

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
 Data File : VX025659.D
 Acq On : 09 Dec 2021 14:55
 Operator : JC/MD
 Sample : M4884-14MEDL 20X
 Misc : 3.26g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9K0MEDL

Quant Time: Dec 10 01:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 01:57:45 2021
 Response via : Initial Calibration

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

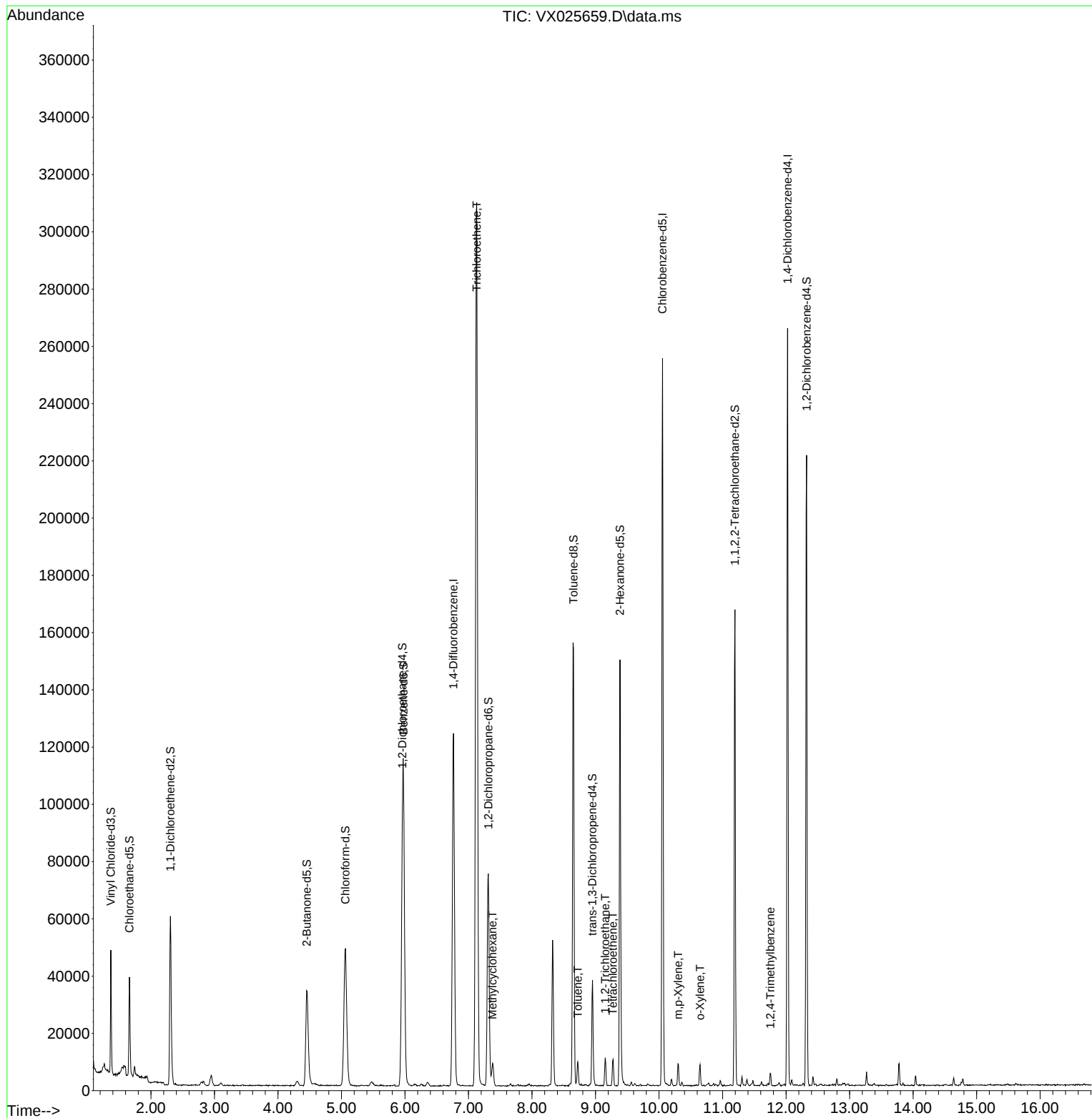
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	128821	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	117673	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24149	27.469	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.940%#
7) Chloroethane-d5	1.660	69	23941	32.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.000%#
11) 1,1-Dichloroethene-d2	2.306	63	33351	23.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.580%#
21) 2-Butanone-d5	4.452	46	58570	89.497	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.500%
24) Chloroform-d	5.062	84	60623	39.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.920%
26) 1,2-Dichloroethane-d4	5.958	65	40439	42.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.440%
32) Benzene-d6	5.977	84	108992	34.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.900%#
36) 1,2-Dichloropropane-d6	7.312	67	37082	38.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.800%
41) Toluene-d8	8.653	98	94778	32.197	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.400%#
43) trans-1,3-Dichloroprop...	8.952	79	16765	34.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.060%
47) 2-Hexanone-d5	9.384	63	42676	84.906	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.910%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	61621	45.155	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	45920	40.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
34) Trichloroethene	7.129	95	117174	141.714	ug/L	95
35) Methylcyclohexane	7.379	83	3306	2.540	ug/L	95
42) Toluene	8.720	91	5748	1.658	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	2508	2.997	ug/L	93
46) Tetrachloroethene	9.275	164	1867	2.663	ug/L	98
53) m,p-Xylene	10.299	106	1977	1.310	ug/L	93
54) o-Xylene	10.646	106	1718	1.137	ug/L	89
63) 1,2,4-Trimethylbenzene	11.756	105	2261	0.718	ug/L #	80

