

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052723\
 Data File : VW031257.D
 Acq On : 26 May 2023 19:42
 Operator : SY/MD
 Sample : 02963-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0P04

Quant Time: May 27 01:47:41 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)

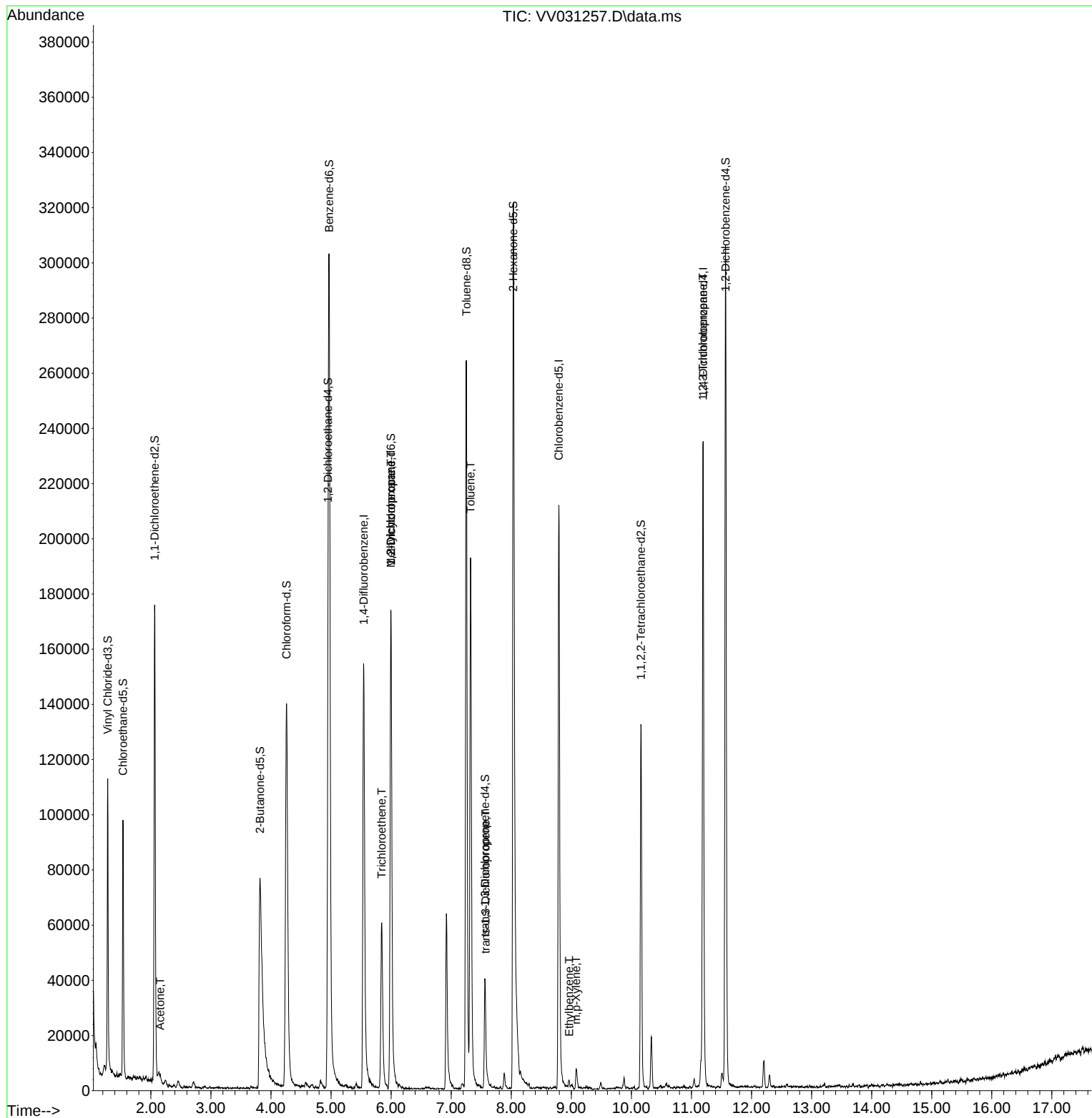
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	132665	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	114505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	68087	4.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.536	69	60552	5.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.063	65	29777	4.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	3.818	46	183677	58.042	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.080%
24) Chloroform-d	4.259	84	152306	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	4.950	65	83088	5.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	4.970	84	267236	5.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
36) 1,2-Dichloropropane-d6	5.995	67	87508	5.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.252	98	184616	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.564	79	26462	5.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.034	63	121877	58.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.040%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	64600	5.720	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	76551	5.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						Qvalue
13) Acetone	2.153	43	4905	1.972	ug/L	93
34) Trichloroethene	5.844	95	22224	1.938	ug/L	97
35) Methylcyclohexane	5.998	83	20509	1.294	ug/L #	13
37) 1,2-Dichloropropane	5.995	63	10223	0.818	ug/L #	88
42) Toluene	7.323	91	140586	3.353	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	1038	0.081	ug/L #	56
52) Ethylbenzene	8.966	91	2030	0.044	ug/L	98
53) m,p-Xylene	9.082	106	1996	0.117	ug/L	91
61) 1,2,3-Trichloropropane	11.191	75	7450	1.145	ug/L #	63

