

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033377.D
 Acq On : 12 Dec 2022 16:14
 Operator : JC/MD
 Sample : N5939-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(DEC)

Quant Time: Dec 13 07:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

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

Internal Standards						
1) Bromochloromethane	4.904	128	12162	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	83631	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88743	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	33280	31.157	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	103.867%		
60) 4-Bromofluorobenzene	11.079	95	48214	29.334	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.767%		
63) Toluene-d8	8.647	98	88379	29.938	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.800%		
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.703	43	648	0.438	ug/l	96
15) Acetone	2.386	58	26843	145.361	ug/l	99
16) Carbon Disulfide	2.514	76	1837	0.651	ug/l	97
18) Methylene Chloride	2.788	84	543	0.446	ug/l	94
25) Chloroform	5.099	83	1676m	0.690	ug/l	
30) 2-Butanone	4.568	43	10948	13.856	ug/l #	96
58) 4-Methyl-2-Pentanone	8.574	43	4314	3.006	ug/l	91
62) Toluene	8.720	91	59208	10.992	ug/l	99
67) m/p-Xylenes	10.299	106	870	0.367	ug/l	89
80) 1,2,4-Trimethylbenzene	11.756	105	1301	0.257	ug/l	82
82) p-Isopropyltoluene	12.012	119	3254	0.621	ug/l	95

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

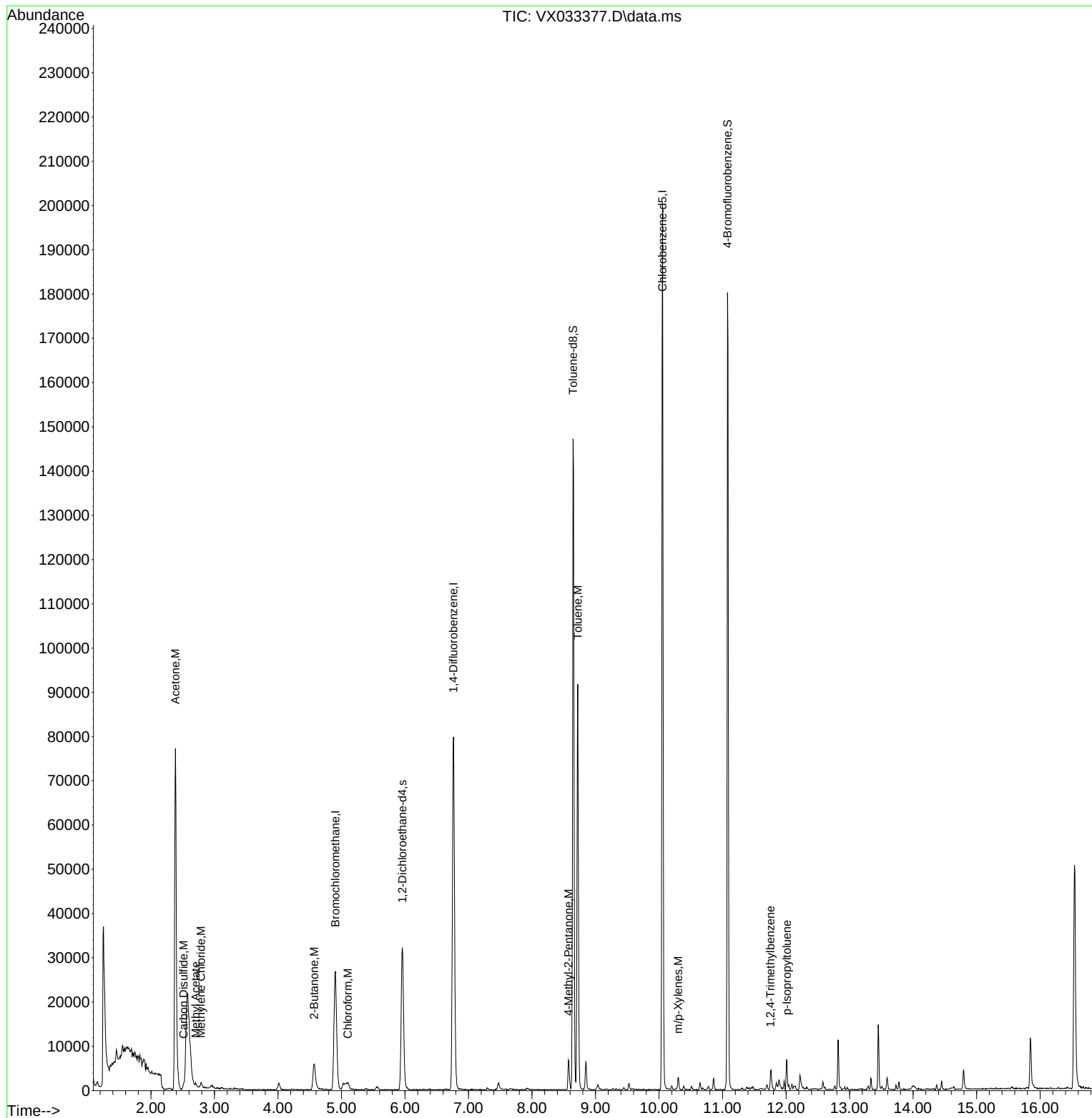
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
Data File : VX033377.D
Acq On : 12 Dec 2022 16:14
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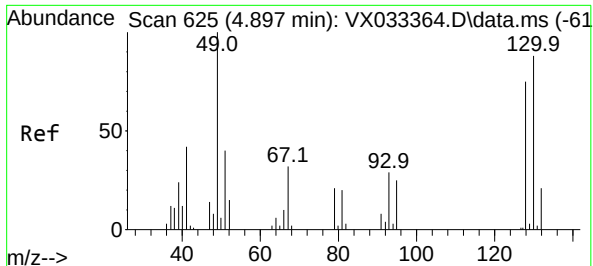
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)

