

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024659.D
 Acq On : 07 Oct 2021 20:31
 Operator : JC/MD
 Sample : M4070-06
 Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW7D7

Manual Integrations
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 10/11/2021 12:40:26 PM

Quant Time: Oct 07 23:11:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	258004	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	241037	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	133671	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58043	36.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.66%		
7) Chloroethane-d5	1.648	69	23297	22.15	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	44.30%#		
11) 1,1-Dichloroethene-d2	2.270	63	86979	27.73	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.46%#		
21) 2-Butanone-d5	4.513	46	80629	61.39	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	61.39%		
24) Chloroform-d	5.068	84	141771	43.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.64%		
26) 1,2-Dichloroethane-d4	5.964	65	105537	46.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.24%		
32) Benzene-d6	5.971	84	288941	42.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.10%		
36) 1,2-Dichloropropane-d6	7.312	67	92517	43.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.12%		
41) Toluene-d8	8.653	98	270301	40.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.72%		
43) trans-1,3-Dichloroprop...	8.952	79	41424	39.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.74%		
47) 2-Hexanone-d5	9.403	63	94483	94.77	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.77%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	136024	46.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.02%		
66) 1,2-Dichlorobenzene-d4	12.323	152	120477	46.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.12%		
Target Compounds						
15) Methyl Acetate	2.739	43	2677	1.29	ug/L #	77
16) Methylene chloride	2.776	84	1717	0.96	ug/L	76
29) Cyclohexane	5.452	56	4842	1.62	ug/L #	57
35) Methylcyclohexane	7.379	83	14862	4.56	ug/L	96
42) Toluene	8.720	91	1425185	171.43	ug/L	98
52) Ethylbenzene	10.201	91	7803317	911.61	ug/L	85
53) m,p-Xylene	10.317	106	9250401m	2766.07	ug/L	
54) o-Xylene	10.653	106	3434561	1028.21	ug/L	79
60) Isopropylbenzene	10.970	105	269998	29.33	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	162094	20.05	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	478570	60.55	ug/L	98

