	0.554	ug/L #	89
39) cis-1,3-Dichloropropene	6.924	75	1835	0.094	ug/L #	71
42) Toluene	7.323	91	77371	1.402	ug/L	100
53) m,p-Xylene	9.088	106	1402	0.062	ug/L	80
61) 1,2,3-Trichloropropane	11.191	75	8048	1.143	ug/L #	68

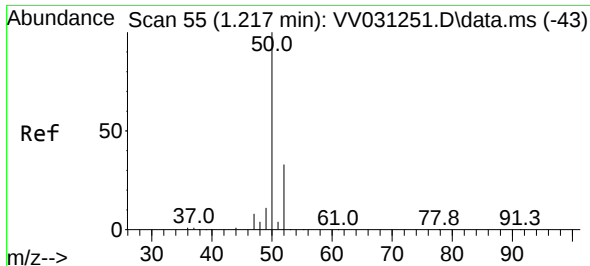
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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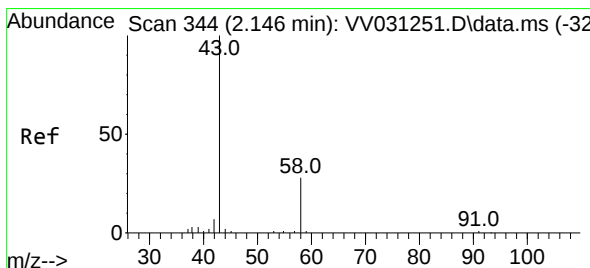
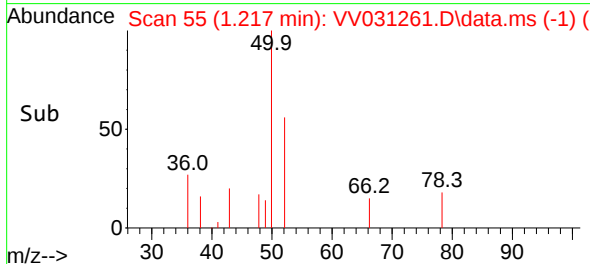
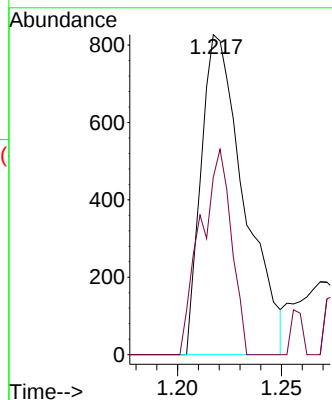
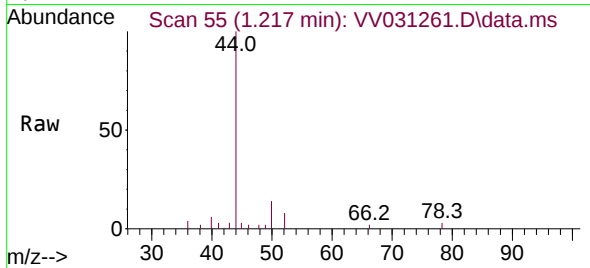




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031261.D
Acq: 26 May 2023 21:23

