

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030264.D
 Acq On : 20 Mar 2023 17:56
 Operator : SY/MD
 Sample : 01947-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB939

Quant Time: Mar 21 02:58:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

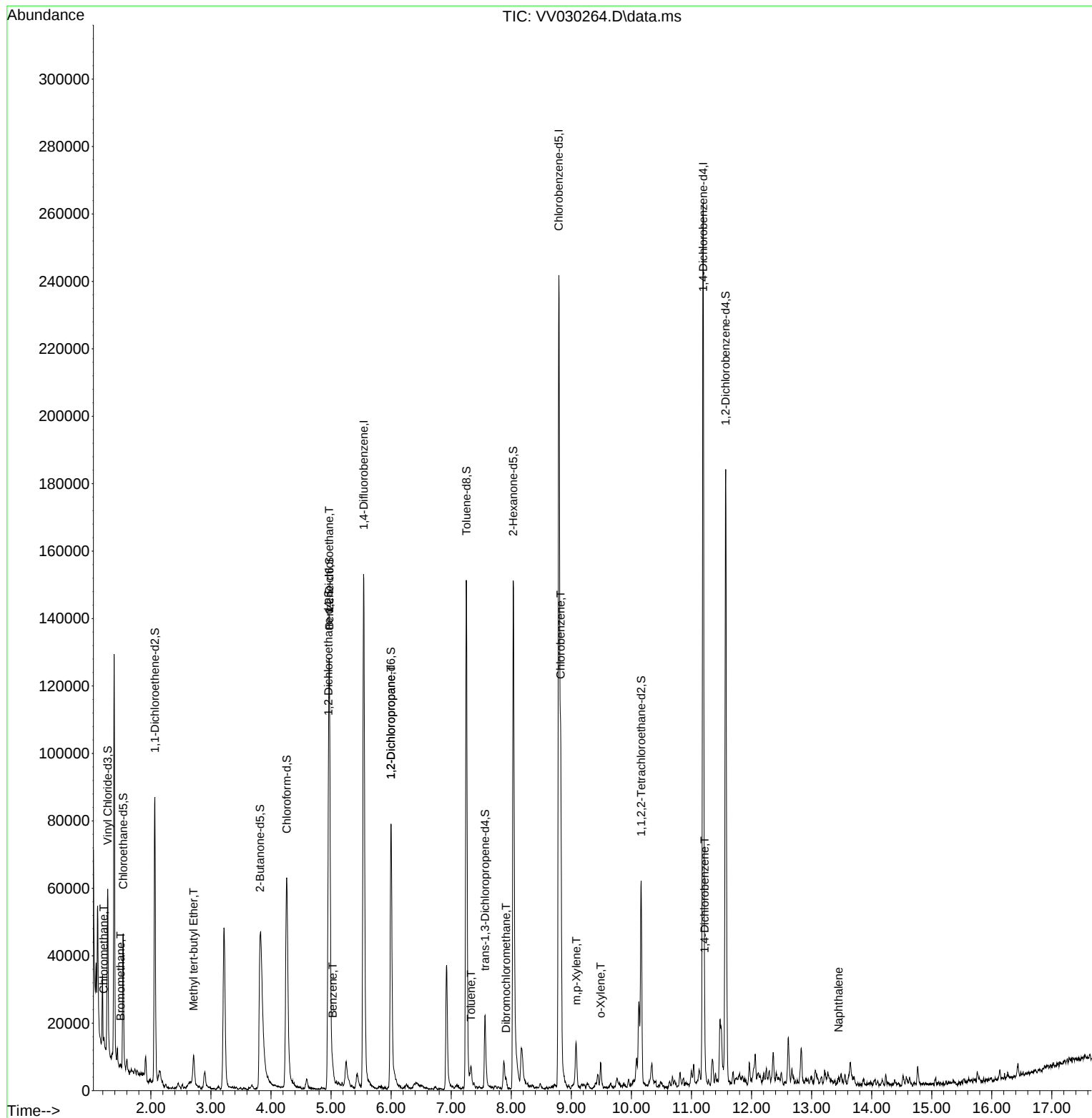
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129622	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	127759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66702	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25277	3.014	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.539	69	25990	3.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.066	63	45061	2.613	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	3.818	46	66269	42.855	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.720%
24) Chloroform-d	4.262	84	64469	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
26) 1,2-Dichloroethane-d4	4.957	65	33244	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	4.973	84	111973	3.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.200%#
36) 1,2-Dichloropropane-d6	5.998	67	34871	3.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.400%
41) Toluene-d8	7.252	98	99513	3.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.000%#
43) trans-1,3-Dichloroprop...	7.564	79	12854	3.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.034	63	54398	37.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.320%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	26936	3.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	44577	3.950	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2419	0.146	ug/L	97
6) Bromomethane	1.494	94	201	0.101	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	6884	0.405	ug/L #	81
27) 1,2-Dichloroethane	4.966	62	912	0.109	ug/L #	71
33) Benzene	5.027	78	4337	0.124	ug/L	100
37) 1,2-Dichloropropane	5.998	63	4694	0.529	ug/L #	87
42) Toluene	7.330	91	3871	0.102	ug/L	94
49) Dibromochloromethane	7.911	129	474	0.064	ug/L #	10
51) Chlorobenzene	8.821	112	49593	1.946	ug/L	96
53) m,p-Xylene	9.085	106	2184	0.138	ug/L	92
54) o-Xylene	9.487	106	1693	0.112	ug/L	92
65) 1,4-Dichlorobenzene	11.220	146	2380	0.118	ug/L	84
71) Naphthalene	13.451	128	1197	0.069	ug/L #	94

