

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031623\
 Data File : VW030225.D
 Acq On : 16 Mar 2023 16:10
 Operator : SY/MD
 Sample : 01947-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB929

Quant Time: Mar 17 05:49:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 05:46:57 2023
 Response via : Initial Calibration

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

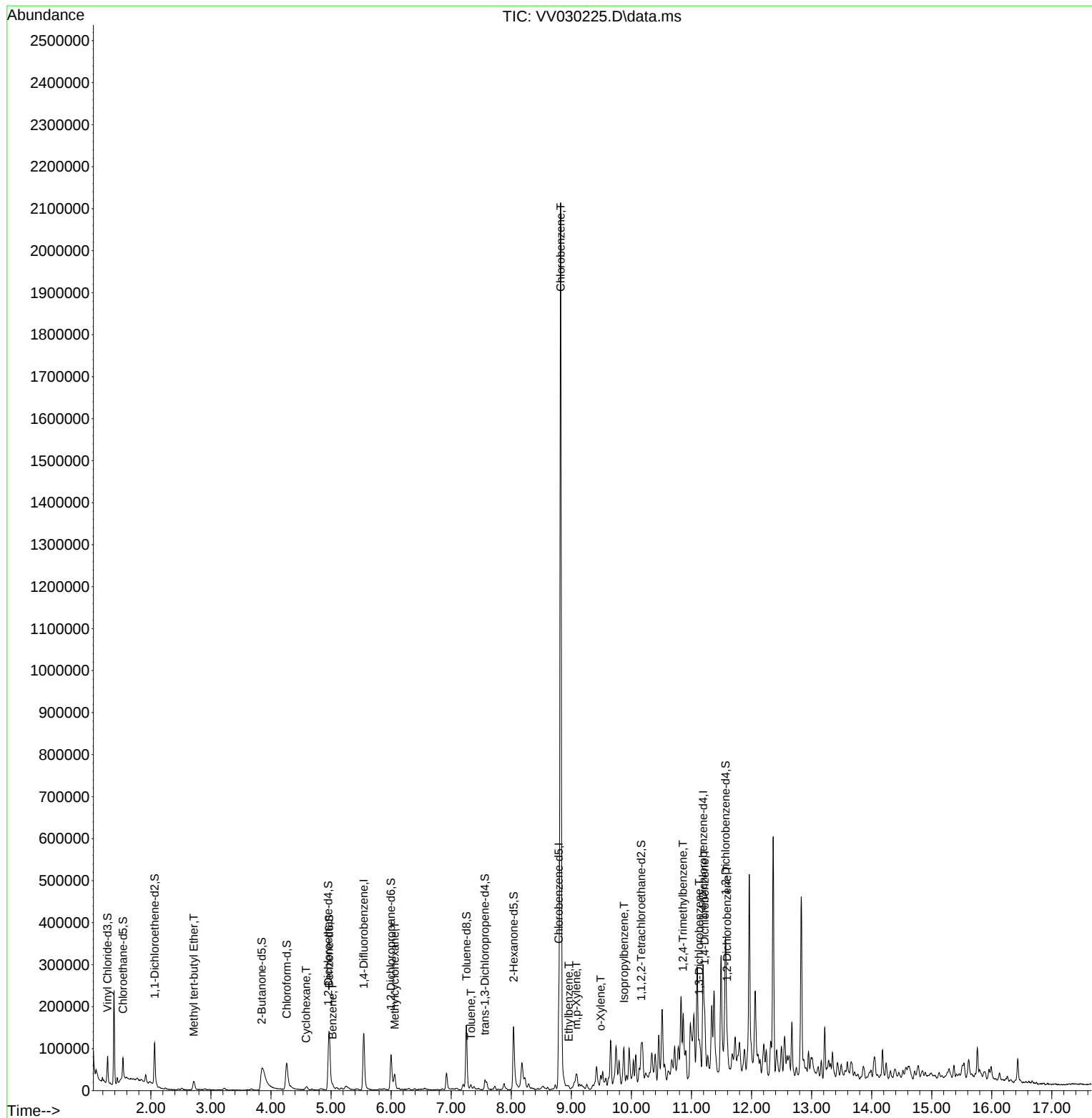
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	114587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	106592	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57279	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32714	4.412	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.535	69	29606	4.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.063	63	51597	3.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.847	46	56195	41.109	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.220%
24) Chloroform-d	4.262	84	67016	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.953	65	34331	5.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	4.969	84	123676	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	5.998	67	39210	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.252	98	101788	3.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.561	79	14368	4.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.040	63	57582	47.147	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.300%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32047	5.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	41439	4.276	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.715	73	17423	1.159	ug/L #	83
30) Cyclohexane	4.583	56	3584	0.331	ug/L #	17
33) Benzene	5.024	78	11119	0.382	ug/L	100
35) Methylcyclohexane	6.059	83	13452	1.090	ug/L	93
42) Toluene	7.329	91	7946	0.252	ug/L	95
51) Chlorobenzene	8.821	112	1054958	49.613	ug/L	97
52) Ethylbenzene	8.956	91	2433	0.071	ug/L	88
53) m,p-Xylene	9.085	106	5437	0.412	ug/L	100
54) o-Xylene	9.487	106	5141	0.408	ug/L	92
60) Isopropylbenzene	9.876	105	50960	1.546	ug/L #	85
63) 1,2,4-Trimethylbenzene	10.860	105	4595	0.166	ug/L	90
64) 1,3-Dichlorobenzene	11.127	146	21799	1.270	ug/L	92
65) 1,4-Dichlorobenzene	11.220	146	45198	2.610	ug/L	96
67) 1,2-Dichlorobenzene	11.590	146	4712	0.311	ug/L #	84

