

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033023\
 Data File : VW030352.D
 Acq On : 30 Mar 2023 12:21
 Operator : SY/MD
 Sample : 02092-19 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB991

Quant Time: Mar 31 05:39:38 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)

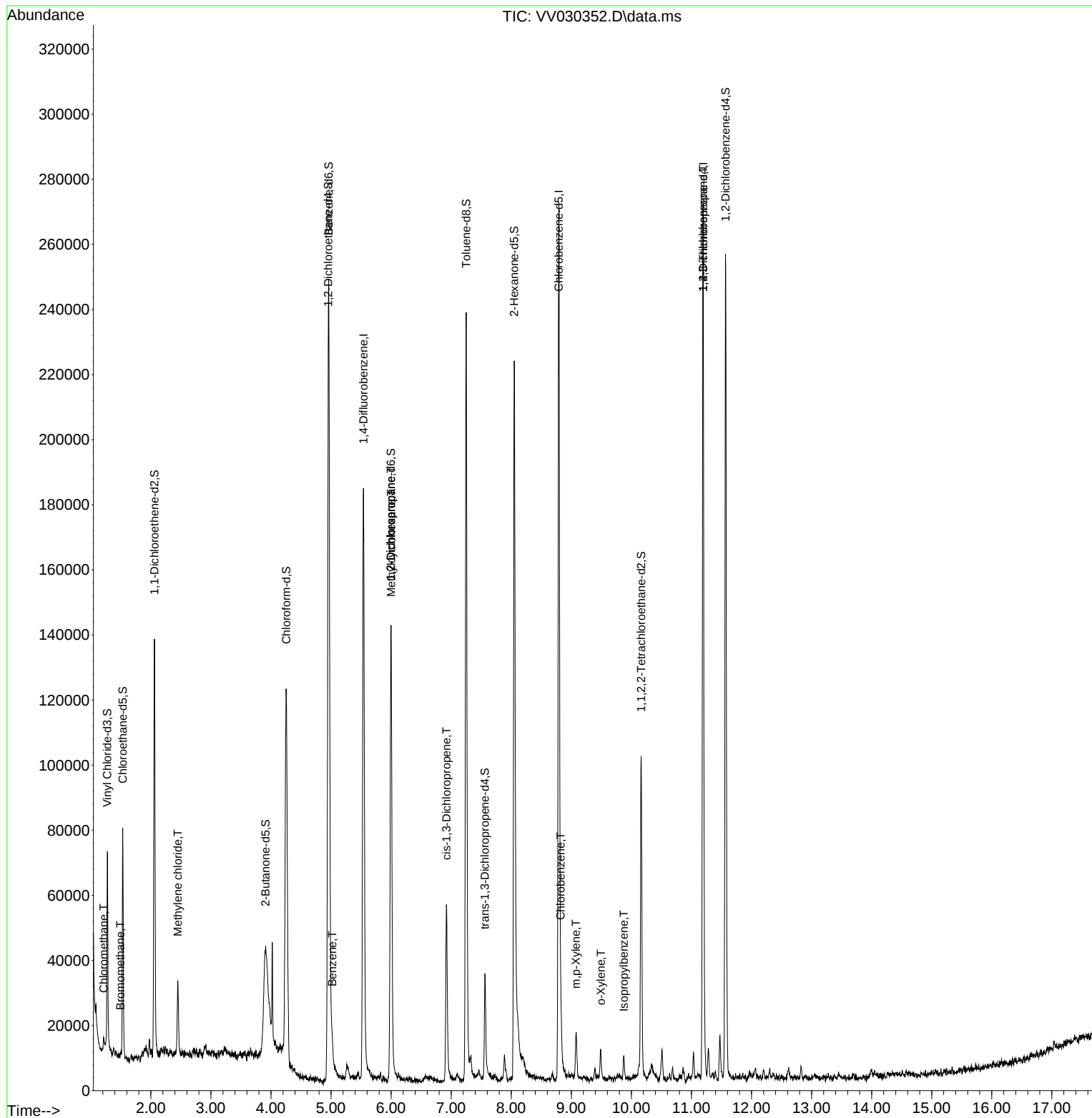
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	152239	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	143140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70316	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	38070	3.776	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.532	69	41084	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.060	63	69314	2.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.908	46	114977	44.118	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.240%
24) Chloroform-d	4.252	84	110094	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.953	65	54509	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	4.960	84	193059	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	5.998	67	62833	4.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.249	98	156229	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.561	79	18709	3.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.050	63	82392	43.125	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.260%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	45546	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	63907	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	2604	0.107	ug/L	93
6) Bromomethane	1.494	94	484	0.095	ug/L	87
16) Methylene chloride	2.449	84	8551	0.568	ug/L	90
33) Benzene	5.018	78	9177	0.181	ug/L	100
35) Methylcyclohexane	6.002	83	15444	0.718	ug/L #	17
37) 1,2-Dichloropropane	5.998	63	7894	0.605	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1774	0.097	ug/L #	26
51) Chlorobenzene	8.821	112	9000	0.260	ug/L	97
53) m,p-Xylene	9.079	106	3843	0.169	ug/L	95
54) o-Xylene	9.490	106	2634	0.121	ug/L	63
60) Isopropylbenzene	9.873	105	4170	0.080	ug/L #	84
61) 1,2,3-Trichloropropane	11.194	75	8838	1.406	ug/L #	66