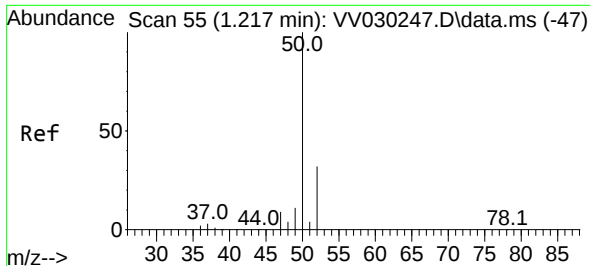
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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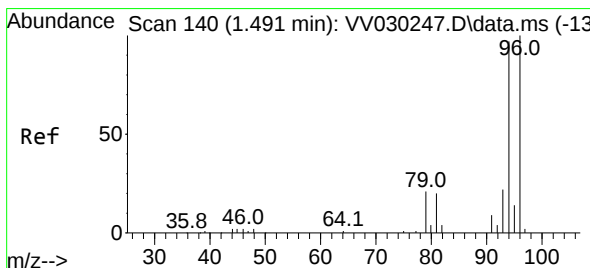
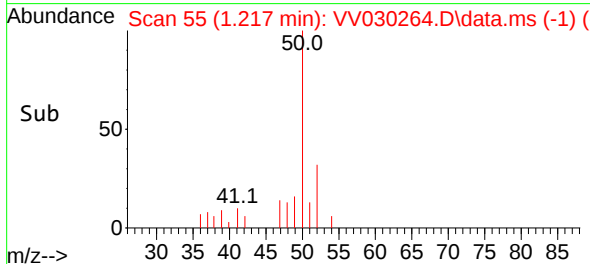
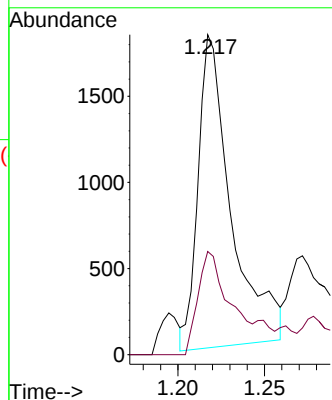
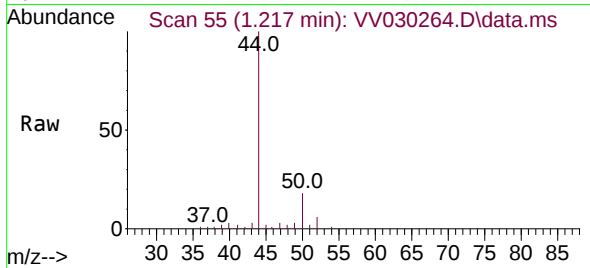




#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030264.D
Acq: 20 Mar 2023 17:56

