

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030336.D
 Acq On : 29 Mar 2023 18:58
 Operator : SY/MD
 Sample : 02092-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB978

Quant Time: Mar 30 02:14:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

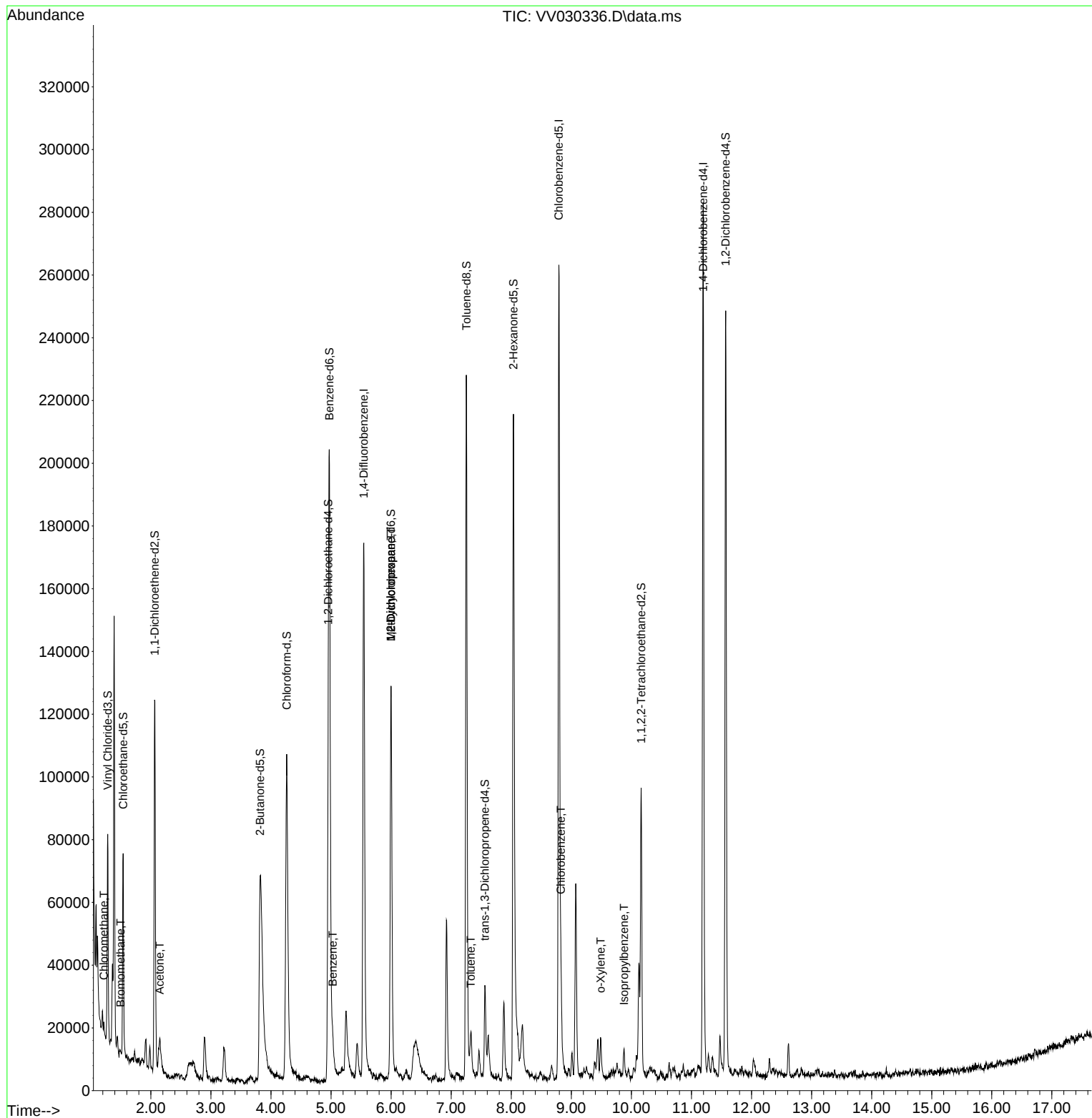
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	148153	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	138560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71435	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39126	3.987	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.539	69	40895	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.063	63	63605	2.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	3.818	46	102811	40.538	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.080%
24) Chloroform-d	4.262	84	102027	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	4.953	65	50670	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	4.973	84	178074	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.998	67	58485	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.252	98	149821	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.561	79	18816	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.037	63	79683	43.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.180%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42154	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	62439	4.890	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	4150	0.175	ug/L	100
6) Bromomethane	1.497	94	569	0.115	ug/L	100
13) Acetone	2.146	43	20277	8.361	ug/L	77
33) Benzene	5.027	78	11302	0.230	ug/L	100
35) Methylcyclohexane	5.998	83	14001	0.672	ug/L #	17
37) 1,2-Dichloropropane	5.998	63	6900	0.546	ug/L #	87
42) Toluene	7.326	91	8596	0.164	ug/L	98
51) Chlorobenzene	8.825	112	15249	0.454	ug/L	95
54) o-Xylene	9.487	106	2976	0.142	ug/L	98
60) Isopropylbenzene	9.876	105	5059	0.096	ug/L #	93

