

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101921\
 Data File : VX024848.D
 Acq On : 19 Oct 2021 15:05
 Operator : JC/MD
 Sample : M4181-20ME
 Misc : 4.94g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B29ME

Quant Time: Oct 20 04:23:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 04:21:44 2021
 Response via : Initial Calibration

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

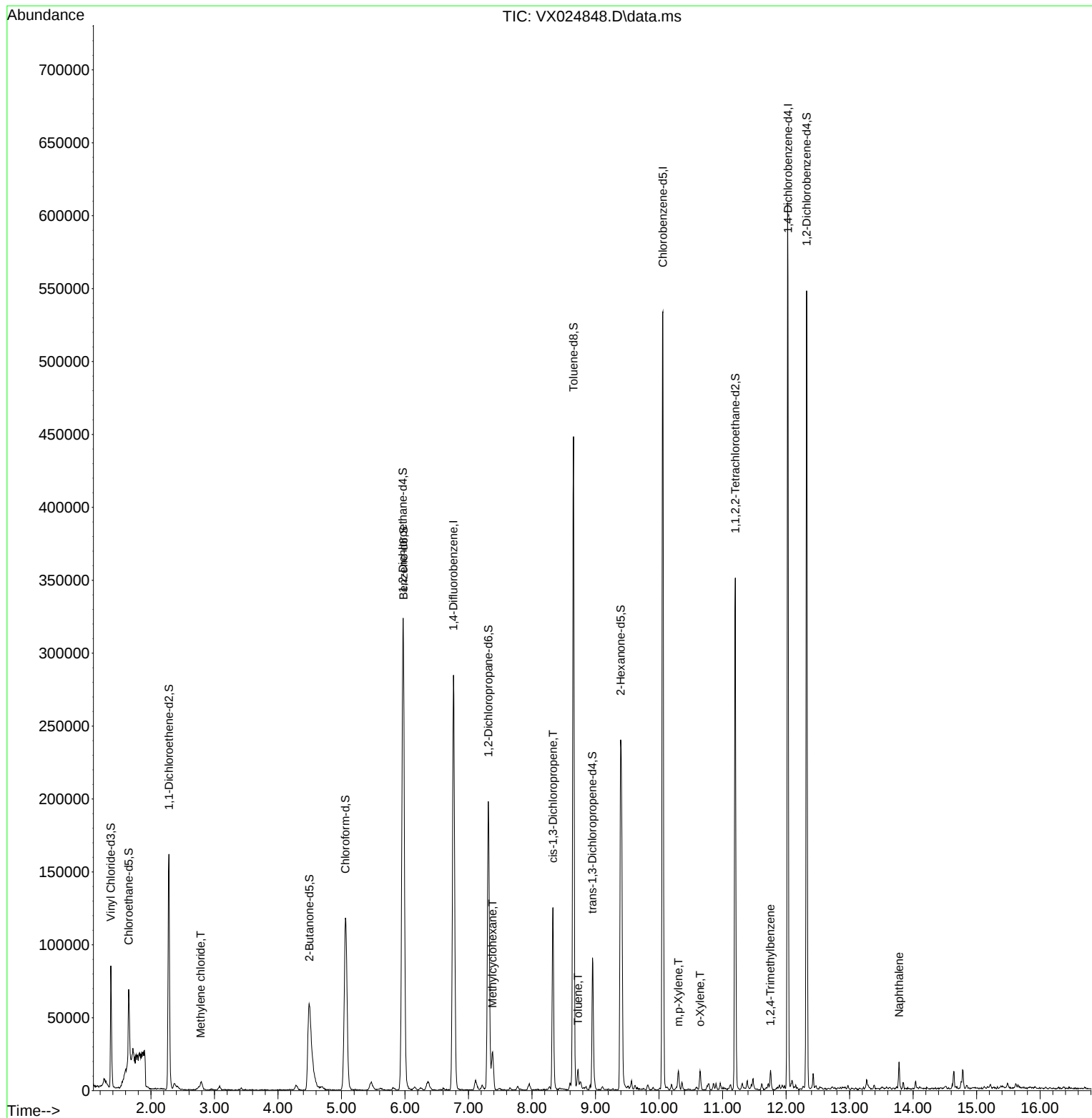
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	292692	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	260925	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	133182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	62676	34.585	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.180%		
7) Chloroethane-d5	1.648	69	39954	33.492	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	66.980%#		
11) 1,1-Dichloroethene-d2	2.282	63	95892	26.950	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.900%#		
21) 2-Butanone-d5	4.495	46	166262	111.594	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.590%		
24) Chloroform-d	5.062	84	152487	41.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.100%		
26) 1,2-Dichloroethane-d4	5.964	65	108837	41.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.860%		
32) Benzene-d6	5.976	84	294720	40.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.200%		
36) 1,2-Dichloropropane-d6	7.312	67	104110	45.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.580%		
41) Toluene-d8	8.653	98	270372	37.755	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.520%#		
43) trans-1,3-Dichloroprop...	8.951	79	43271	37.987	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.980%		
47) 2-Hexanone-d5	9.397	63	110112	102.025	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.030%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	143049	45.181	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.360%		
66) 1,2-Dichlorobenzene-d4	12.323	152	113664	43.619	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.240%		
Target Compounds						Qvalue
16) Methylene chloride	2.782	84	1363	0.674	ug/L	98
35) Methylcyclohexane	7.379	83	10991	3.115	ug/L #	82
39) cis-1,3-Dichloropropene	8.330	75	3236	1.016	ug/L	83
42) Toluene	8.726	91	9183	1.020	ug/L	94
53) m,p-Xylene	10.305	106	2771	0.765	ug/L	85
54) o-Xylene	10.646	106	2965	0.820	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	4893	0.621	ug/L	98
71) Naphthalene	13.780	128	10233	1.179	ug/L	97