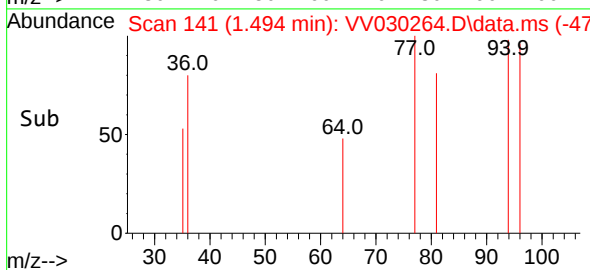
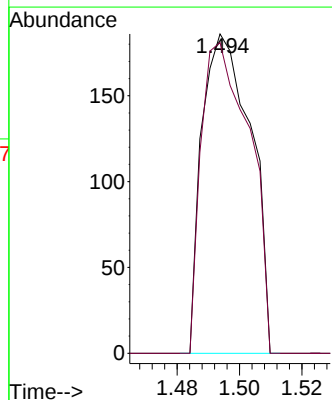
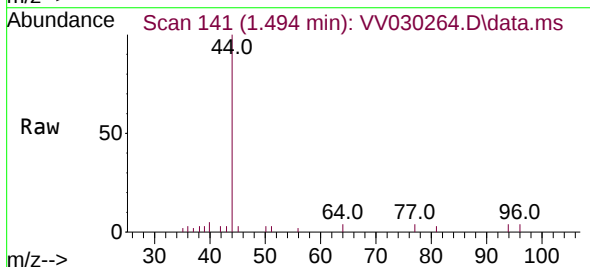
Instrument :
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CB939

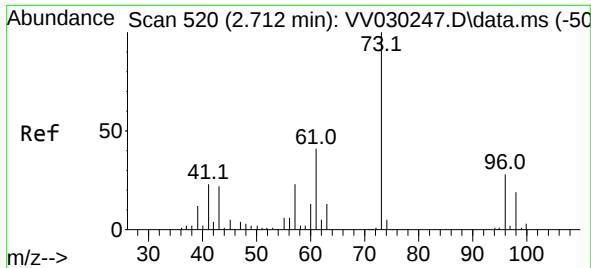
Tgt Ion: 50 Resp: 2419
Ion Ratio Lower Upper
50 100
52 32.2 23.6 43.8



#6
Bromomethane
Concen: 0.101 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030264.D
Acq: 20 Mar 2023 17:56

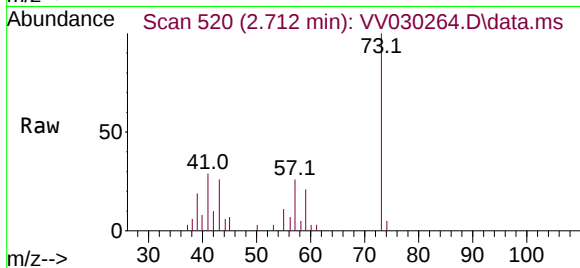
Tgt Ion: 94 Resp: 201
Ion Ratio Lower Upper
94 100
96 97.3 68.4 127.0



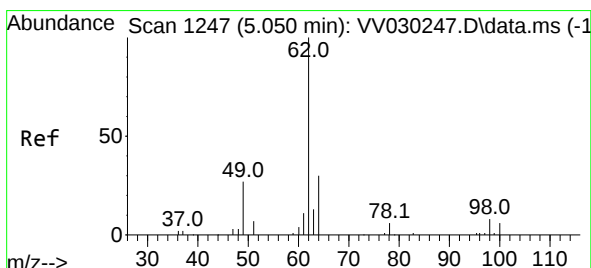
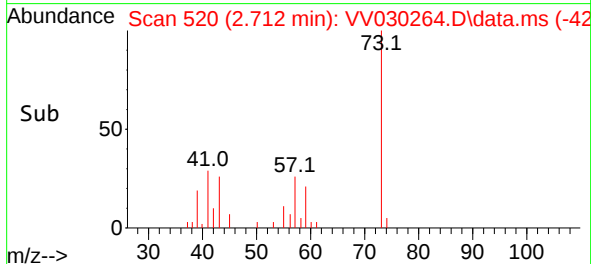
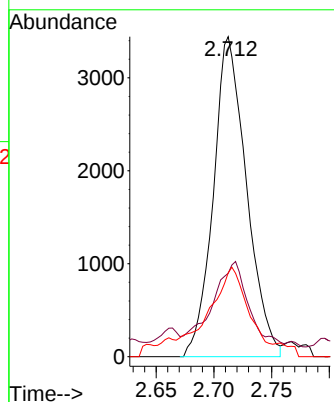


#17
Methyl tert-butyl Ether
Concen: 0.405 ug/L
RT: 2.712 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030264.D
Acq: 20 Mar 2023 17:56

