

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031523\
 Data File : VV030211.D
 Acq On : 15 Mar 2023 15:00
 Operator : SY/MD
 Sample : 01884-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB927

Quant Time: Mar 16 01:52:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 16 01:47:11 2023
 Response via : Initial Calibration

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

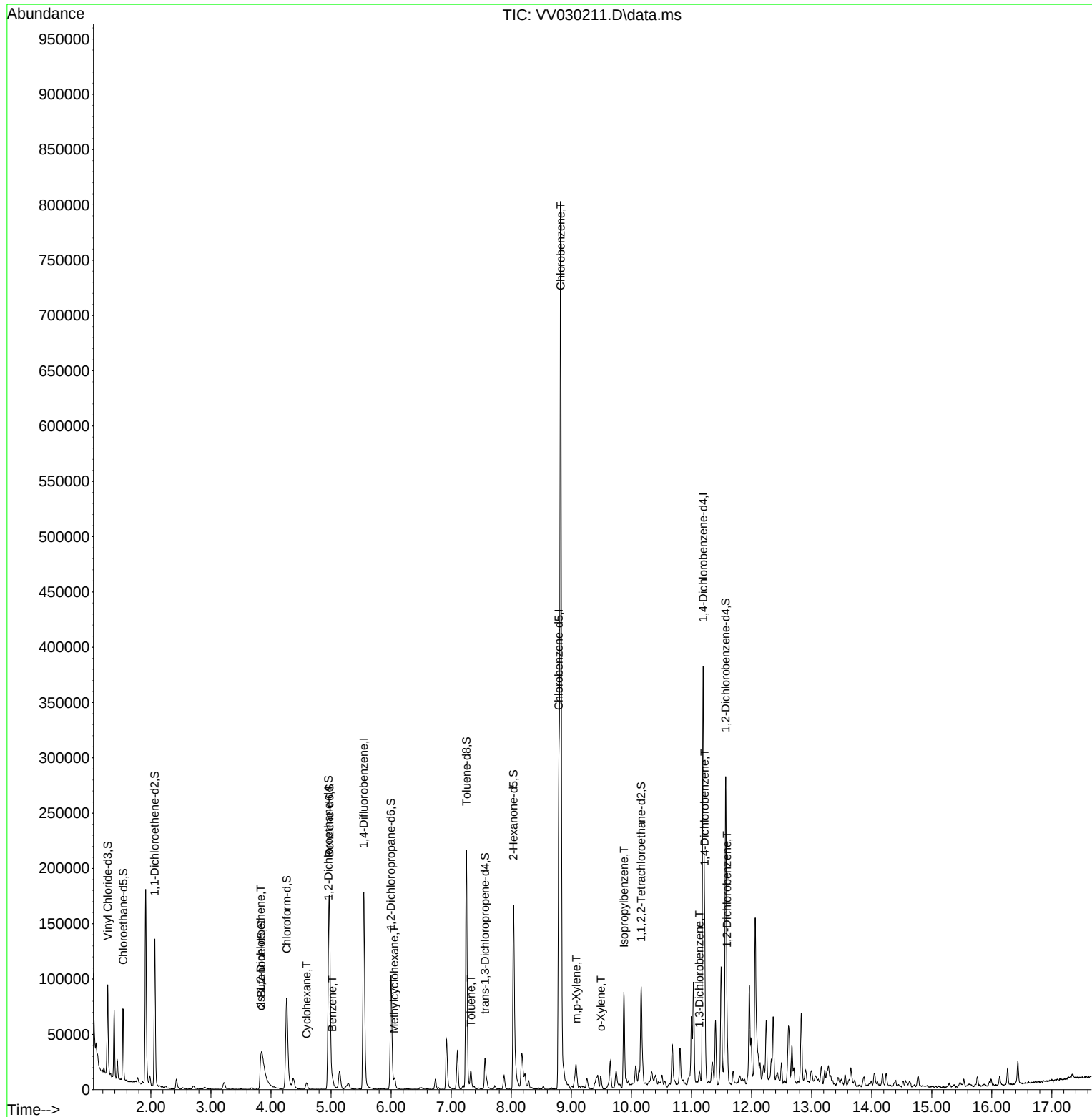
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	167386	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	165634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	103078	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	46728	4.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.539	69	42289	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.063	63	70492	3.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.838	46	73250	36.683	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.360%
24) Chloroform-d	4.262	84	93135	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.956	65	40564	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	4.973	84	169532	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	5.998	67	55013	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.252	98	153608	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	7.564	79	18863	4.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.037	63	69650	36.700	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.400%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42603	4.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	72291	4.145	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.831	96	1451	0.123	ug/L	87
30) Cyclohexane	4.593	56	2870	0.171	ug/L	95
33) Benzene	5.021	78	7112	0.157	ug/L	100
35) Methylcyclohexane	6.053	83	3519	0.183	ug/L	91
42) Toluene	7.329	91	12493	0.255	ug/L	98
51) Chlorobenzene	8.821	112	449723	13.611	ug/L	99
53) m,p-Xylene	9.085	106	2734	0.133	ug/L	100
54) o-Xylene	9.490	106	2349	0.120	ug/L	99
60) Isopropylbenzene	9.876	105	54109	0.912	ug/L	98
64) 1,3-Dichlorobenzene	11.133	146	2082	0.067	ug/L	92
65) 1,4-Dichlorobenzene	11.220	146	58390	1.874	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	5684	0.208	ug/L	94