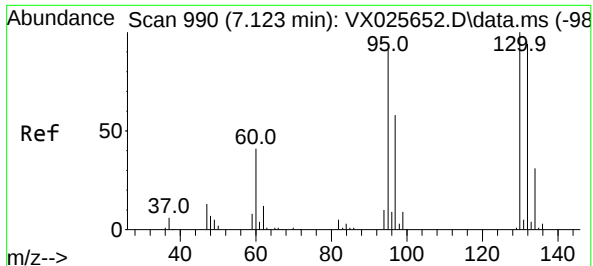
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 10 01:57:45 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 141.714 ug/L

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX025659.D

Acq: 09 Dec 2021 14:55

Instrument :

MSVOA_X

ClientSampleId :

EW9K0MEDL

Tgt Ion: 95 Resp: 117174

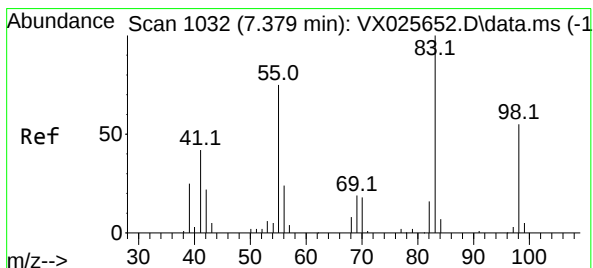
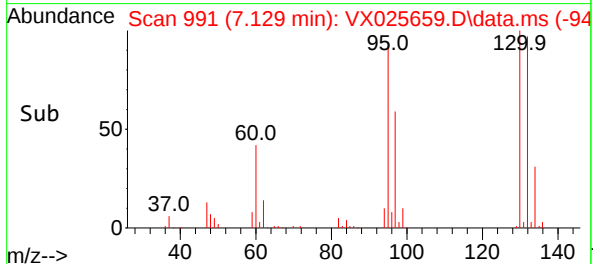
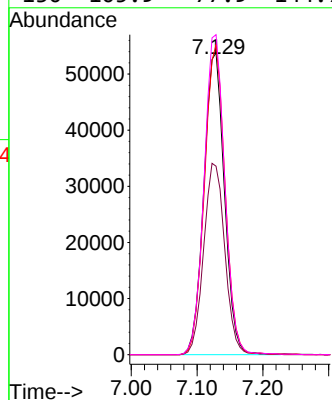
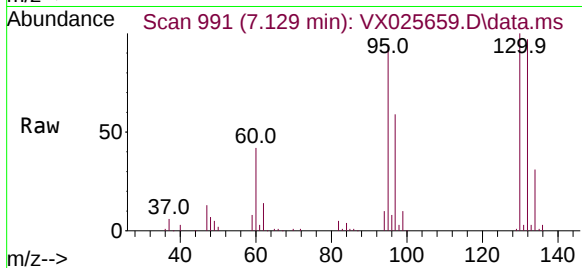
Ion Ratio Lower Upper