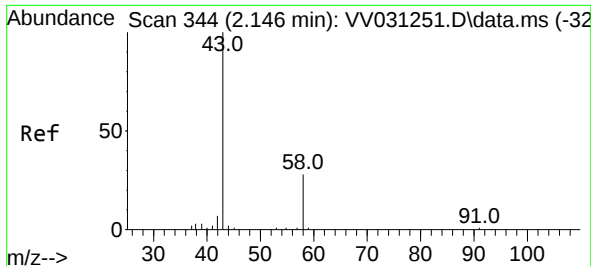
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 27 01:45:01 2023
Response via : Initial Calibration





#13

Acetone

Concen: 1.972 ug/L

RT: 2.153 min Scan# 344

Delta R.T. 0.007 min

Lab File: VV031257.D

Acq: 26 May 2023 19:42

Instrument :

MSVOA_V

ClientSampleId :

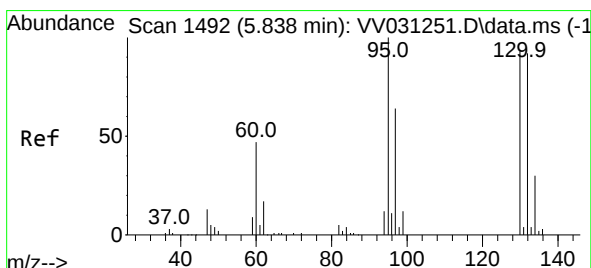
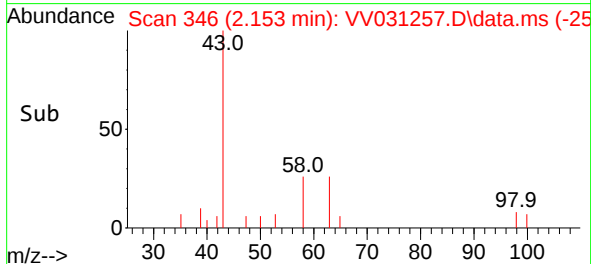
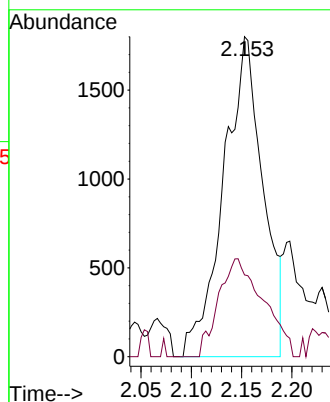
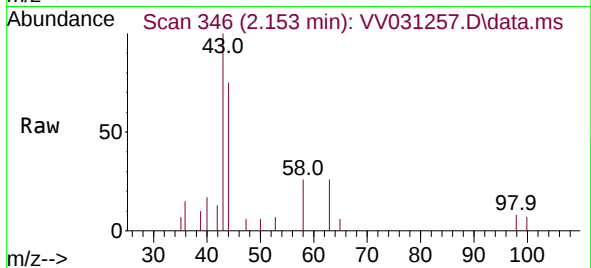
COP04

