

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
 Data File : VX042376.D
 Acq On : 18 Jul 2024 17:47
 Operator : JC/MD
 Sample : P3215-14ME
 Misc : 5.29g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A4D31ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 05:32:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 05:29:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	99136	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	89735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	46671	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.404	65	14536	25.191	ug/L	0.04
Spiked Amount	50.000	Range 60 - 135	Recovery	=	50.380%#	
7) Chloroethane-d5	1.703	69	9323m	25.661	ug/L	0.06
Spiked Amount	50.000	Range 70 - 130	Recovery	=	51.320%#	
11) 1,1-Dichloroethene-d2	2.270	65	5846	23.149	ug/L	-0.02
Spiked Amount	50.000	Range 60 - 125	Recovery	=	46.300%#	
21) 2-Butanone-d5	4.501	46	27211	65.437	ug/L	0.04
Spiked Amount	100.000	Range 40 - 130	Recovery	=	65.440%	
24) Chloroform-d	5.056	84	35597	30.681	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	61.360%#	
26) 1,2-Dichloroethane-d4	5.958	65	23979	35.016	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	70.040%	
32) Benzene-d6	5.964	84	73982	31.896	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	63.800%#	
36) 1,2-Dichloropropane-d6	7.306	67	22885	32.786	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	65.580%#	
41) Toluene-d8	8.647	98	66410	30.724	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	61.440%#	
43) trans-1,3-Dichloroprop...	8.952	79	8069	26.747	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	53.500%#	
47) 2-Hexanone-d5	9.397	63	20973	66.194	ug/L	0.01
Spiked Amount	100.000	Range 45 - 130	Recovery	=	66.190%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	35074	33.988	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	67.980%	
66) 1,2-Dichlorobenzene-d4	12.323	152	31703	34.973	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	69.940%#	
Target Compounds						
					Qvalue	
13) Acetone	2.416	43	4444	15.666	ug/L	85
15) Methyl Acetate	2.721	43	22094	30.653	ug/L	95
29) Cyclohexane	5.446	56	2933	3.024	ug/L #	68
35) Methylcyclohexane	7.373	83	9171	9.202	ug/L	99
42) Toluene	8.720	91	10274	3.837	ug/L	99
53) m,p-Xylene	10.299	106	4819	4.115	ug/L	99
54) o-Xylene	10.640	106	4072	3.481	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	5104	2.143	ug/L	96