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

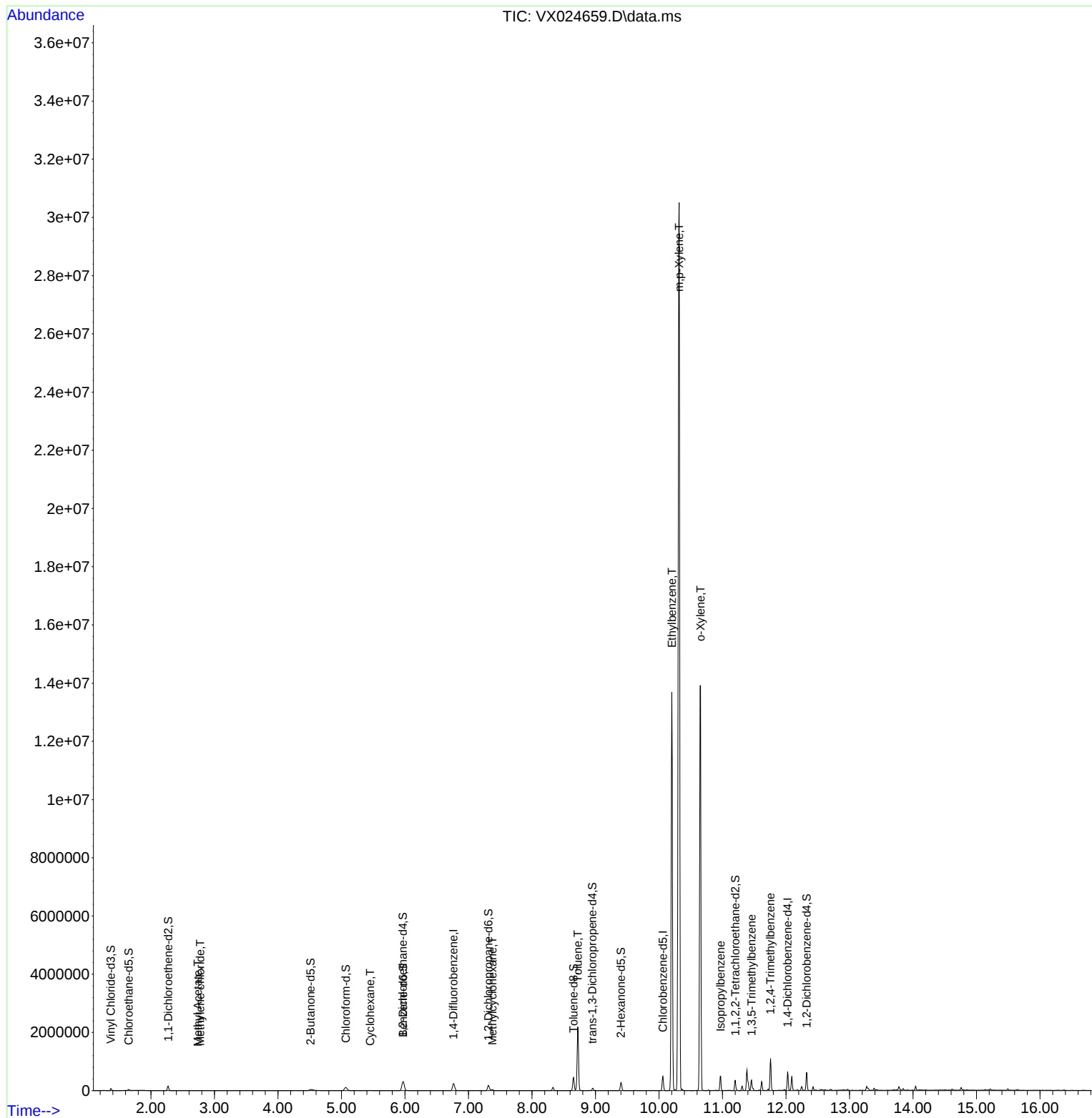
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024659.D
Acq On : 07 Oct 2021 20:31
Operator : JC/MD
Sample : M4070-06
Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 28 Sample Multiplier: 1

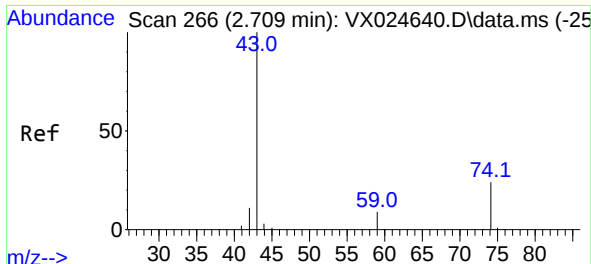
Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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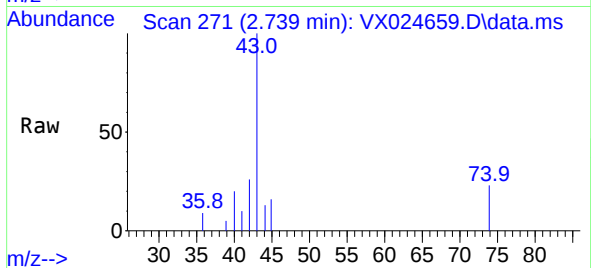
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration





#15
Methyl Acetate
Concen: 1.29 ug/L
RT: 2.739 min Scan# 271
Delta R.T. 0.031 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