Instrument :
MSVOA_V
ClientSampleId :
CB939

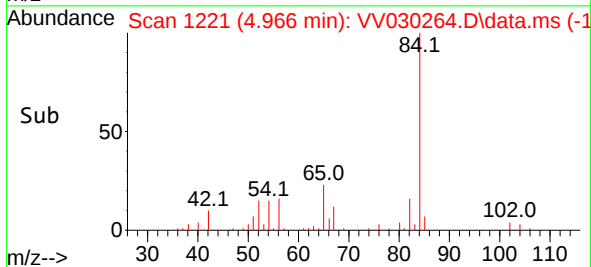
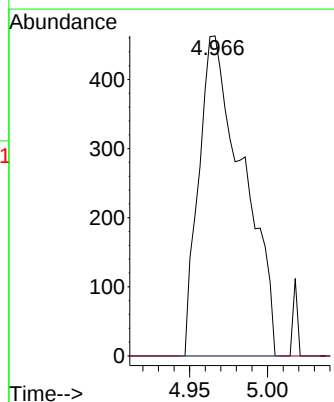
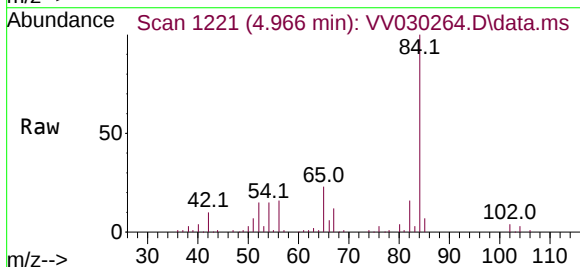


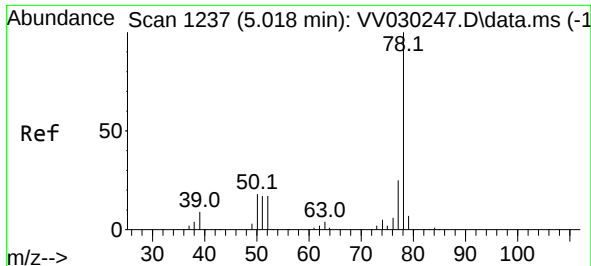
Tgt Ion: 73 Resp: 6884
Ion Ratio Lower Upper
73 100
43 27.7 13.4 20.2#
57 27.3 16.8 25.2#



#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 4.966 min Scan# 1221
Delta R.T. -0.084 min
Lab File: VV030264.D
Acq: 20 Mar 2023 17:56

Tgt Ion: 62 Resp: 912
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

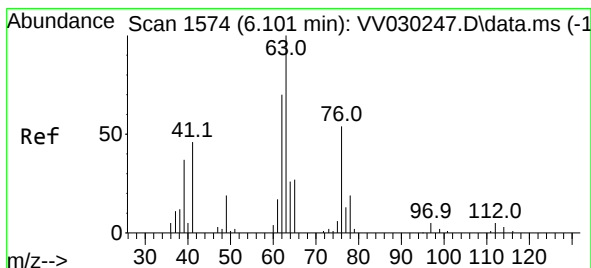
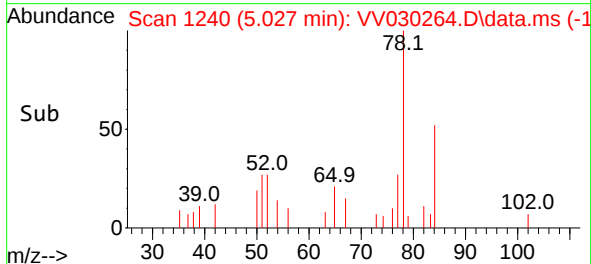
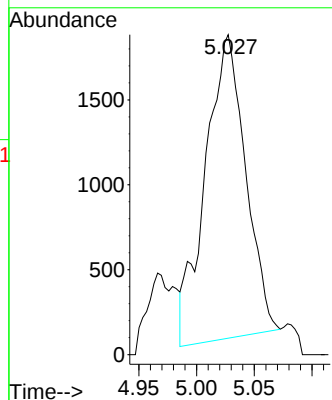
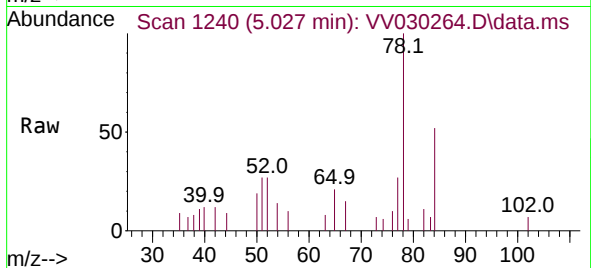