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

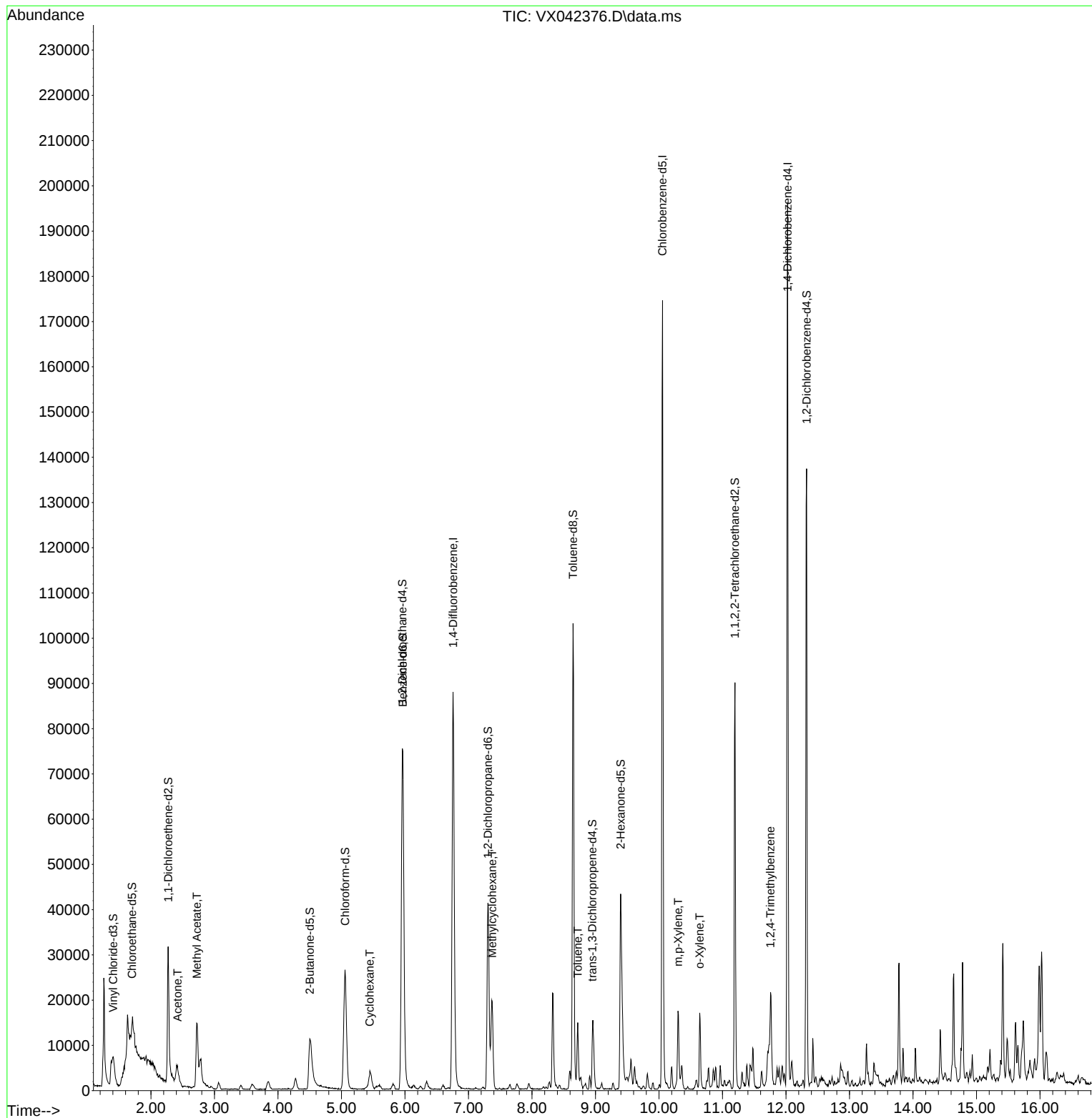
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
Data File : VX042376.D
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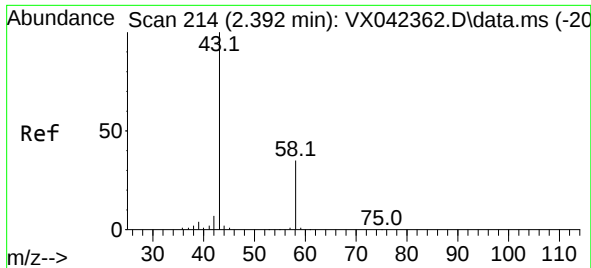
Instrument :
MSVOA_X
ClientSampleId :
A4D31ME

Quant Time: Jul 19 05:32:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 05:29:00 2024
Response via : Initial Calibration