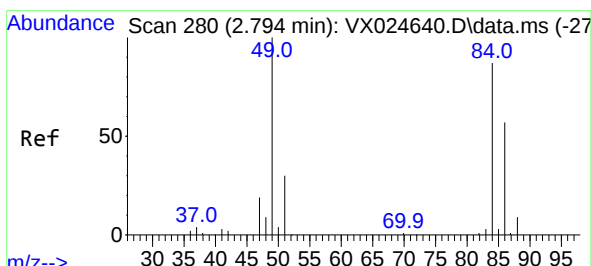
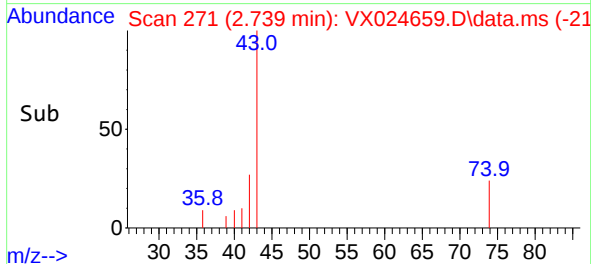
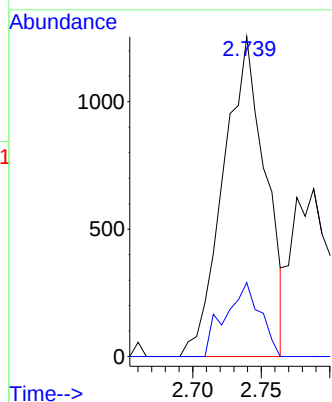
Instrument :
MSVOA_X
ClientSampleId :
EW7D7



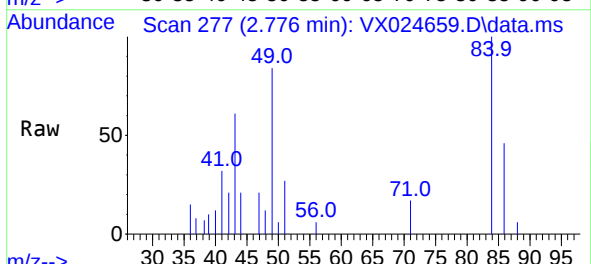
Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
74 15.3 21.7 32.5#

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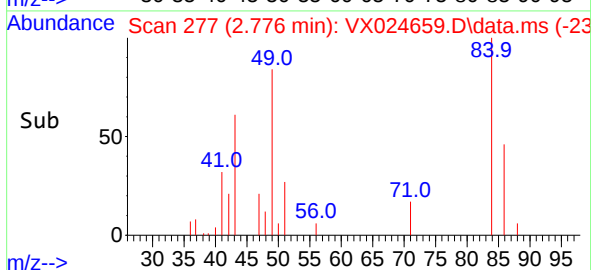
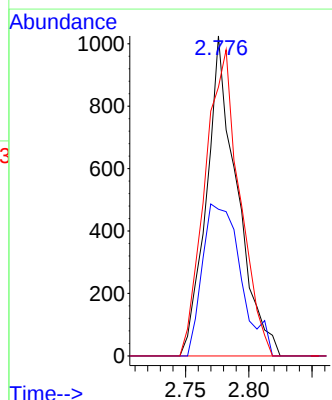
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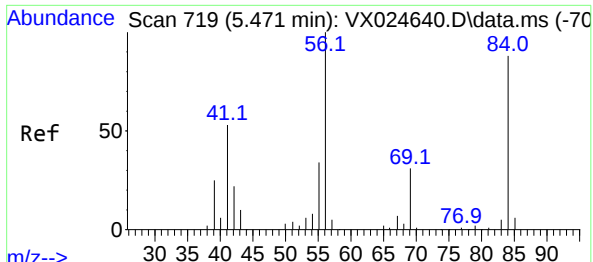


#16
Methylene chloride
Concen: 0.96 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.018 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31



Tgt Ion: 84 Resp: 1717
Ion Ratio Lower Upper
84 100
86 45.9 44.2 82.0
49 84.0 77.8 144.6





#29

Cyclohexane

Concen: 1.62 ug/L

RT: 5.452 min Scan# 716

Delta R.T. -0.018 min

Lab File: VX024659.D

Acq: 07 Oct 2021 20:31

Tgt Ion: 56 Resp: 4842

Ion Ratio Lower Upper

56 100

69 22.8 25.7 38.5#

84 41.6 72.4 108.6#

Instrument :