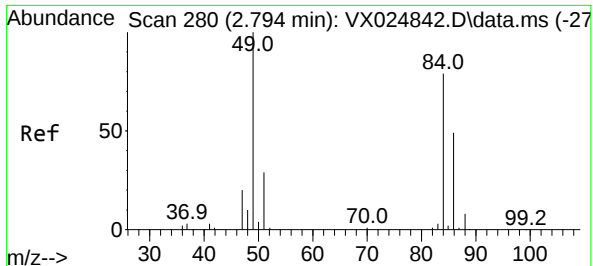
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101921\
Data File : VX024848.D
Acq On : 19 Oct 2021 15:05
Operator : JC/MD
Sample : M4181-20ME
Misc : 4.94g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0B29ME

Quant Time: Oct 20 04:23:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 20 04:21:44 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.674 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.012 min

Lab File: VX024848.D

Acq: 19 Oct 2021 15:05

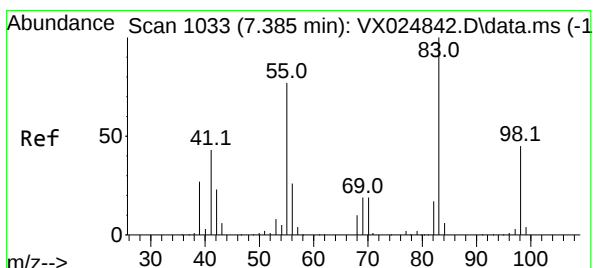
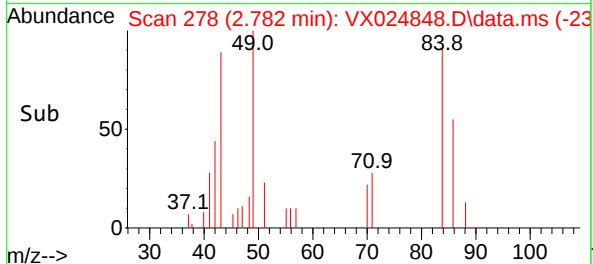
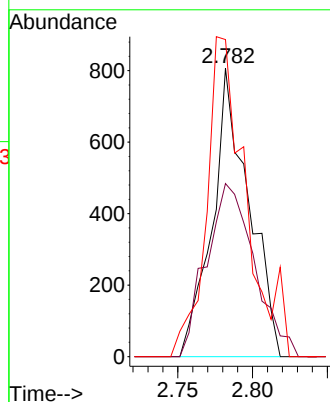
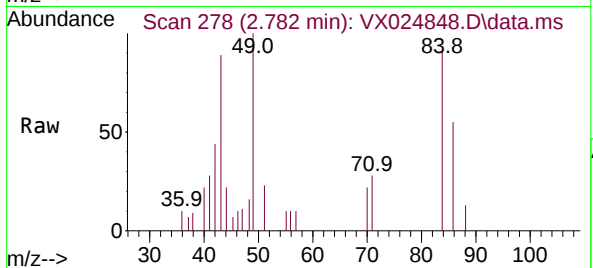
Instrument :

