

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024639.D
 Acq On : 12 Feb 2022 05:58
 Operator : SY/MD
 Sample : N1480-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCX9

Quant Time: Feb 12 07:12:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 07:08:39 2022
 Response via : Initial Calibration

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

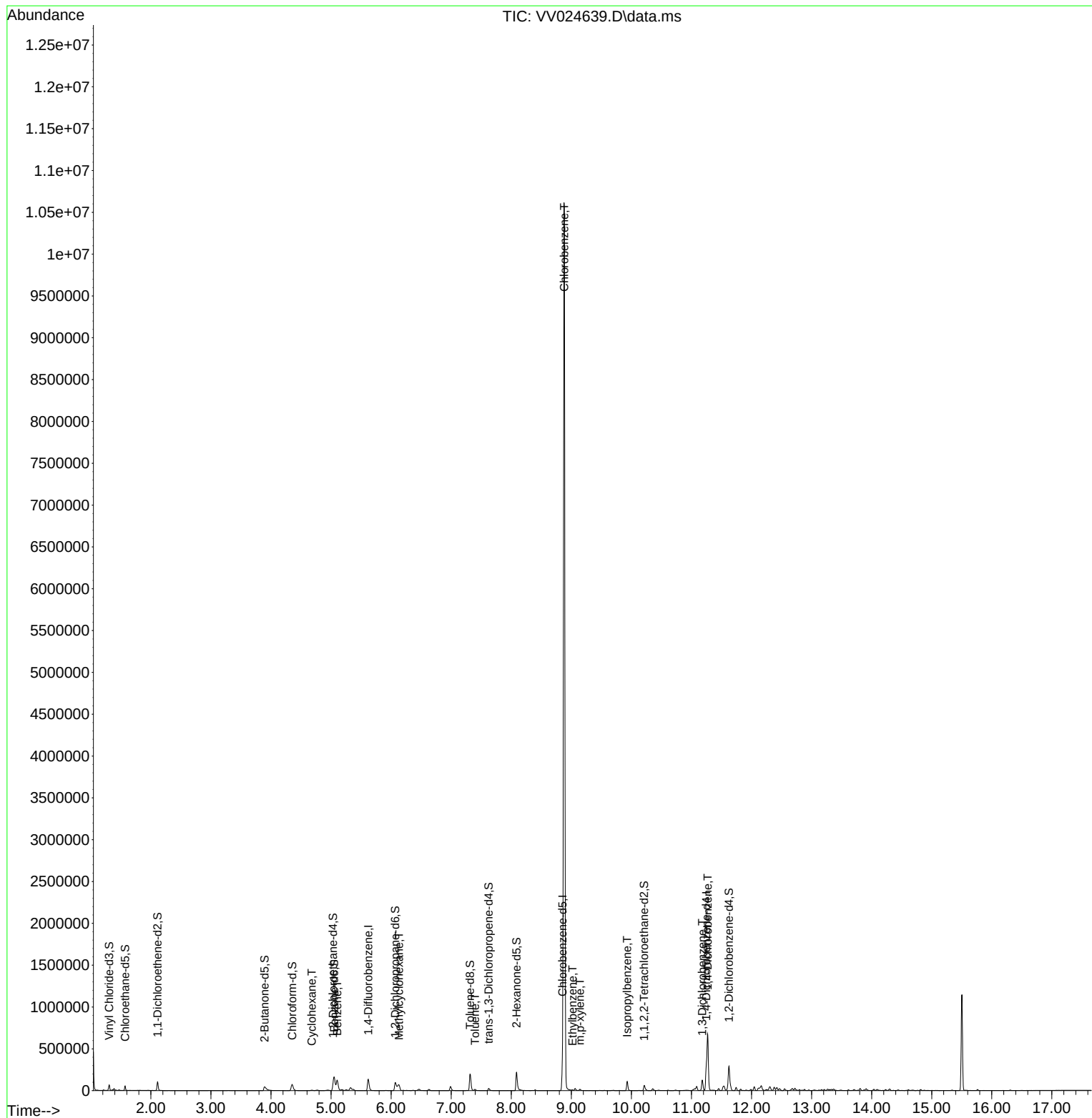
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119815	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34551	3.566	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.400%	
7) Chloroethane-d5	1.571	69	33188	4.052	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.111	63	55264	2.608	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.200%#	
20) 2-Butanone-d5	3.892	46	89917	55.906	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.820%	
24) Chloroform-d	4.352	84	75695	4.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	5.034	65	37328	4.824	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.053	84	149163	4.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.069	67	51198	4.842	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.317	98	131383	4.144	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16310	3.820	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.400%	
46) 2-Hexanone-d5	8.088	63	77303	51.387	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31104	4.941	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46839	4.716	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
					Qvalue	
30) Cyclohexane	4.680	56	2841	0.140	ug/L #	92
33) Benzene	5.101	78	128912	2.757	ug/L	100
35) Methylcyclohexane	6.130	83	30709	1.442	ug/L #	80
42) Toluene	7.397	91	11871	0.233	ug/L	98
51) Chlorobenzene	8.883	112	5237727	167.776	ug/L	93
52) Ethylbenzene	9.021	91	5445	0.096	ug/L	91
53) m,p-xylene	9.143	106	4141	0.193	ug/L	91
60) Isopropylbenzene	9.931	105	70227	1.257	ug/L #	85
64) 1,3-Dichlorobenzene	11.181	146	46612	2.049	ug/L	94
65) 1,4-Dichlorobenzene	11.271	146	239882	10.617	ug/L	96

