

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
 Data File : VV030369.D
 Acq On : 30 Mar 2023 19:08
 Operator : SY/MD
 Sample : 02099-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB1

Quant Time: Mar 31 05:43:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

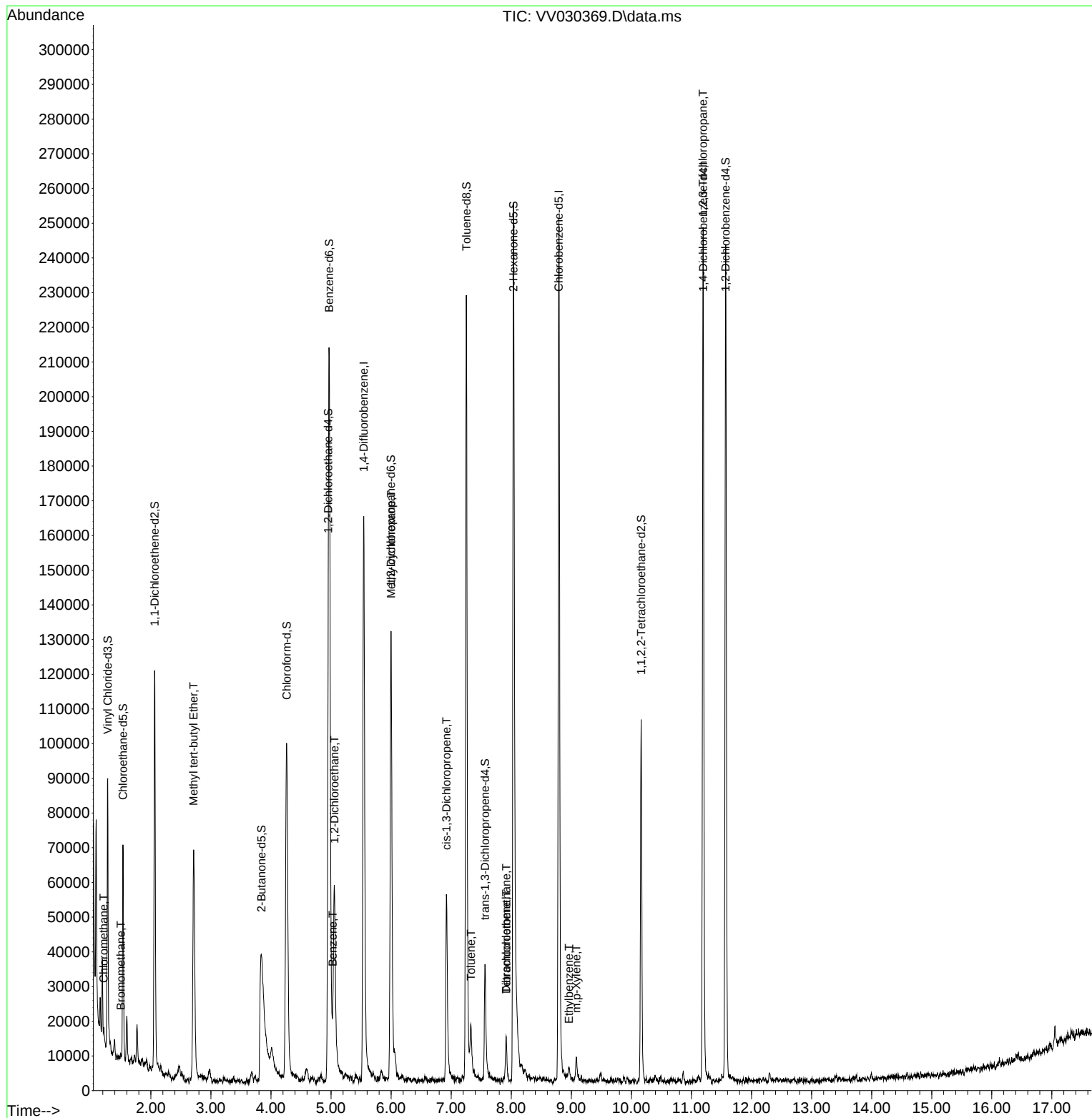
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	143654	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	138292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	65437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	34638	3.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.535	69	37717	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.063	63	61537	2.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	3.844	46	115795	47.087	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.180%
24) Chloroform-d	4.262	84	104509	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.953	65	54913	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	4.969	84	184267	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.998	67	61345	5.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.252	98	150613	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.564	79	20845	4.538	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.037	63	97160	52.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.280%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	45760	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	60726	5.192	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
3) Chloromethane	1.217	50	3554	0.154	ug/L	99
6) Bromomethane	1.500	94	511	0.107	ug/L #	64
17) Methyl tert-butyl Ether	2.712	73	64888	2.552	ug/L	98
27) 1,2-Dichloroethane	5.056	62	51959	3.469	ug/L	96
33) Benzene	5.027	78	8484	0.173	ug/L	100
35) Methylcyclohexane	6.002	83	15008	0.722	ug/L #	17
39) cis-1,3-Dichloropropene	6.921	75	1967	0.111	ug/L #	62
42) Toluene	7.329	91	10262	0.196	ug/L	99
47) Tetrachloroethene	7.918	164	2934	0.251	ug/L	92
49) Dibromochloromethane	7.918	129	2580	0.244	ug/L #	12
52) Ethylbenzene	8.960	91	2421	0.042	ug/L	98
53) m,p-Xylene	9.085	106	1790	0.082	ug/L	92
61) 1,2,3-Trichloropropane	11.191	75	7902	1.351	ug/L #	64