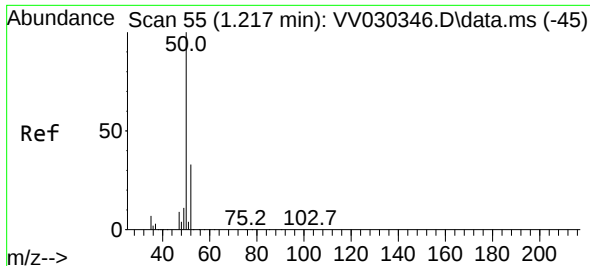
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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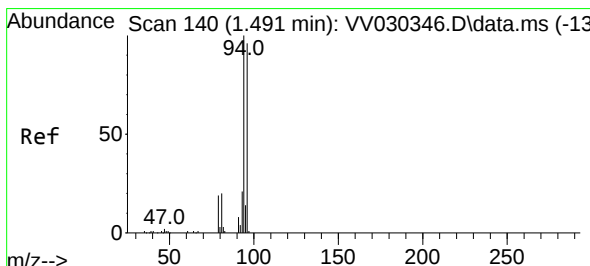
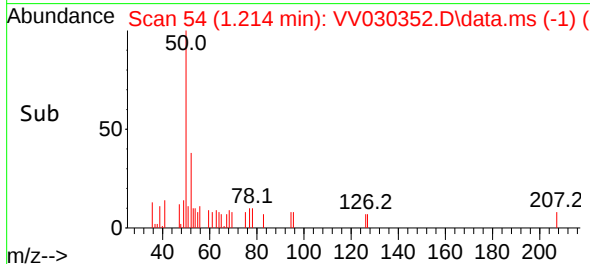
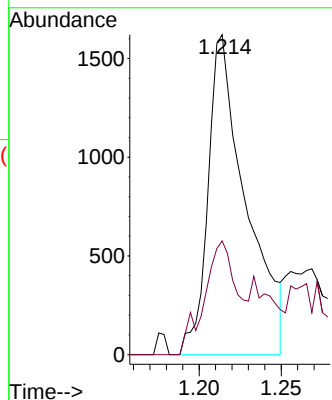
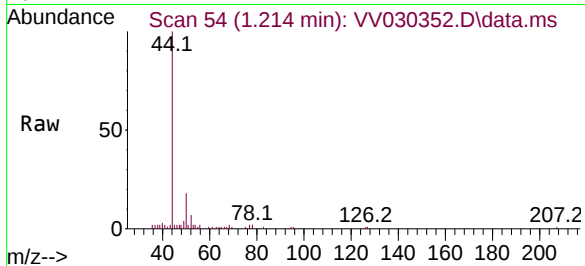