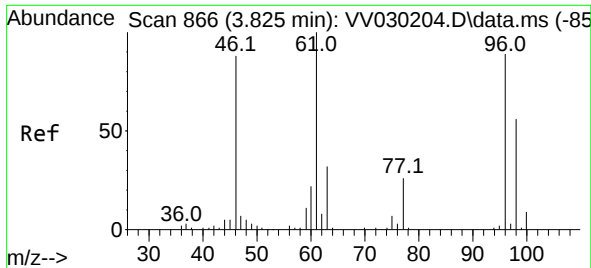
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031523\
Data File : VV030211.D
Acq On : 15 Mar 2023 15:00
Operator : SY/MD
Sample : 01884-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB927

Quant Time: Mar 16 01:52:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 16 01:47:11 2023
Response via : Initial Calibration

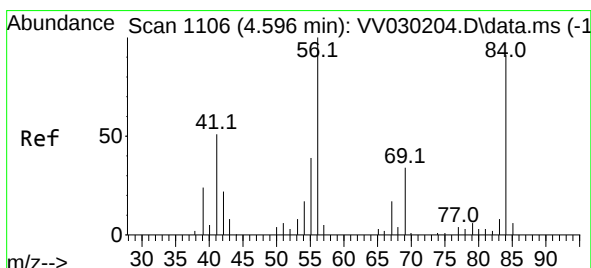
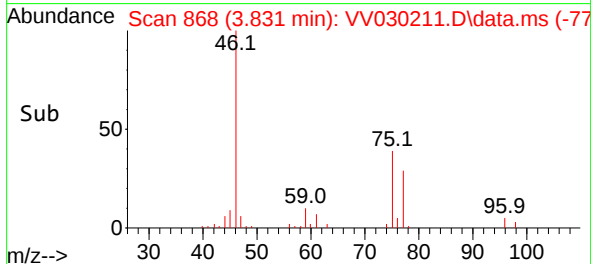
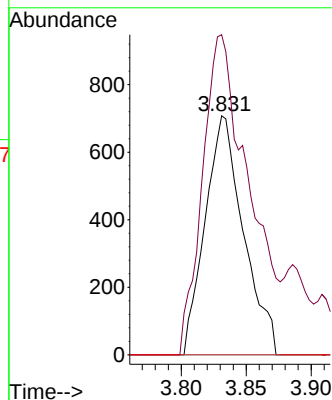
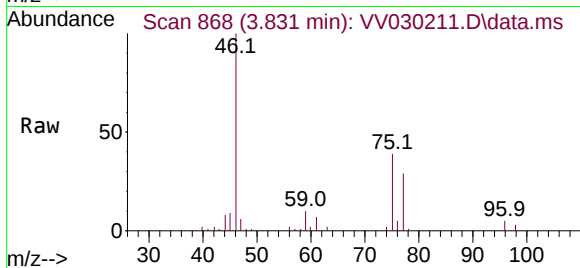