#33
Benzene
Concen: 0.124 ug/L
RT: 5.027 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030264.D
Acq: 20 Mar 2023 17:56

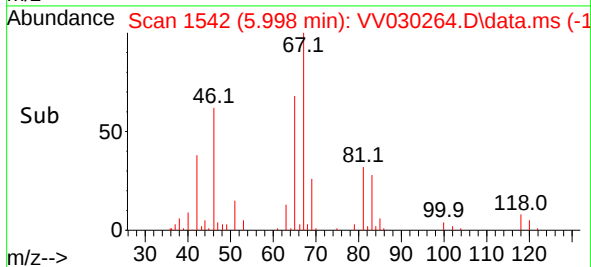
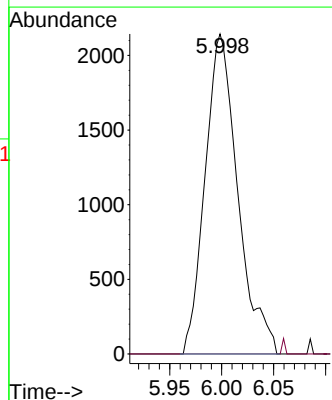
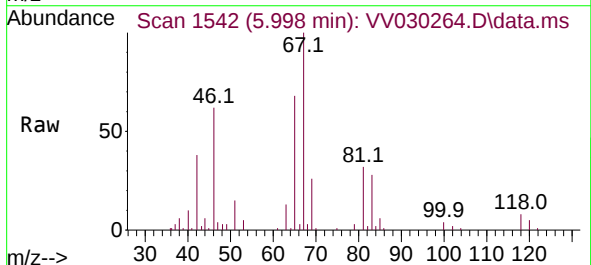
Instrument :
MSVOA_V
ClientSampleId :
CB939

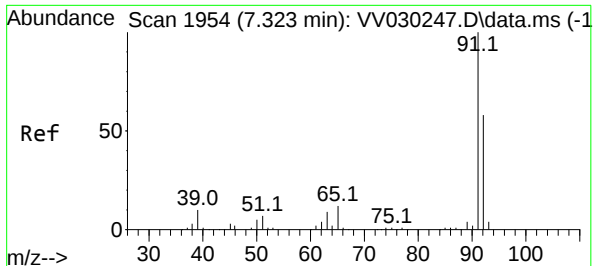
Tgt Ion: 78 Resp: 4337



#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030264.D
Acq: 20 Mar 2023 17:56

Tgt Ion: 63 Resp: 4694
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#





#42

Toluene

Concen: 0.102 ug/L

RT: 7.330 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV030264.D

Acq: 20 Mar 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

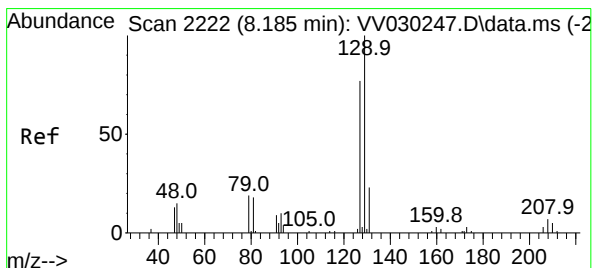
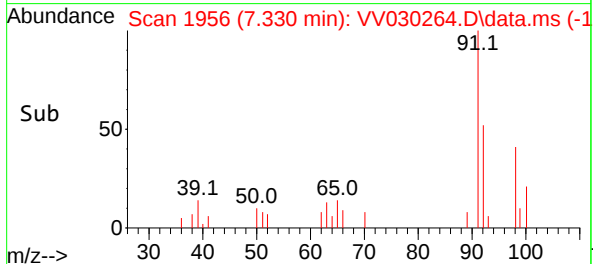
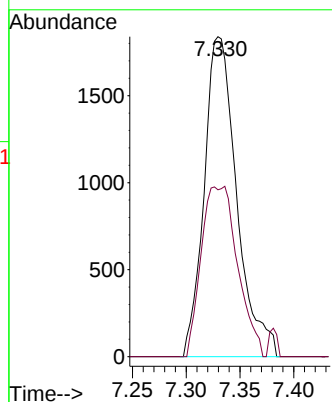
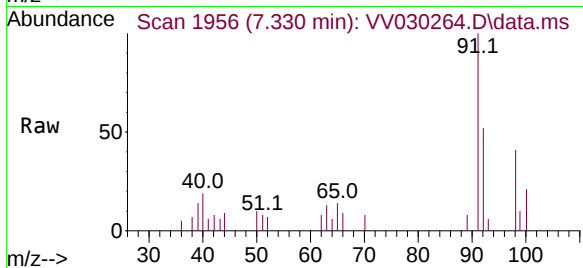
CB939

