

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027161.D
 Acq On : 02 Aug 2022 09:50
 Operator : SY/MD
 Sample : N3956-03 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF02DL

Quant Time: Aug 03 01:15:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 04:33:39 2022
 Response via : Initial Calibration

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

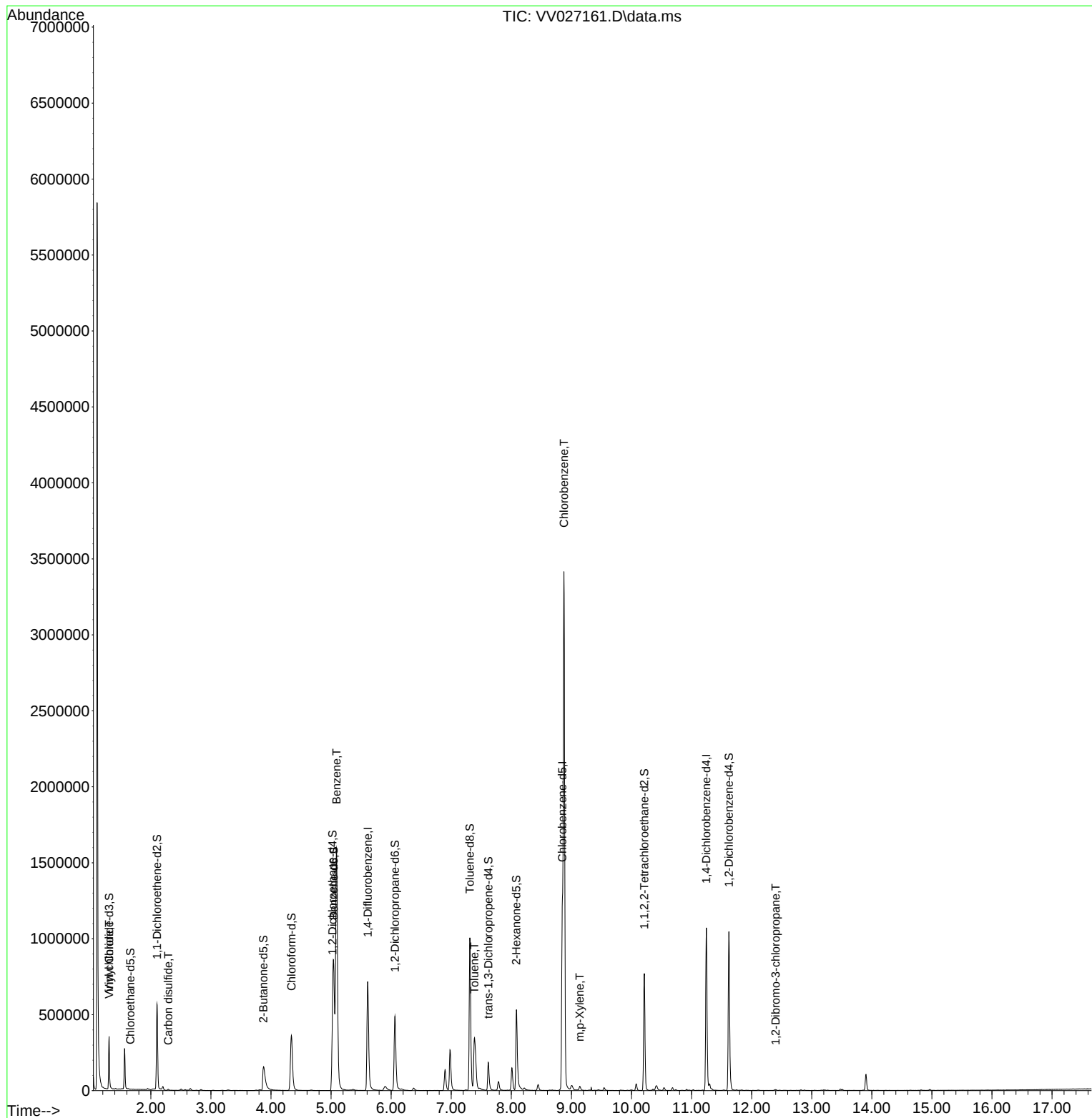
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	653944	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	648159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	291035	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	231426	54.606	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	109.220%	
7) Chloroethane-d5	1.658	69	169	0.053	ug/L	0.10
Spiked Amount 50.000	Range 70	- 130	Recovery	=	0.100%#	
11) 1,1-Dichloroethene-d2	2.101	63	299587	37.122	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	74.240%	
21) 2-Butanone-d5	3.873	46	241434	86.527	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	86.530%	
24) Chloroform-d	4.339	84	400743	46.779	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.560%	
26) 1,2-Dichloroethane-d4	5.024	65	239162	49.206	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.420%	
32) Benzene-d6	5.043	84	812957	47.399	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.063	67	258701	48.760	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	97.520%	
41) Toluene-d8	7.310	98	700892	45.329	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.660%	
43) trans-1,3-Dichloroprop...	7.619	79	112533	48.327	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.660%	
47) 2-Hexanone-d5	8.085	63	199738	97.513	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	97.510%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	366574	46.221	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	92.440%	
66) 1,2-Dichlorobenzene-d4	11.622	152	276222	54.004	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	108.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	8766	1.419	ug/L #	50
14) Carbon disulfide	2.288	76	9085	0.673	ug/L	100
33) Benzene	5.092	78	1718652	86.454	ug/L	100
42) Toluene	7.384	91	252334	12.304	ug/L	100
51) Chlorobenzene	8.876	112	1904137	134.169	ug/L	99
53) m,p-Xylene	9.140	106	7862	0.954	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.400	75	1161	0.718	ug/L #	1