#22
 cis-1,2-Dichloroethene
 Concen: 0.123 ug/L
 RT: 3.831 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VV030211.D
 Acq: 15 Mar 2023 15:00

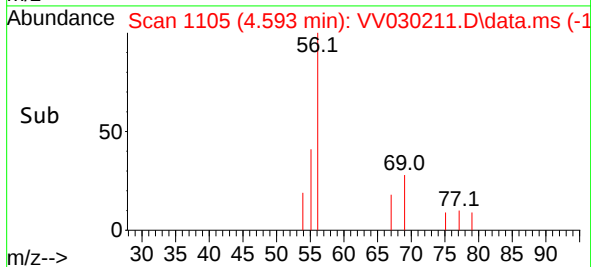
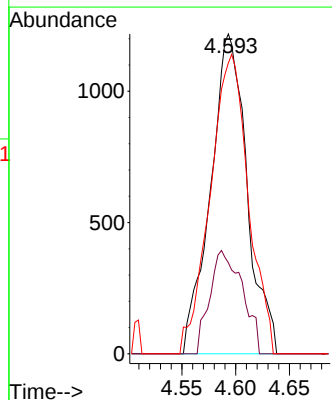
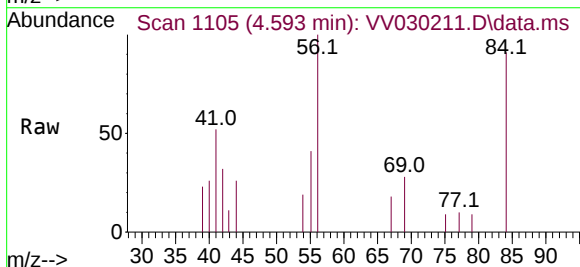
Instrument :
 MSVOA_V
 ClientSampleId :
 CB927

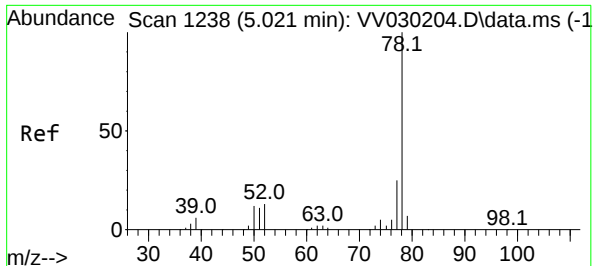
Tgt Ion: 96 Resp: 1451
 Ion Ratio Lower Upper
 96 100
 61 133.9 83.4 154.8
 68 0.0 0.0 0.0



#30
 Cyclohexane
 Concen: 0.171 ug/L
 RT: 4.593 min Scan# 1105
 Delta R.T. -0.003 min
 Lab File: VV030211.D
 Acq: 15 Mar 2023 15:00

Tgt Ion: 56 Resp: 2870
 Ion Ratio Lower Upper
 56 100
 69 28.9 25.1 37.7
 84 97.8 74.6 111.8

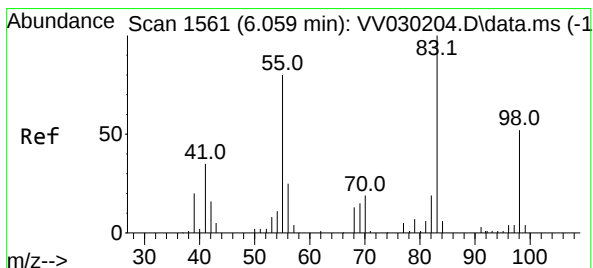
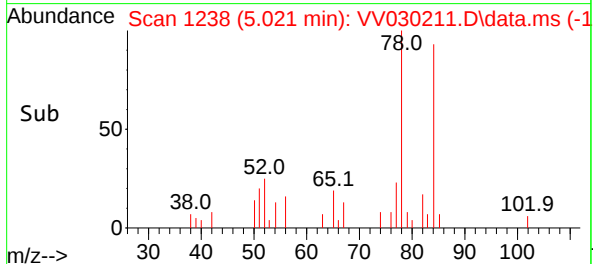
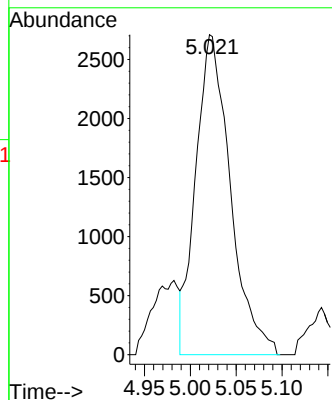
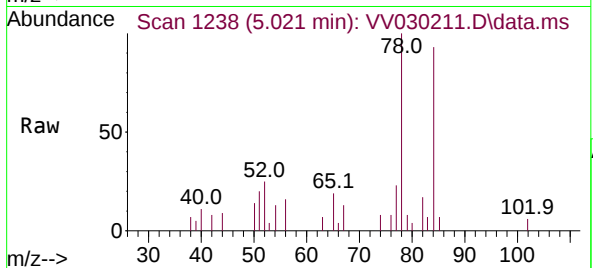