95 100

97 62.4 46.0 85.4

132 102.6 75.0 139.2

130 105.9 77.9 144.7



#35

Methylcyclohexane

Concen: 2.540 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX025659.D

Acq: 09 Dec 2021 14:55

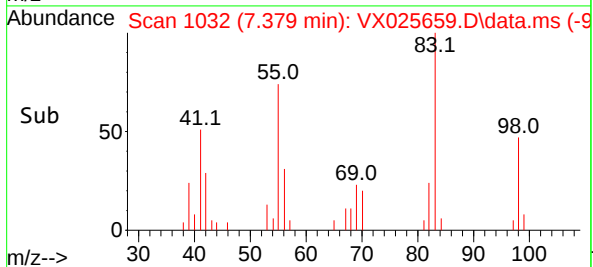
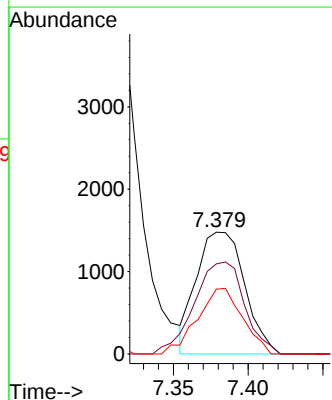
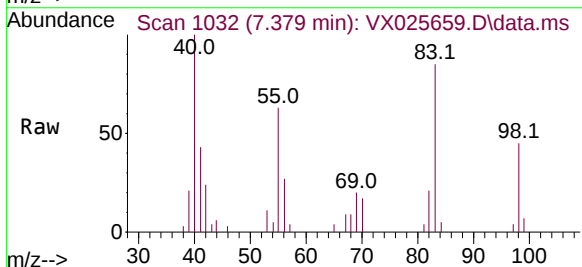
Tgt Ion: 83 Resp: 3306

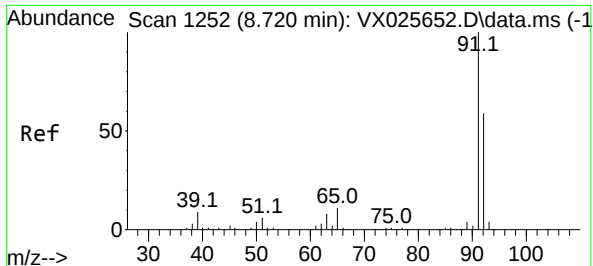
Ion Ratio Lower Upper

83 100

55 78.6 57.3 85.9

98 50.5 41.1 61.7





#42

Toluene

Concen: 1.658 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025659.D

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MSVOA_X

ClientSampleId :