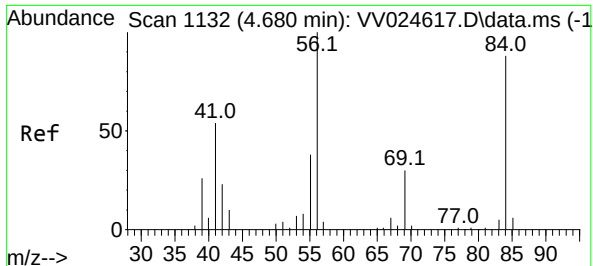
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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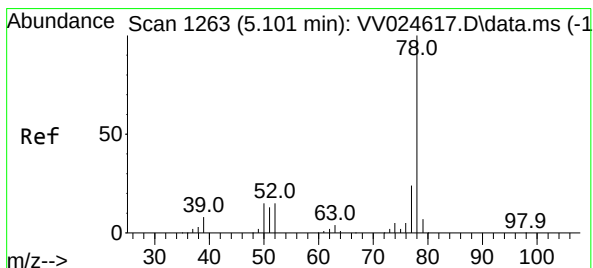
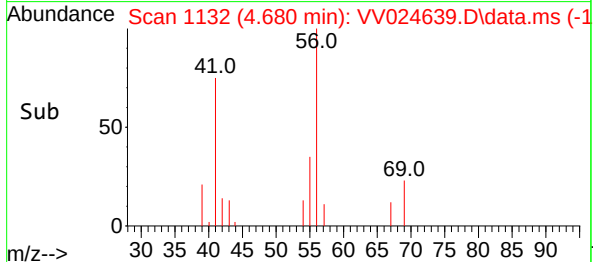
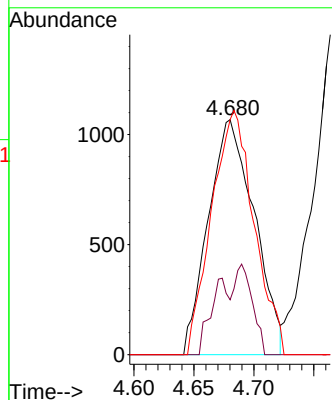
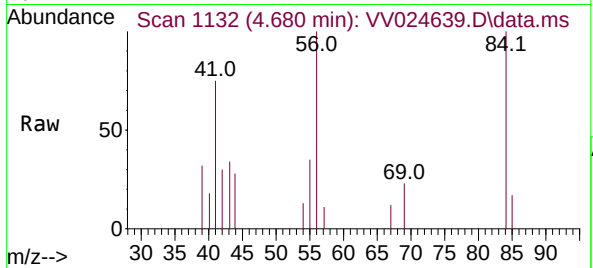