Tgt Ion: 43 Resp: 4905

Ion Ratio Lower Upper

43 100

58 34.7 0.0 62.2



#34

Trichloroethene

Concen: 1.938 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.007 min

Lab File: VV031257.D

Acq: 26 May 2023 19:42

Tgt Ion: 95 Resp: 22224

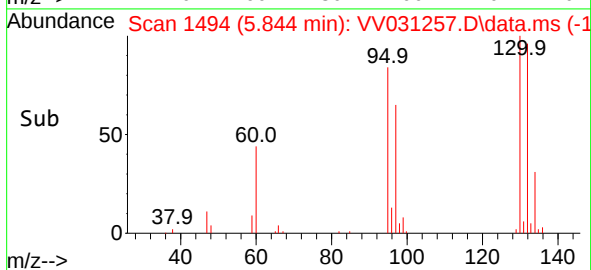
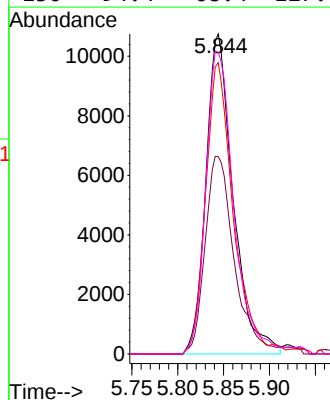
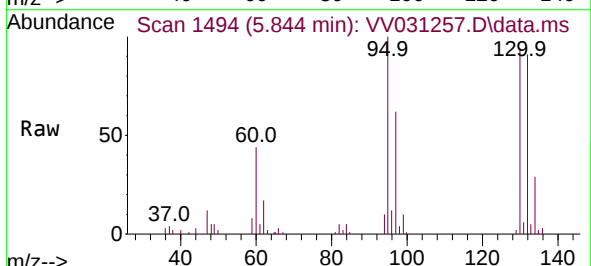
Ion Ratio Lower Upper

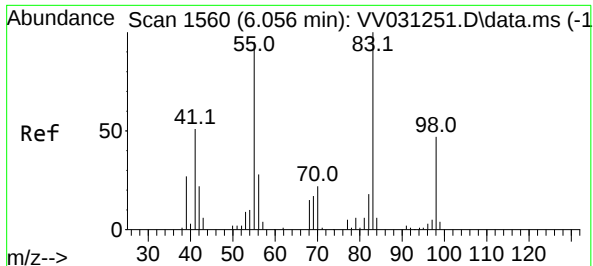
95 100

97 61.6 44.8 83.2

132 91.0 64.8 120.4

130 94.4 68.4 127.0





#35

Methylcyclohexane

Concen: 1.294 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV031257.D

Acq: 26 May 2023 19:42

Instrument :

MSVOA_V

ClientSampleId :

COP04

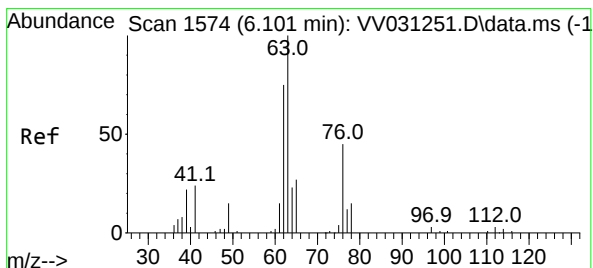
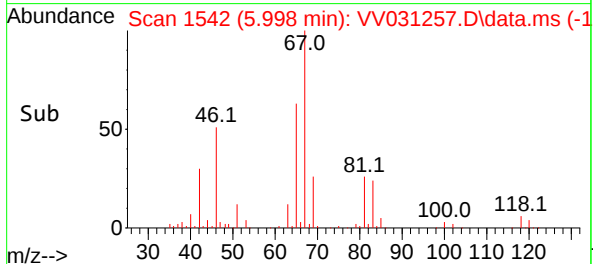
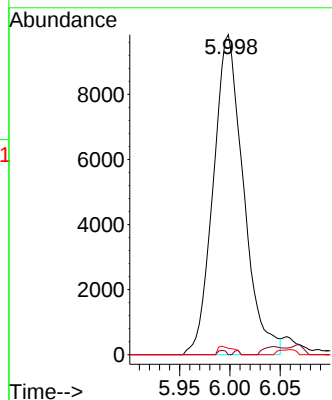
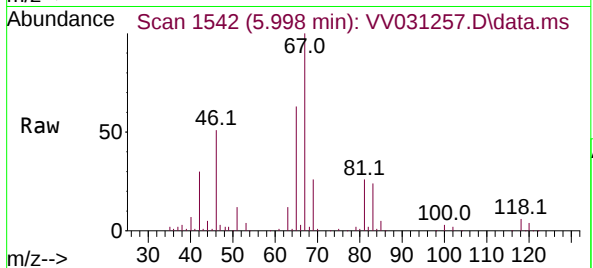
Tgt Ion: 83 Resp: 20509