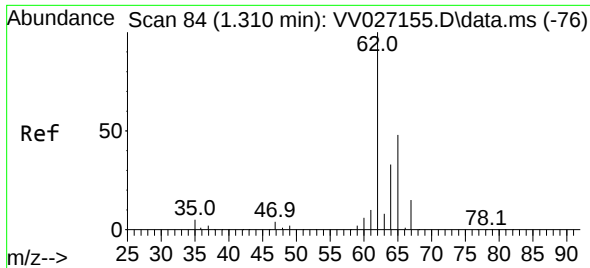
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 02 04:33:39 2022
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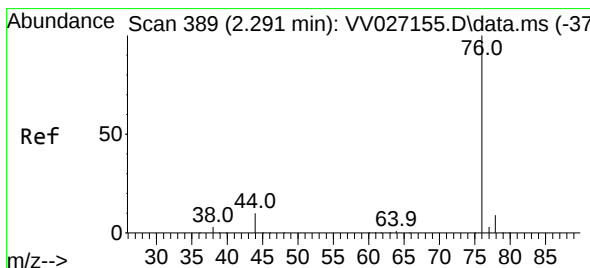
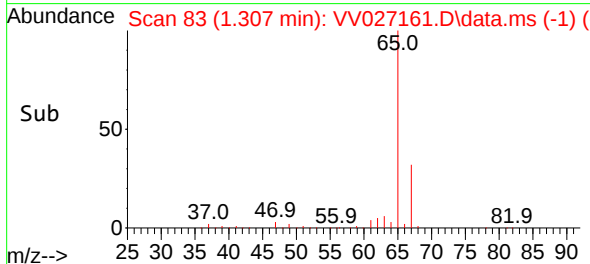
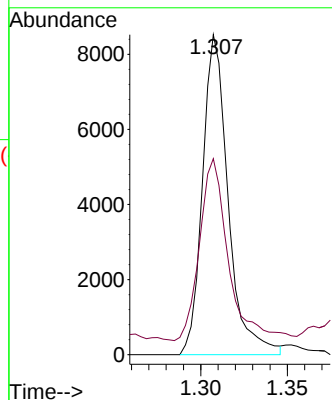
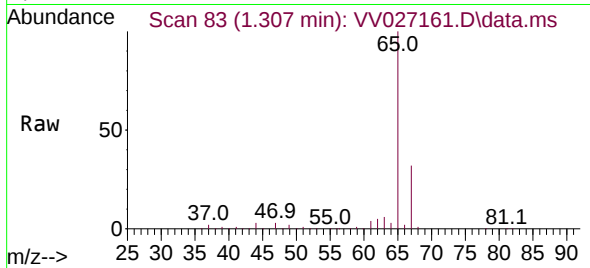