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#13

Acetone

Concen: 15.666 ug/L

RT: 2.416 min Scan# 214

Delta R.T. 0.025 min

Lab File: VX042376.D

Acq: 18 Jul 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

A4D31ME

Tgt Ion: 43 Resp: 444

Ion Ratio Lower Upper

43 100

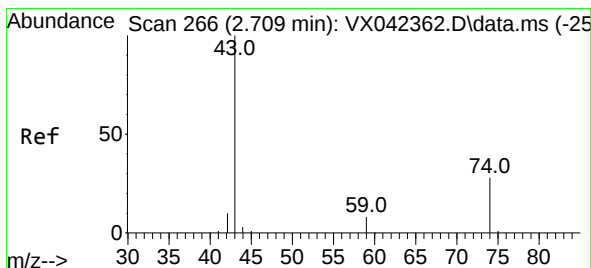
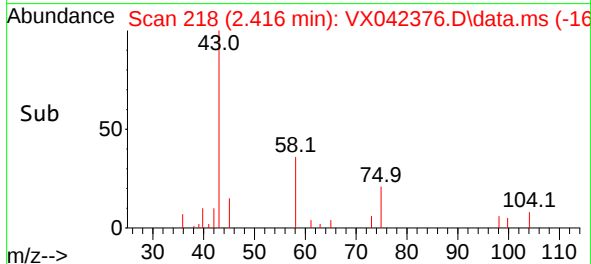
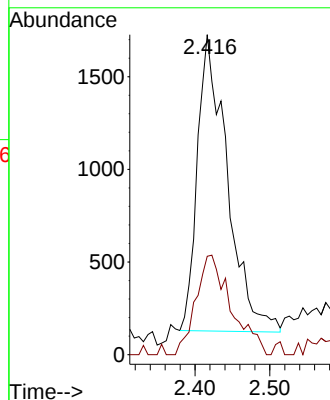
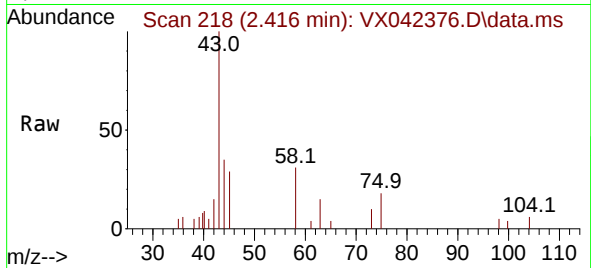
58 39.5 0.0 62.6

Manual Integrations

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#15

Methyl Acetate

Concen: 30.653 ug/L

RT: 2.721 min Scan# 268

Delta R.T. 0.012 min

Lab File: VX042376.D

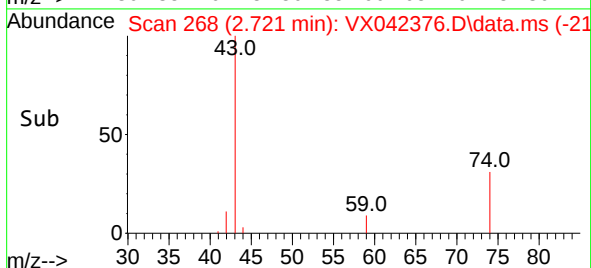
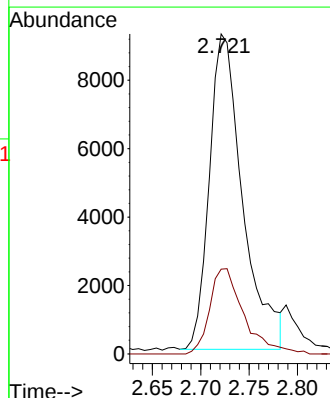
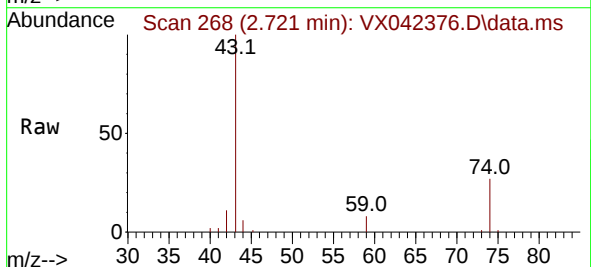
Acq: 18 Jul 2024 17:47

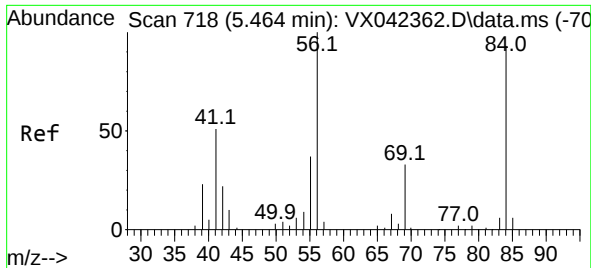
Tgt Ion: 43 Resp: 22094

Ion Ratio Lower Upper

43 100

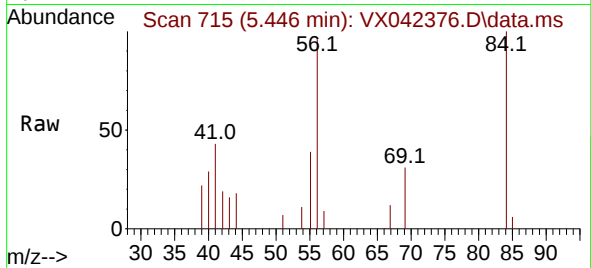
74 27.7 20.1 30.1





#29
Cyclohexane
Concen: 3.024 ug/L
RT: 5.446 min Scan# 715
Delta R.T. -0.018 min
Lab File: VX042376.D
Acq: 18 Jul 2024 17:47