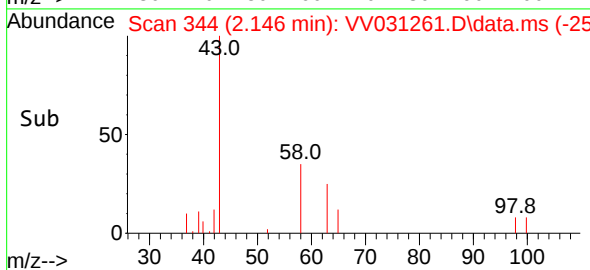
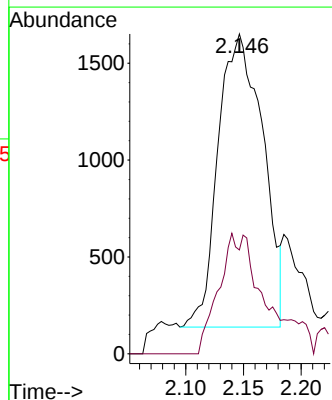
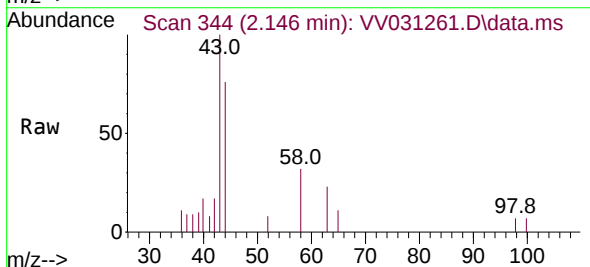
Instrument :
MSVOA_V
ClientSampleId :
COP08

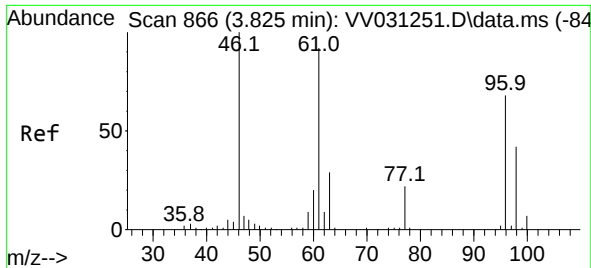
Tgt Ion: 50 Resp: 1191
Ion Ratio Lower Upper
50 100
52 55.5 22.7 42.1#



#13
Acetone
Concen: 1.695 ug/L
RT: 2.146 min Scan# 344
Delta R.T. 0.000 min
Lab File: VV031261.D
Acq: 26 May 2023 21:23

Tgt Ion: 43 Resp: 4069
Ion Ratio Lower Upper
43 100
58 19.3 0.0 62.2





#22

cis-1,2-Dichloroethene

Concen: 0.114 ug/L

RT: 3.831 min Scan# 866

Delta R.T. 0.006 min

Lab File: VV031261.D

Acq: 26 May 2023 21:23

Instrument :

MSVOA_V

ClientSampleId :

COP08

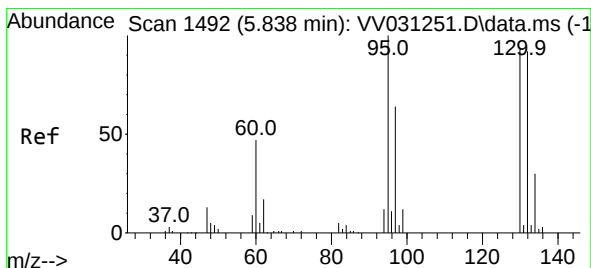
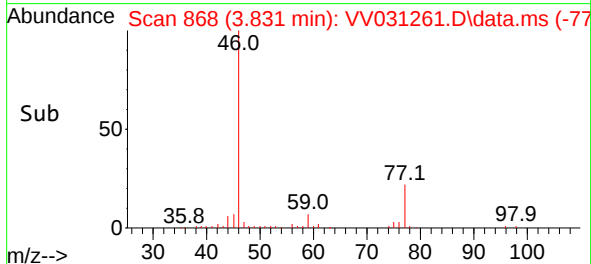
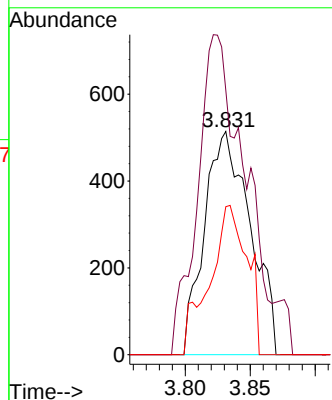
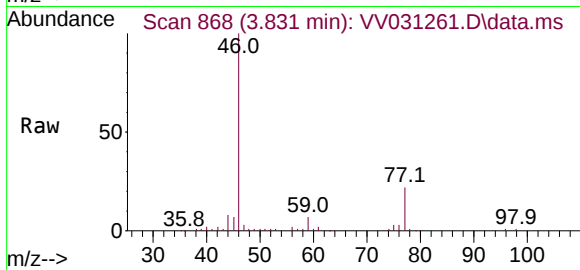
Tgt Ion: 96 Resp: 1264