#30
Cyclohexane
Concen: 0.140 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VV024639.D
Acq: 12 Feb 2022 05:58

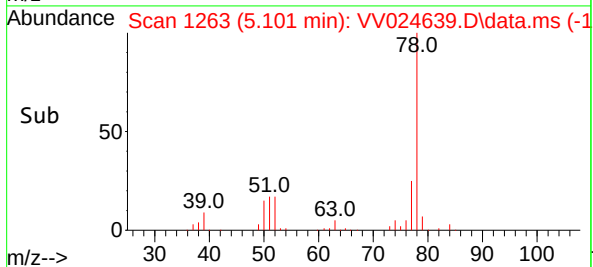
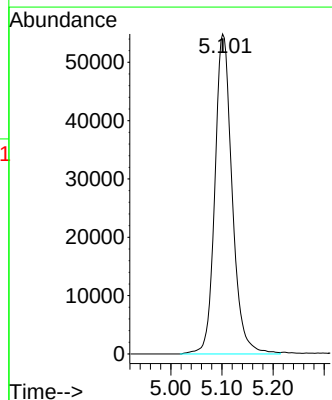
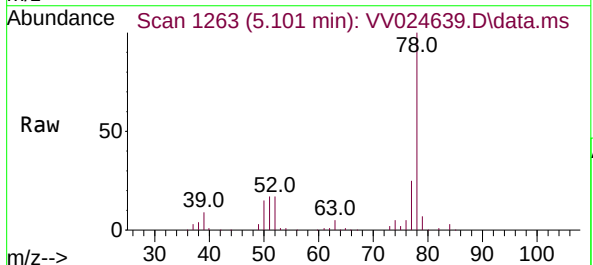
Instrument :
MSVOA_V
ClientSampleId :
GBCX9

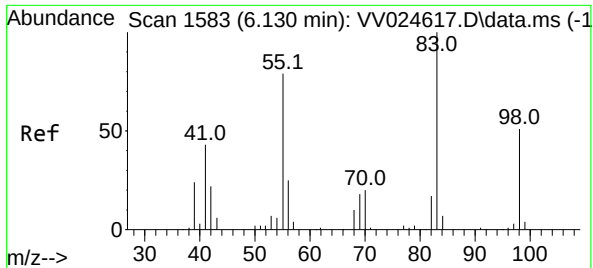
Tgt Ion: 56 Resp: 2841
Ion Ratio Lower Upper
56 100
69 15.3 24.8 37.2#
84 96.1 75.9 113.9



#33
Benzene
Concen: 2.757 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV024639.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 78 Resp: 128912

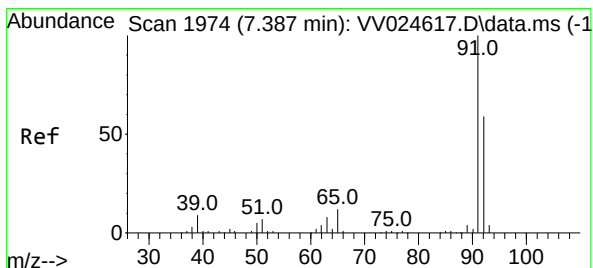
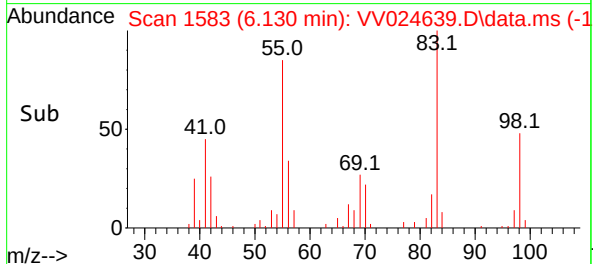
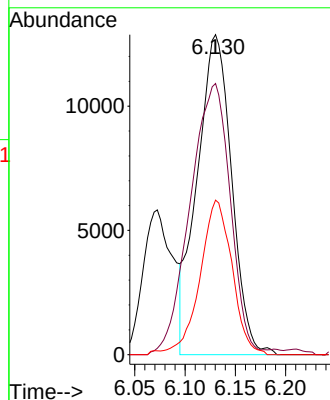
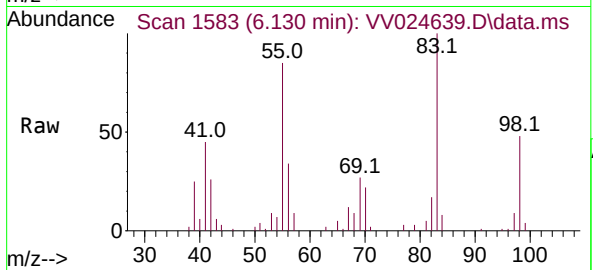