MSVOA_X

ClientSampled :

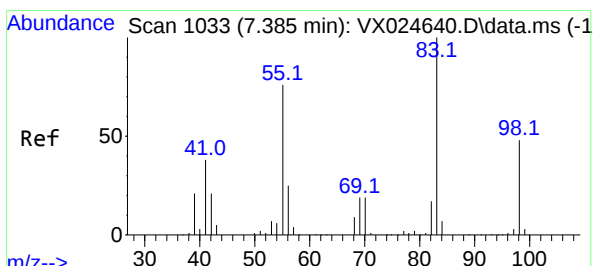
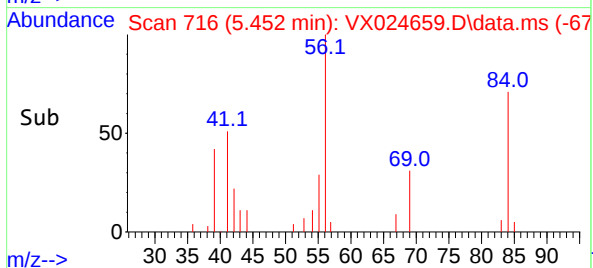
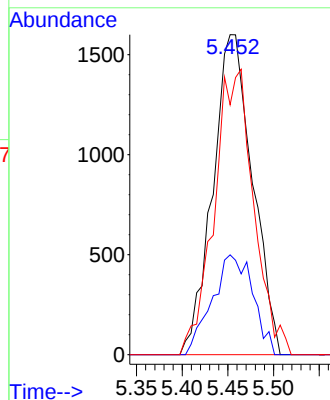
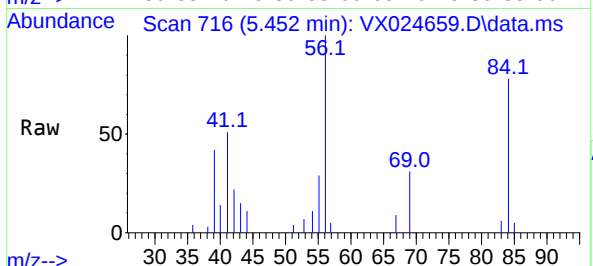
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#35

Methylcyclohexane

Concen: 4.56 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX024659.D

Acq: 07 Oct 2021 20:31

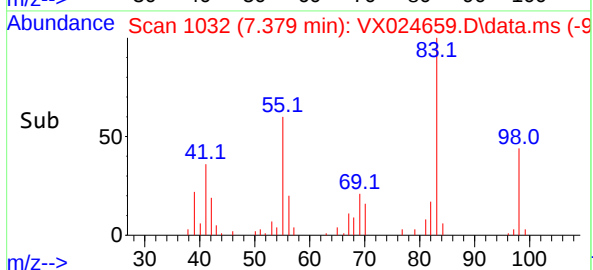
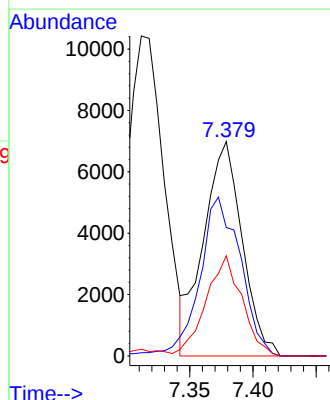
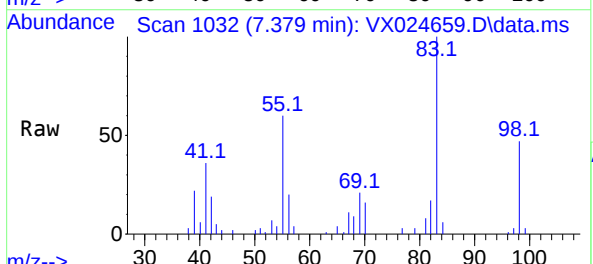
Tgt Ion: 83 Resp: 14862