Quant Time: Dec 13 07:31:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 12 12:37:35 2022
Response via : Initial Calibration

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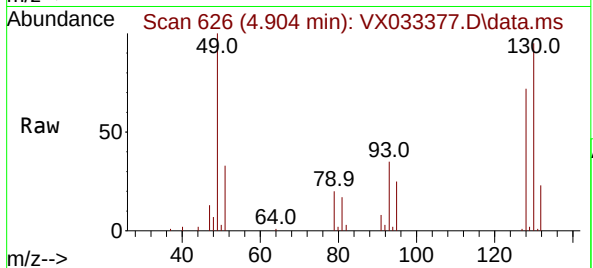
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

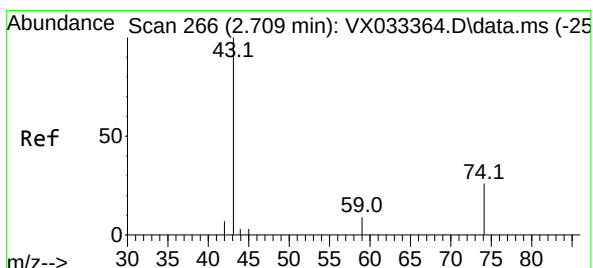
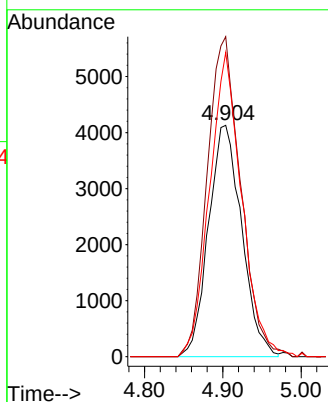
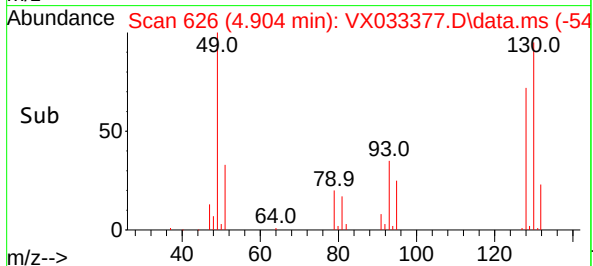
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)



Tgt Ion:128 Resp: 1216
Ion Ratio Lower Upper
128 100
49 139.5 0.0 339.5
130 127.2 0.0 318.0