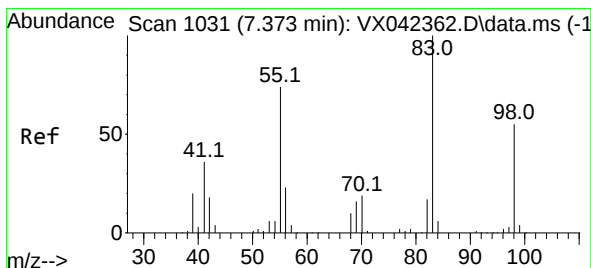
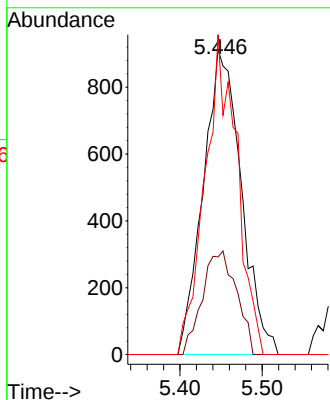
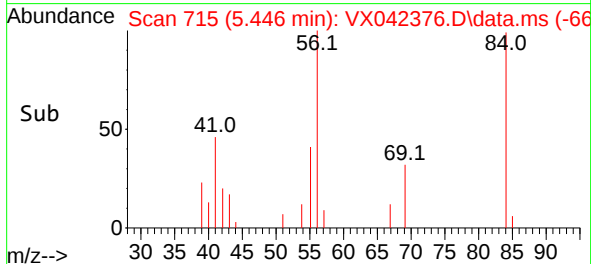
Instrument :
MSVOA_X
ClientSampleId :
A4D31ME



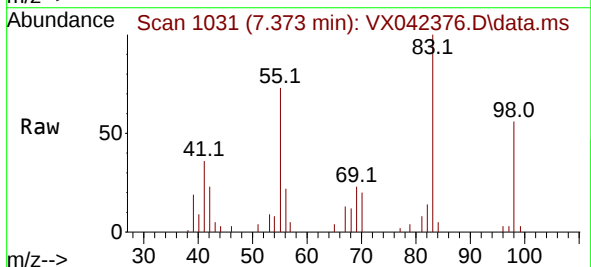
Tgt Ion: 56 Resp: 293
Ion Ratio Lower Upper
56 100
69 30.5 25.3 37.9
84 52.3 74.0 111.0

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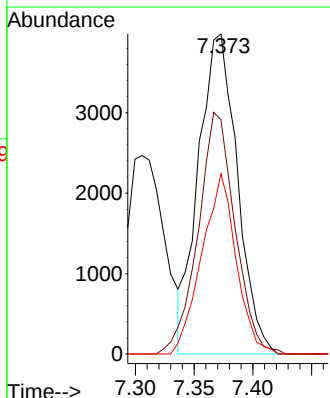
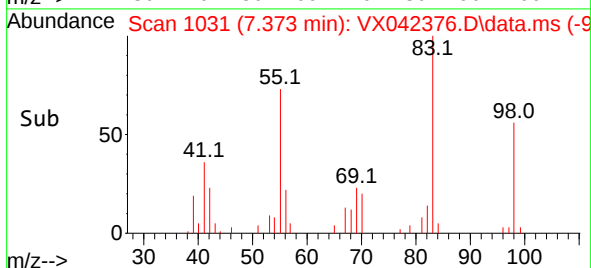
Reviewed By :John Carlone 07/19/2024
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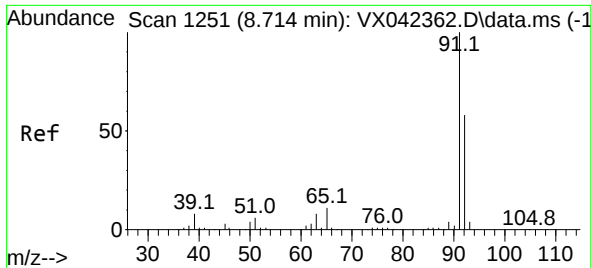