#3
Chloromethane
Concen: 0.107 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV030352.D
Acq: 30 Mar 2023 12:21

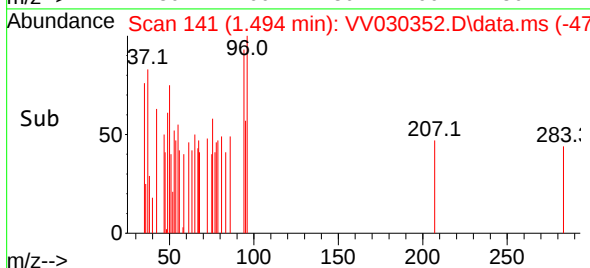
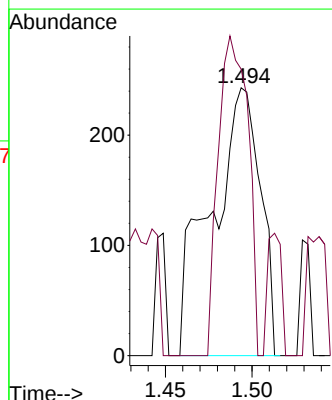
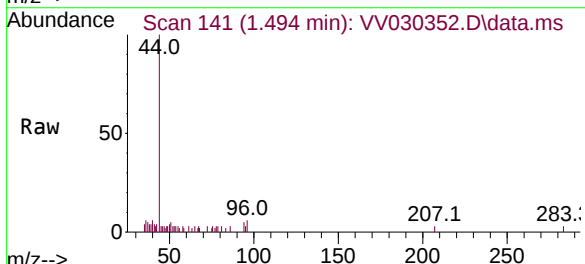
Instrument :
MSVOA_V
ClientSampleId :
CB991

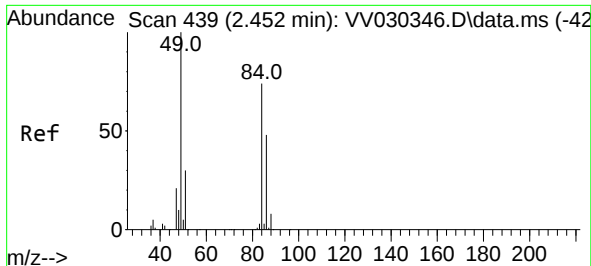
Tgt Ion: 50 Resp: 2604
Ion Ratio Lower Upper
50 100
52 35.5 22.3 41.5



#6
Bromomethane
Concen: 0.095 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030352.D
Acq: 30 Mar 2023 12:21

Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 107.0 66.1 122.7

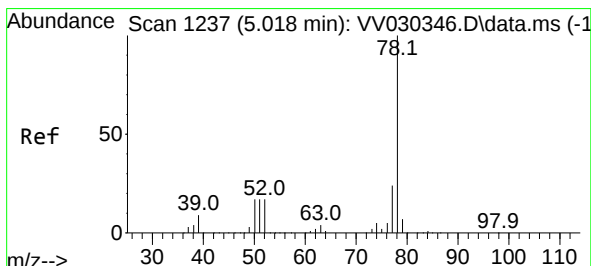
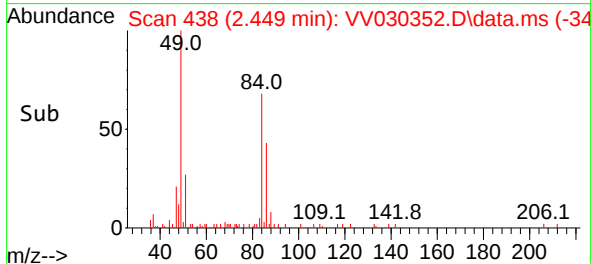
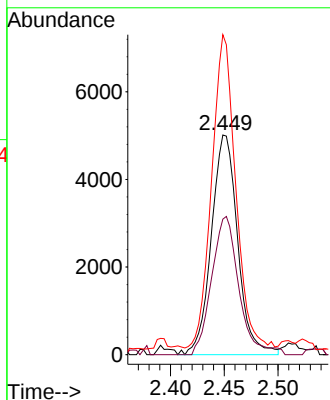
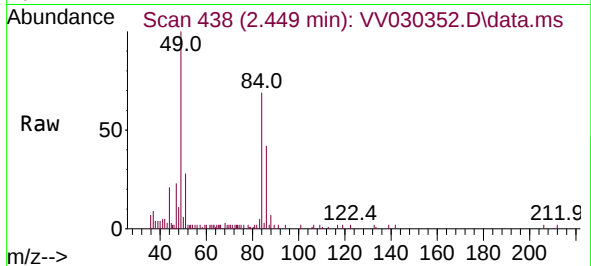