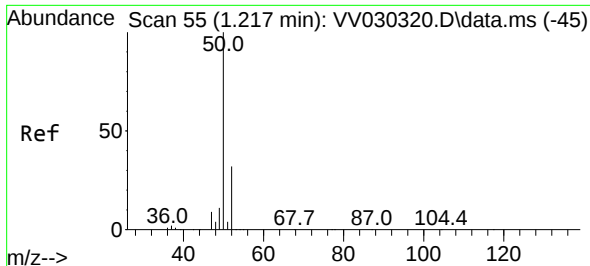
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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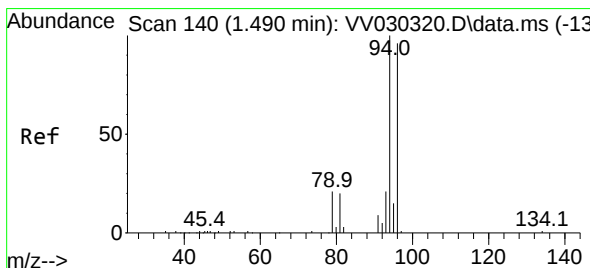
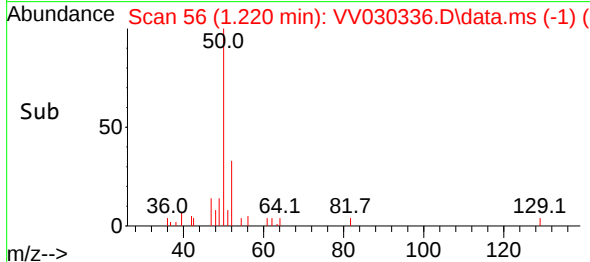
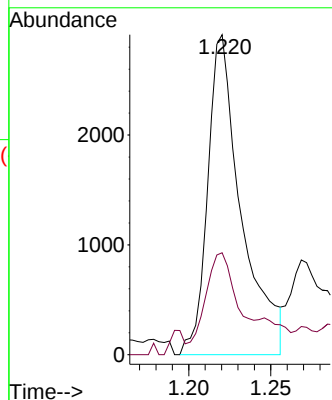
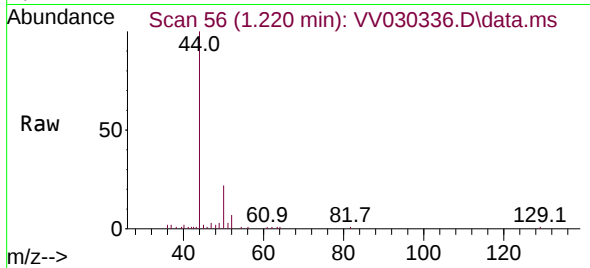