#35
Methylcyclohexane
Concen: 9.202 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX042376.D
Acq: 18 Jul 2024 17:47



Tgt Ion: 83 Resp: 9171
Ion Ratio Lower Upper
83 100
55 71.5 56.4 84.6
98 49.7 40.4 60.6





#42

Toluene

Concen: 3.837 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042376.D

Acq: 18 Jul 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

A4D31ME

Tgt Ion: 91 Resp: 10274

Ion Ratio Lower Upper

91 100

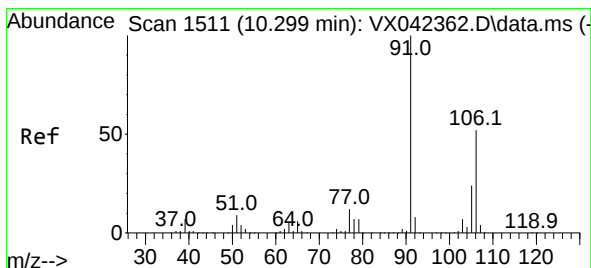
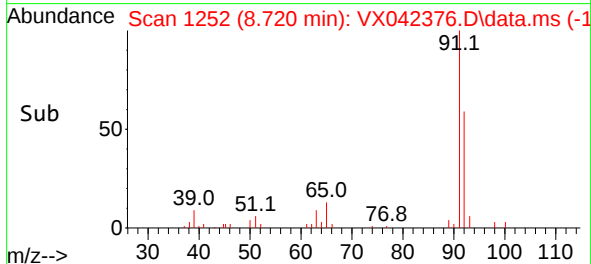
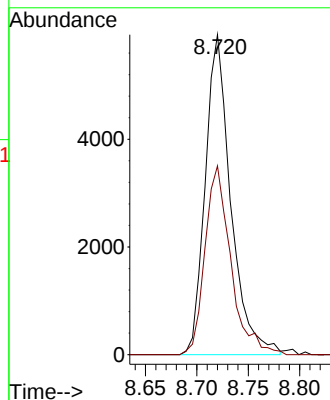
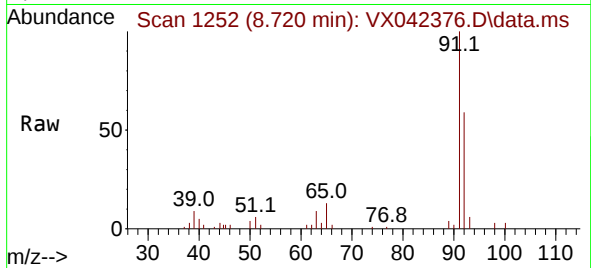
92 59.0 41.6 77.3

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#53

m,p-Xylene

Concen: 4.115 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042376.D

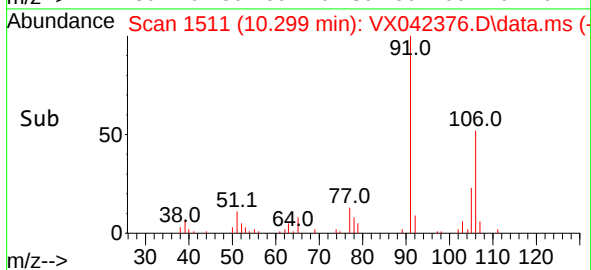
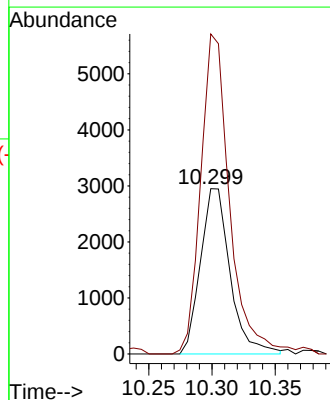
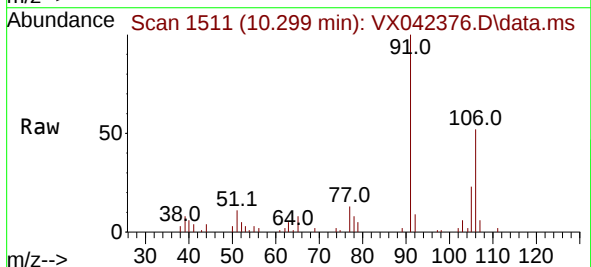
Acq: 18 Jul 2024 17:47