#5
 Vinyl chloride
 Concen: 1.419 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027161.D
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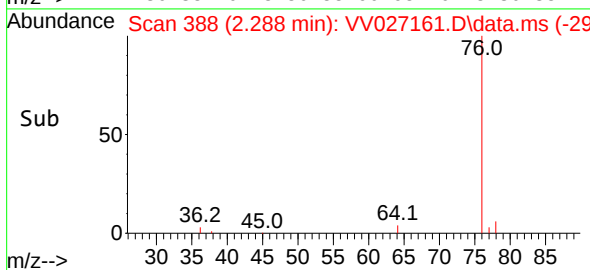
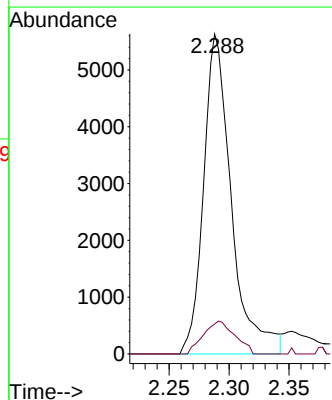
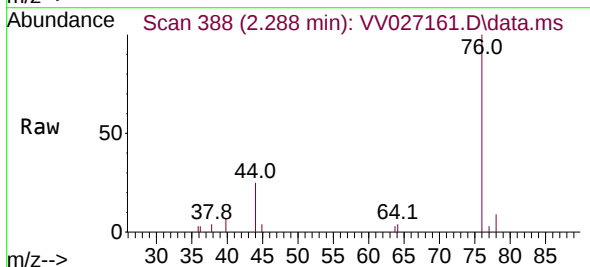
Instrument :
 MSVOA_V
 ClientSampleId :
 EXF02DL

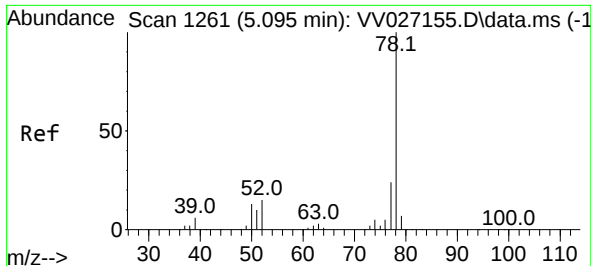
Tgt Ion: 62 Resp: 8766
 Ion Ratio Lower Upper
 62 100
 64 61.3 23.1 42.9#



#14
 Carbon disulfide
 Concen: 0.673 ug/L
 RT: 2.288 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VV027161.D
 Acq: 02 Aug 2022 09:50

Tgt Ion: 76 Resp: 9085
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.5 11.3

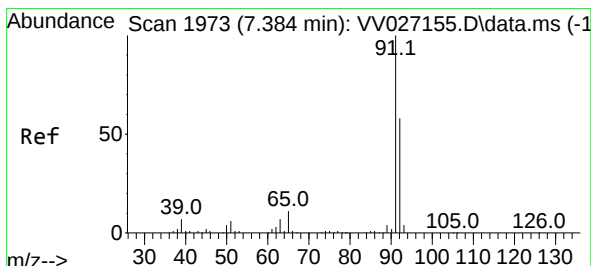
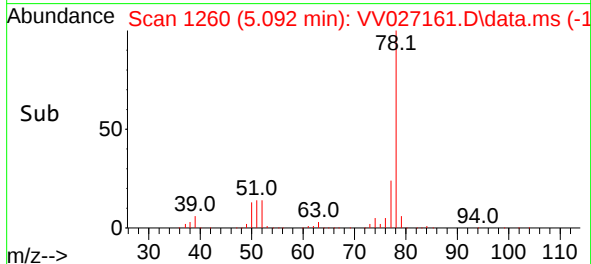
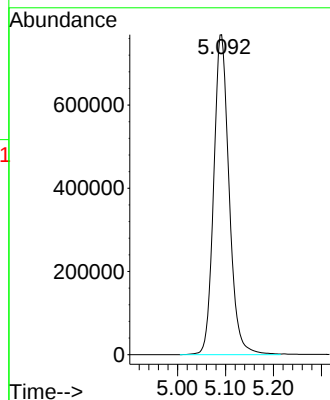
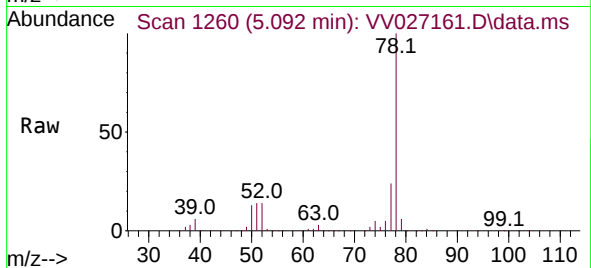