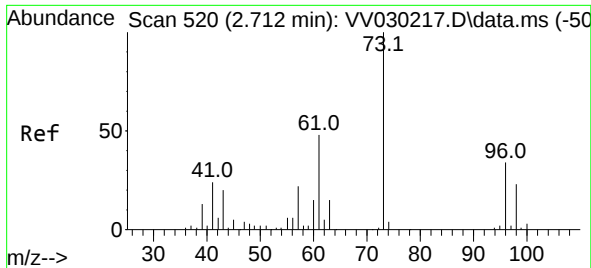
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031623\
Data File : VV030225.D
Acq On : 16 Mar 2023 16:10
Operator : SY/MD
Sample : 01947-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB929

Quant Time: Mar 17 05:49:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 17 05:46:57 2023
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 1.159 ug/L

RT: 2.715 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV030225.D

Acq: 16 Mar 2023 16:10

Instrument :

MSVOA_V

ClientSampleId :

CB929

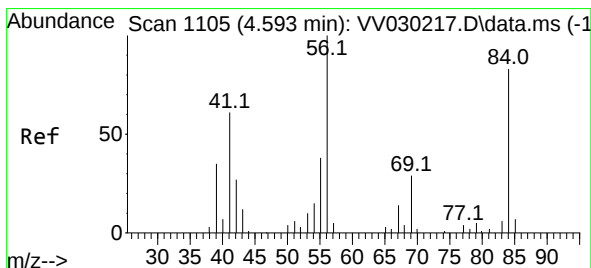
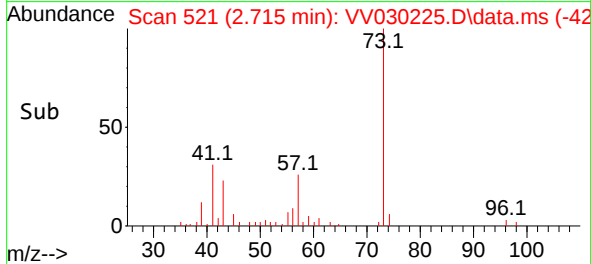
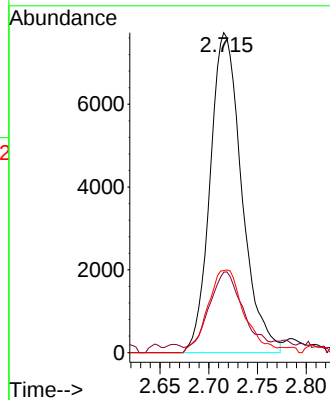
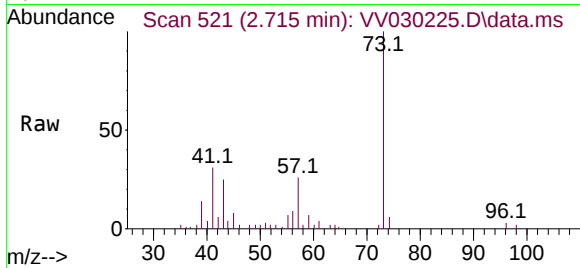
Tgt Ion: 73 Resp: 17423

