

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034039.D
 Acq On : 07 Feb 2024 18:31
 Operator : SY/MD
 Sample : P1383-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC3

Quant Time: Feb 08 04:52:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

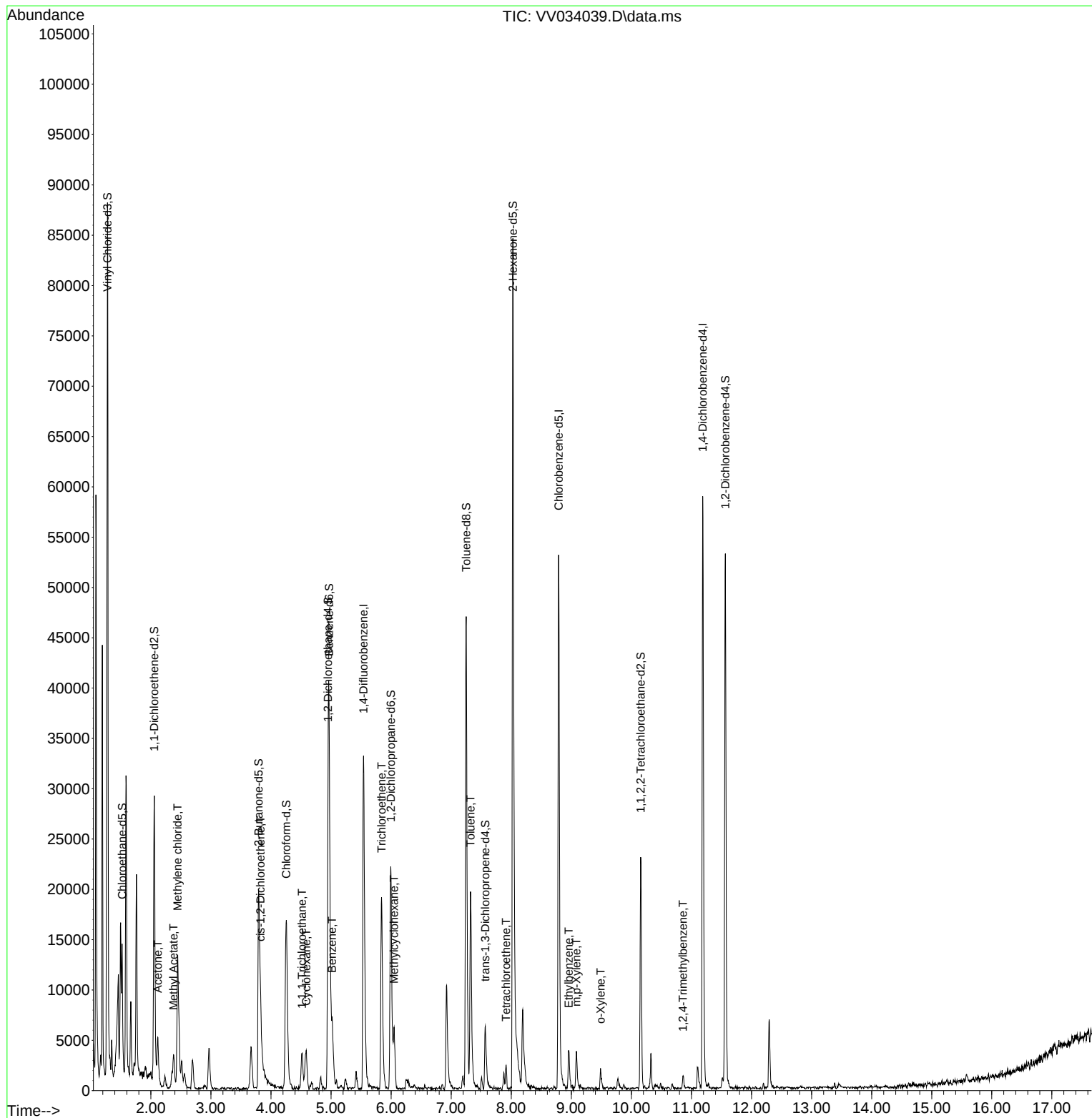
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	30838	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	28718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	16027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8911	3.731	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.522	69	7895	3.774	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.056	65	4751	4.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.796	46	35025	87.320	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	174.640%#
24) Chloroform-d	4.252	84	18875	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.950	65	11461	5.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
32) Benzene-d6	4.966	84	35246	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.995	67	11025	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.249	98	32352	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.567	79	4418	4.858	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.027	63	30346	93.473	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	186.940%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	10816	7.408	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	148.200%#
66) 1,2-Dichlorobenzene-d4	11.564	152	13599	4.666	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
13) Acetone	2.114	43	4844	15.918	ug/L #	40
15) Methyl Acetate	2.378	43	3927	5.453	ug/L	98
16) Methylene chloride	2.445	84	4358	2.108	ug/L	93
22) cis-1,2-Dichloroethene	3.825	96	539	0.217	ug/L	88
29) 1,1,1-Trichloroethane	4.516	97	3388	0.879	ug/L	93
30) Cyclohexane	4.587	56	1952	0.521	ug/L	96
33) Benzene	5.018	78	6052	0.703	ug/L	100
34) Trichloroethene	5.841	95	7001	2.808	ug/L	93
35) Methylcyclohexane	6.046	83	2403	0.614	ug/L	98
42) Toluene	7.323	91	15437	1.677	ug/L	95
47) Tetrachloroethene	7.911	164	513	0.253	ug/L #	89
52) Ethylbenzene	8.956	91	3750	0.354	ug/L	96
53) m,p-Xylene	9.085	106	1115	0.278	ug/L	99
54) o-Xylene	9.487	106	732	0.190	ug/L	83
63) 1,2,4-Trimethylbenzene	10.860	105	1374	0.141	ug/L	88