MSVOA_X

ClientSampleId :

C0B29ME

Tgt Ion: 84	Resp: 1363
Ion Ratio	Lower Upper
84 100	
86 60.0	44.2 82.0
49 109.9	77.8 144.6



#35

Methylcyclohexane

Concen: 3.115 ug/L

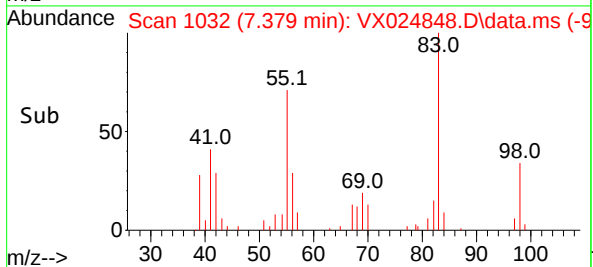
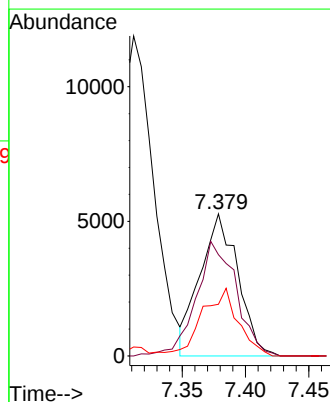
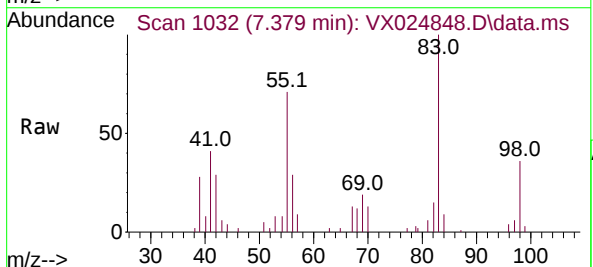
RT: 7.379 min Scan# 1032

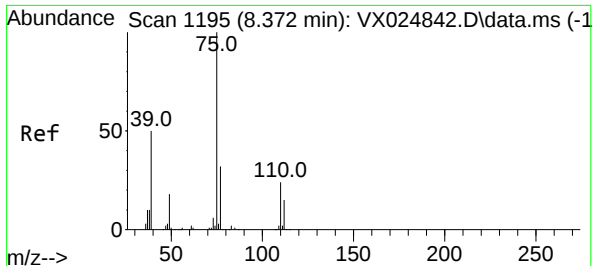
Delta R.T. -0.006 min

Lab File: VX024848.D

Acq: 19 Oct 2021 15:05

Tgt Ion: 83	Resp: 10991
Ion Ratio	Lower Upper
83 100	
55 85.2	61.2 91.8
98 26.9	38.7 58.1#