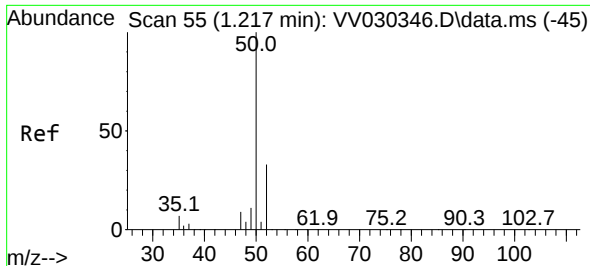
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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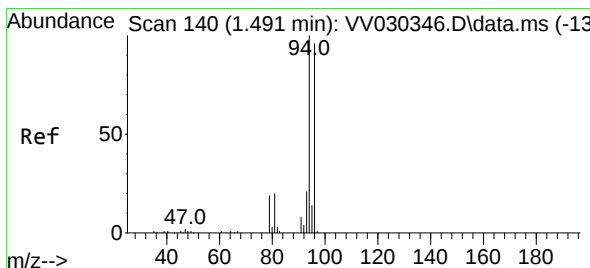
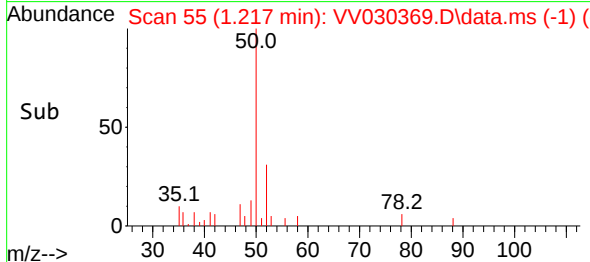
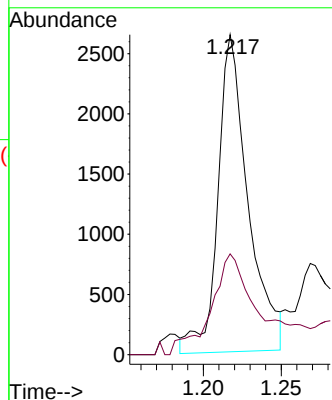
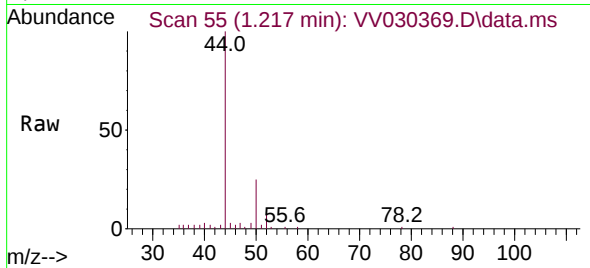




#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030369.D
Acq: 30 Mar 2023 19:08