#3
Chloromethane
Concen: 0.175 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030336.D
Acq: 29 Mar 2023 18:58

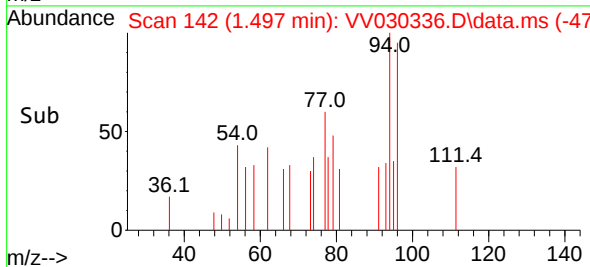
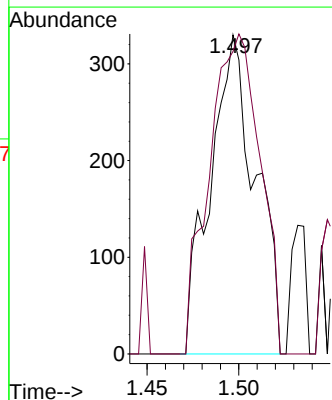
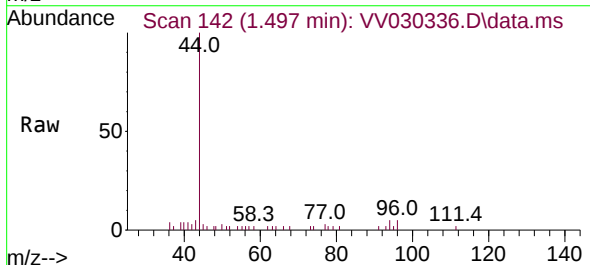
Instrument :
MSVOA_V
ClientSampleId :
CB978

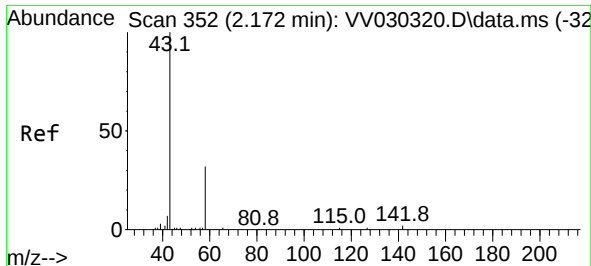
Tgt Ion: 50 Resp: 4150
Ion Ratio Lower Upper
50 100
52 31.9 22.3 41.5



#6
Bromomethane
Concen: 0.115 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030336.D
Acq: 29 Mar 2023 18:58

Tgt Ion: 94 Resp: 569
Ion Ratio Lower Upper
94 100
96 94.8 66.1 122.7





#13

Acetone

Concen: 8.361 ug/L

RT: 2.146 min Scan# 34

Delta R.T. -0.026 min

Lab File: VV030336.D

Acq: 29 Mar 2023 18:58

Instrument :

MSVOA_V

ClientSampleId :