Tgt Ion: 91 Resp: 3871

Ion Ratio Lower Upper

91 100

92 52.1 39.6 73.6



#49

Dibromochloromethane

Concen: 0.064 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030264.D

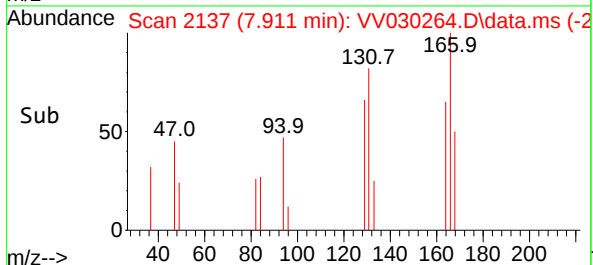
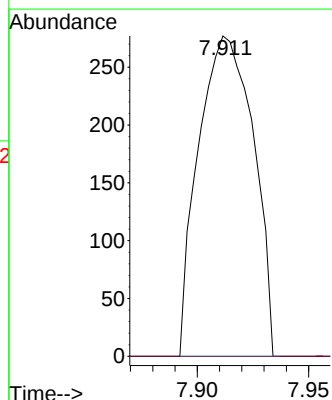
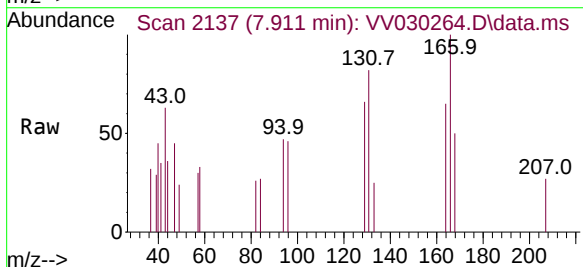
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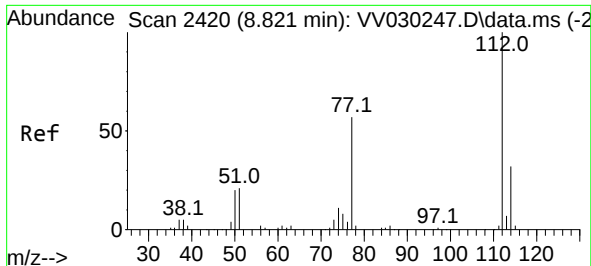
Tgt Ion: 129 Resp: 474

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#

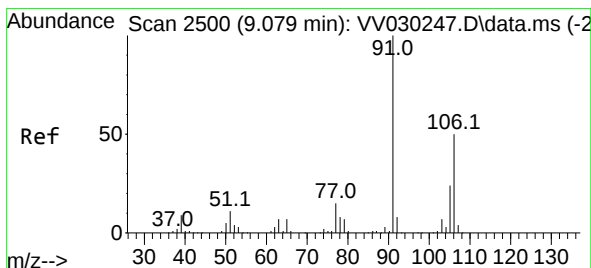
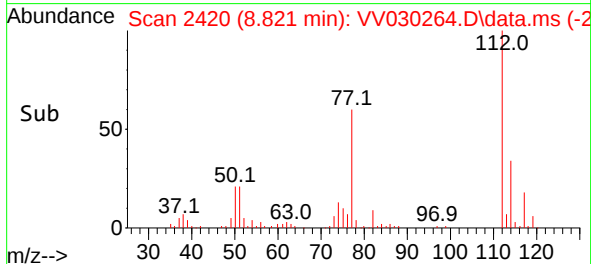
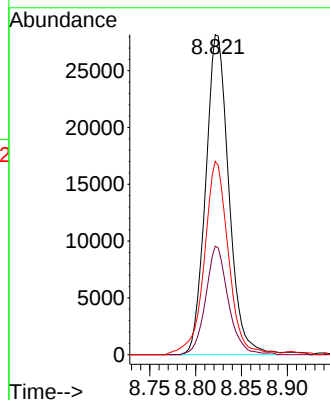
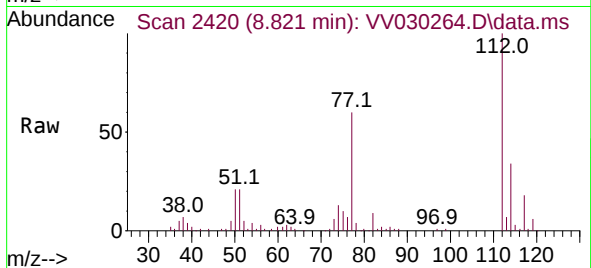