Ion Ratio Lower Upper

96 100

61 118.5 98.2 182.4

98 66.3 42.8 79.6



#34

Trichloroethene

Concen: 0.674 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031261.D

Acq: 26 May 2023 21:23

Tgt Ion: 95 Resp: 10161

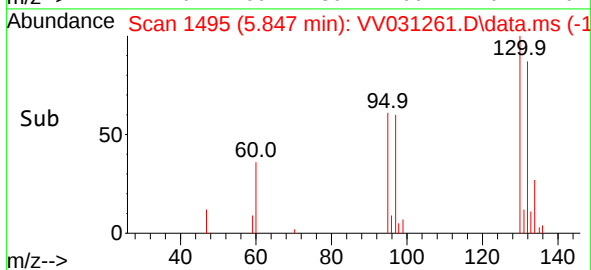
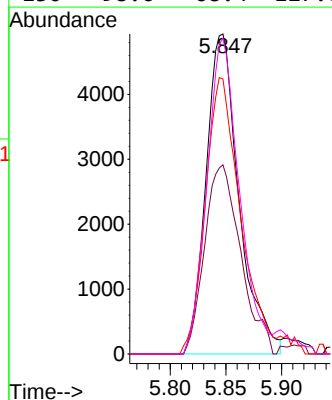
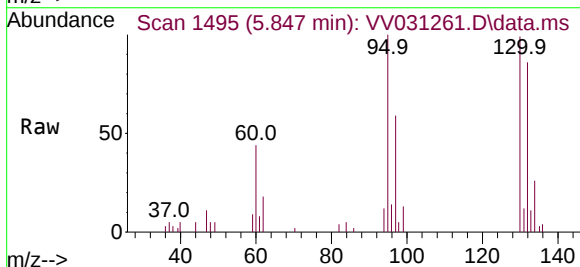
Ion Ratio Lower Upper