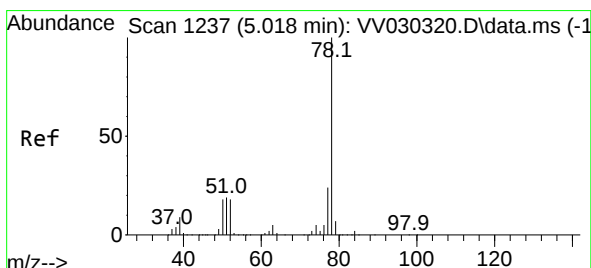
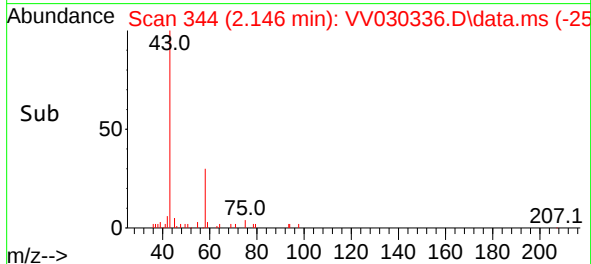
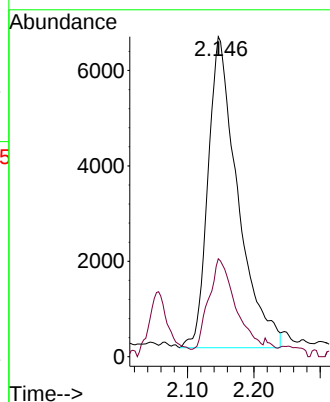
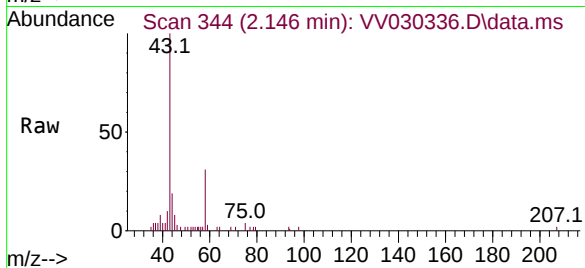
CB978

Tgt Ion: 43 Resp: 20277

Ion Ratio Lower Upper

43 100

58 30.8 0.0 40.8



#33

Benzene

Concen: 0.230 ug/L

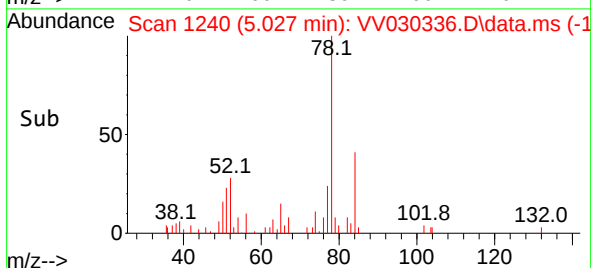
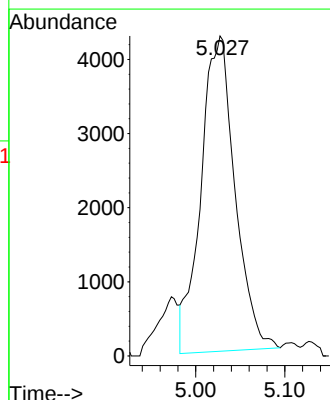
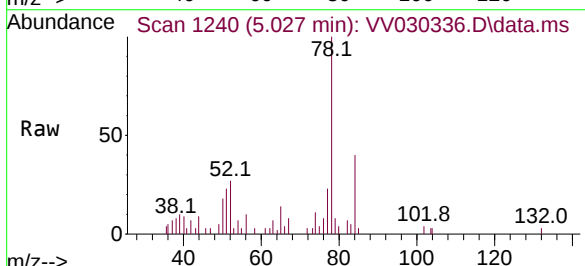
RT: 5.027 min Scan# 1240