#35
Methylcyclohexane
Concen: 1.442 ug/L
RT: 6.130 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024639.D
Acq: 12 Feb 2022 05:58

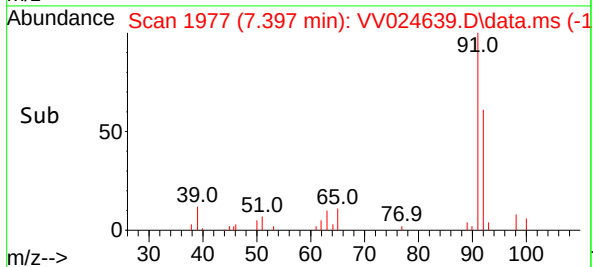
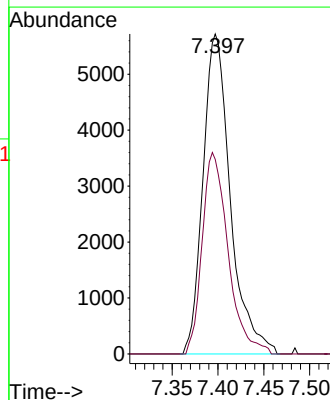
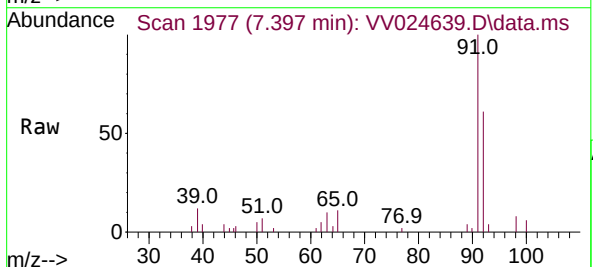
Instrument :
MSVOA_V
ClientSampleId :
GBCX9

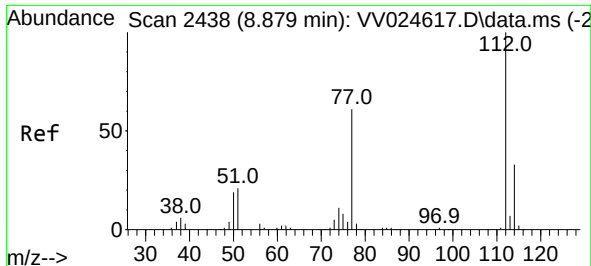
Tgt Ion: 83 Resp: 30709
Ion Ratio Lower Upper
83 100
55 98.6 60.2 90.2#
98 45.1 41.0 61.4



#42
Toluene
Concen: 0.233 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV024639.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 91 Resp: 11871
Ion Ratio Lower Upper
91 100
92 60.8 41.5 77.1