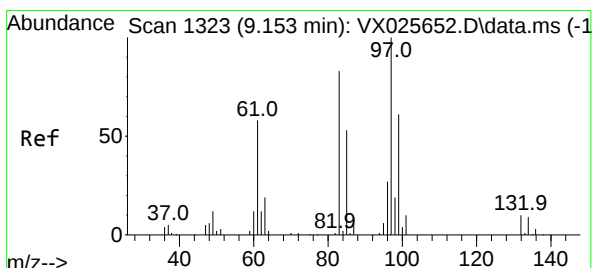
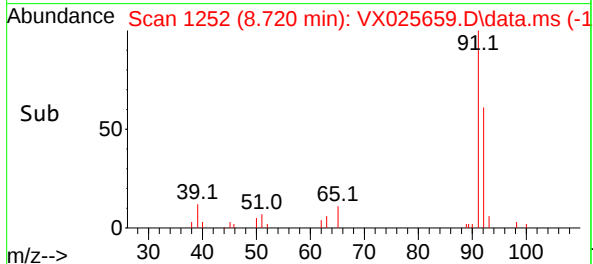
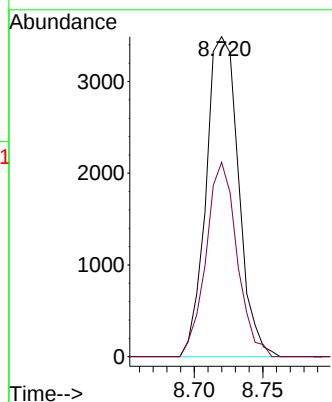
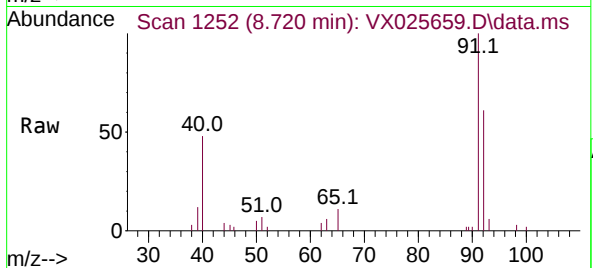
EW9K0MEDL

Tgt Ion: 91 Resp: 5748

Ion Ratio Lower Upper

91 100

92 60.7 41.2 76.6



#45

1,1,2-Trichloroethane

Concen: 2.997 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX025659.D

Acq: 09 Dec 2021 14:55

Tgt Ion: 97 Resp: 2508

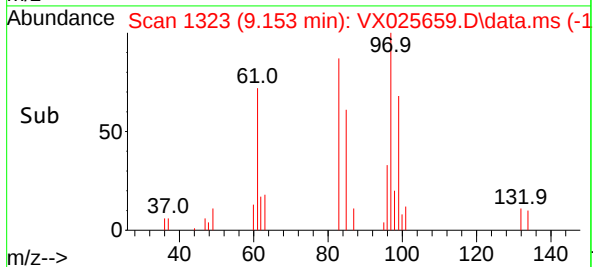
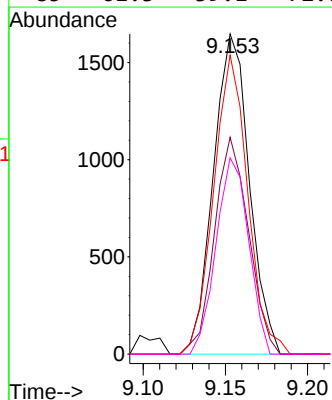
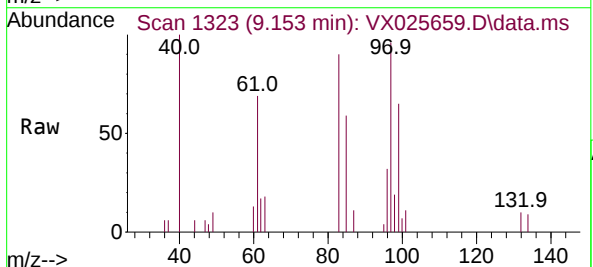
Ion Ratio Lower Upper