#33
Benzene
Concen: 0.157 ug/L
RT: 5.021 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030211.D
Acq: 15 Mar 2023 15:00

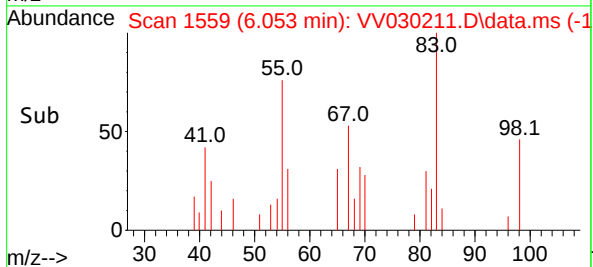
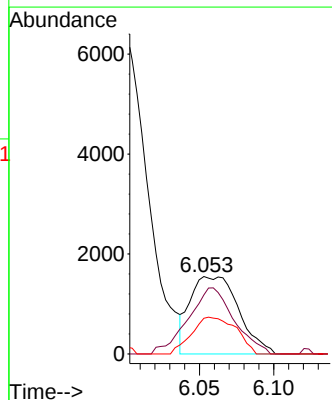
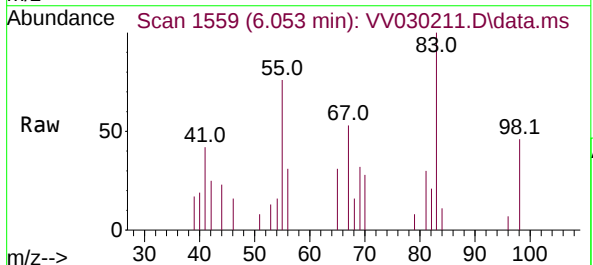
Instrument :
MSVOA_V
ClientSampleId :
CB927

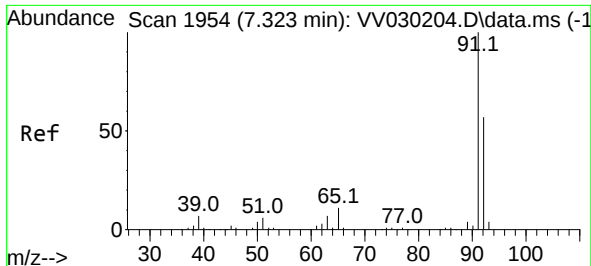
Tgt Ion: 78 Resp: 7112



#35
Methylcyclohexane
Concen: 0.183 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.007 min
Lab File: VV030211.D
Acq: 15 Mar 2023 15:00

Tgt Ion: 83 Resp: 3519
Ion Ratio Lower Upper
83 100
55 80.6 57.6 86.4
98 43.4 38.8 58.2





#42

Toluene

Concen: 0.255 ug/L

RT: 7.329 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV030211.D

Acq: 15 Mar 2023 15:00

Instrument :

MSVOA_V

ClientSampleId :