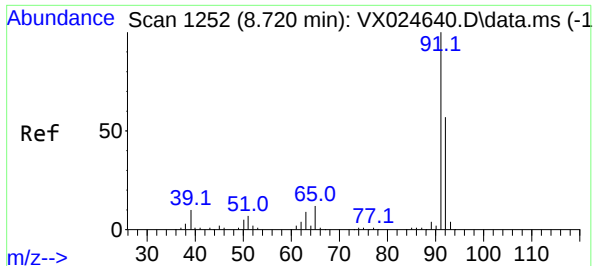
Ion Ratio Lower Upper

83 100

55 78.4 61.2 91.8

98 43.4 38.7 58.1





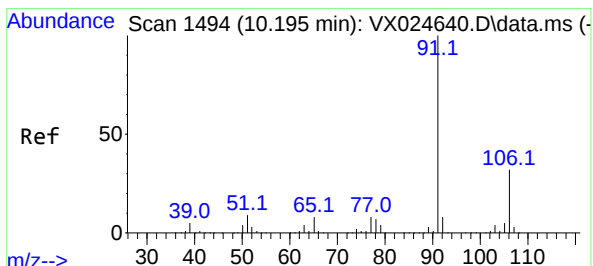
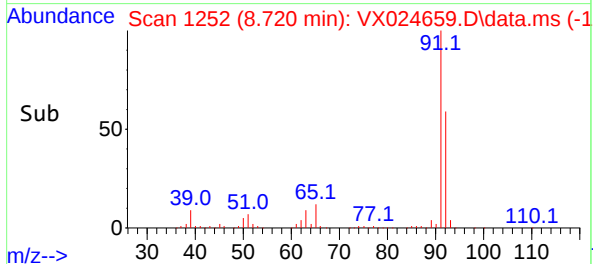
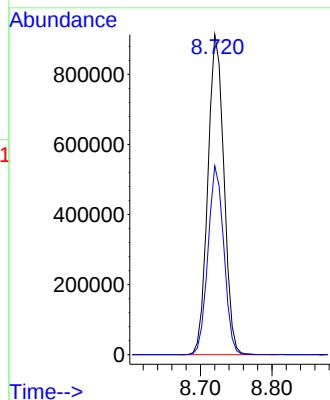
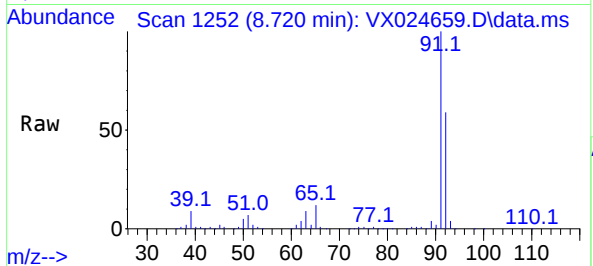
#42
Toluene
Concen: 171.43 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