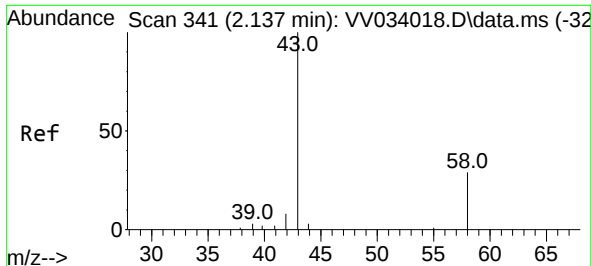
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 08 04:46:29 2024
Response via : Initial Calibration





#13

Acetone

Concen: 15.918 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV034039.D

Acq: 07 Feb 2024 18:31

Instrument :

MSVOA_V

ClientSampleId :

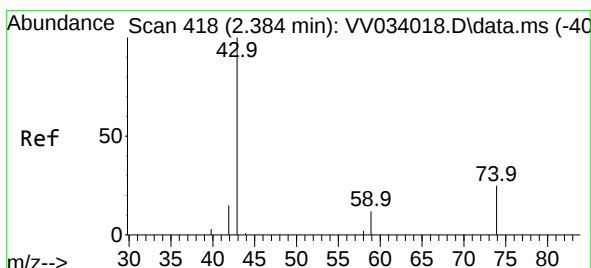
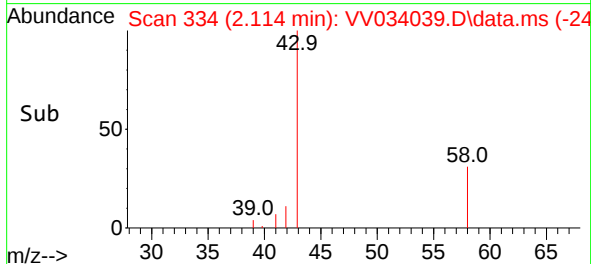
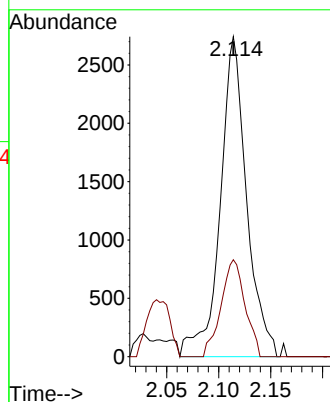
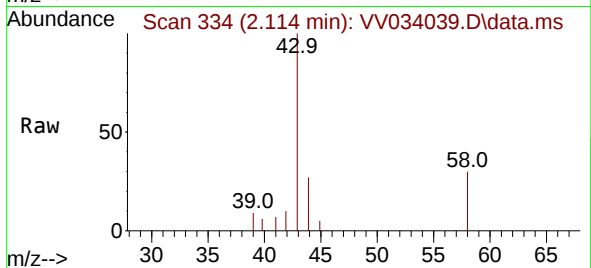
E0YC3

Tgt Ion: 43 Resp: 4844

Ion Ratio Lower Upper

43 100

58 27.5 0.0 13.8#



#15

Methyl Acetate

Concen: 5.453 ug/L

RT: 2.378 min Scan# 416

Delta R.T. -0.006 min

Lab File: VV034039.D

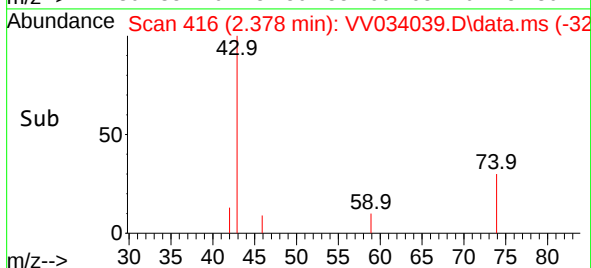
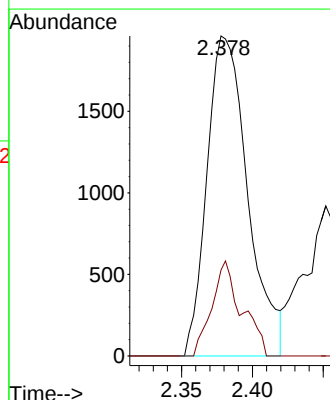
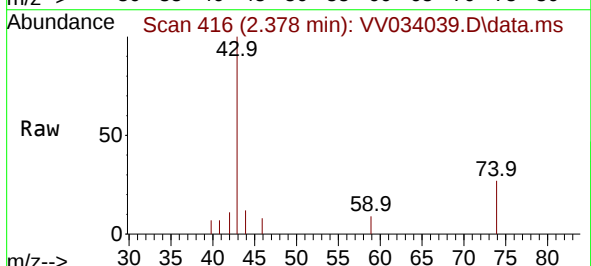
Acq: 07 Feb 2024 18:31