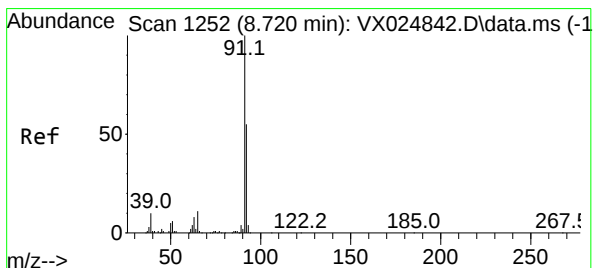
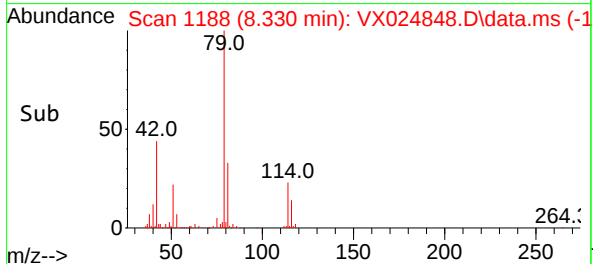
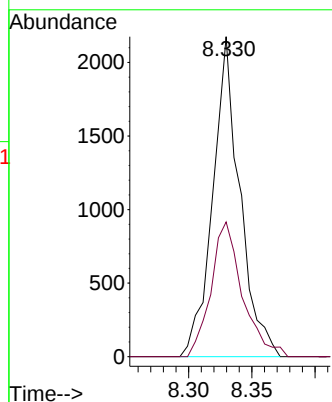
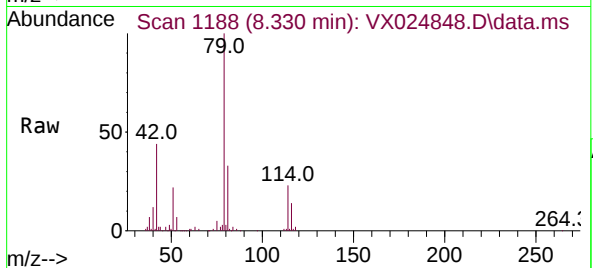




#39
 cis-1,3-Dichloropropene
 Concen: 1.016 ug/L
 RT: 8.330 min Scan# 1188
 Delta R.T. -0.043 min
 Lab File: VX024848.D
 Acq: 19 Oct 2021 15:05

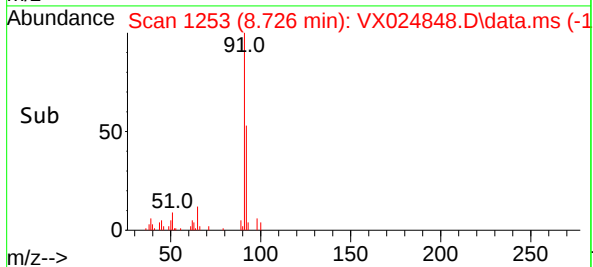
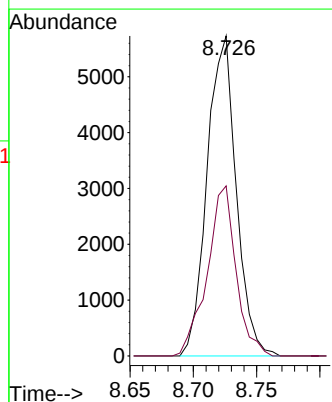
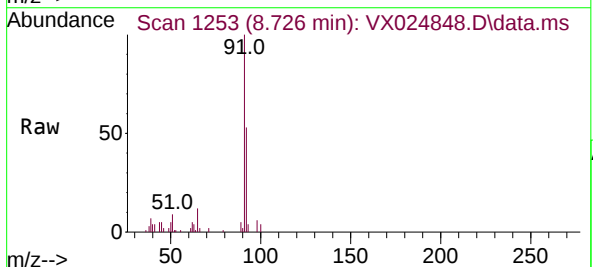
Instrument :
 MSVOA_X
 ClientSampled :
 C0B29ME

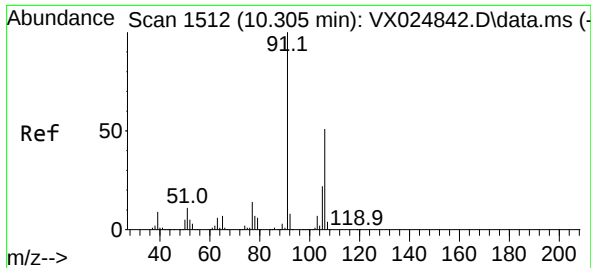
Tgt Ion: 75 Resp: 3236
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.7 42.3