#51
Chlorobenzene
Concen: 1.946 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030264.D
Acq: 20 Mar 2023 17:56

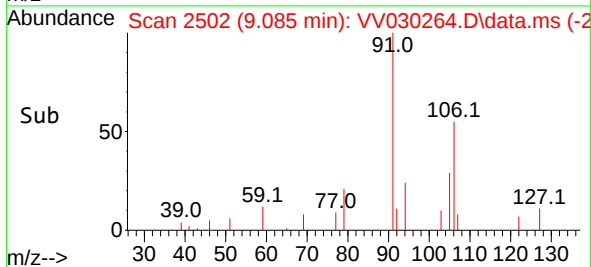
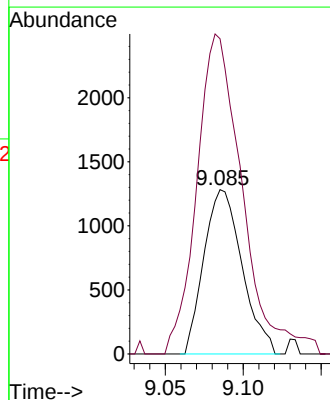
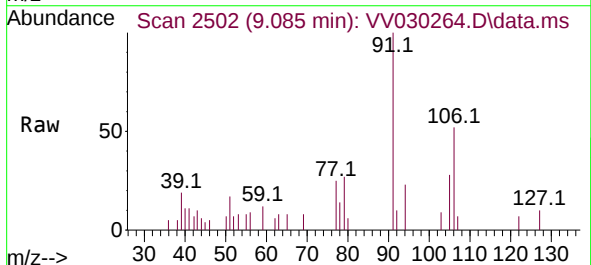
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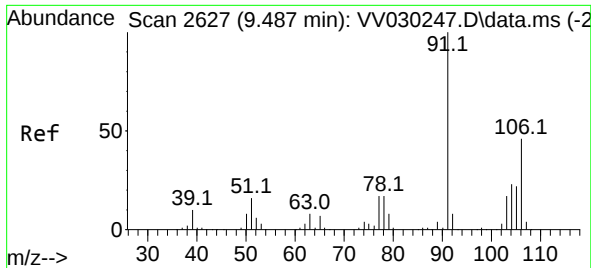
Tgt Ion:112 Resp: 49593
Ion Ratio Lower Upper
112 100
114 33.9 22.5 41.7
77 60.4 45.3 67.9



#53
m,p-Xylene
Concen: 0.138 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.006 min
Lab File: VV030264.D
Acq: 20 Mar 2023 17:56

Tgt Ion:106 Resp: 2184
Ion Ratio Lower Upper
106 100
91 191.8 142.5 264.7

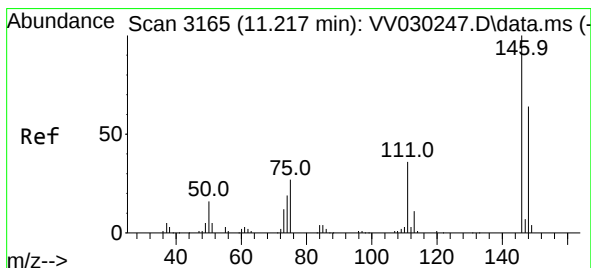
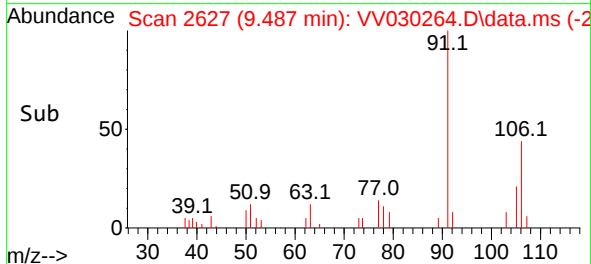
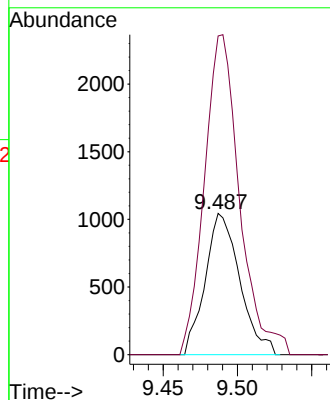
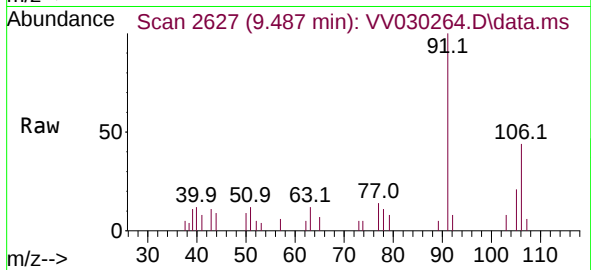