#16
Methylene chloride
Concen: 0.568 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030352.D
Acq: 30 Mar 2023 12:21

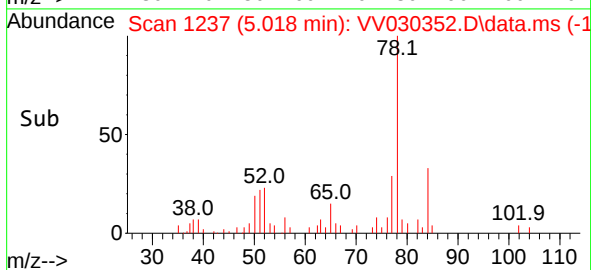
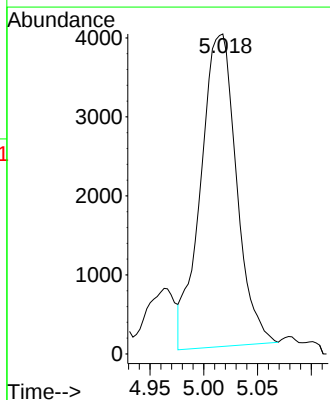
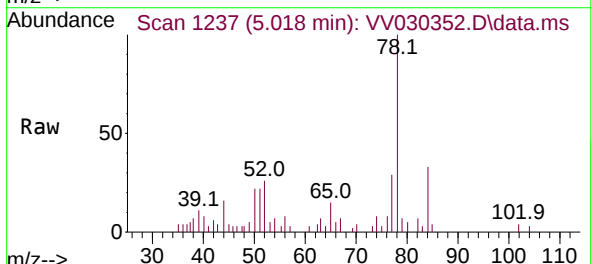
Instrument :
MSVOA_V
ClientSampleId :
CB991

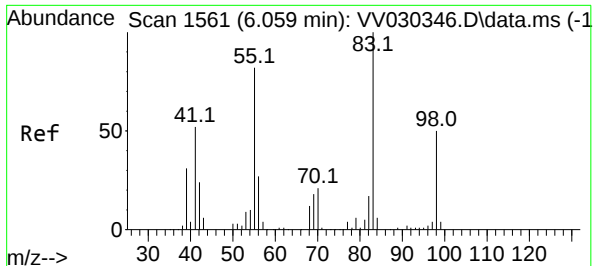
Tgt Ion: 84 Resp: 8551
Ion Ratio Lower Upper
84 100
86 61.7 44.0 81.6
49 145.7 90.6 168.3



#33
Benzene
Concen: 0.181 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030352.D
Acq: 30 Mar 2023 12:21

Tgt Ion: 78 Resp: 9177





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.002 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV030352.D

Acq: 30 Mar 2023 12:21

Instrument :

MSVOA_V

ClientSampleId :