Tgt Ion: 91 Resp: 1425185
Ion Ratio Lower Upper
91 100
92 59.0 40.5 75.1

Instrument :
MSVOA_X
ClientSampled :
EW7D7

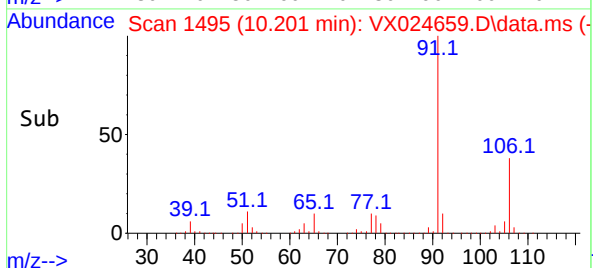
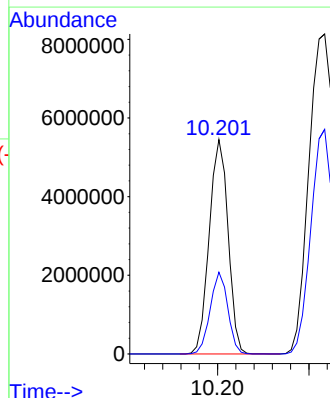
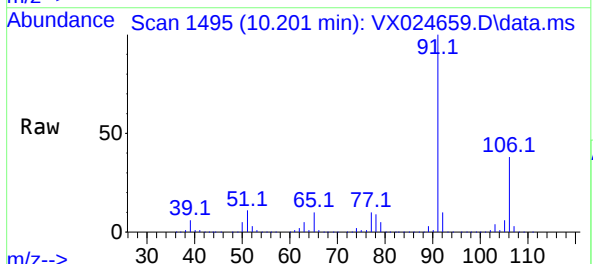
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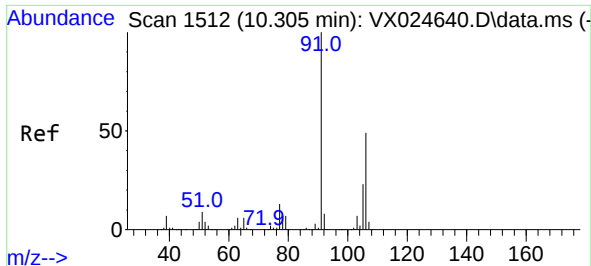
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#52
Ethylbenzene
Concen: 911.61 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

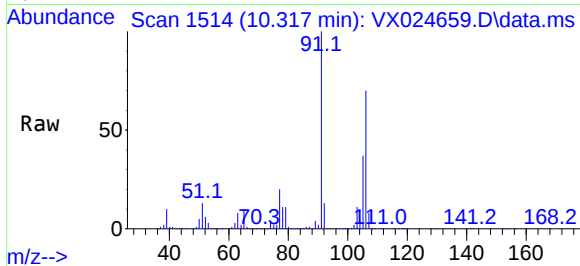
Tgt Ion: 91 Resp: 7803317
Ion Ratio Lower Upper
91 100
106 38.2 21.0 39.0





#53
m,p-Xylene
Concen: 2766.07 ug/L m
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

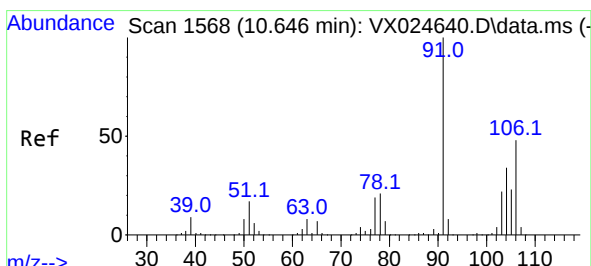
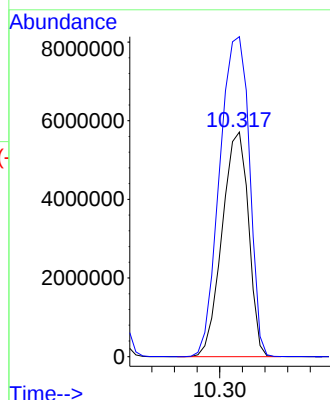
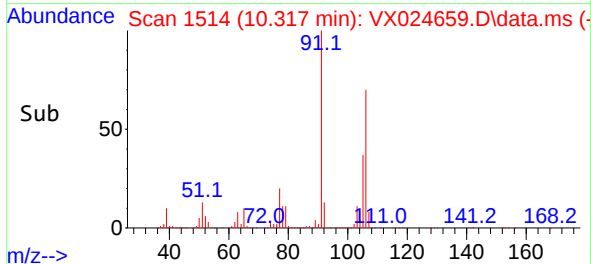
Instrument :
MSVOA_X
ClientSampled :
EW7D7