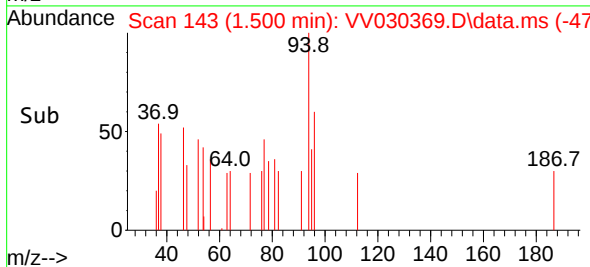
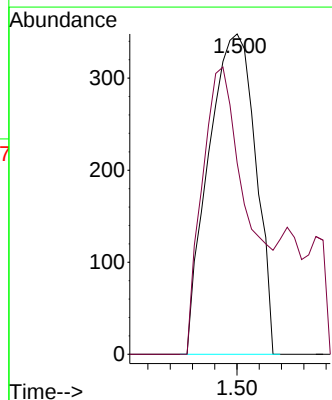
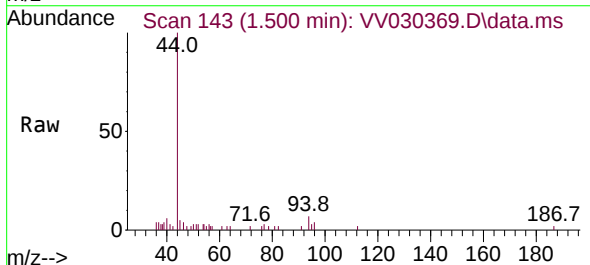
Instrument :
MSVOA_V
ClientSampleId :
H0AB1

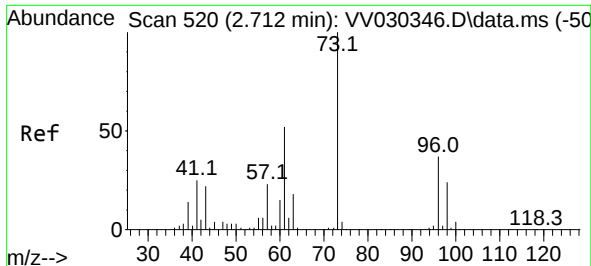
Tgt Ion: 50 Resp: 3554
Ion Ratio Lower Upper
50 100
52 31.5 22.3 41.5



#6
Bromomethane
Concen: 0.107 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.010 min
Lab File: VV030369.D
Acq: 30 Mar 2023 19:08

Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 59.8 66.1 122.7#

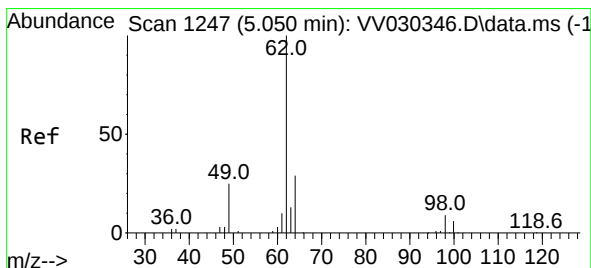
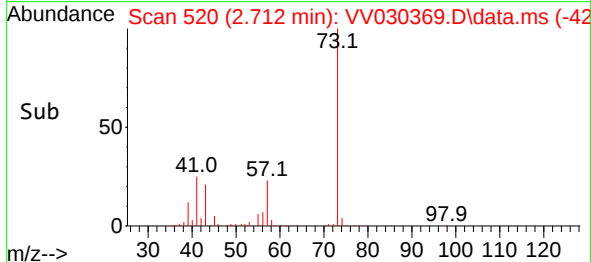
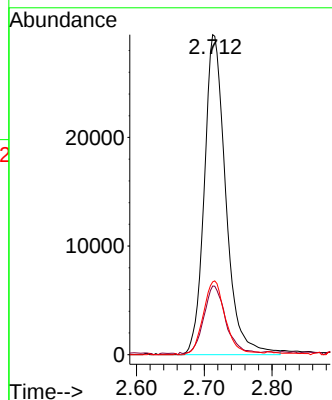
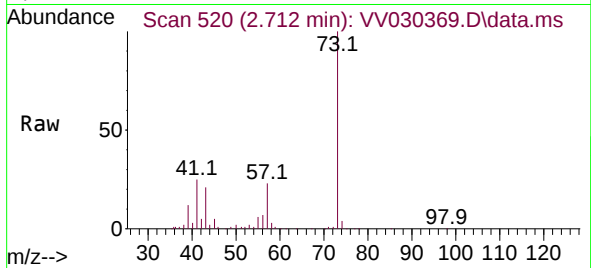




#17
Methyl tert-butyl Ether
Concen: 2.552 ug/L
RT: 2.712 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030369.D
Acq: 30 Mar 2023 19:08