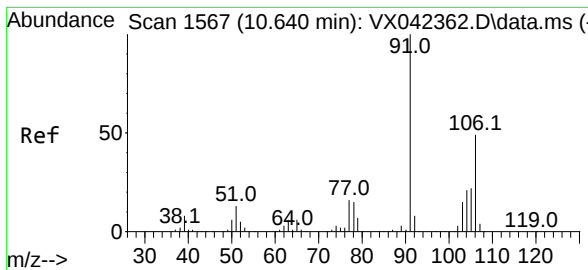
Tgt Ion:106 Resp: 4819

Ion Ratio Lower Upper

106 100

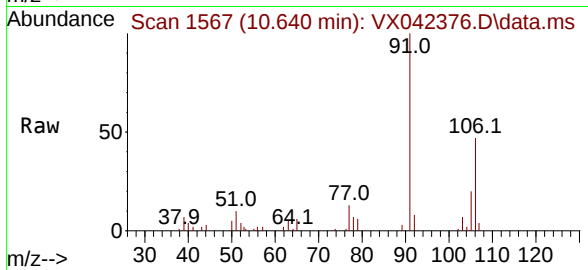
91 193.6 136.4 253.2





#54
o-Xylene
Concen: 3.481 ug/L
RT: 10.640 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX042376.D
Acq: 18 Jul 2024 17:47

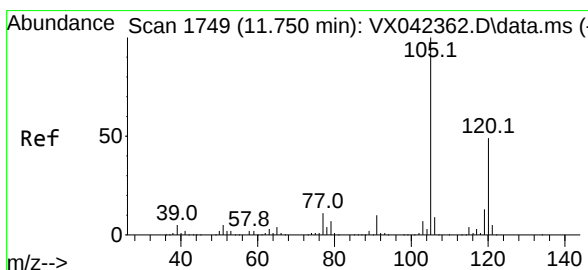
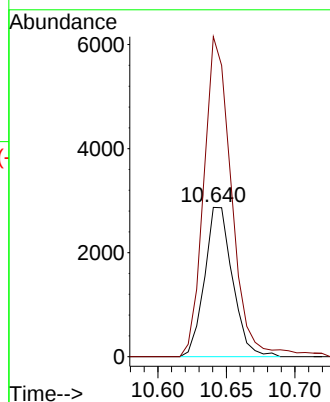
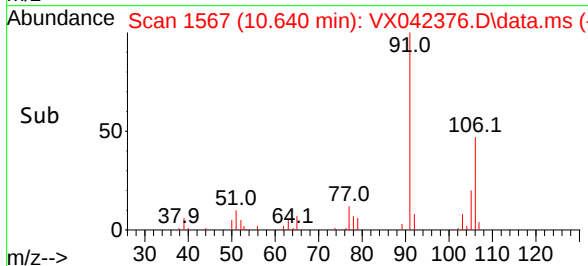
Instrument :
MSVOA_X
ClientSampleId :
A4D31ME



Tgt Ion:106 Resp: 4072
Ion Ratio Lower Upper
106 100
91 214.4 143.4 266.2

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#63
1,2,4-Trimethylbenzene
Concen: 2.143 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042376.D
Acq: 18 Jul 2024 17:47

Tgt Ion:105 Resp: 5104
Ion Ratio Lower Upper
105 100
120 45.1 38.4 57.6