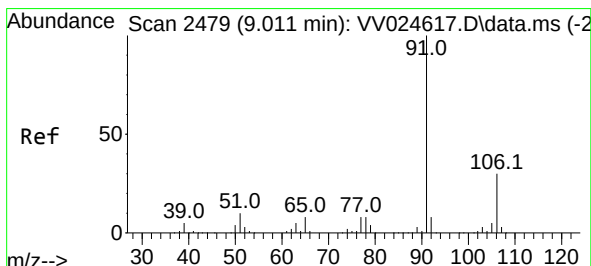
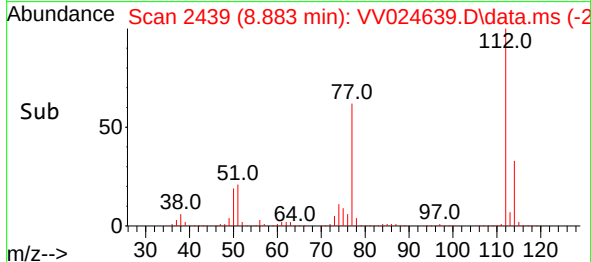
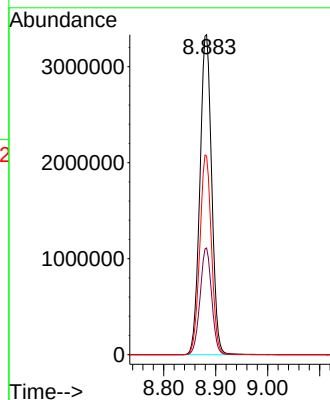
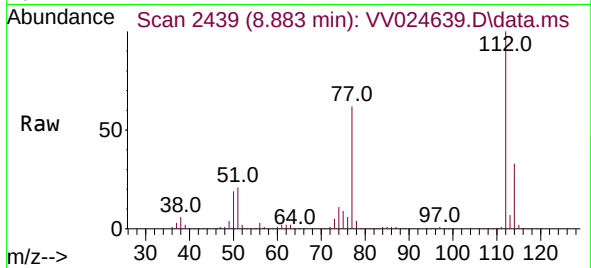




#51
Chlorobenzene
Concen: 167.776 ug/L
RT: 8.883 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV024639.D
Acq: 12 Feb 2022 05:58

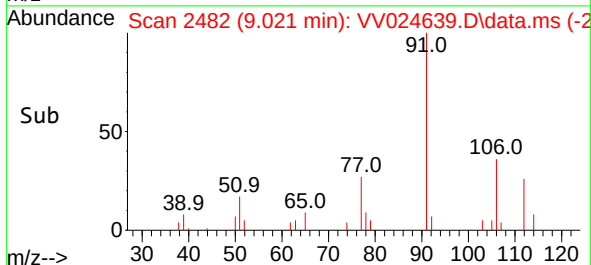
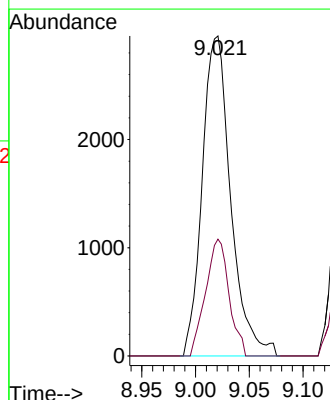
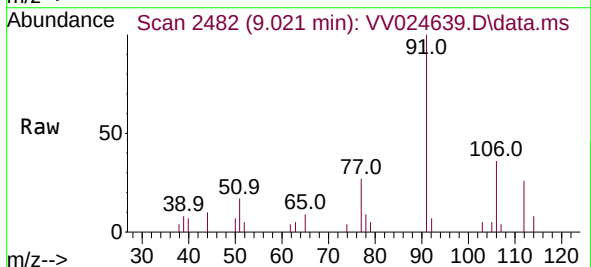
Instrument :
MSVOA_V
ClientSampleId :
GBCX9