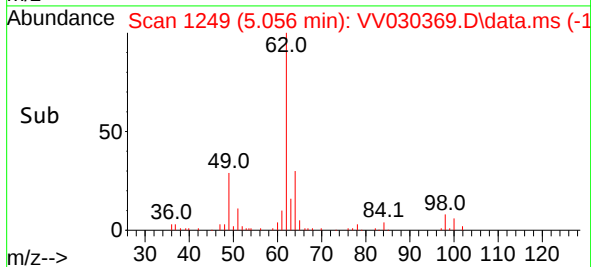
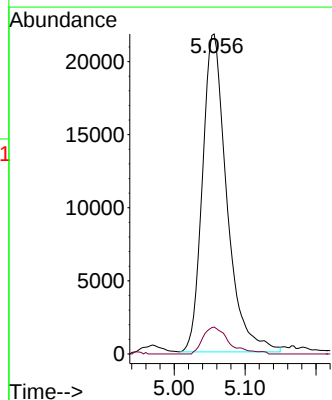
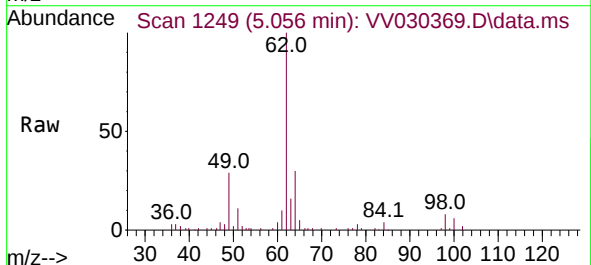
Instrument :
MSVOA_V
ClientSampleId :
H0AB1

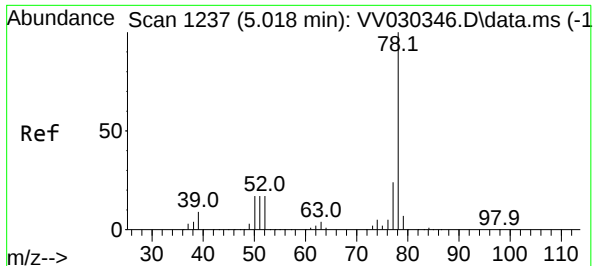
Tgt Ion: 73 Resp: 64888
Ion Ratio Lower Upper
73 100
43 22.5 17.4 26.2
57 23.8 18.3 27.5



#27
1,2-Dichloroethane
Concen: 3.469 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VV030369.D
Acq: 30 Mar 2023 19:08

Tgt Ion: 62 Resp: 51959
Ion Ratio Lower Upper
62 100
98 8.4 7.8 11.8

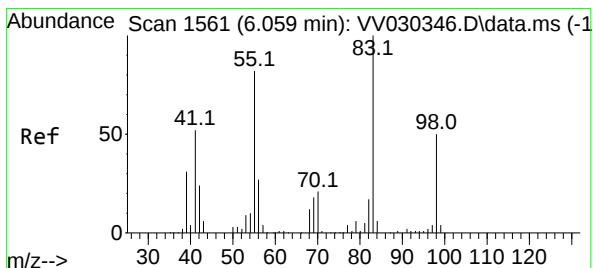
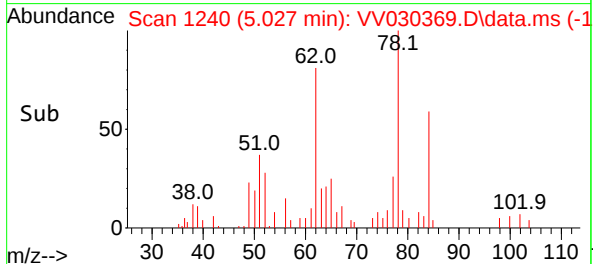
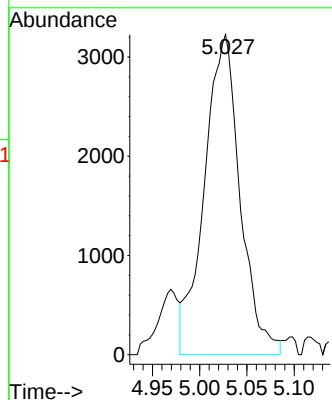
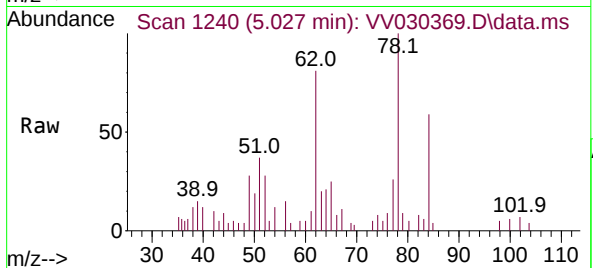