Ion Ratio Lower Upper

73 100

43 24.2 13.4 20.2#

57 29.3 16.8 25.2#



#30

Cyclohexane

Concen: 0.331 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.010 min

Lab File: VV030225.D

Acq: 16 Mar 2023 16:10

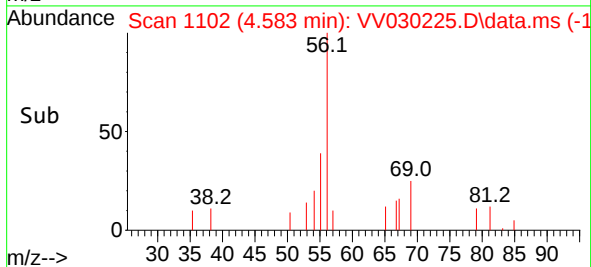
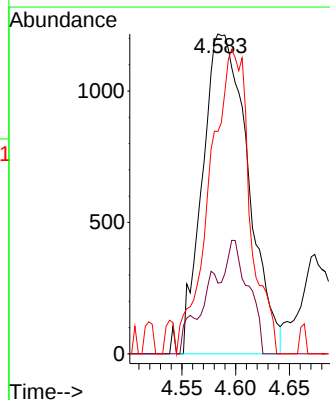
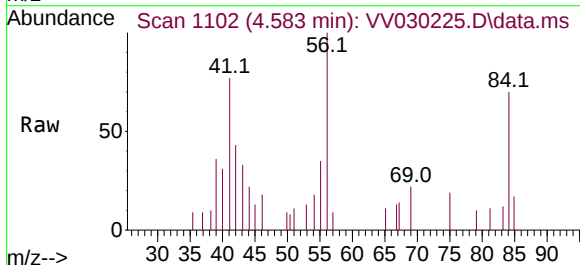
Tgt Ion: 56 Resp: 3584

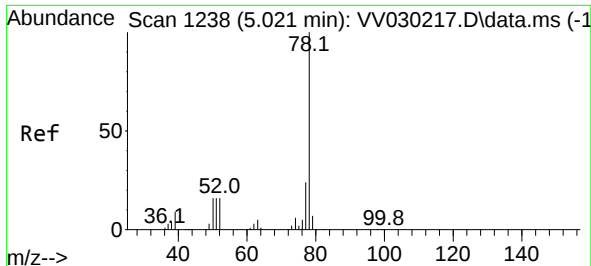
Ion Ratio Lower Upper

56 100

69 7.9 25.1 37.7#

84 0.0 74.6 111.8#

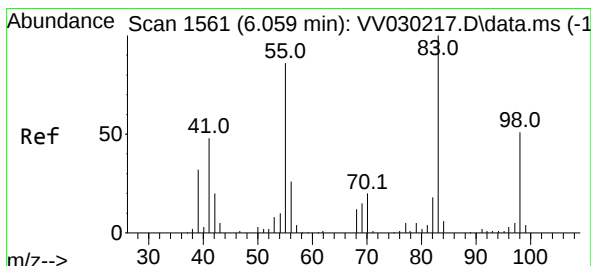
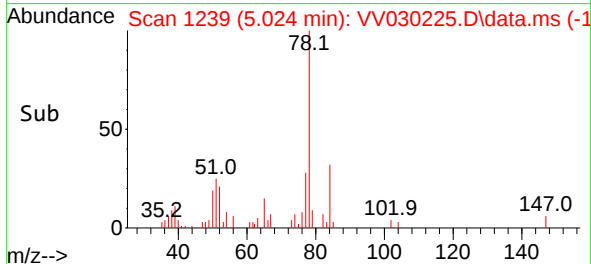
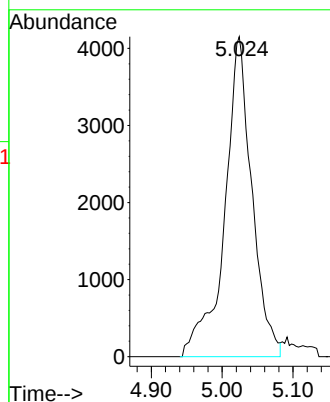
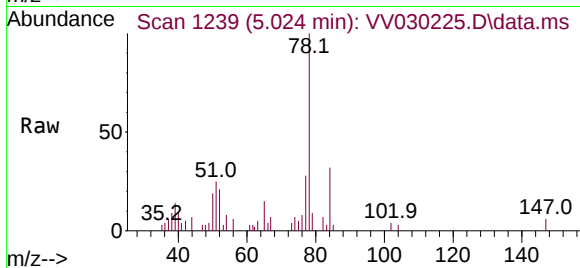




#33
Benzene
Concen: 0.382 ug/L
RT: 5.024 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030225.D
Acq: 16 Mar 2023 16:10