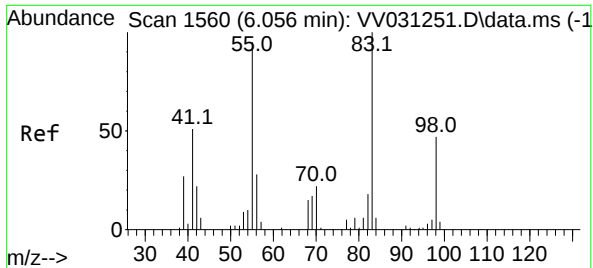
95 100

97 59.1 44.8 83.2

132 85.9 64.8 120.4

130 98.6 68.4 127.0

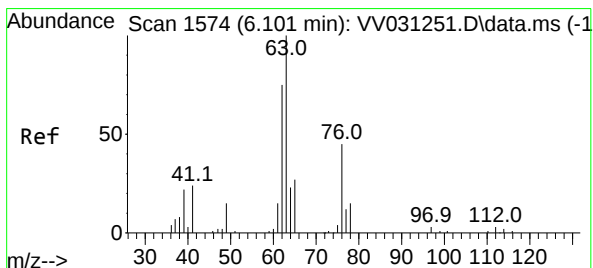
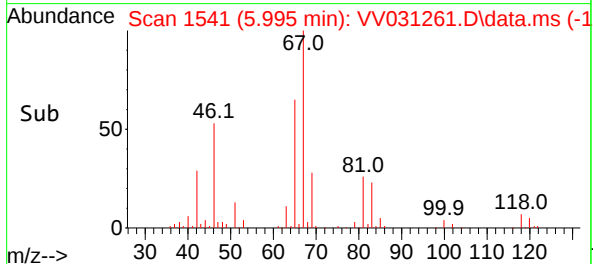
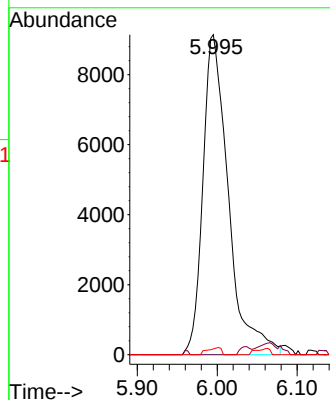
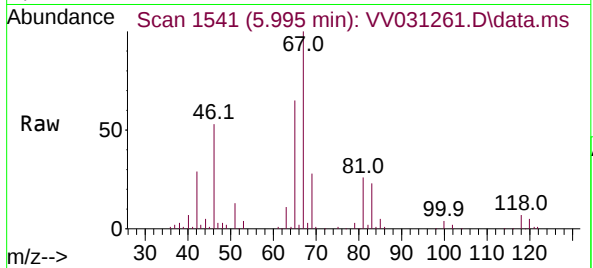




#35
Methylcyclohexane
Concen: 0.971 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV031261.D
Acq: 26 May 2023 21:23

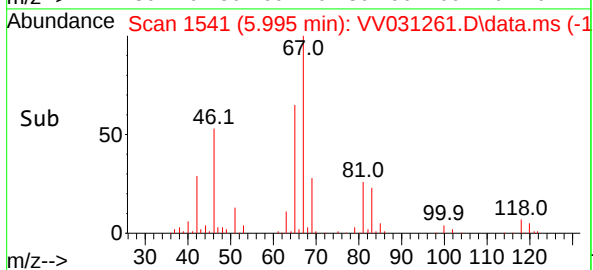
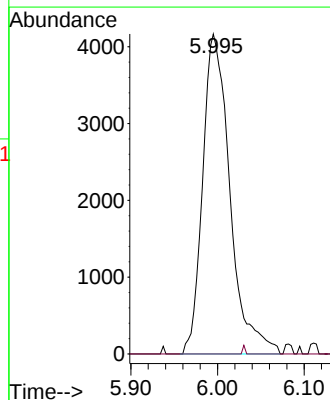
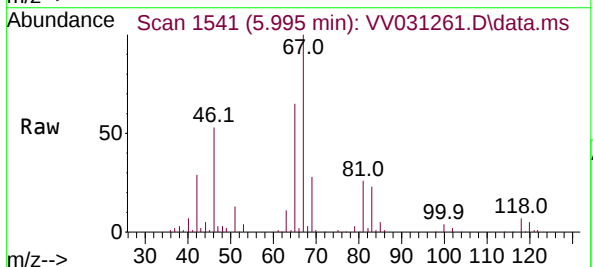
Instrument :
MSVOA_V
ClientSampleId :
COP08

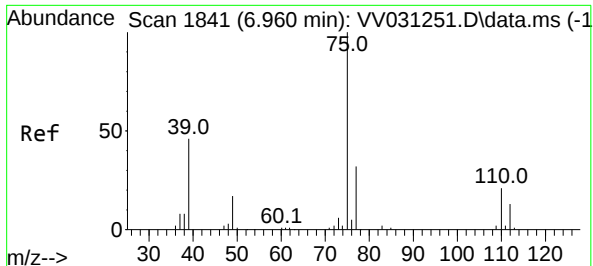
Tgt Ion: 83 Resp: 20260
Ion Ratio Lower Upper
83 100
55 1.1 74.4 111.6#
98 1.2 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.106 min
Lab File: VV031261.D
Acq: 26 May 2023 21:23