#33
Benzene
Concen: 0.173 ug/L
RT: 5.027 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030369.D
Acq: 30 Mar 2023 19:08

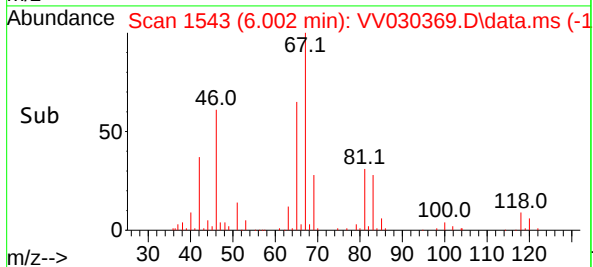
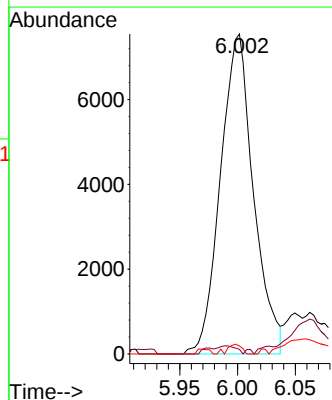
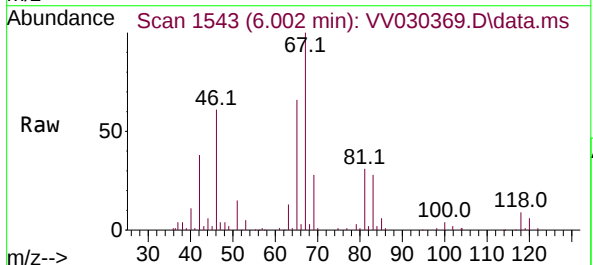
Instrument :
MSVOA_V
ClientSampleId :
H0AB1

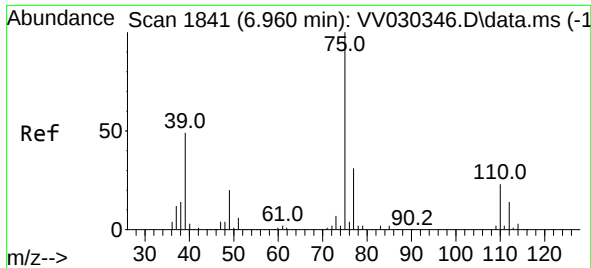
Tgt Ion: 78 Resp: 8484



#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.058 min
Lab File: VV030369.D
Acq: 30 Mar 2023 19:08

Tgt Ion: 83 Resp: 15008
Ion Ratio Lower Upper
83 100
55 1.4 66.6 100.0#
98 1.3 38.6 58.0#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV030369.D

Acq: 30 Mar 2023 19:08

Instrument :

MSVOA_V

ClientSampleId :

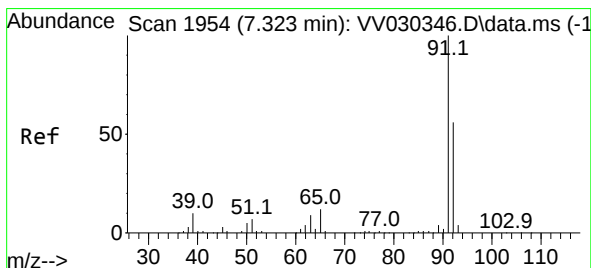
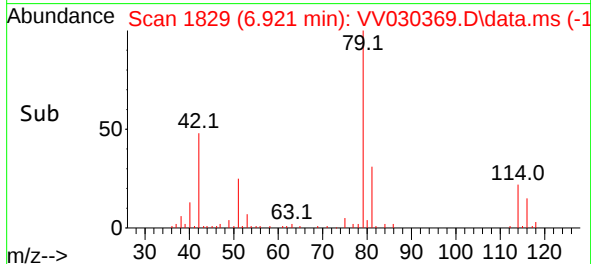
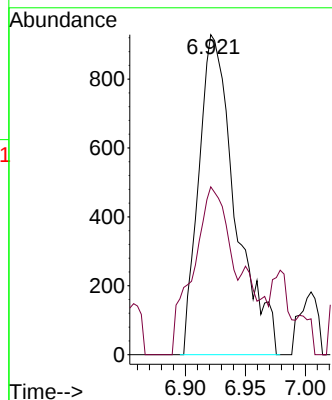
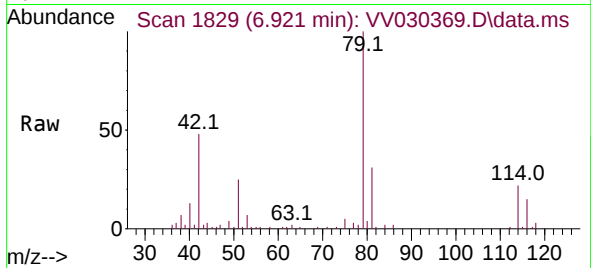
H0AB1