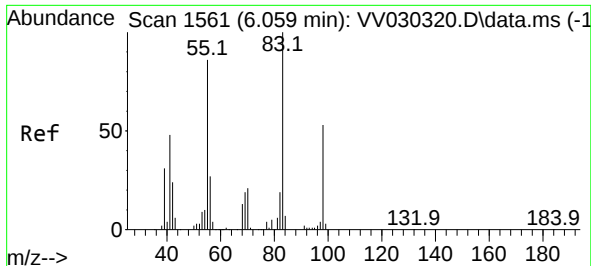
Delta R.T. 0.010 min

Lab File: VV030336.D

Acq: 29 Mar 2023 18:58

Tgt Ion: 78 Resp: 11302

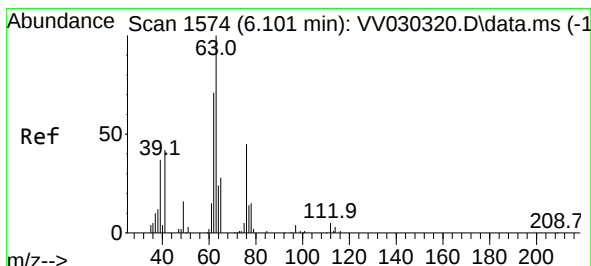
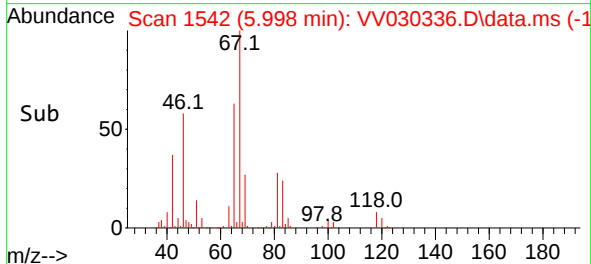
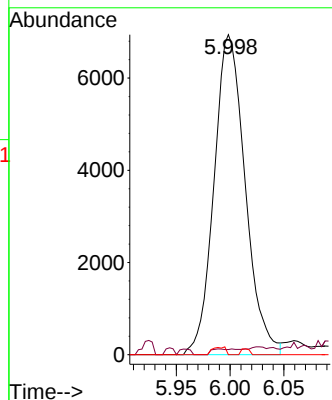
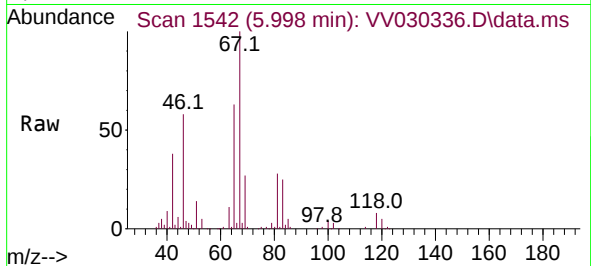




#35
Methylcyclohexane
Concen: 0.672 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030336.D
Acq: 29 Mar 2023 18:58

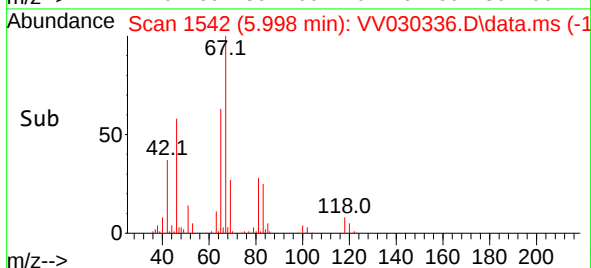
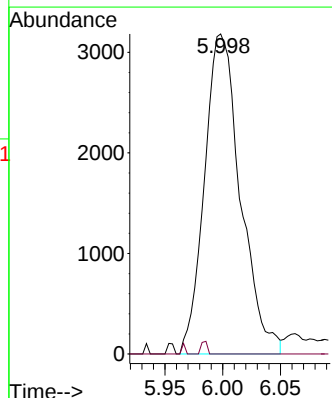
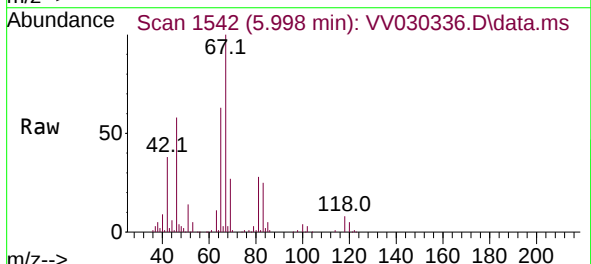
Instrument :
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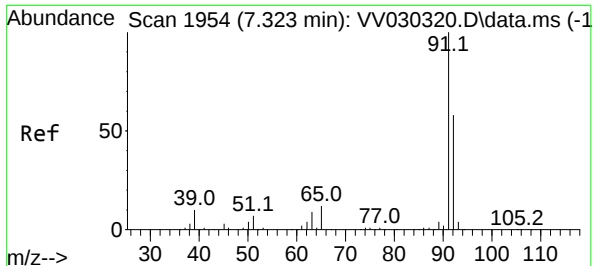
Tgt Ion: 83 Resp: 14001
Ion Ratio Lower Upper
83 100
55 0.9 66.6 100.0#
98 1.0 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030336.D
Acq: 29 Mar 2023 18:58