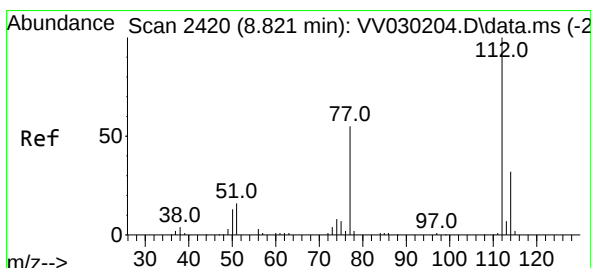
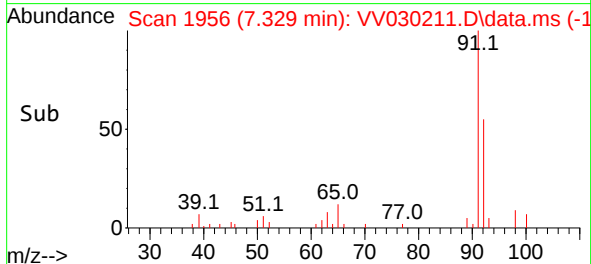
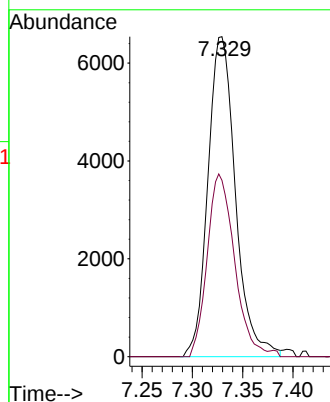
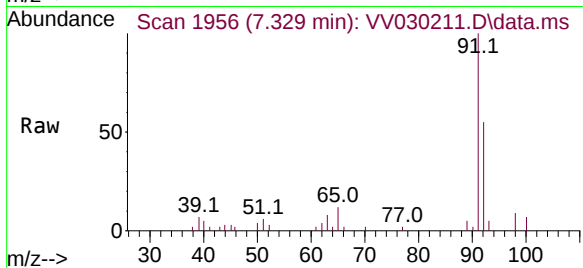
CB927

Tgt Ion: 91 Resp: 12493

Ion Ratio Lower Upper

91 100

92 55.1 39.6 73.6



#51

Chlorobenzene

Concen: 13.611 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030211.D

Acq: 15 Mar 2023 15:00

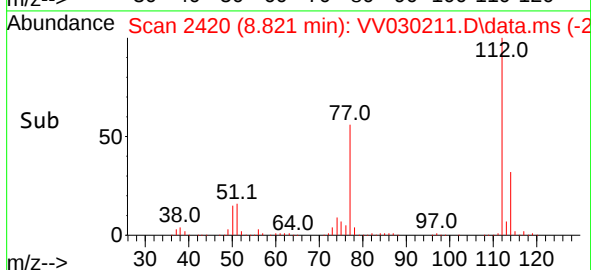
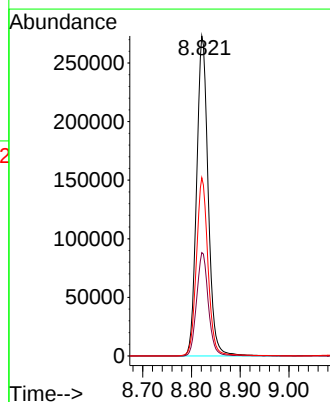
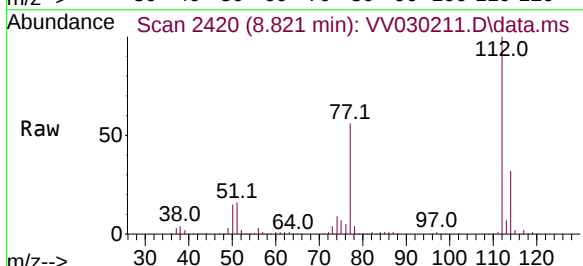
Tgt Ion: 112 Resp: 449723

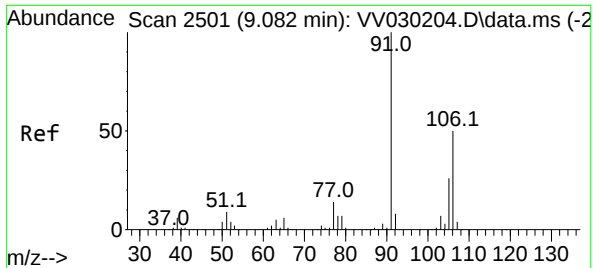
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 55.7 45.3 67.9