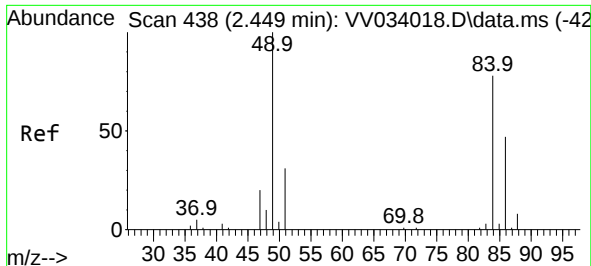
Tgt Ion: 43 Resp: 3927

Ion Ratio Lower Upper

43 100

74 21.6 18.2 27.4

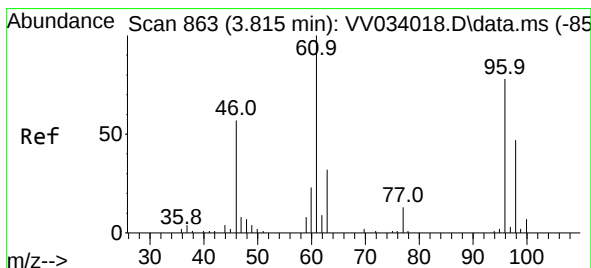
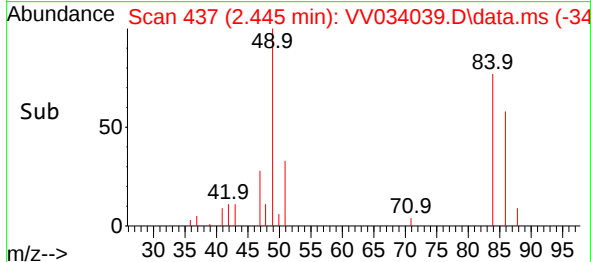
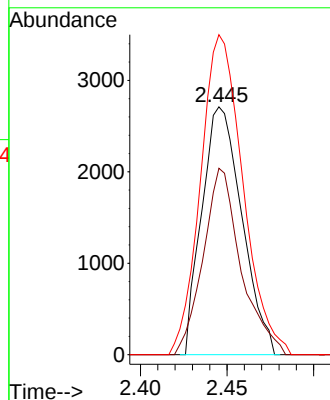
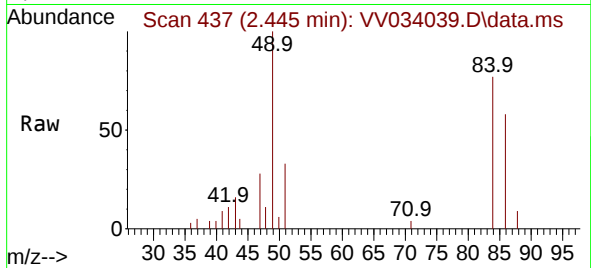




#16
Methylene chloride
Concen: 2.108 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV034039.D
Acq: 07 Feb 2024 18:31

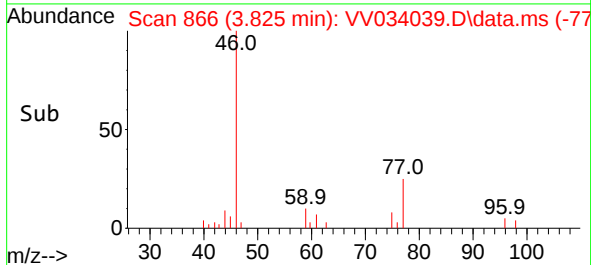
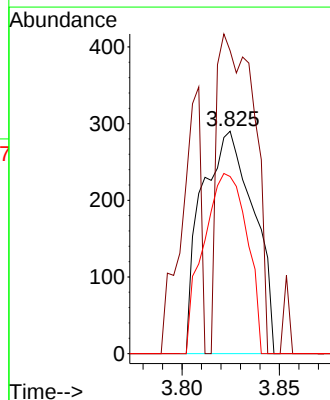
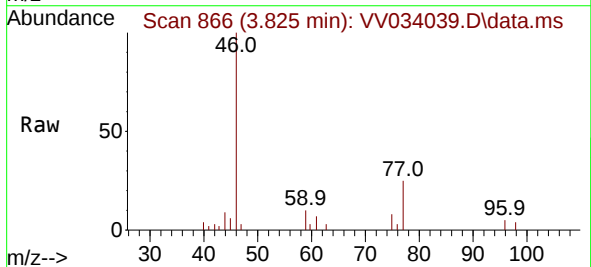
Instrument :
MSVOA_V
ClientSampleId :
E0YC3

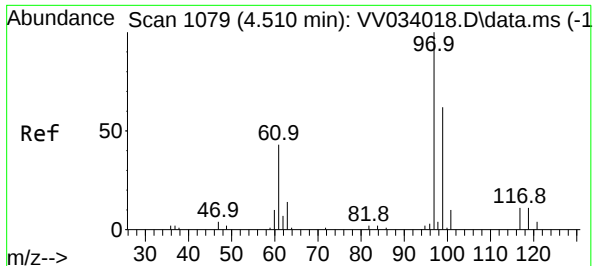
Tgt Ion: 84 Resp: 4358
Ion Ratio Lower Upper
84 100
86 75.2 44.7 83.1
49 129.2 93.7 173.9