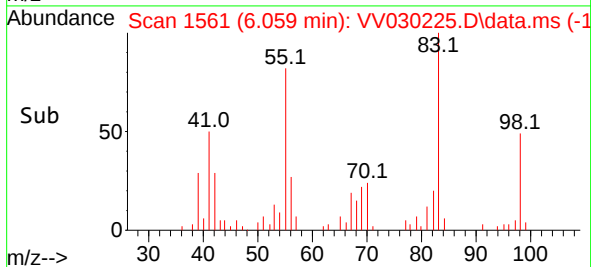
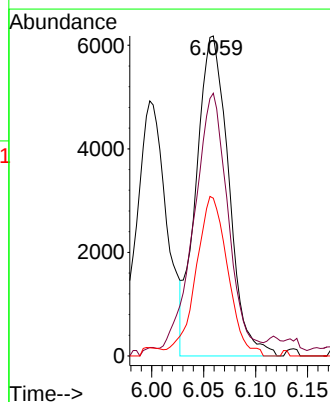
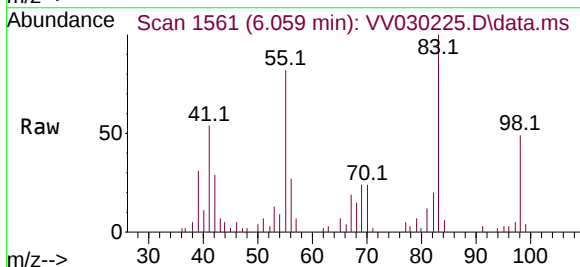
Instrument :
MSVOA_V
ClientSampleId :
CB929

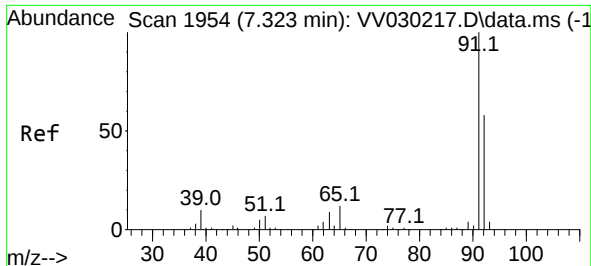
Tgt Ion: 78 Resp: 11119



#35
Methylcyclohexane
Concen: 1.090 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030225.D
Acq: 16 Mar 2023 16:10

Tgt Ion: 83 Resp: 13452
Ion Ratio Lower Upper
83 100
55 81.0 57.6 86.4
98 48.9 38.8 58.2





#42

Toluene

Concen: 0.252 ug/L

RT: 7.329 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV030225.D

Acq: 16 Mar 2023 16:10

Instrument :

MSVOA_V

ClientSampleId :

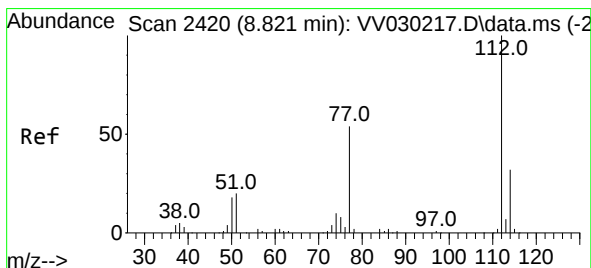
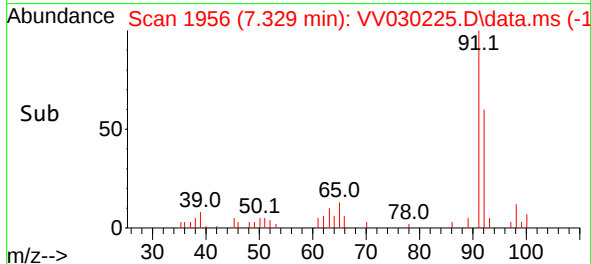
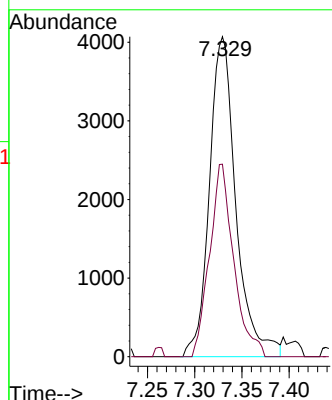
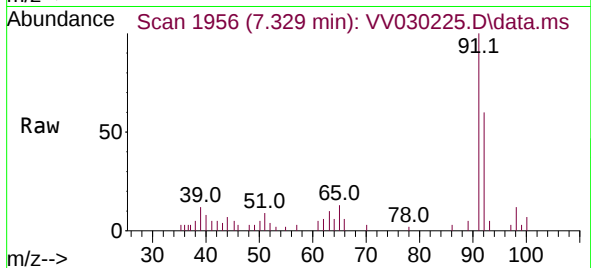
CB929