#33
Benzene
Concen: 86.454 ug/L
RT: 5.092 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV027161.D
Acq: 02 Aug 2022 09:50

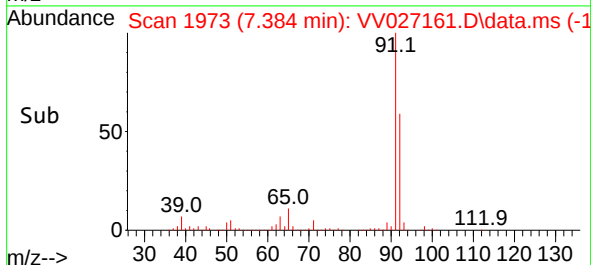
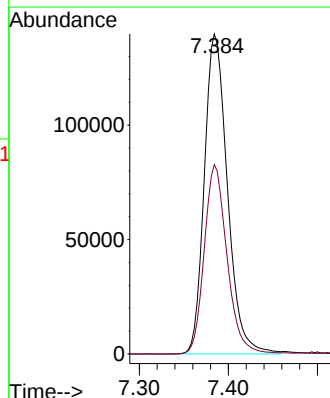
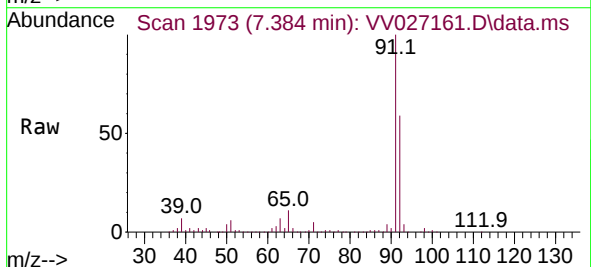
Instrument :
MSVOA_V
ClientSampleId :
EXF02DL

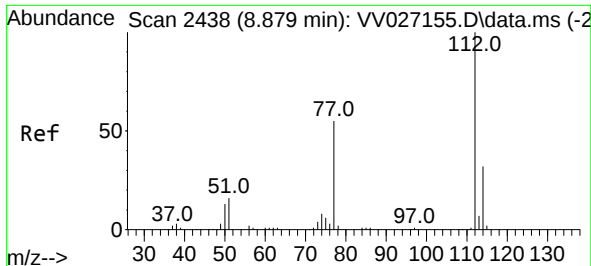
Tgt Ion: 78 Resp: 1718652



#42
Toluene
Concen: 12.304 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027161.D
Acq: 02 Aug 2022 09:50

Tgt Ion: 91 Resp: 252334
Ion Ratio Lower Upper
91 100
92 59.2 41.6 77.3

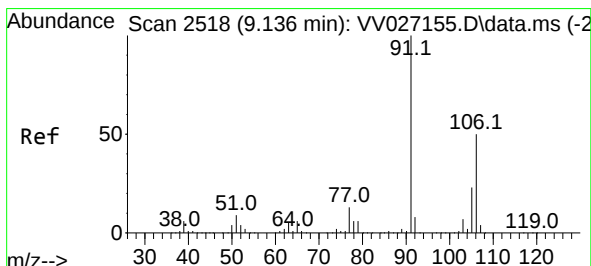
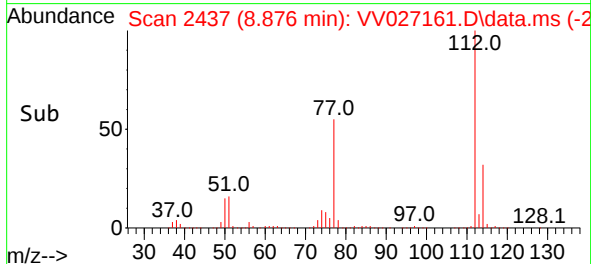
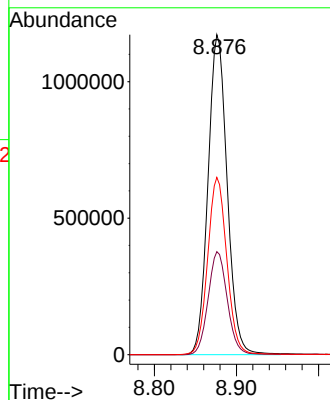
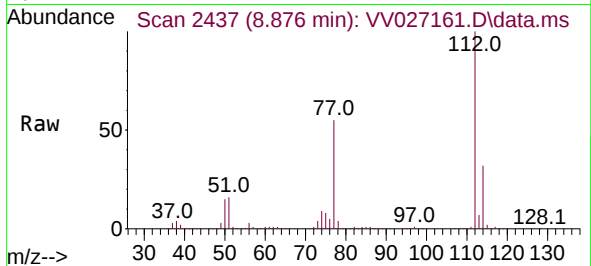