Tgt Ion: 75 Resp: 1967

Ion Ratio Lower Upper

75 100

77 52.4 22.0 41.0#



#42

Toluene

Concen: 0.196 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VV030369.D

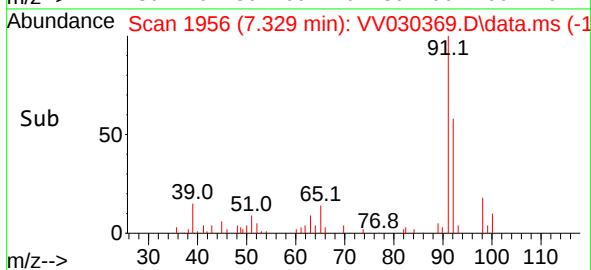
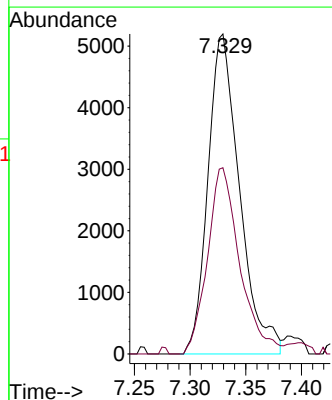
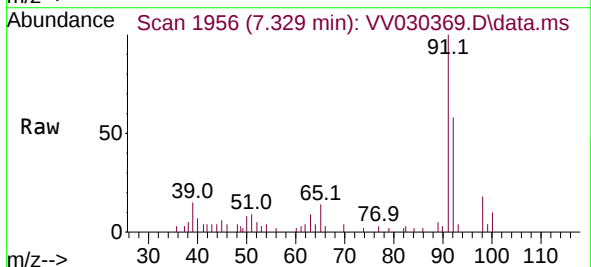
Acq: 30 Mar 2023 19:08

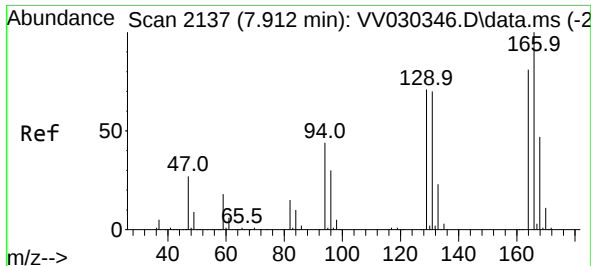
Tgt Ion: 91 Resp: 10262

Ion Ratio Lower Upper

91 100

92 58.2 40.4 75.0





#47

Tetrachloroethene

Concen: 0.251 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.006 min

Lab File: VV030369.D

Acq: 30 Mar 2023 19:08

Instrument :

MSVOA_V

ClientSampleId :