CB991

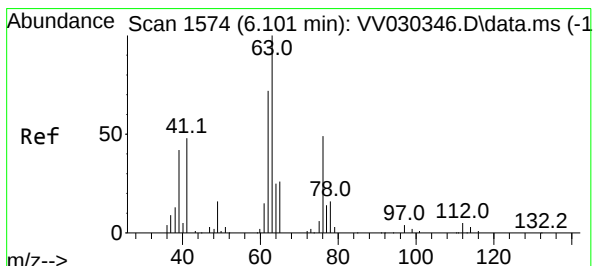
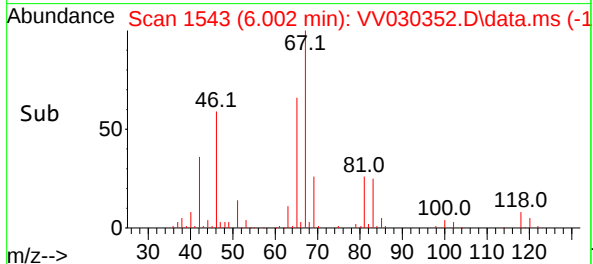
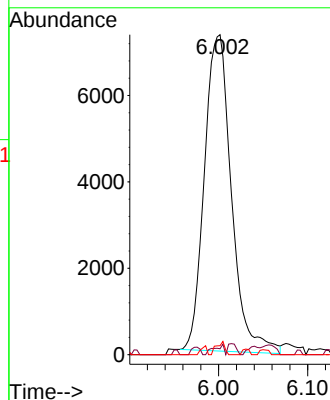
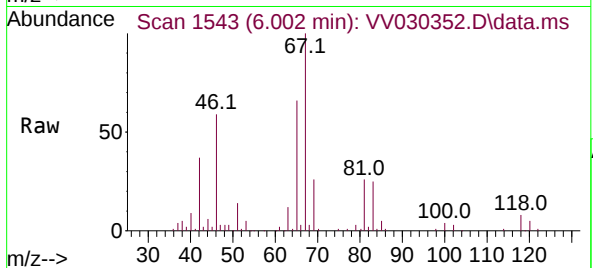
Tgt Ion: 83 Resp: 15444

Ion Ratio Lower Upper

83 100

55 0.9 66.6 100.0#

98 1.3 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.103 min

Lab File: VV030352.D

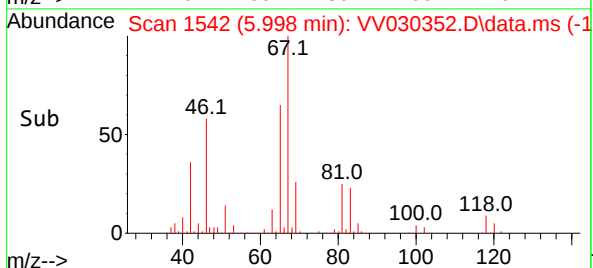
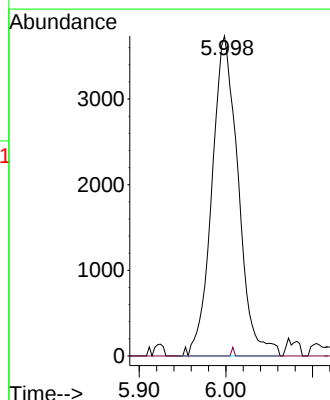
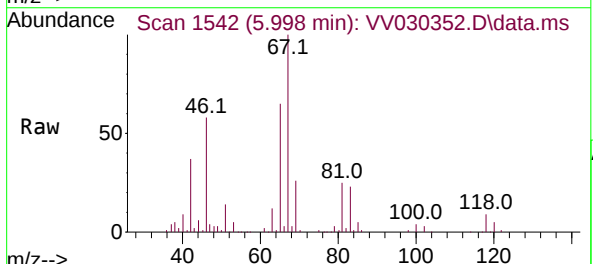
Acq: 30 Mar 2023 12:21

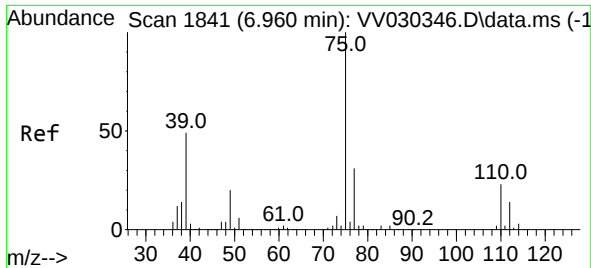
Tgt Ion: 63 Resp: 7894

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV030352.D

Acq: 30 Mar 2023 12:21

Instrument :

MSVOA_V

ClientSampleId :