#51
Chlorobenzene
Concen: 134.169 ug/L
RT: 8.876 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV027161.D
Acq: 02 Aug 2022 09:50

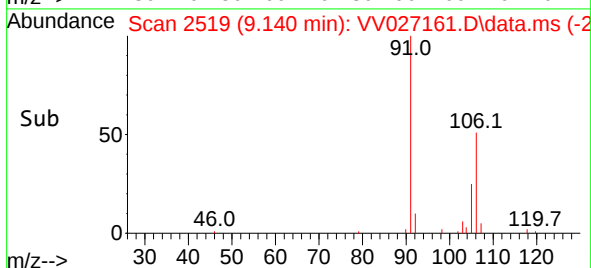
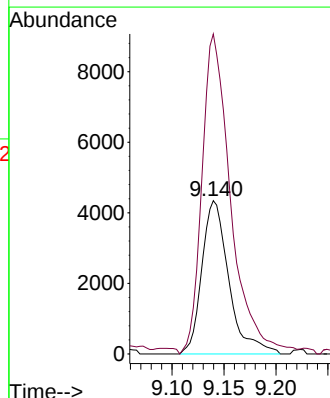
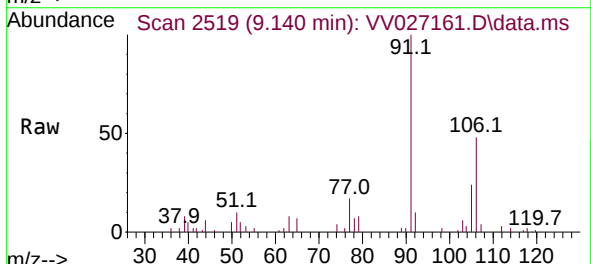
Instrument :
MSVOA_V
ClientSampleId :
EXF02DL

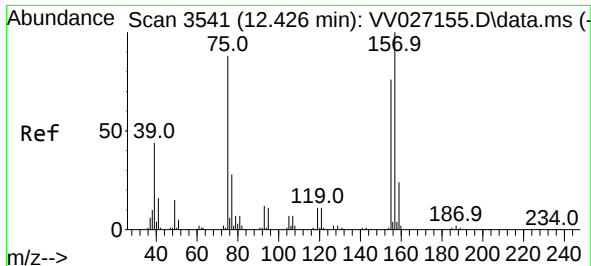
Tgt Ion:112 Resp: 1904137
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.3
77 55.4 44.9 67.3



#53
m,p-Xylene
Concen: 0.954 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027161.D
Acq: 02 Aug 2022 09:50

Tgt Ion:106 Resp: 7862
Ion Ratio Lower Upper
106 100
91 208.8 138.5 257.3





#68

1,2-Dibromo-3-chloropropane

Concen: 0.718 ug/L

RT: 12.400 min Scan# 3

Delta R.T. -0.026 min

Lab File: VV027161.D

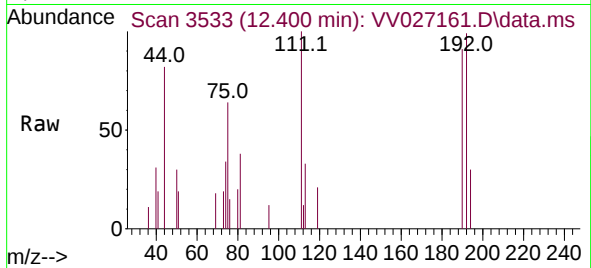
Acq: 02 Aug 2022 09:50

Instrument :

MSVOA_V

ClientSampleId :

EXF02DL



Tgt Ion: 75 Resp: 1161

Ion Ratio Lower Upper

75 100

155 0.0 69.6 104.4#

157 0.0 88.1 132.1#