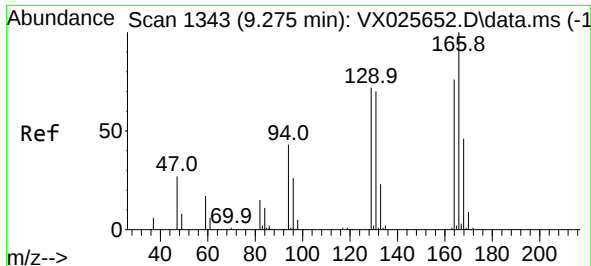
97 100

99 67.7 46.0 85.4

83 93.4 59.6 110.8

85 61.3 39.1 72.7

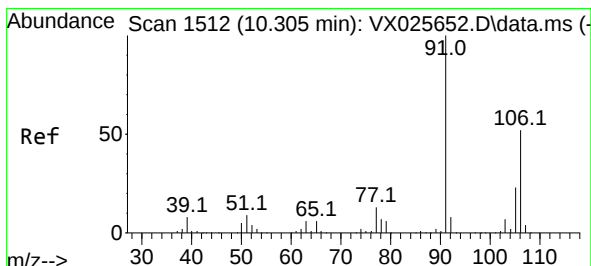
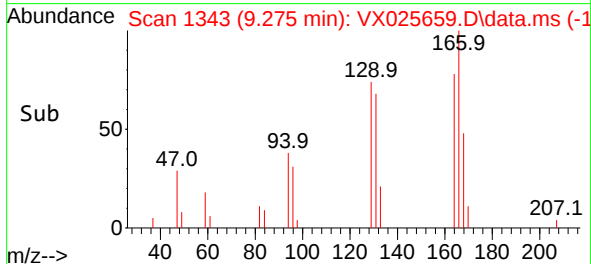
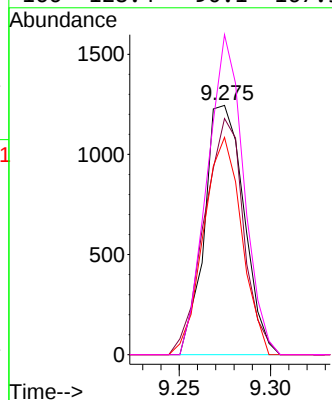
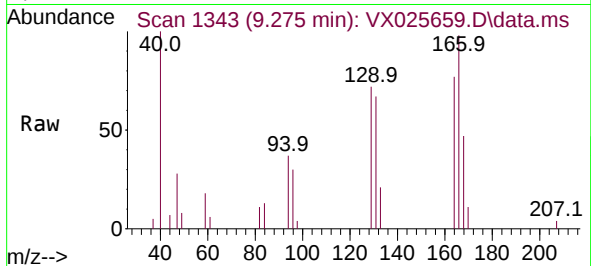




#46
Tetrachloroethene
Concen: 2.663 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

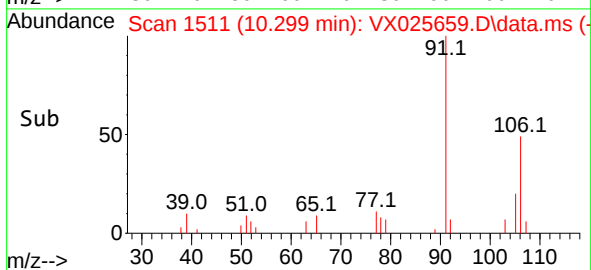
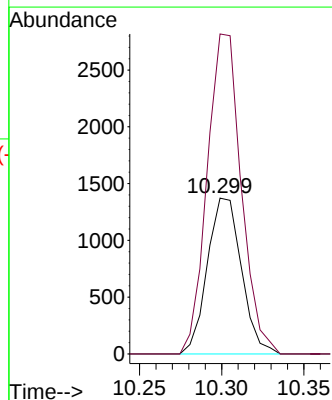
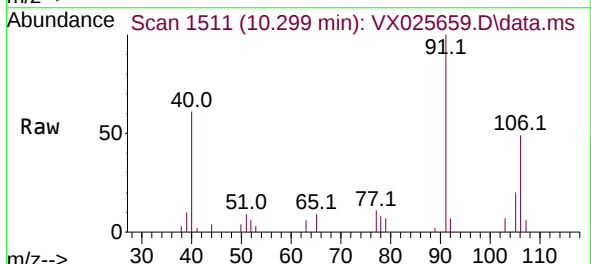
Instrument :
MSVOA_X
ClientSampleId :
EW9K0MEDL