Ion Ratio Lower Upper

83 100

55 0.3 74.4 111.6#

98 1.3 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.818 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.106 min

Lab File: VV031257.D

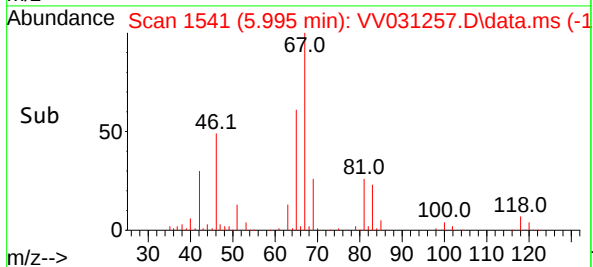
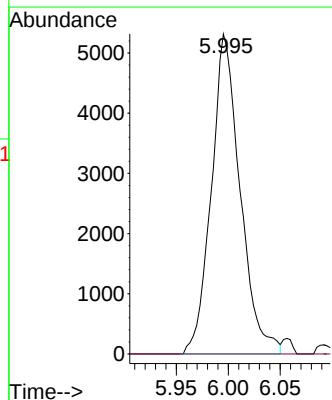
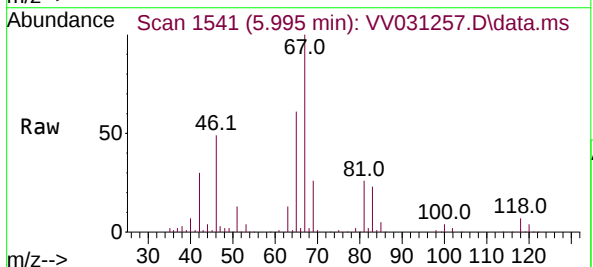
Acq: 26 May 2023 19:42

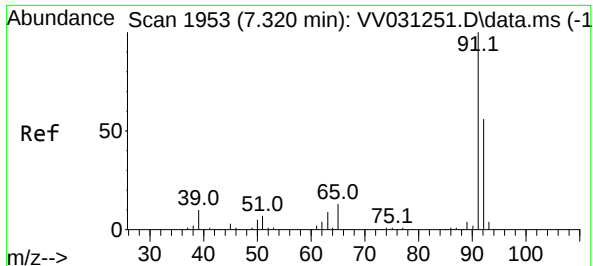
Tgt Ion: 63 Resp: 10223

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#42

Toluene

Concen: 3.353 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031257.D

Acq: 26 May 2023 19:42

Instrument :

MSVOA_V

ClientSampleId :

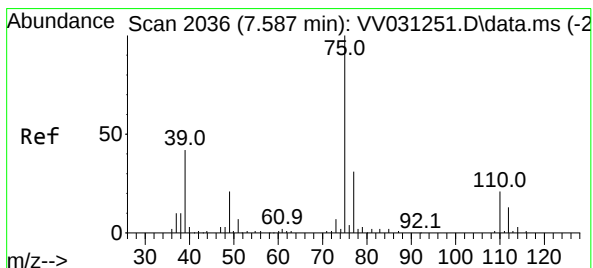
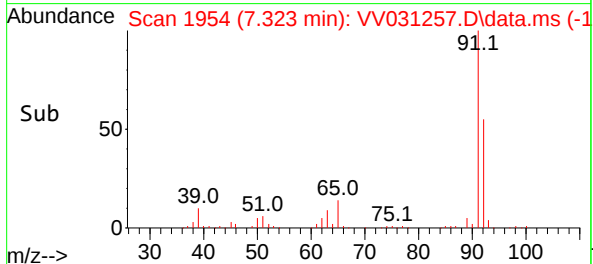
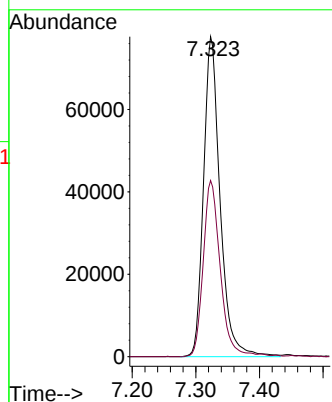
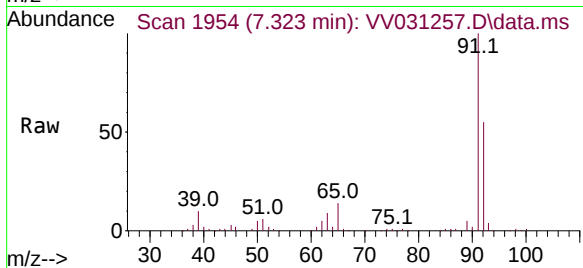
COP04