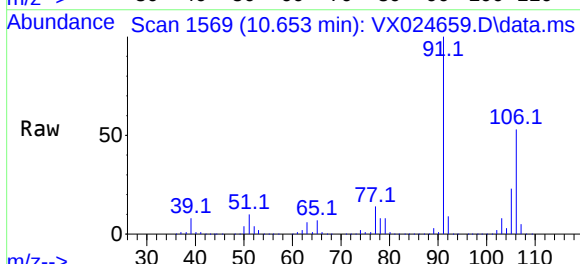
Tgt Ion:106 Resp: 9250401
Ion Ratio Lower Upper
106 100
91 142.4 142.5 264.6#

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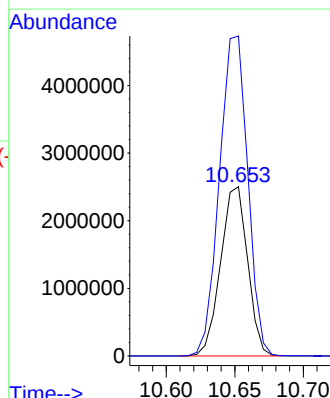
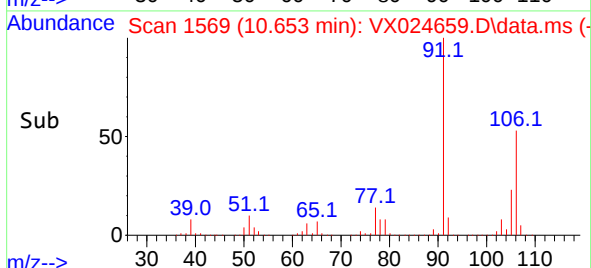
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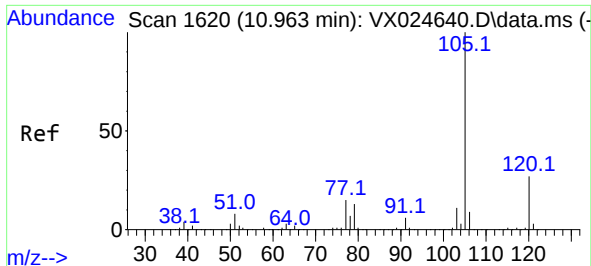


#54
o-Xylene
Concen: 1028.21 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

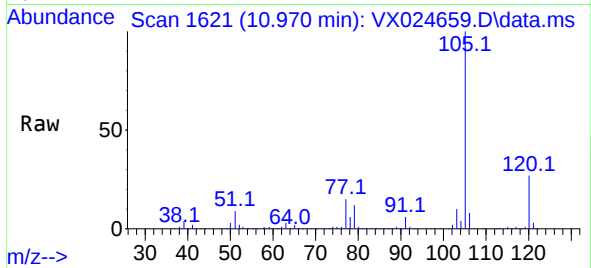


Tgt Ion:106 Resp: 3434561
Ion Ratio Lower Upper
106 100
91 189.1 156.2 290.0

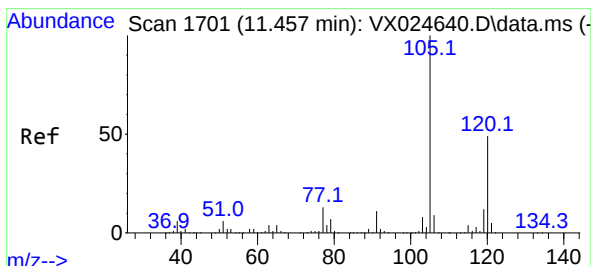
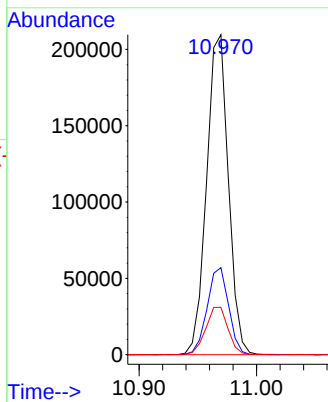
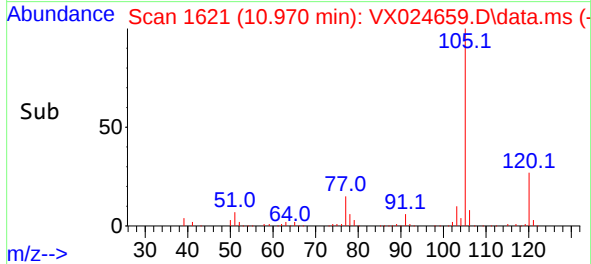