H0AB1

Tgt Ion:164 Resp: 2934

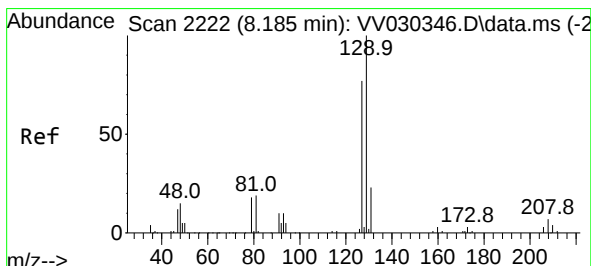
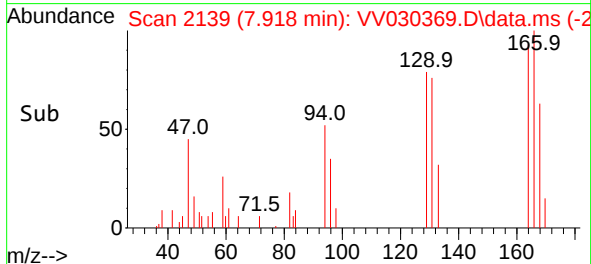
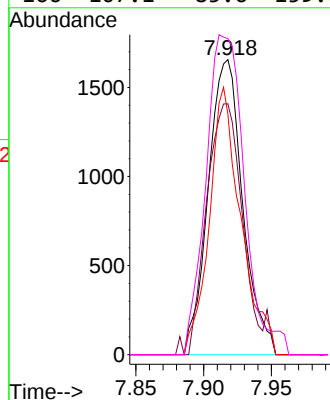
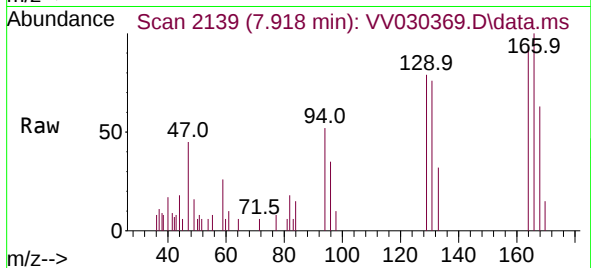
Ion Ratio Lower Upper

164 100

129 85.0 60.8 112.8

131 81.6 61.7 114.7

166 107.1 85.6 159.0



#49

Dibromochloromethane

Concen: 0.244 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. -0.267 min

Lab File: VV030369.D

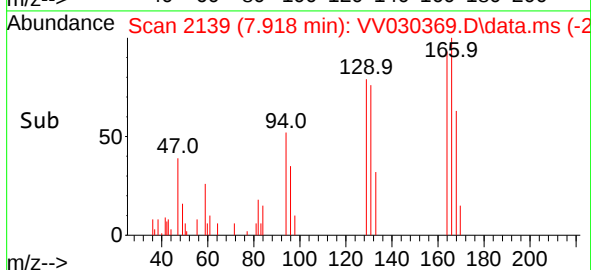
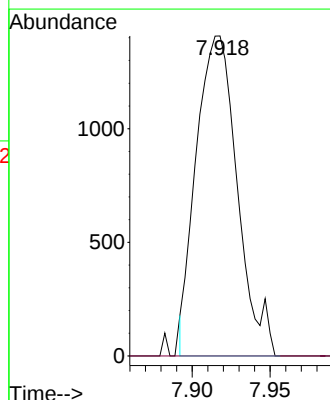
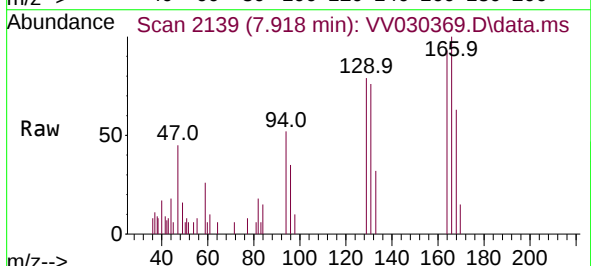
Acq: 30 Mar 2023 19:08

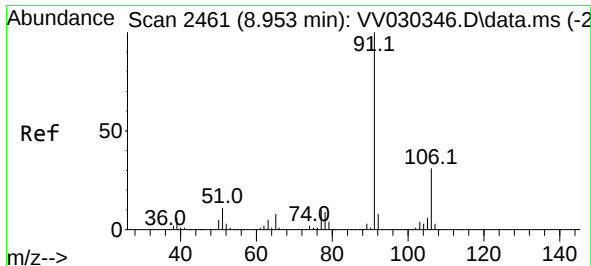
Tgt Ion:129 Resp: 2580

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#





#52

Ethylbenzene

Concen: 0.042 ug/L

RT: 8.960 min Scan# 2461

Delta R.T. 0.006 min

Lab File: VV030369.D

Acq: 30 Mar 2023 19:08

Instrument :

MSVOA_V

ClientSampleId :