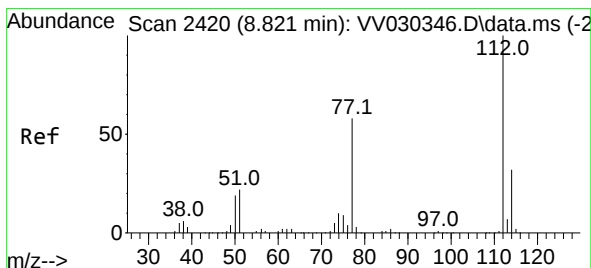
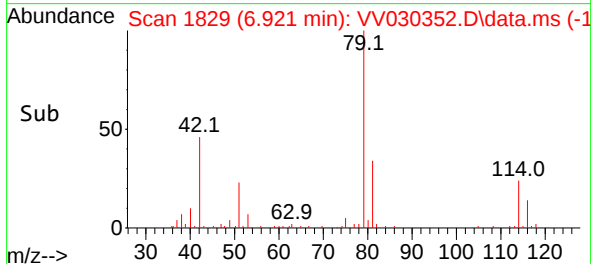
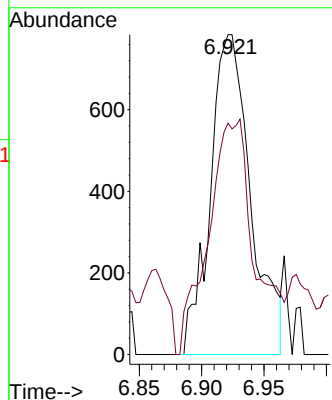
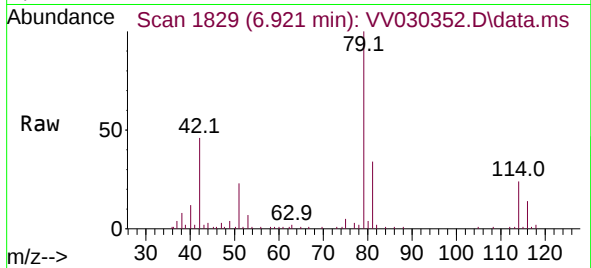
CB991

Tgt Ion: 75 Resp: 1774

Ion Ratio Lower Upper

75 100

77 72.3 22.0 41.0#



#51

Chlorobenzene

Concen: 0.260 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030352.D

Acq: 30 Mar 2023 12:21

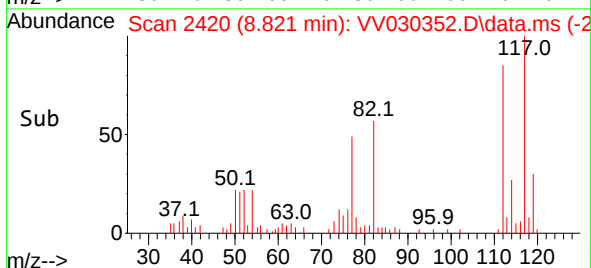
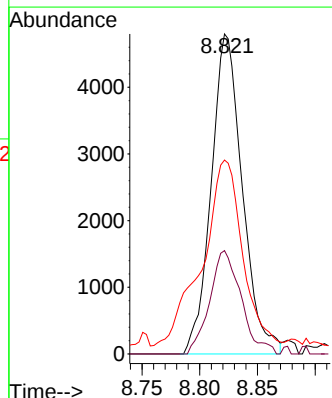
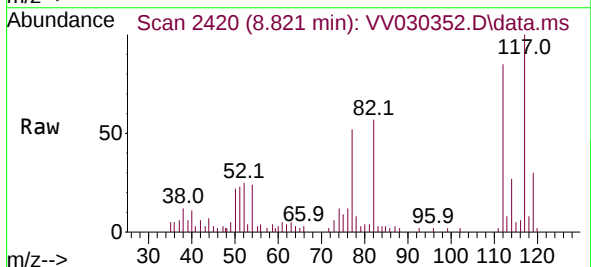
Tgt Ion: 112 Resp: 9000