Tgt Ion: 91 Resp: 7946

Ion Ratio Lower Upper

91 100

92 60.2 39.6 73.6



#51

Chlorobenzene

Concen: 49.613 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030225.D

Acq: 16 Mar 2023 16:10

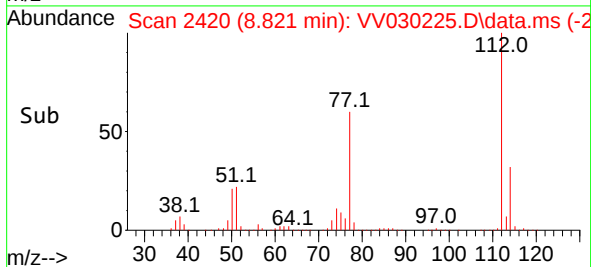
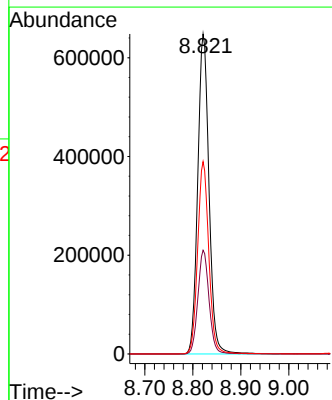
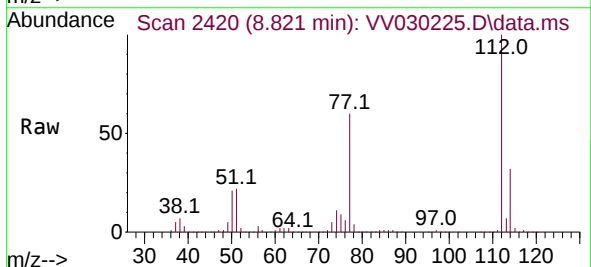
Tgt Ion: 112 Resp: 1054958

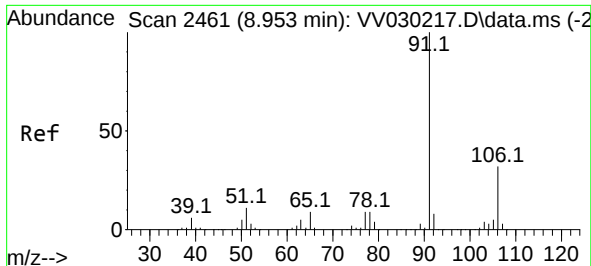
Ion Ratio Lower Upper

112 100

114 32.4 22.5 41.7

77 60.1 45.3 67.9

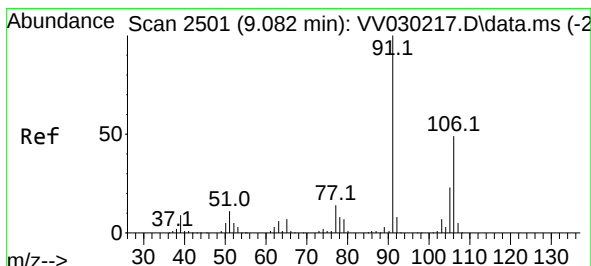
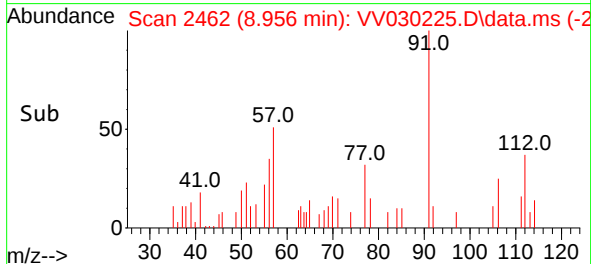
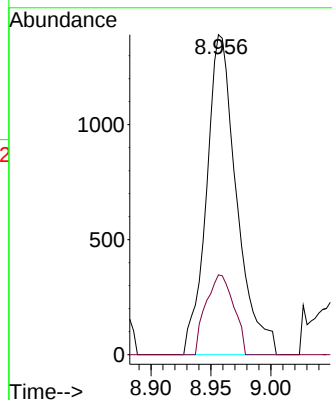
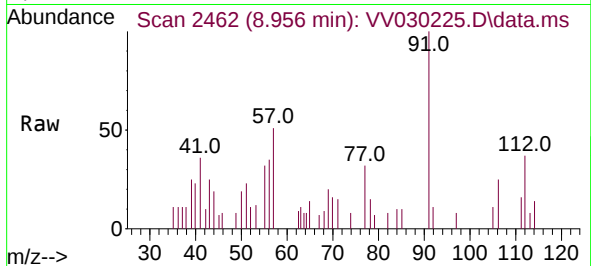




#52
Ethylbenzene
Concen: 0.071 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.003 min
Lab File: VV030225.D
Acq: 16 Mar 2023 16:10