#22
cis-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV034039.D
Acq: 07 Feb 2024 18:31

Tgt Ion: 96 Resp: 539
Ion Ratio Lower Upper
96 100
61 136.2 90.3 167.7
98 79.7 43.2 80.2





#29

1,1,1-Trichloroethane

Concen: 0.879 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VV034039.D

Acq: 07 Feb 2024 18:31

Instrument :

MSVOA_V

ClientSampleId :

E0YC3

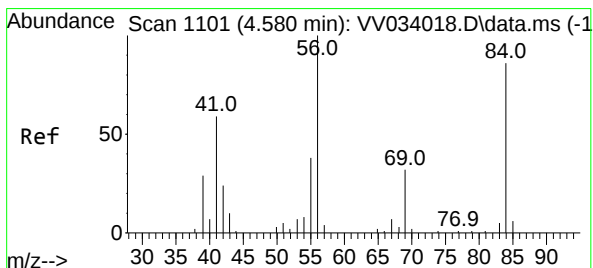
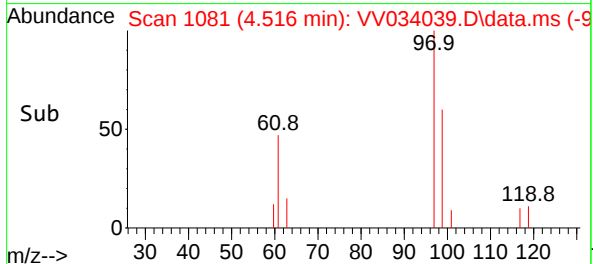
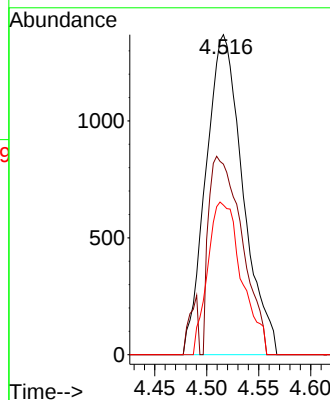
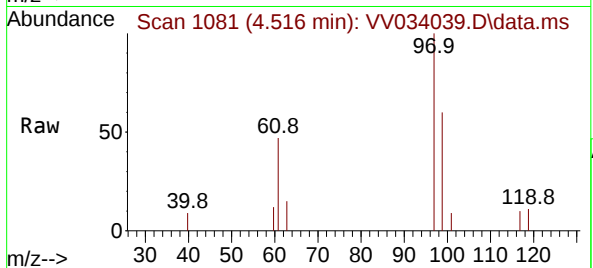
Tgt Ion: 97 Resp: 3388

Ion Ratio Lower Upper

97 100

99 55.9 50.6 75.8

61 43.9 36.8 55.2



#30

Cyclohexane

Concen: 0.521 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VV034039.D

Acq: 07 Feb 2024 18:31

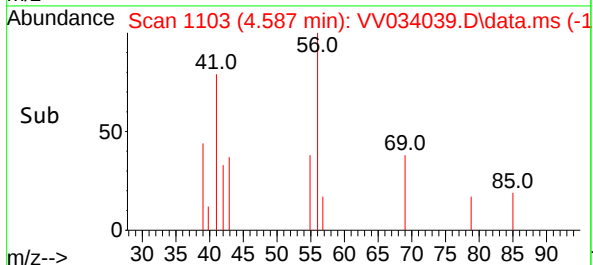
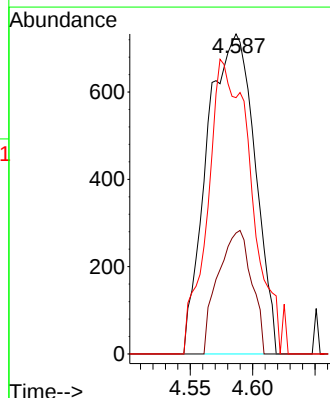
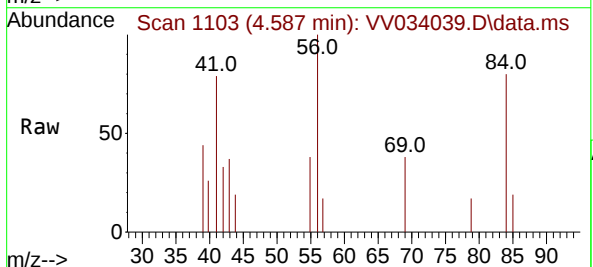
Tgt Ion: 56 Resp: 1952