Tgt Ion: 63 Resp: 6900
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#





#42

Toluene

Concen: 0.164 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030336.D

Acq: 29 Mar 2023 18:58

Instrument :

MSVOA_V

ClientSampleId :

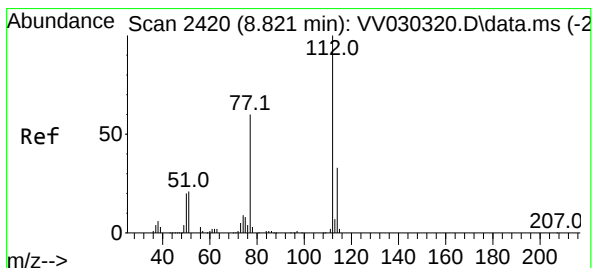
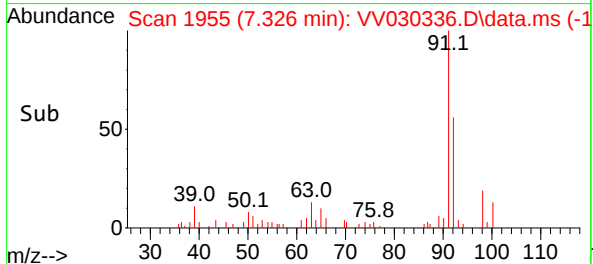
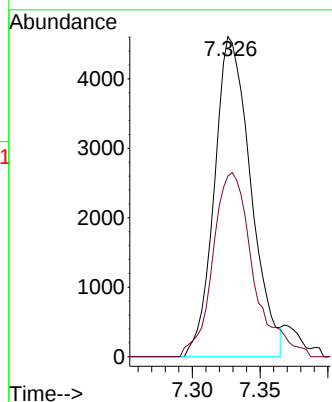
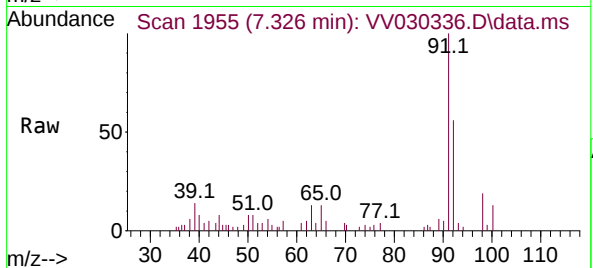
CB978

Tgt Ion: 91 Resp: 8596

Ion Ratio Lower Upper

91 100

92 56.5 40.4 75.0



#51

Chlorobenzene

Concen: 0.454 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030336.D

Acq: 29 Mar 2023 18:58

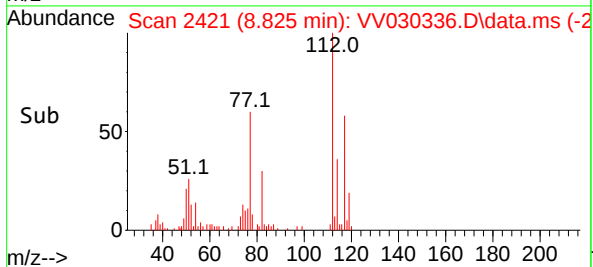
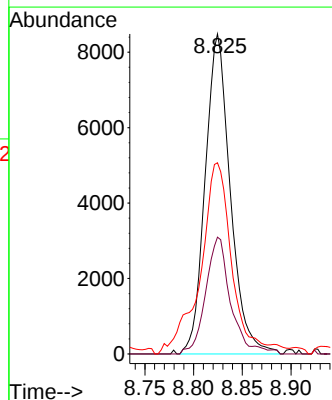
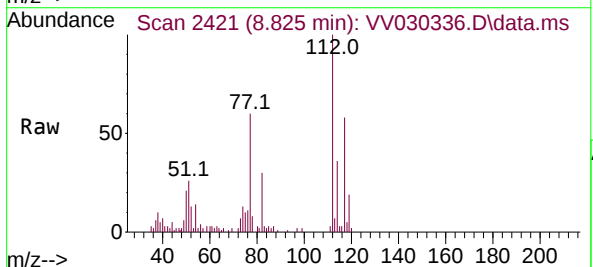
Tgt Ion: 112 Resp: 15249