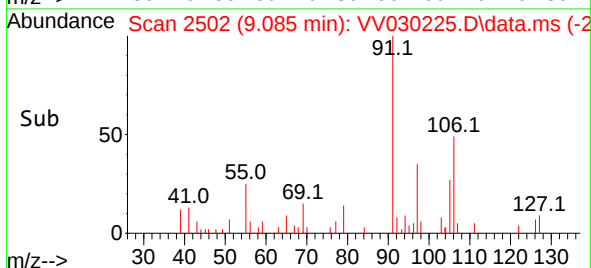
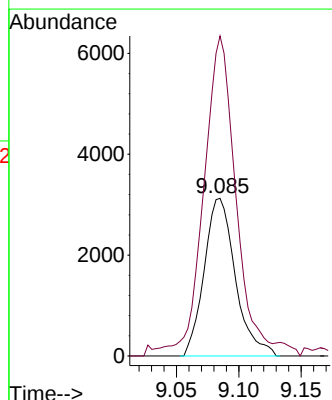
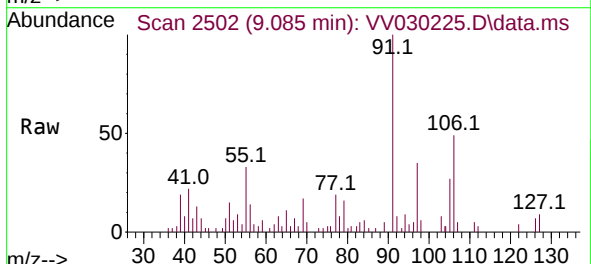
Instrument :
MSVOA_V
ClientSampleId :
CB929

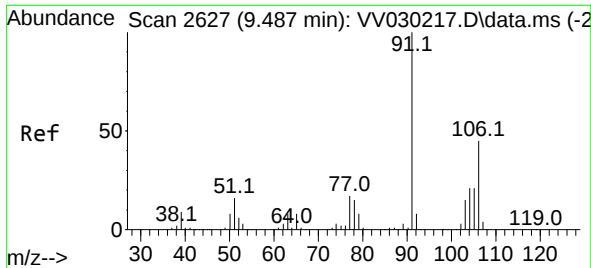
Tgt Ion: 91 Resp: 2433
Ion Ratio Lower Upper
91 100
106 24.9 22.0 40.8



#53
m,p-Xylene
Concen: 0.412 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.003 min
Lab File: VV030225.D
Acq: 16 Mar 2023 16:10

Tgt Ion: 106 Resp: 5437
Ion Ratio Lower Upper
106 100
91 203.0 142.5 264.7

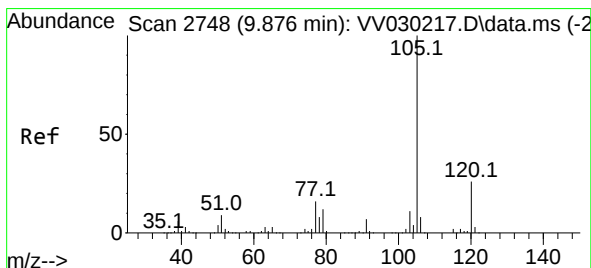
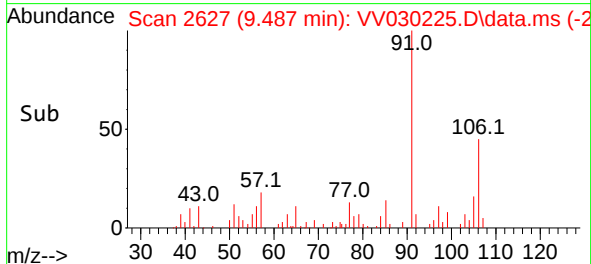
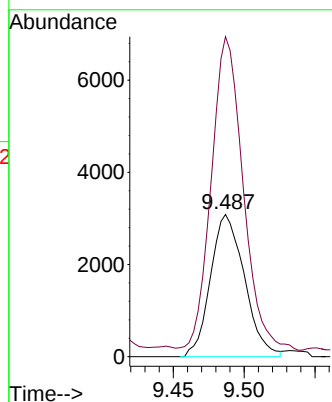
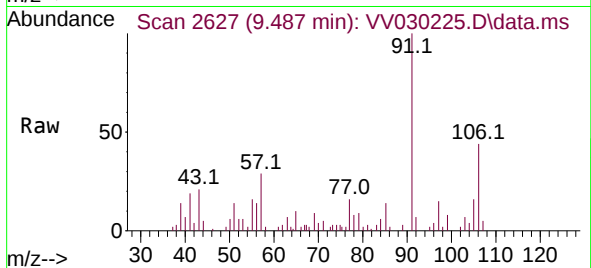




#54
o-Xylene
Concen: 0.408 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030225.D
Acq: 16 Mar 2023 16:10