#42
 Toluene
 Concen: 1.020 ug/L
 RT: 8.726 min Scan# 1253
 Delta R.T. 0.006 min
 Lab File: VX024848.D
 Acq: 19 Oct 2021 15:05

Tgt Ion: 91 Resp: 9183
 Ion Ratio Lower Upper
 91 100
 92 53.1 40.5 75.1

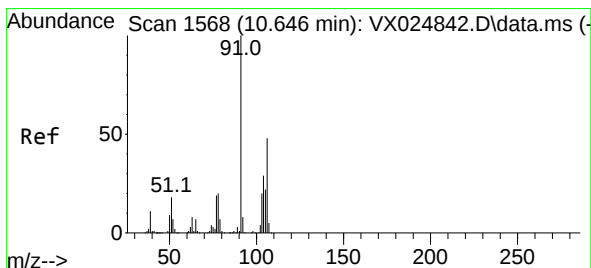
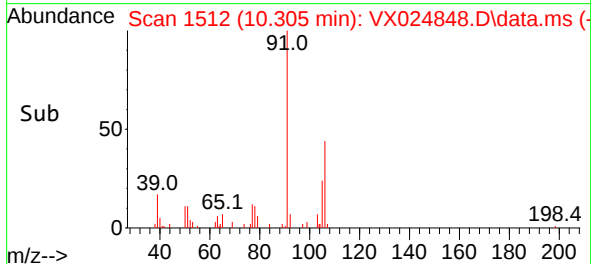
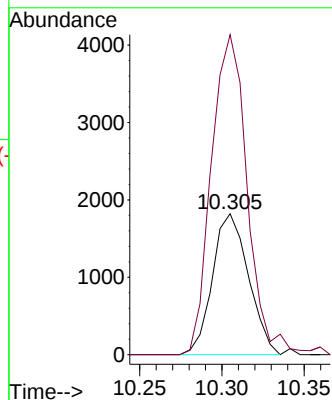
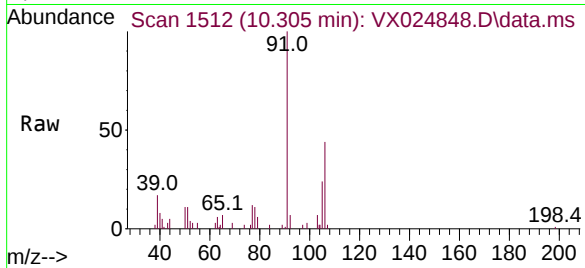




#53
m,p-Xylene
Concen: 0.765 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024848.D
Acq: 19 Oct 2021 15:05

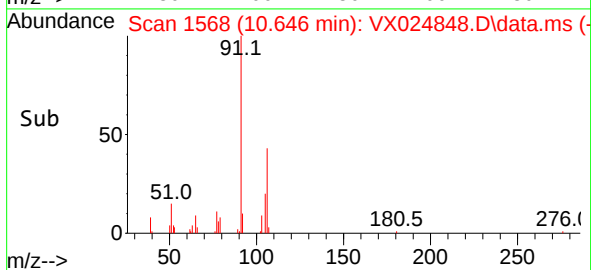
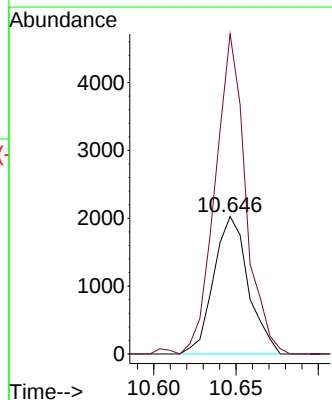
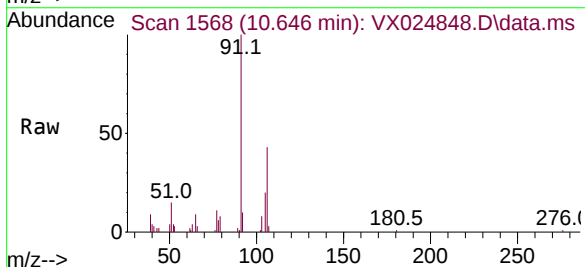
Instrument :
MSVOA_X
ClientSampleId :
C0B29ME