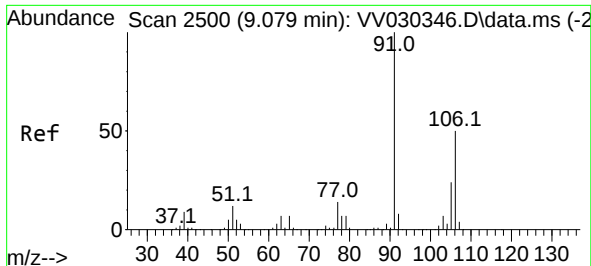
Ion Ratio Lower Upper

112 100

114 32.3 22.4 41.6

77 60.6 45.9 68.9

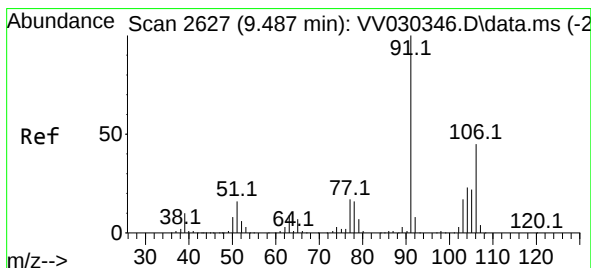
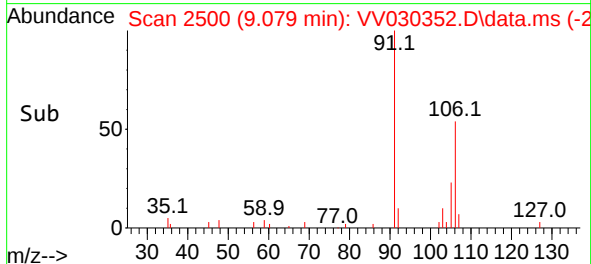
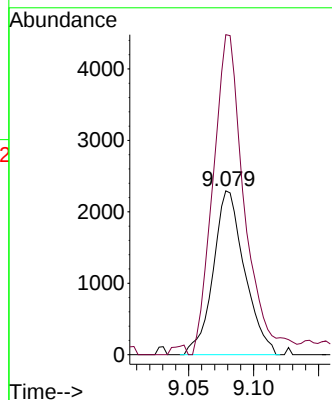
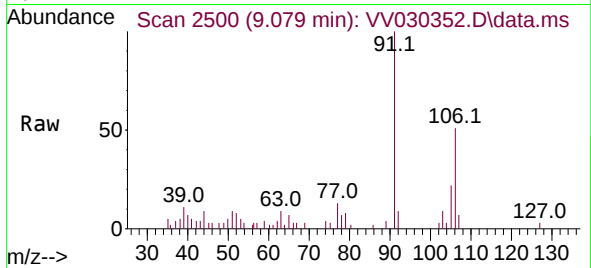




#53
m,p-Xylene
Concen: 0.169 ug/L
RT: 9.079 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030352.D
Acq: 30 Mar 2023 12:21