Tgt Ion: 91 Resp: 140586

Ion Ratio Lower Upper

91 100

92 55.0 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.016 min

Lab File: VV031257.D

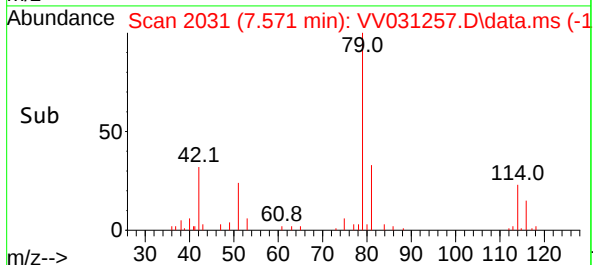
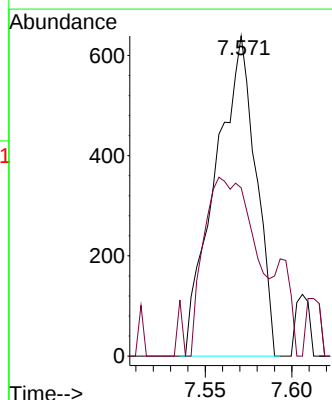
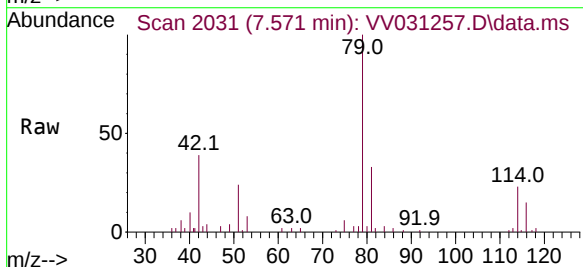
Acq: 26 May 2023 19:42

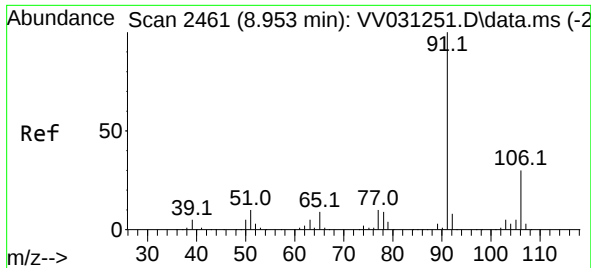
Tgt Ion: 75 Resp: 1038

Ion Ratio Lower Upper

75 100

77 52.6 20.4 38.0#





#52

Ethylbenzene

Concen: 0.044 ug/L

RT: 8.966 min Scan# 2461

Delta R.T. 0.013 min

Lab File: VV031257.D

Acq: 26 May 2023 19:42

Instrument :

MSVOA_V

ClientSampleId :