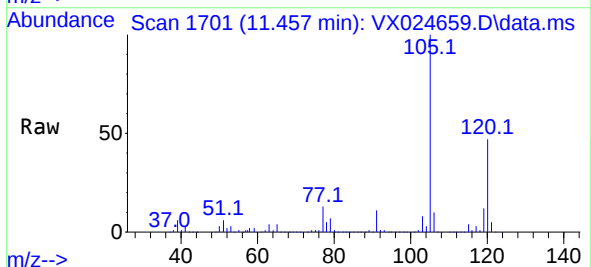
#60
Isopropylbenzene
Concen: 29.33 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31



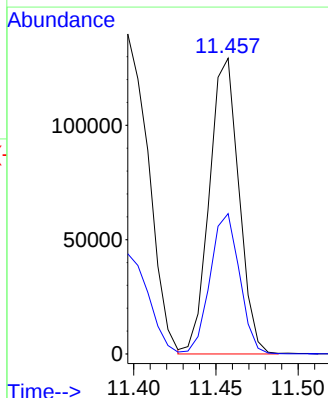
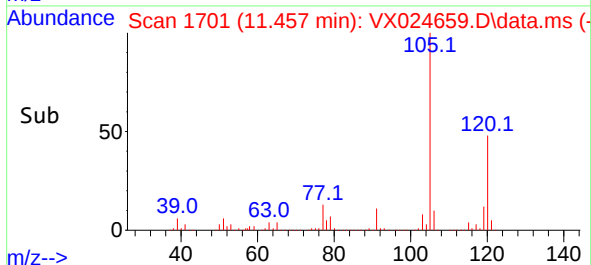
Tgt Ion:105 Resp: 269998
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 15.3 12.6 18.8



#62
1,3,5-Trimethylbenzene
Concen: 20.05 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31



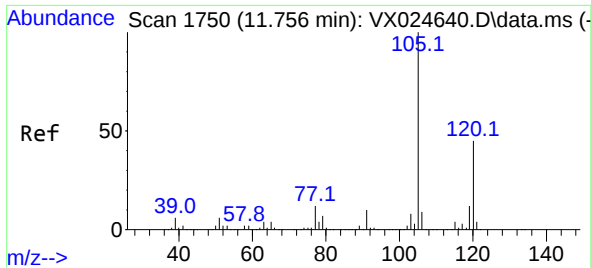
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Ion Ratio Lower Upper
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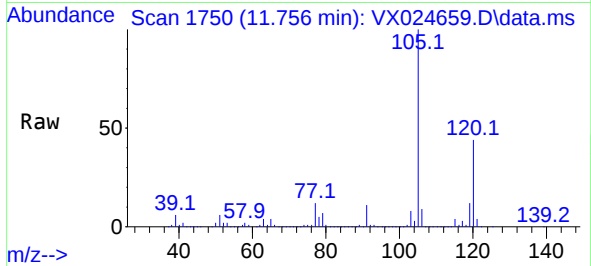
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#63
 1,2,4-Trimethylbenzene
 Concen: 60.55 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX024659.D
 Acq: 07 Oct 2021 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 EW7D7



Tgt Ion:105 Resp: 478570
 Ion Ratio Lower Upper
 105 100
 120 44.5 36.4 54.6

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