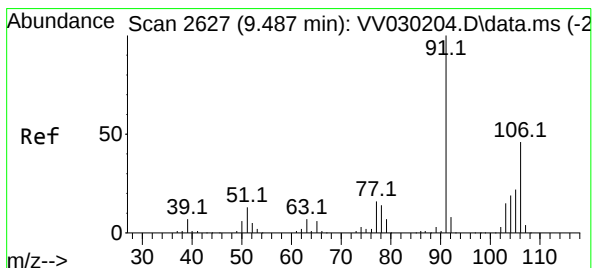
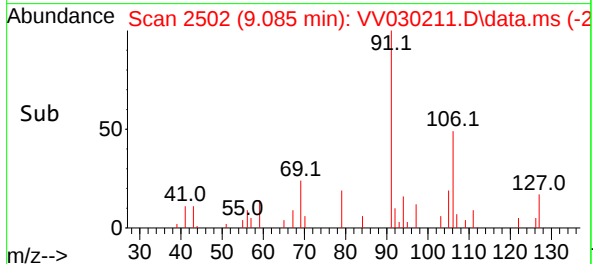
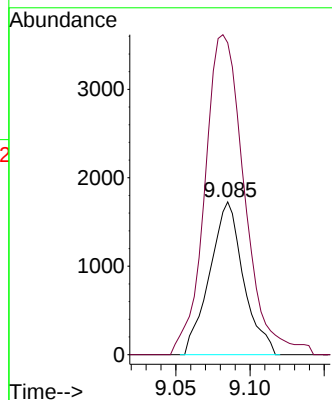
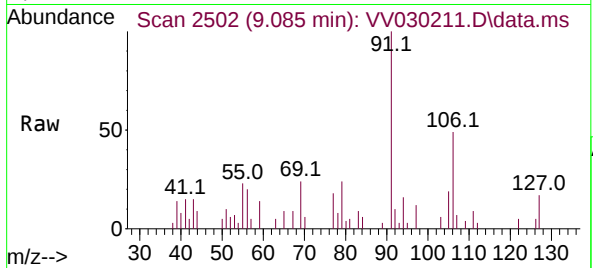




#53
m,p-Xylene
Concen: 0.133 ug/L
RT: 9.085 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030211.D
Acq: 15 Mar 2023 15:00

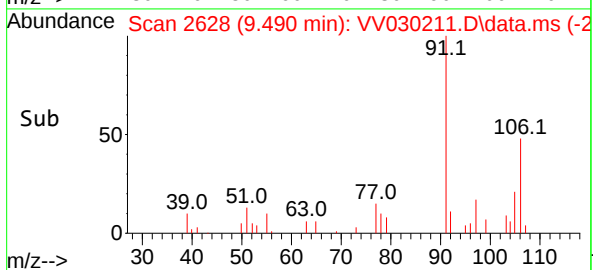
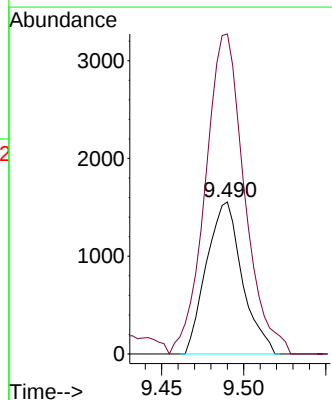
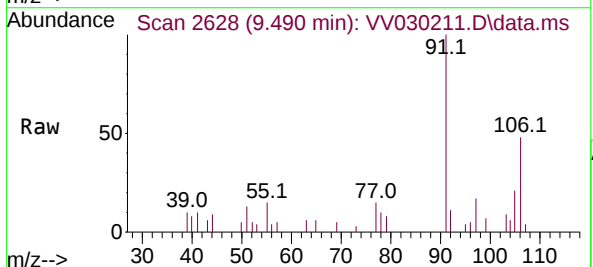
Instrument :
MSVOA_V
ClientSampleId :
CB927