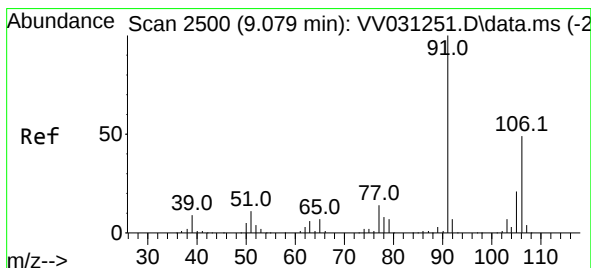
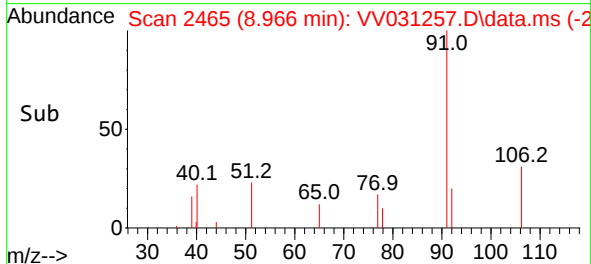
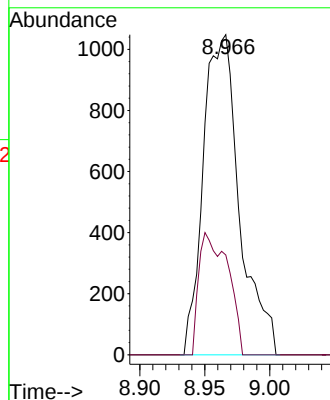
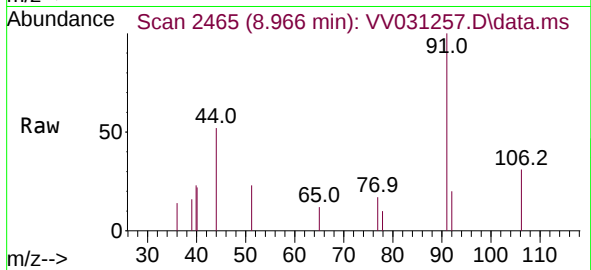
C0P04

Tgt Ion: 91 Resp: 2030

Ion Ratio Lower Upper

91 100

106 31.2 21.1 39.1



#53

m,p-Xylene

Concen: 0.117 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.003 min

Lab File: VV031257.D

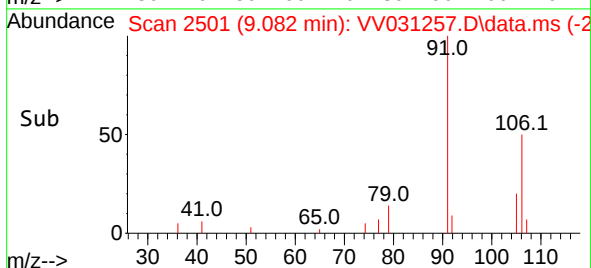
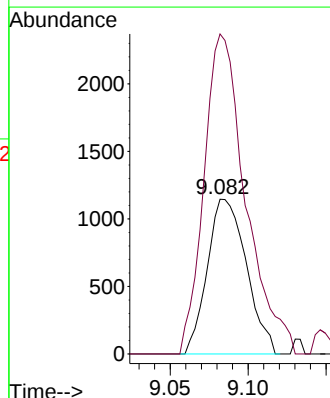
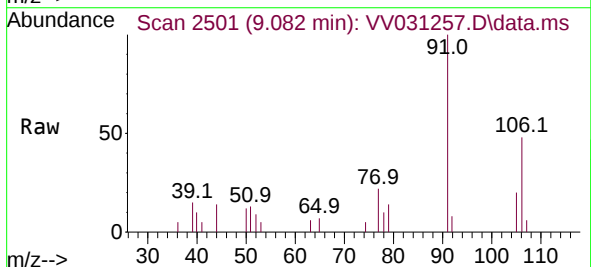
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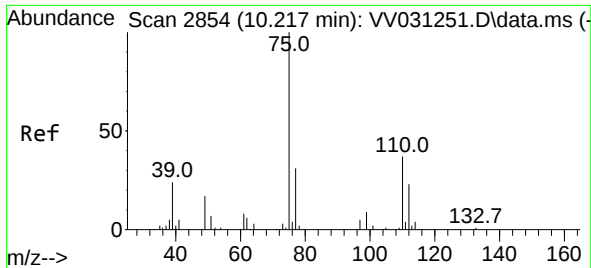
Tgt Ion: 106 Resp: 1996

Ion Ratio Lower Upper

106 100

91 206.8 154.7 287.3





#61
 1,2,3-Trichloropropane
 Concen: 1.145 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV031257.D
 Acq: 26 May 2023 19:42

Instrument :
 MSVOA_V
 ClientSampleId :
 C0P04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.1	26.6	40.0
110	0.6	29.8	44.8#