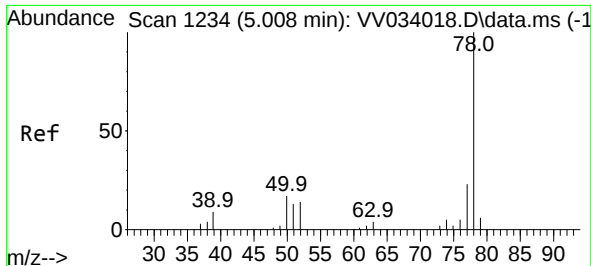
Ion Ratio Lower Upper

56 100

69 27.2 24.2 36.2

84 84.9 70.0 105.0

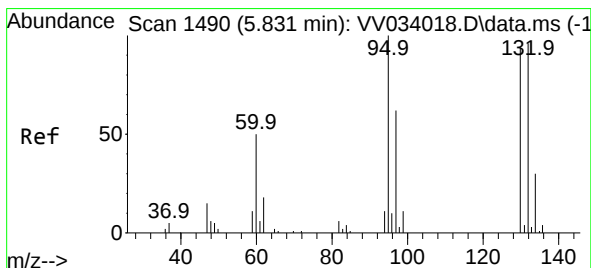
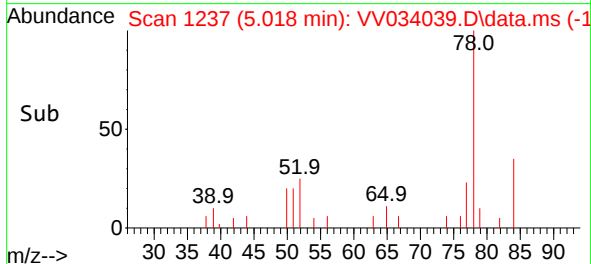
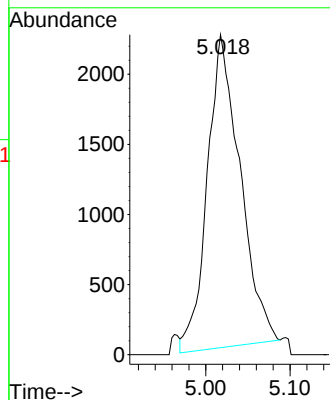
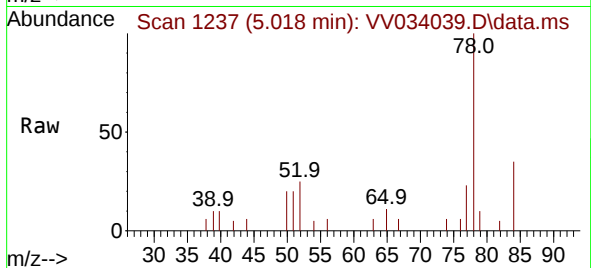




#33
Benzene
Concen: 0.703 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV034039.D
Acq: 07 Feb 2024 18:31

Instrument :
MSVOA_V
ClientSampleId :
E0YC3

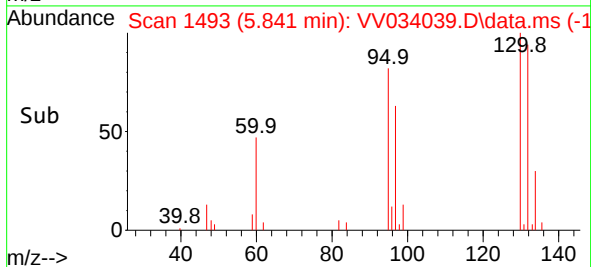
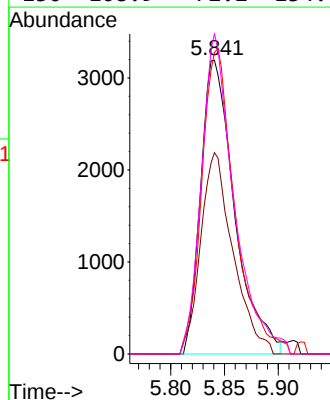
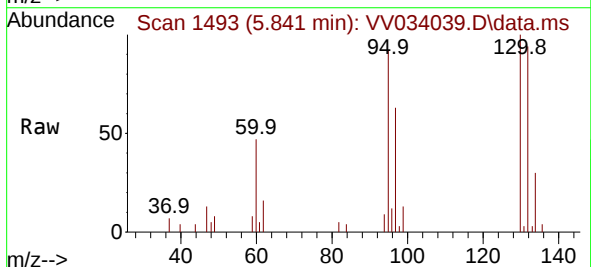
Tgt Ion: 78 Resp: 6052

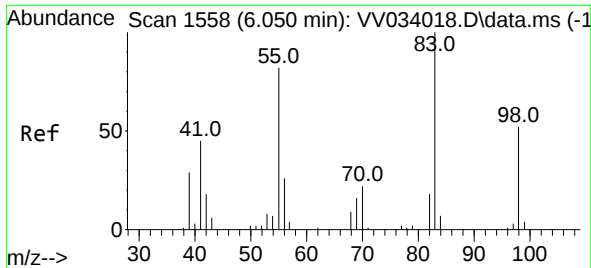


#34
Trichloroethene
Concen: 2.808 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV034039.D
Acq: 07 Feb 2024 18:31

Tgt Ion: 95 Resp: 7001

Ion	Ratio	Lower	Upper
95	100		
97	68.5	45.1	83.7
132	102.6	66.0	122.6
130	108.9	72.2	134.0