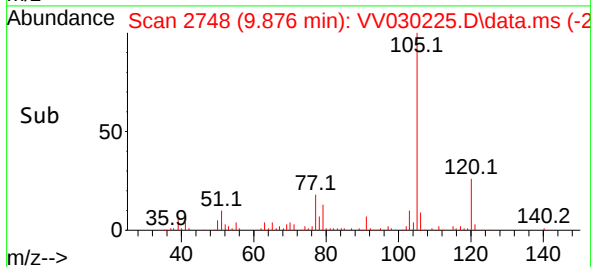
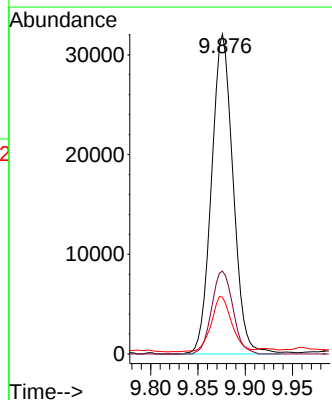
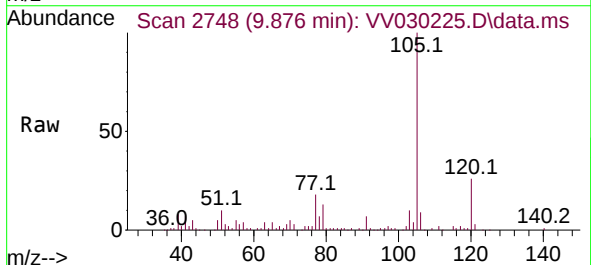
Instrument :
MSVOA_V
ClientSampleId :
CB929

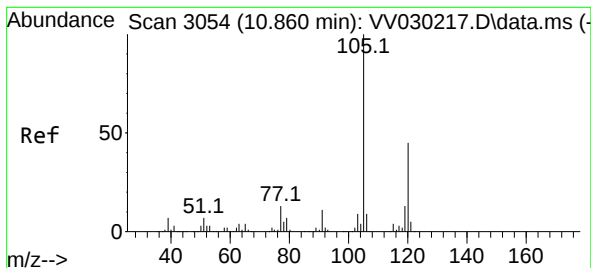
Tgt Ion:106 Resp: 5141
Ion Ratio Lower Upper
106 100
91 224.9 148.8 276.4



#60
Isopropylbenzene
Concen: 1.546 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. -0.000 min
Lab File: VV030225.D
Acq: 16 Mar 2023 16:10

Tgt Ion:105 Resp: 50960
Ion Ratio Lower Upper
105 100
120 25.5 21.4 32.0
77 0.0 12.1 18.1#





#63

1,2,4-Trimethylbenzene

Concen: 0.166 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030225.D

Acq: 16 Mar 2023 16:10

Instrument :

MSVOA_V

ClientSampleId :

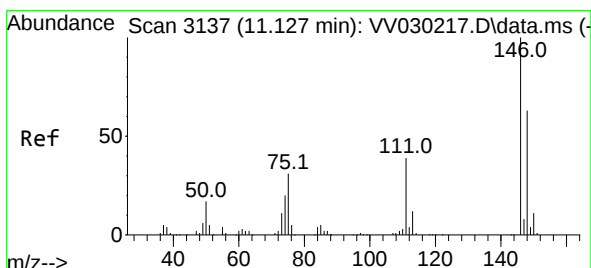
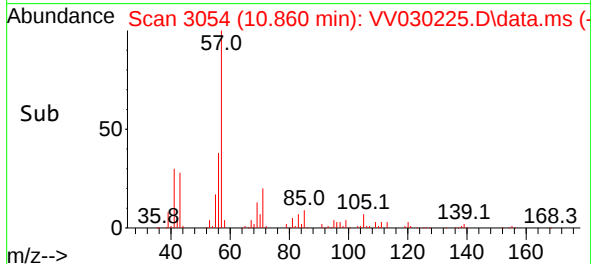
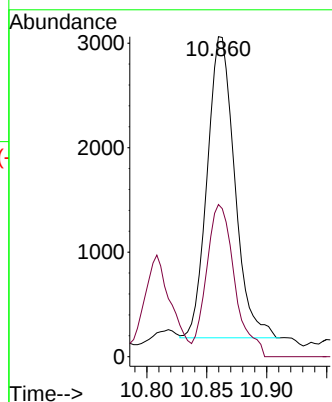
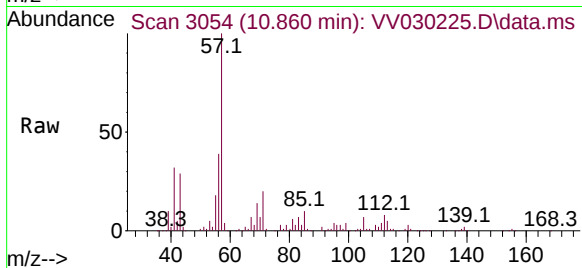
CB929

Tgt Ion:105 Resp: 4595

Ion Ratio Lower Upper

105 100

120 51.7 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 1.270 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. -0.000 min