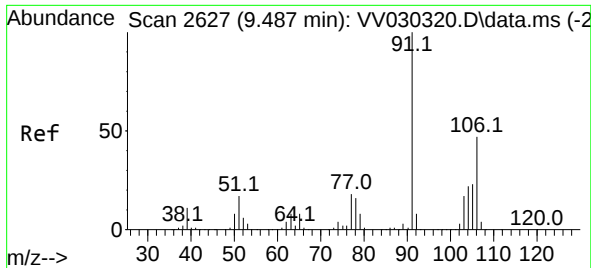
Ion Ratio Lower Upper

112 100

114 36.5 22.4 41.6

77 59.8 45.9 68.9

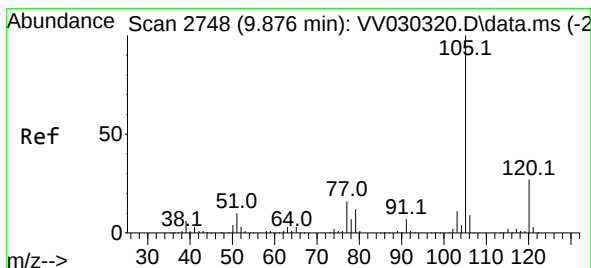
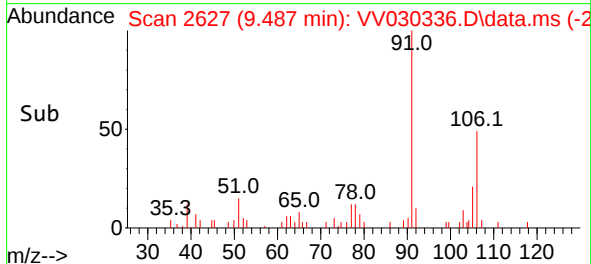
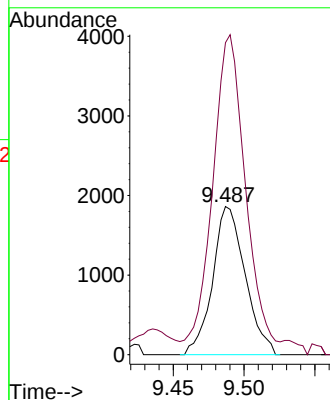
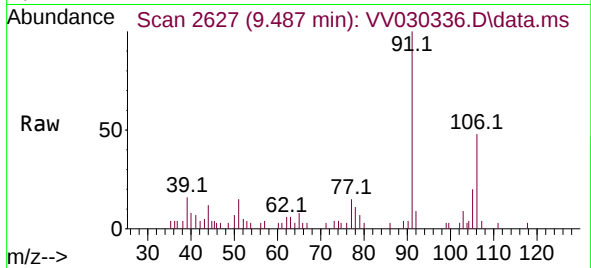




#54
o-Xylene
Concen: 0.142 ug/L
RT: 9.487 min Scan# 21
Delta R.T. -0.000 min
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Tgt Ion:106 Resp: 2976
Ion Ratio Lower Upper
106 100
91 210.5 149.8 278.2



#60
Isopropylbenzene
Concen: 0.096 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. -0.000 min
Lab File: VV030336.D
Acq: 29 Mar 2023 18:58

Tgt Ion:105 Resp: 5059
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 23.8 12.9 19.3#