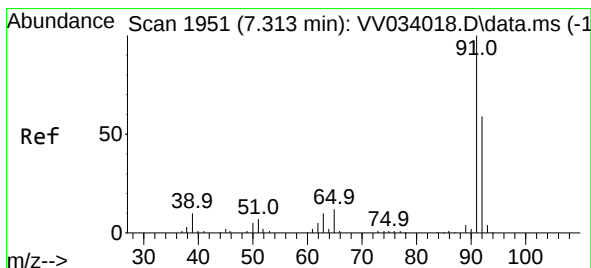
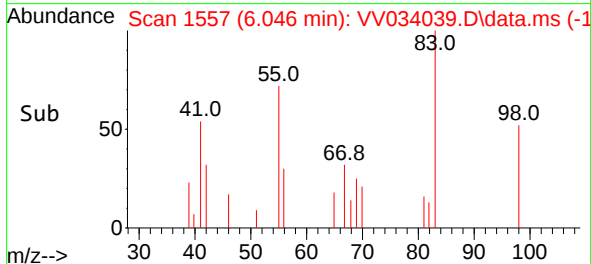
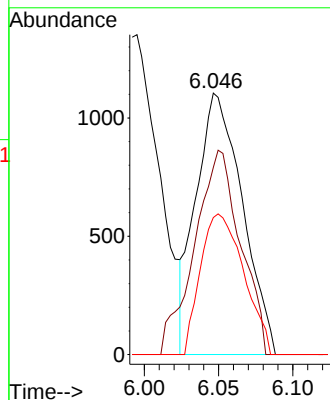
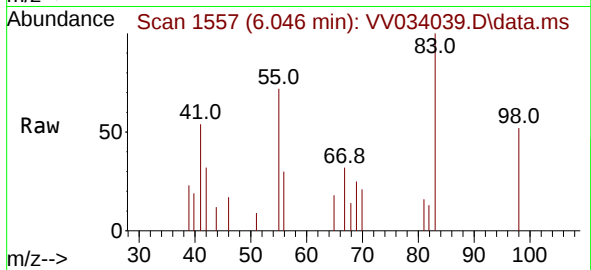




#35
Methylcyclohexane
Concen: 0.614 ug/L
RT: 6.046 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034039.D
Acq: 07 Feb 2024 18:31

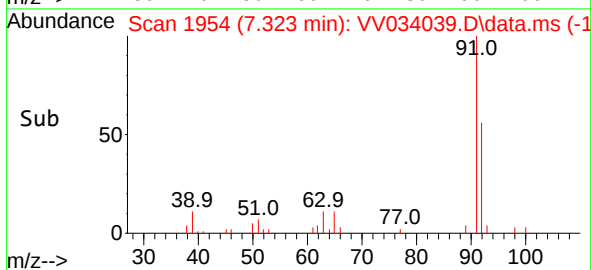
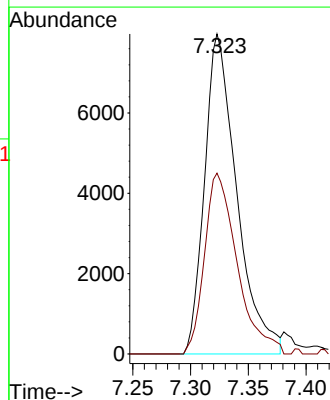
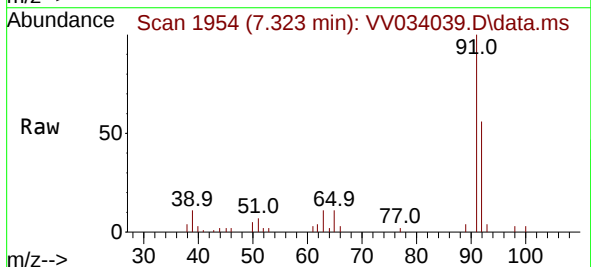
Instrument :
MSVOA_V
ClientSampleId :
E0YC3

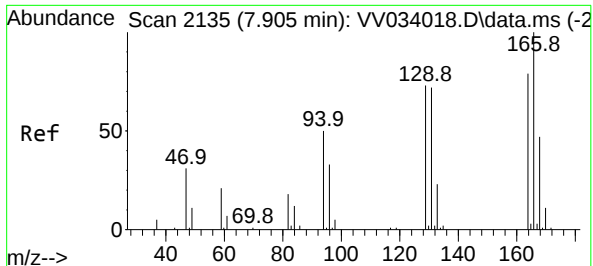
Tgt Ion: 83	Resp:	2403	
Ion	Ratio	Lower	Upper
83	100		
55	77.4	63.5	95.3
98	50.2	39.0	58.4



#42
Toluene
Concen: 1.677 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.010 min
Lab File: VV034039.D
Acq: 07 Feb 2024 18:31

Tgt Ion: 91	Resp:	15437	
Ion Ratio	Lower	Upper	
91 100			
92 56.5	42.1	78.3	





#47

Tetrachloroethene

Concen: 0.253 ug/L

RT: 7.911 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV034039.D

Acq: 07 Feb 2024 18:31

Instrument :

MSVOA_V

ClientSampleId :