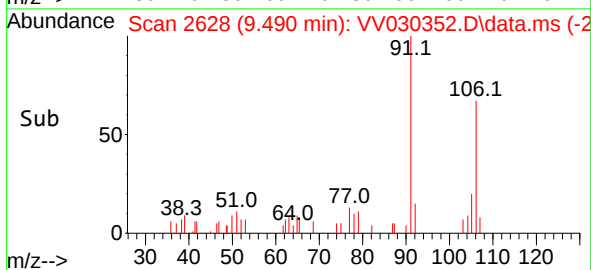
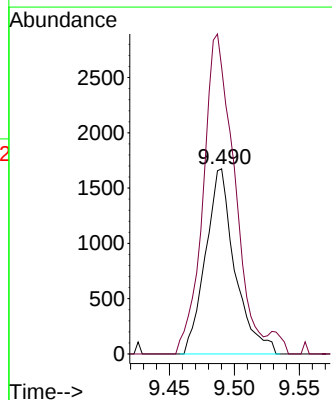
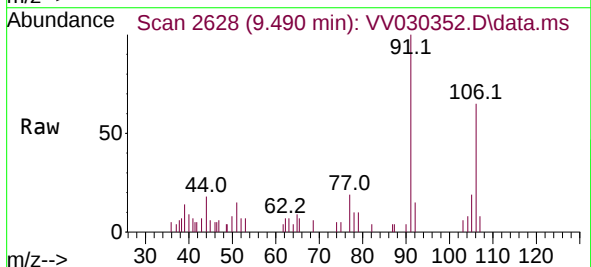
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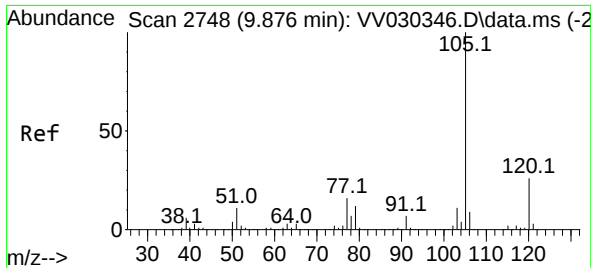
Tgt Ion:106 Resp: 3843
Ion Ratio Lower Upper
106 100
91 195.2 142.4 264.4



#54
o-Xylene
Concen: 0.121 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV030352.D
Acq: 30 Mar 2023 12:21

Tgt Ion:106 Resp: 2634
Ion Ratio Lower Upper
106 100
91 154.8 149.8 278.2

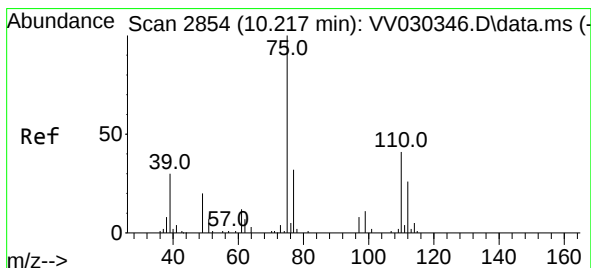
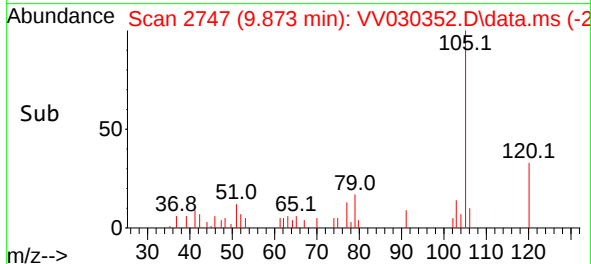
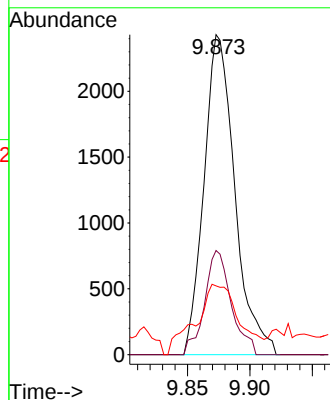
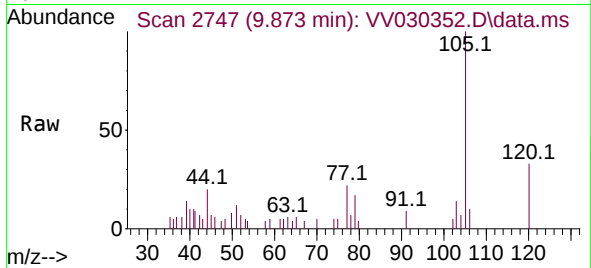




#60
Isopropylbenzene
Concen: 0.080 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030352.D
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Tgt Ion:105 Resp: 4170
Ion Ratio Lower Upper
105 100
120 28.2 21.1 31.7
77 31.3 12.9 19.3#



#61
1,2,3-Trichloropropane
Concen: 1.406 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV030352.D
Acq: 30 Mar 2023 12:21

Tgt Ion: 75 Resp: 8838
Ion Ratio Lower Upper
75 100
77 30.2 26.0 39.0
110 3.6 31.6 47.4#