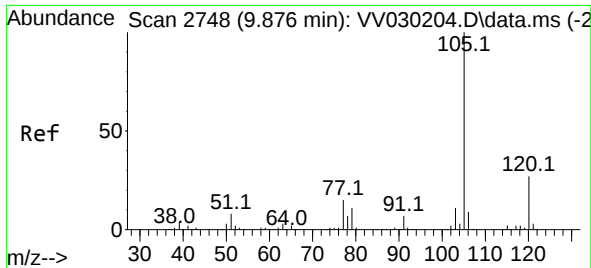
Tgt Ion:106 Resp: 2734
Ion Ratio Lower Upper
106 100
91 204.1 142.5 264.7



#54
o-Xylene
Concen: 0.120 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV030211.D
Acq: 15 Mar 2023 15:00

Tgt Ion:106 Resp: 2349
Ion Ratio Lower Upper
106 100
91 210.4 148.8 276.4

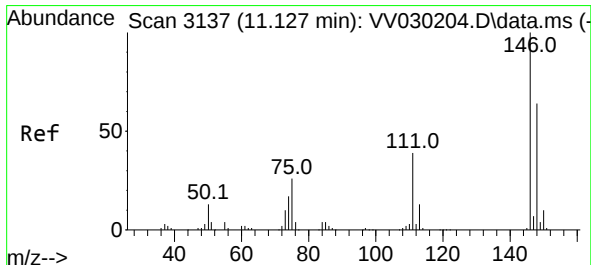
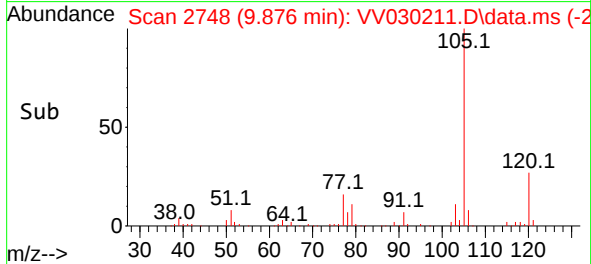
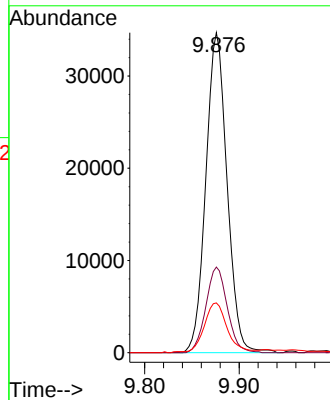
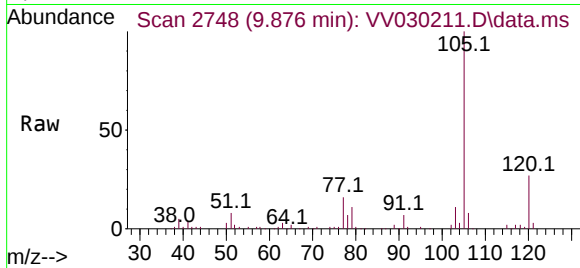




#60
Isopropylbenzene
Concen: 0.912 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030211.D
Acq: 15 Mar 2023 15:00

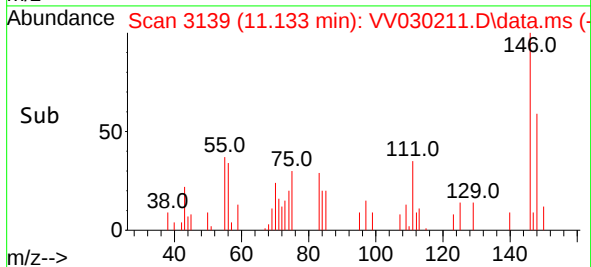
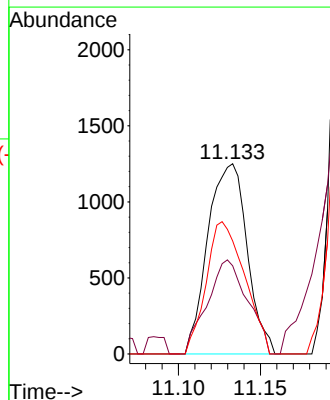
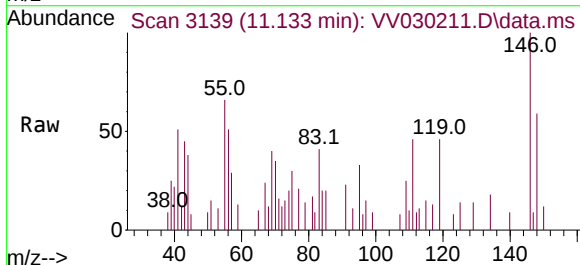
Instrument :
MSVOA_V
ClientSampleId :
CB927