Tgt Ion: 63 Resp: 9120
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.035 min

Lab File: VV031261.D

Acq: 26 May 2023 21:23

Instrument :

MSVOA_V

ClientSampleId :

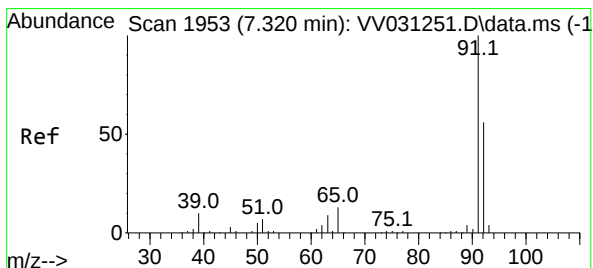
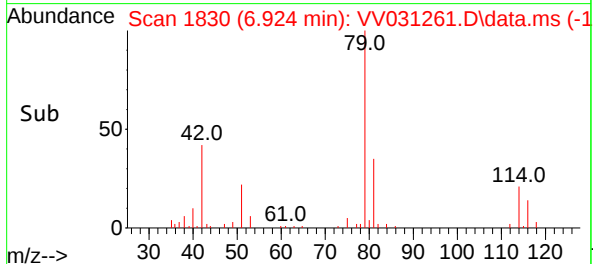
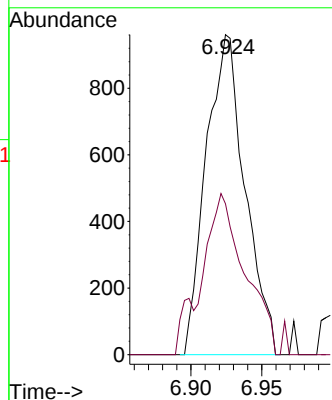
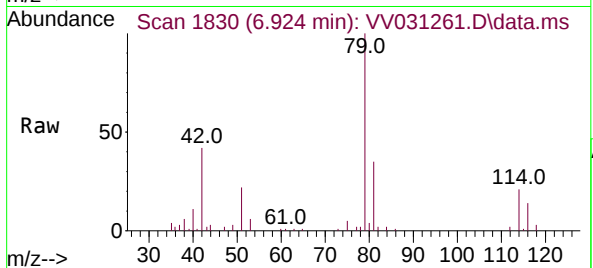
COP08

Tgt Ion: 75 Resp: 1835

Ion Ratio Lower Upper

75 100

77 47.1 21.9 40.7#



#42

Toluene

Concen: 1.402 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV031261.D

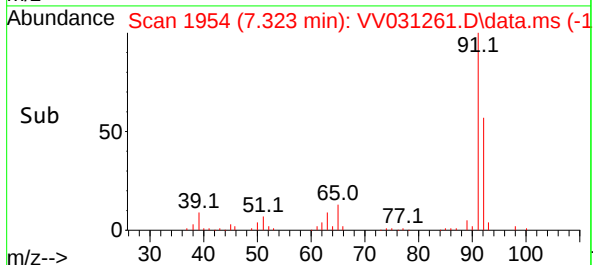
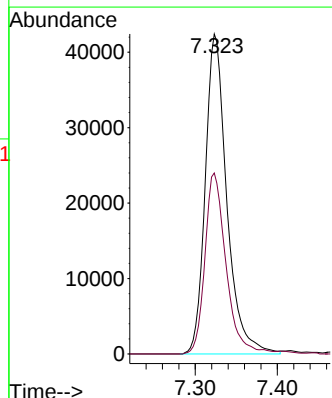
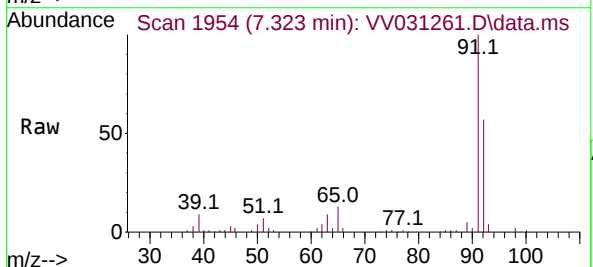
Acq: 26 May 2023 21:23