E0YC3

Tgt Ion:164 Resp: 513

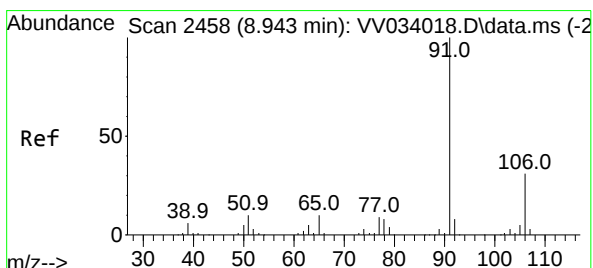
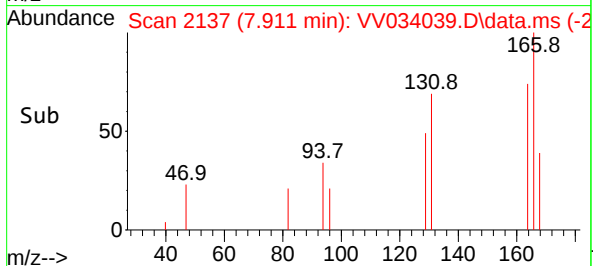
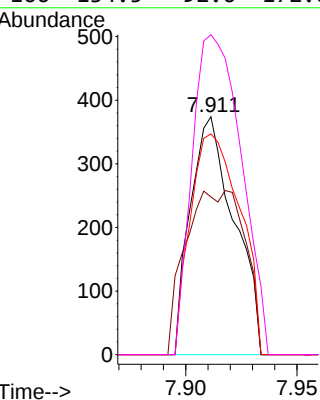
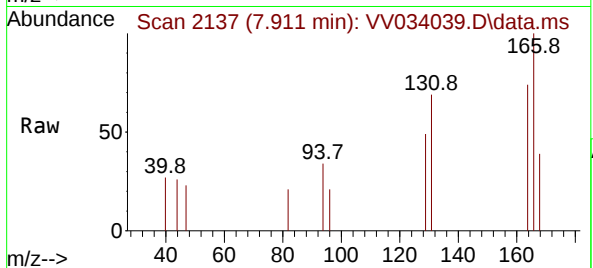
Ion Ratio Lower Upper

164 100

129 66.3 67.8 125.8#

131 92.8 63.0 117.0

166 134.5 92.6 172.0



#52

Ethylbenzene

Concen: 0.354 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.013 min

Lab File: VV034039.D

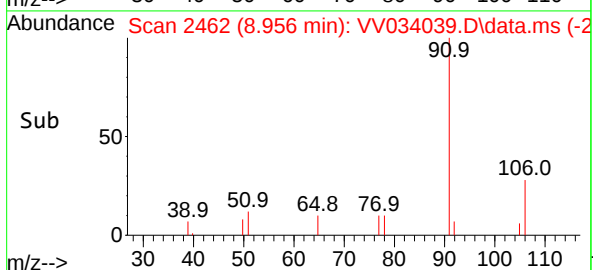
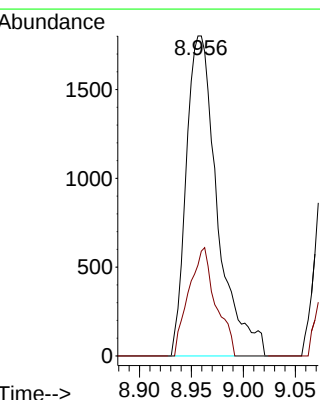
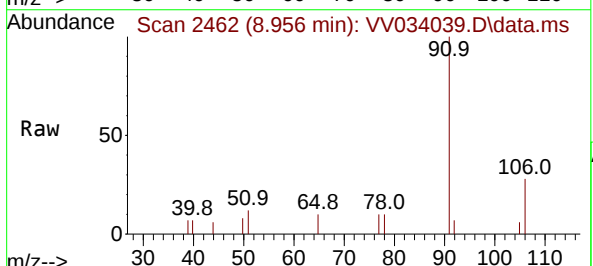
Acq: 07 Feb 2024 18:31