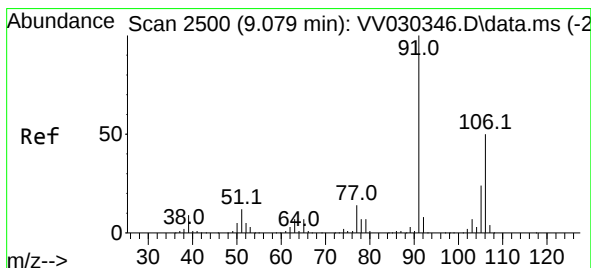
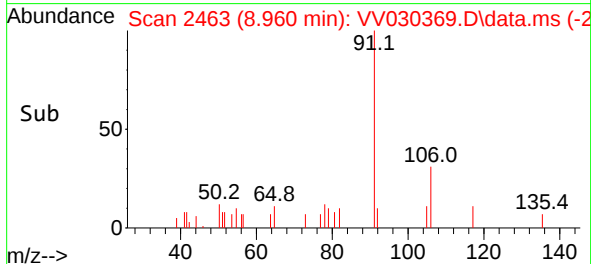
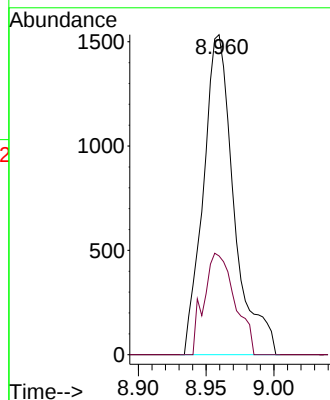
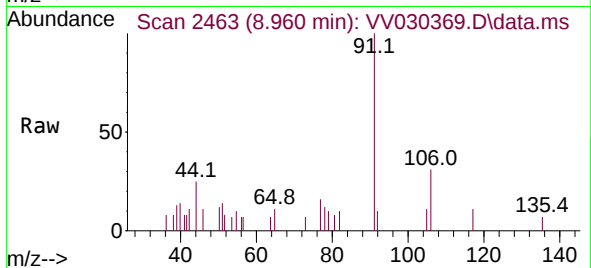
H0AB1

Tgt Ion: 91 Resp: 2421

Ion Ratio Lower Upper

91 100

106 30.8 22.2 41.2



#53

m,p-Xylene

Concen: 0.082 ug/L

RT: 9.085 min Scan# 2502

Delta R.T. 0.006 min

Lab File: VV030369.D

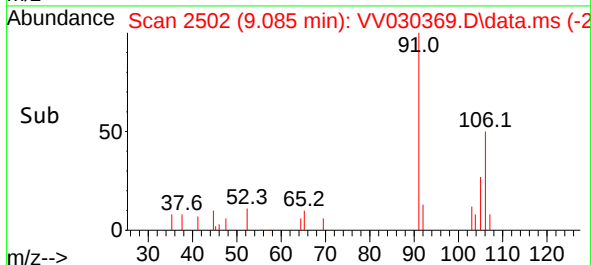
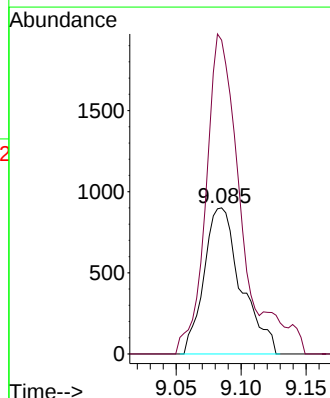
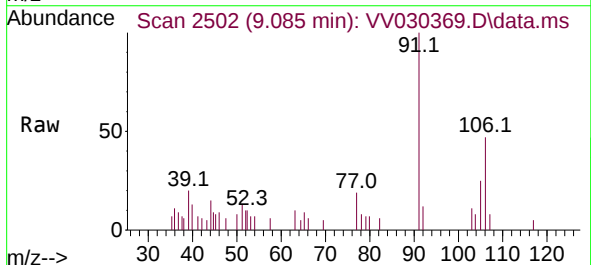
Acq: 30 Mar 2023 19:08

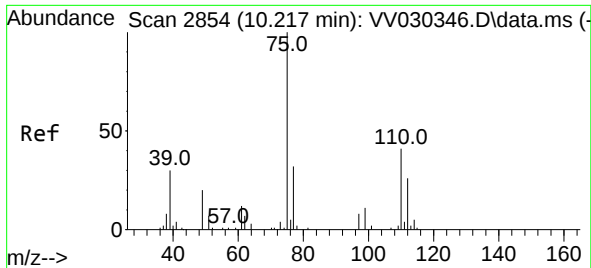
Tgt Ion: 106 Resp: 1790

Ion Ratio Lower Upper

106 100

91 214.9 142.4 264.4





#61
 1,2,3-Trichloropropane
 Concen: 1.351 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030369.D
 Acq: 30 Mar 2023 19:08

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB1

Tgt Ion: 75 Resp: 7902
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.0 39.0
 110 3.5 31.6 47.4#