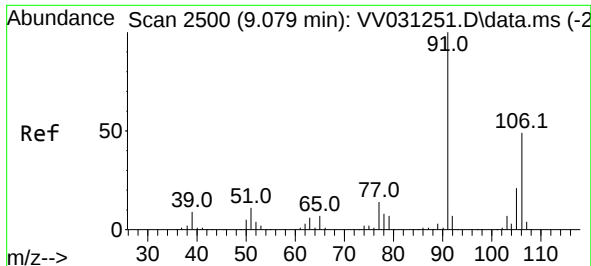
Tgt Ion: 91 Resp: 77371

Ion Ratio Lower Upper

91 100

92 56.5 39.4 73.2

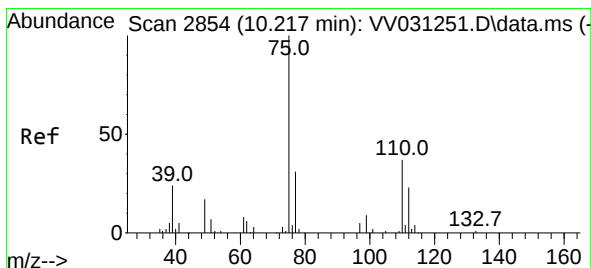
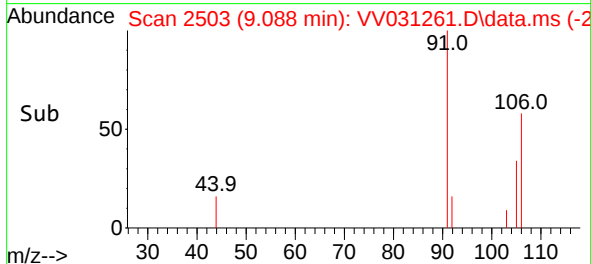
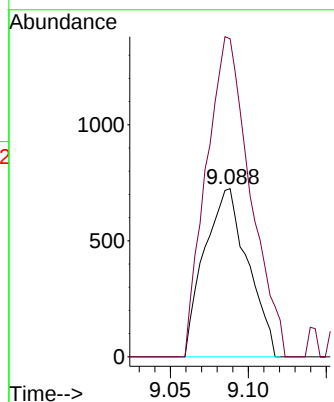
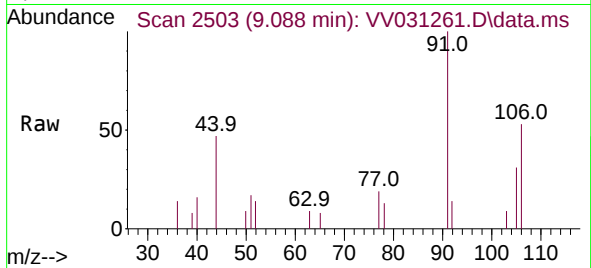




#53
 m,p-Xylene
 Concen: 0.062 ug/L
 RT: 9.088 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV031261.D
 Acq: 26 May 2023 21:23

Instrument :
 MSVOA_V
 ClientSampleId :
 COP08

Tgt Ion:106 Resp: 1402
 Ion Ratio Lower Upper
 106 100
 91 189.1 154.7 287.3



#61
 1,2,3-Trichloropropane
 Concen: 1.143 ug/L
 RT: 11.191 min Scan# 3157
 Delta R.T. 0.974 min
 Lab File: VV031261.D
 Acq: 26 May 2023 21:23

Tgt Ion: 75 Resp: 8048
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.6 40.0
 110 1.3 29.8 44.8#