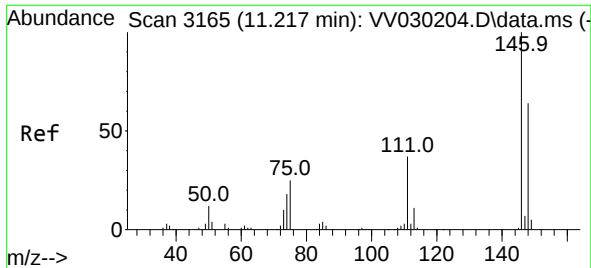
Tgt Ion:105 Resp: 54109
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 17.0 12.1 18.1



#64
1,3-Dichlorobenzene
Concen: 0.067 ug/L
RT: 11.133 min Scan# 3139
Delta R.T. 0.006 min
Lab File: VV030211.D
Acq: 15 Mar 2023 15:00

Tgt Ion:146 Resp: 2082
Ion Ratio Lower Upper
146 100
111 46.4 27.7 51.5
148 59.4 44.5 82.7

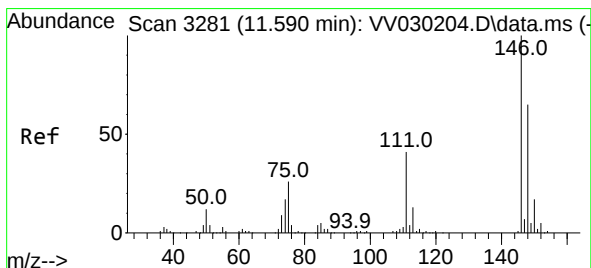
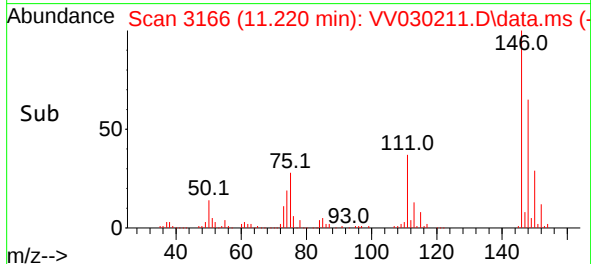
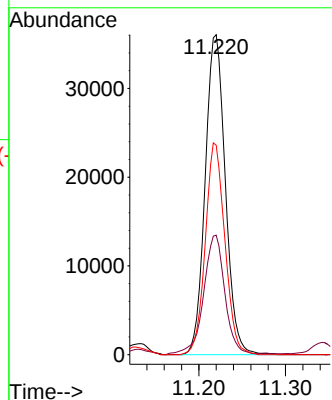
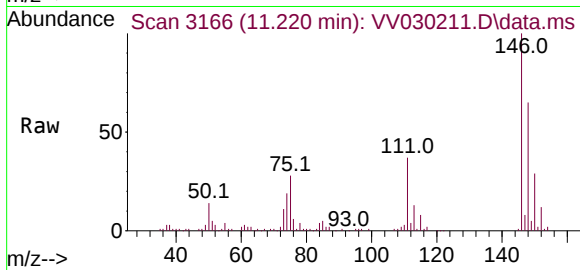




#65
1,4-Dichlorobenzene
Concen: 1.874 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030211.D
Acq: 15 Mar 2023 15:00

Instrument :
MSVOA_V
ClientSampleId :
CB927

Tgt Ion:146 Resp: 58390
Ion Ratio Lower Upper
146 100
111 37.4 27.4 51.0
148 65.5 44.1 81.9



#67
1,2-Dichlorobenzene
Concen: 0.208 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. -0.000 min
Lab File: VV030211.D
Acq: 15 Mar 2023 15:00

Tgt Ion:146 Resp: 5684
Ion Ratio Lower Upper
146 100
111 43.7 33.5 50.3
148 70.7 51.3 76.9