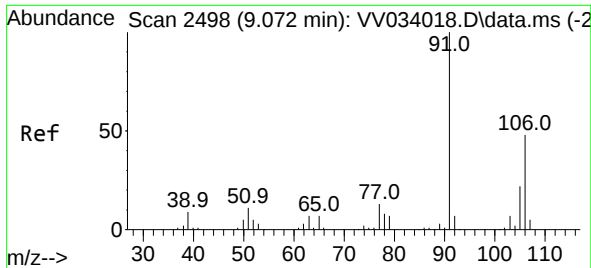
Tgt Ion: 91 Resp: 3750

Ion Ratio Lower Upper

91 100

106 28.4 21.4 39.8

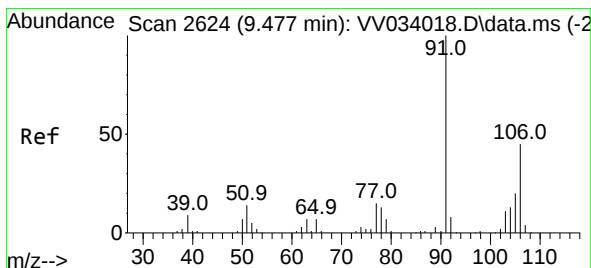
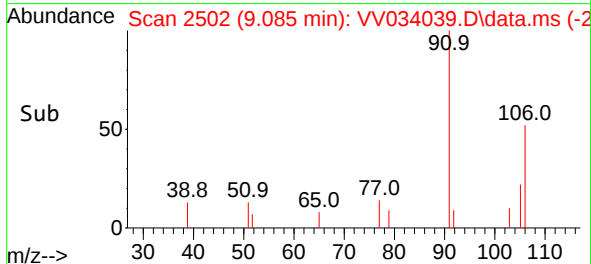
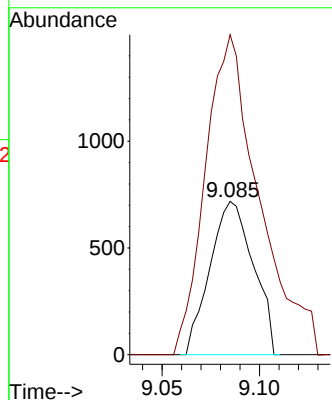
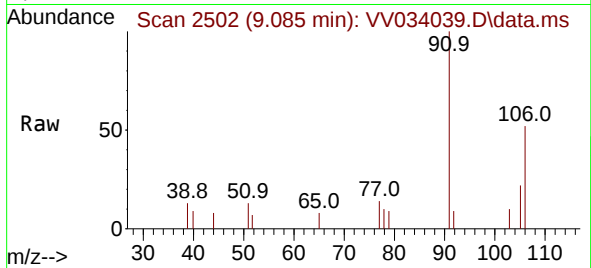




#53
m,p-Xylene
Concen: 0.278 ug/L
RT: 9.085 min Scan# 2115
Delta R.T. 0.013 min
Lab File: VV034039.D
Acq: 07 Feb 2024 18:31

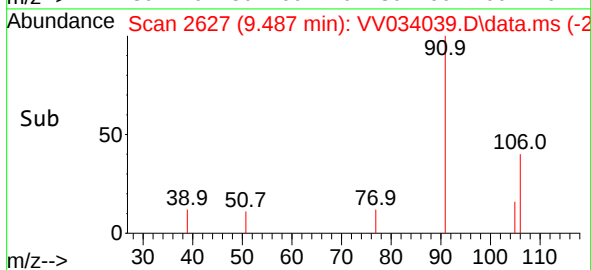
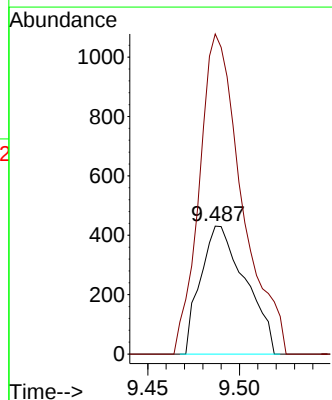
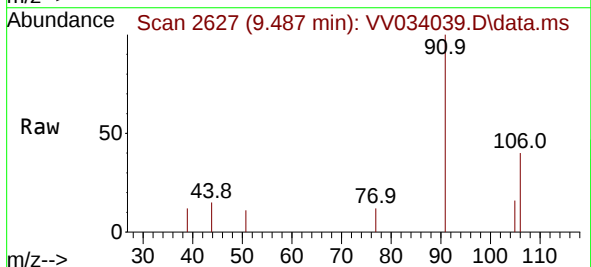
Instrument :
MSVOA_V
ClientSampleId :
E0YC3

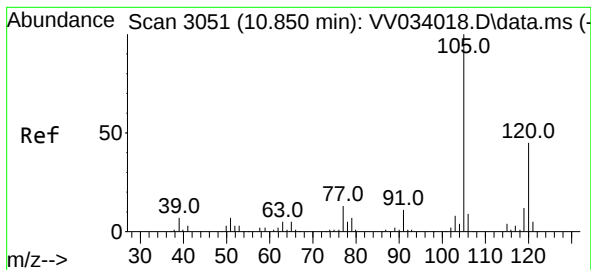
Tgt Ion:106 Resp: 1115
Ion Ratio Lower Upper
106 100
91 208.8 147.5 273.9



#54
o-Xylene
Concen: 0.190 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034039.D
Acq: 07 Feb 2024 18:31

Tgt Ion:106 Resp: 732
Ion Ratio Lower Upper
106 100
91 250.1 156.2 290.0





#63

1,2,4-Trimethylbenzene

Concen: 0.141 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.010 min

Lab File: VV034039.D

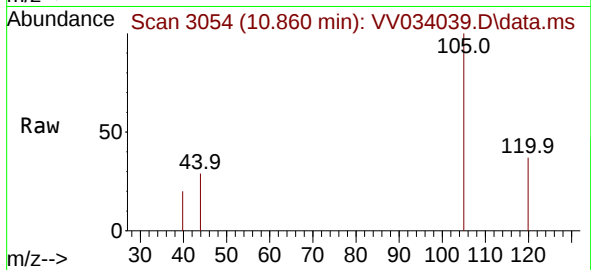
Acq: 07 Feb 2024 18:31

Instrument :

MSVOA_V

ClientSampleId :

E0YC3



Tgt Ion:105 Resp: 1374

Ion Ratio Lower Upper

105 100

120 37.1 36.2 54.2