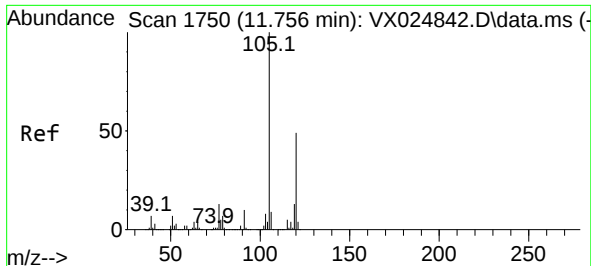
Tgt Ion:106 Resp: 2771
Ion Ratio Lower Upper
106 100
91 226.9 142.5 264.6



#54
o-Xylene
Concen: 0.820 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024848.D
Acq: 19 Oct 2021 15:05

Tgt Ion:106 Resp: 2965
Ion Ratio Lower Upper
106 100
91 232.8 156.2 290.0

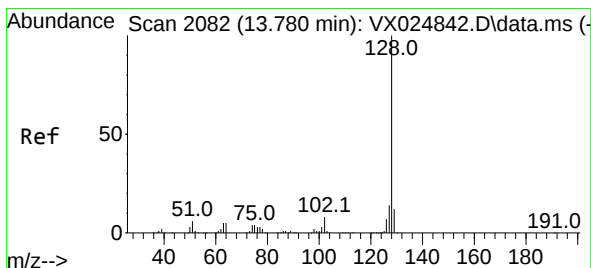
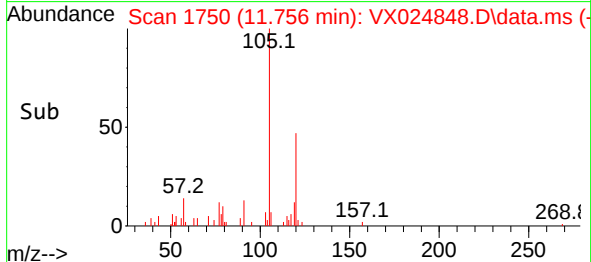
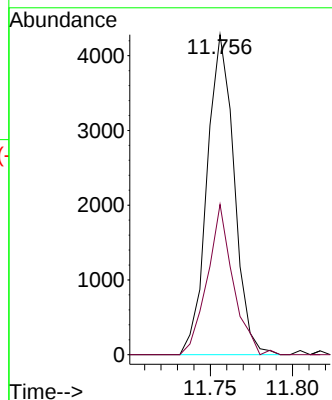
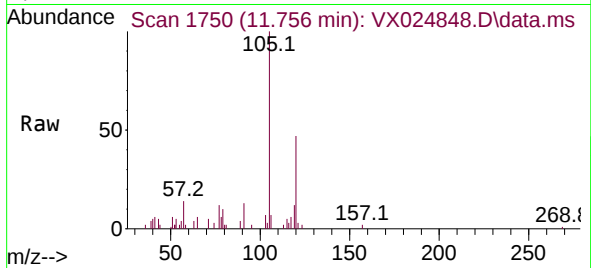




#63
1,2,4-Trimethylbenzene
Concen: 0.621 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024848.D
Acq: 19 Oct 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
C0B29ME

Tgt Ion:105 Resp: 4893
Ion Ratio Lower Upper
105 100
120 44.1 36.4 54.6



#71
Naphthalene
Concen: 1.179 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024848.D
Acq: 19 Oct 2021 15:05

Tgt Ion:128 Resp: 10233
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.2
129 10.5 8.6 13.0