Lab File: VV030225.D

Acq: 16 Mar 2023 16:10

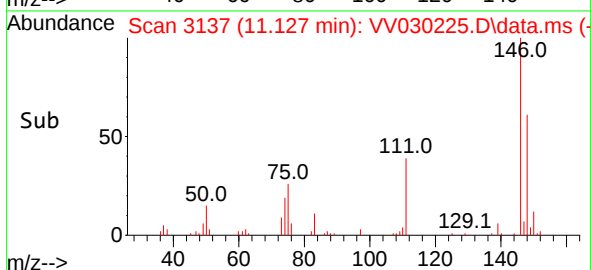
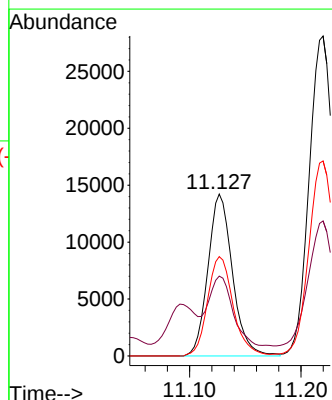
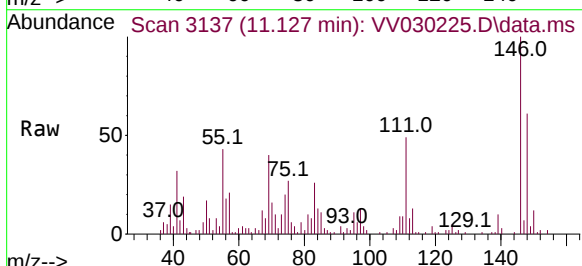
Tgt Ion:146 Resp: 21799

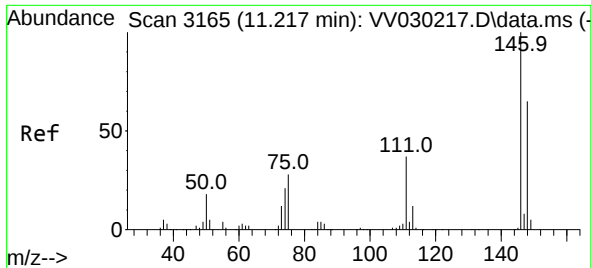
Ion Ratio Lower Upper

146 100

111 49.3 27.7 51.5

148 61.4 44.5 82.7

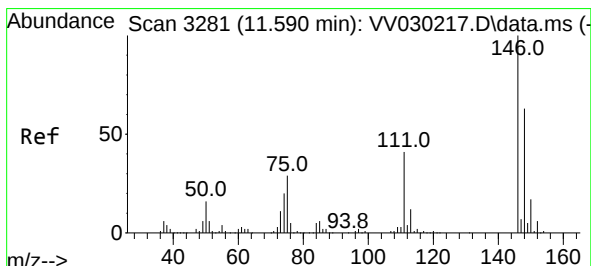
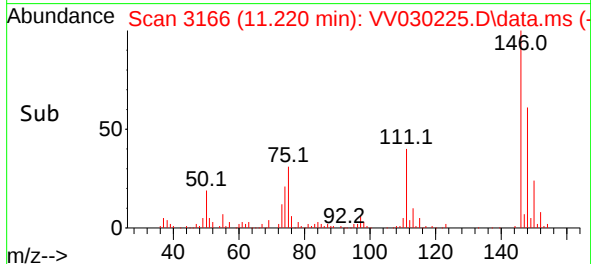
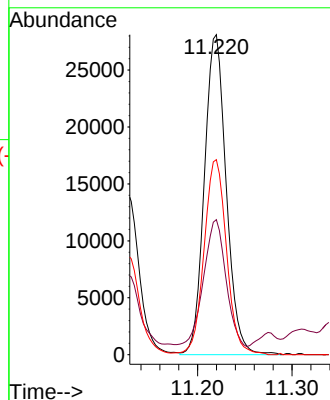
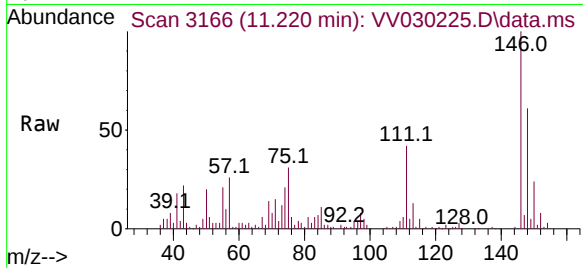




#65
1,4-Dichlorobenzene
Concen: 2.610 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030225.D
Acq: 16 Mar 2023 16:10

Instrument :
MSVOA_V
ClientSampleId :
CB929

Tgt Ion:146 Resp: 45198
Ion Ratio Lower Upper
146 100
111 42.2 27.4 51.0
148 60.9 44.1 81.9



#67
1,2-Dichlorobenzene
Concen: 0.311 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. -0.000 min
Lab File: VV030225.D
Acq: 16 Mar 2023 16:10

Tgt Ion:146 Resp: 4712
Ion Ratio Lower Upper
146 100
111 66.8 33.5 50.3#
148 63.1 51.3 76.9