#54
o-Xylene
Concen: 0.112 ug/L
RT: 9.487 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030264.D
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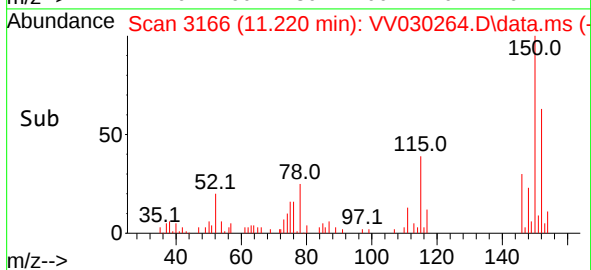
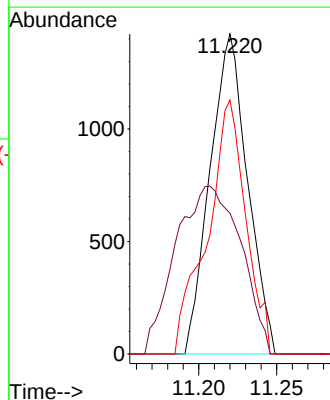
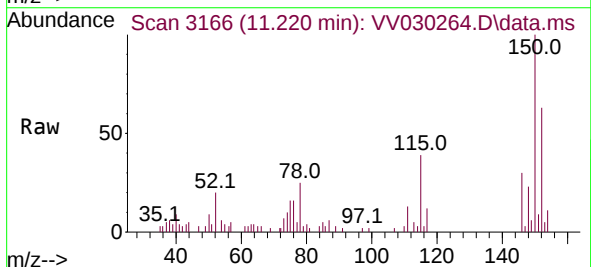
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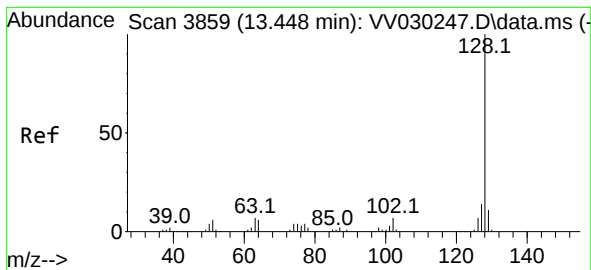
Tgt Ion:106 Resp: 1693
Ion Ratio Lower Upper
106 100
91 225.7 148.8 276.4



#65
1,4-Dichlorobenzene
Concen: 0.118 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030264.D
Acq: 20 Mar 2023 17:56

Tgt Ion:146 Resp: 2380
Ion Ratio Lower Upper
146 100
111 44.0 27.4 51.0
148 79.3 44.1 81.9





#71

Naphthalene

Concen: 0.069 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.003 min

Lab File: VV030264.D

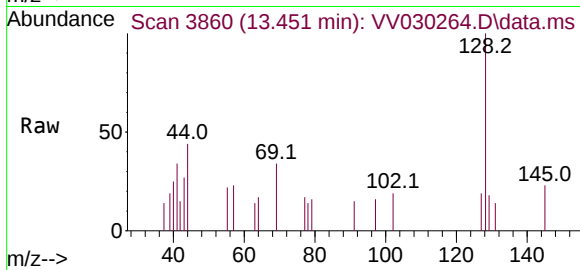
Acq: 20 Mar 2023 17:56

Instrument :

MSVOA_V

ClientSampleId :

CB939



Tgt Ion:128 Resp: 1197

Ion Ratio Lower Upper

128 100

129 7.8 8.6 13.0#

127 11.6 10.4 15.6