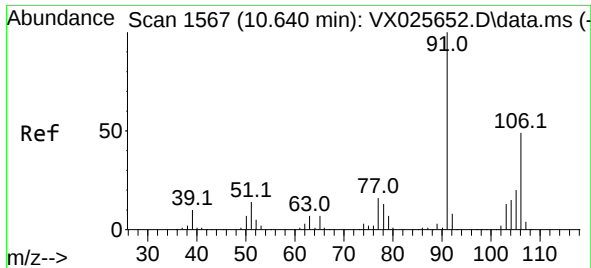
Tgt Ion:164	Resp:	1867
Ion	Ratio	Lower Upper
164	100	
129	94.7	64.7 120.1
131	87.1	63.2 117.4
166	128.4	90.1 167.3



#53
m,p-Xylene
Concen: 1.310 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

Tgt Ion:106	Resp:	1977
Ion	Ratio	Lower Upper
106	100	
91	205.4	136.8 254.2

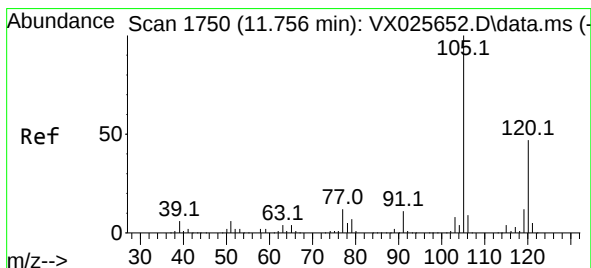
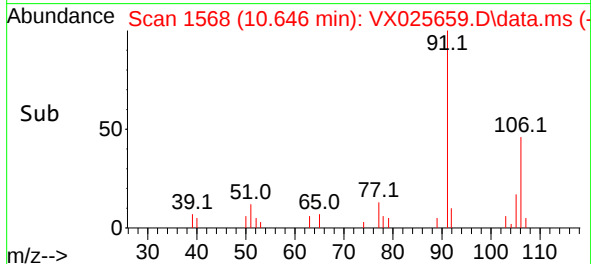
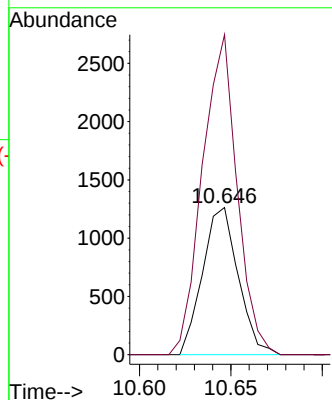
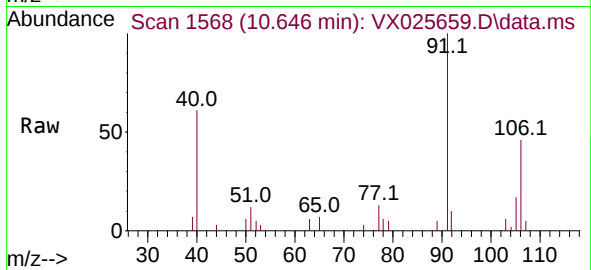




#54
o-Xylene
Concen: 1.137 ug/L
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

Instrument :
MSVOA_X
ClientSampleId :
EW9K0MEDL

Tgt Ion:106 Resp: 1718
Ion Ratio Lower Upper
106 100
91 217.4 140.5 260.9



#63
1,2,4-Trimethylbenzene
Concen: 0.718 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025659.D
Acq: 09 Dec 2021 14:55

Tgt Ion:105 Resp: 2261
Ion Ratio Lower Upper
105 100
120 47.4 0.1 0.1#