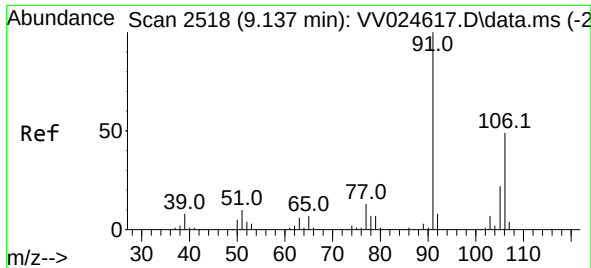
Tgt Ion:112 Resp: 5237727
Ion Ratio Lower Upper
112 100
114 33.3 23.3 43.3
77 62.0 43.3 64.9



#52
Ethylbenzene
Concen: 0.096 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV024639.D
Acq: 12 Feb 2022 05:58

Tgt Ion: 91 Resp: 5445
Ion Ratio Lower Upper
91 100
106 36.5 22.0 41.0

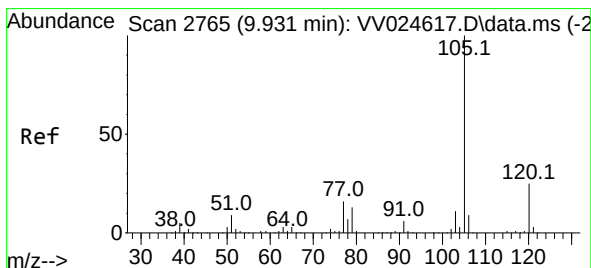
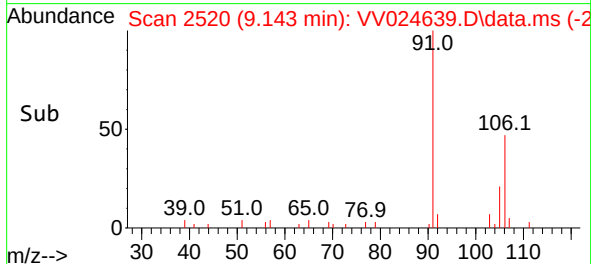
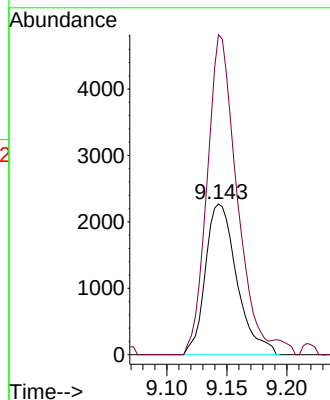
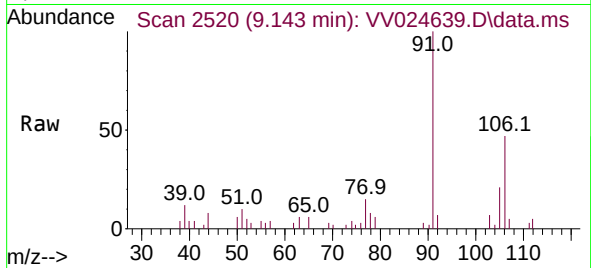




#53
m,p-xylene
Concen: 0.193 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV024639.D
Acq: 12 Feb 2022 05:58

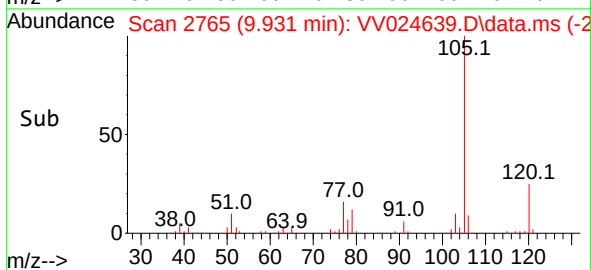
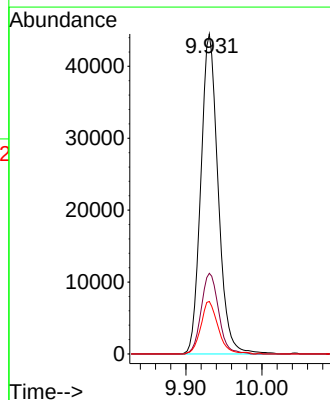
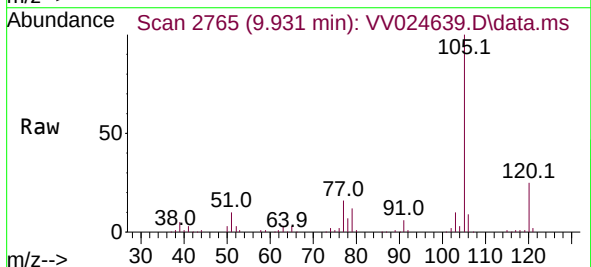
Instrument :
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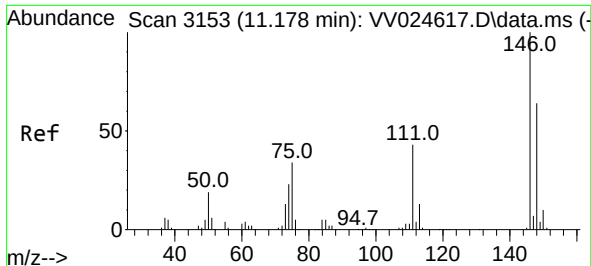
Tgt Ion:106 Resp: 4141
Ion Ratio Lower Upper
106 100
91 212.4 139.5 259.1



#60
Isopropylbenzene
Concen: 1.257 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024639.D
Acq: 12 Feb 2022 05:58

Tgt Ion:105 Resp: 70227
Ion Ratio Lower Upper
105 100
120 25.5 21.4 32.0
77 0.0 12.2 18.4#

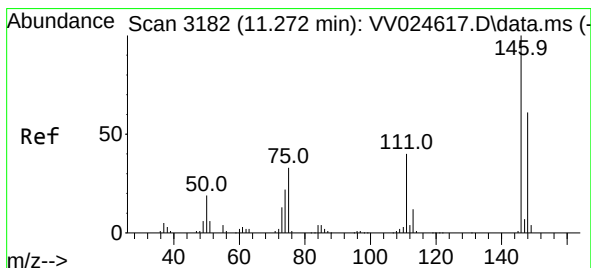
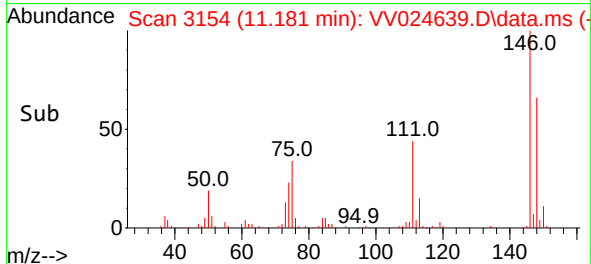
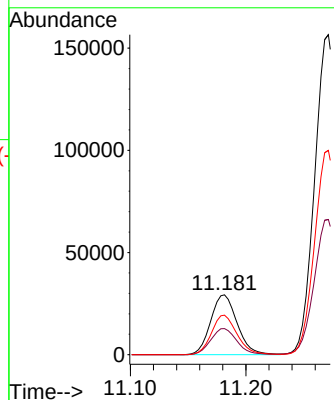
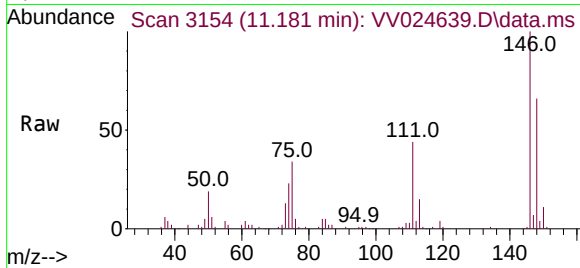




#64
1,3-Dichlorobenzene
Concen: 2.049 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV024639.D
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Tgt Ion:146 Resp: 46612
Ion Ratio Lower Upper
146 100
111 43.7 26.3 48.9
148 66.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 10.617 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024639.D
Acq: 12 Feb 2022 05:58

Tgt Ion:146 Resp: 239882
Ion Ratio Lower Upper
146 100
111 42.3 25.6 47.6
148 63.9 44.8 83.2