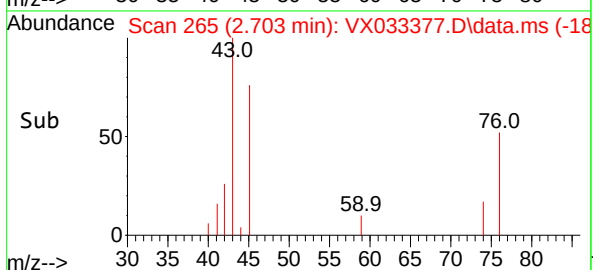
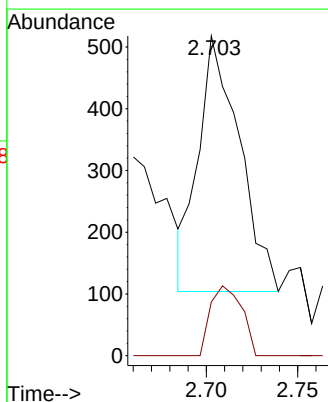
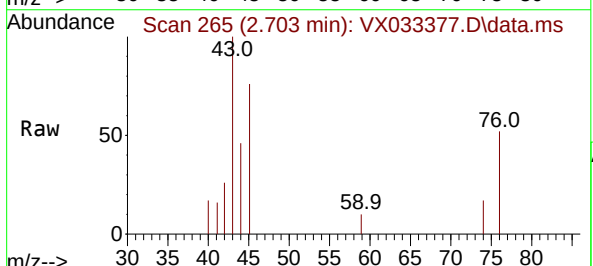
Manual Integrations
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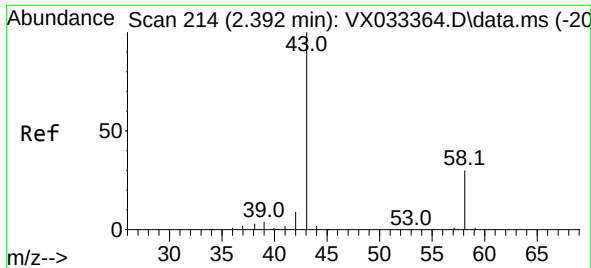
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
Methyl Acetate
Concen: 0.438 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
74 23.9 20.6 31.0





#15

Acetone

Concen: 145.361 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX033377.D

Acq: 12 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(DEC)

Tgt Ion: 58 Resp: 2684

Ion Ratio Lower Upper

58 100

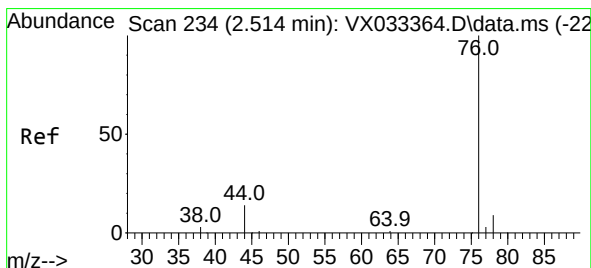
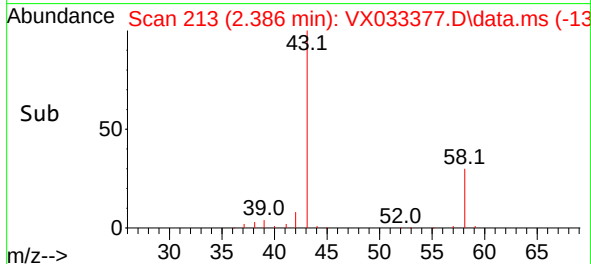
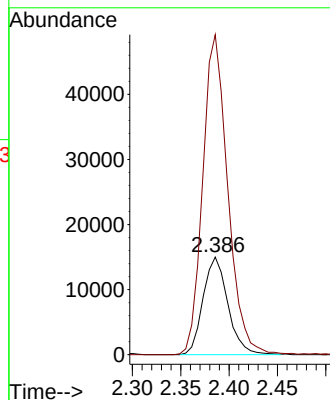
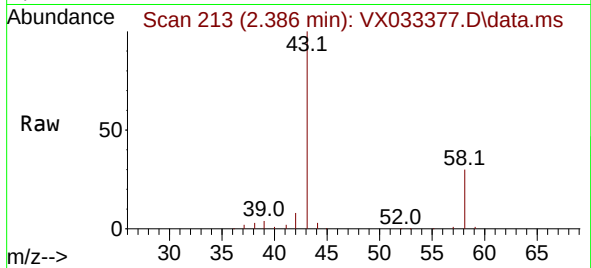
43 326.9 262.9 394.3

Manual Integrations

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#16

Carbon Disulfide

Concen: 0.651 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033377.D

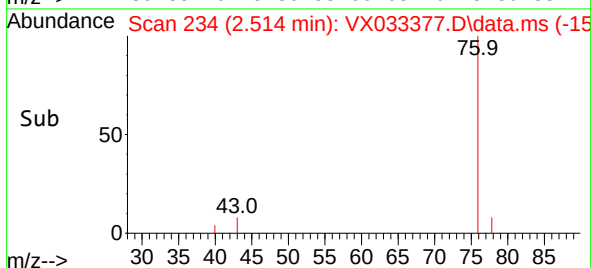
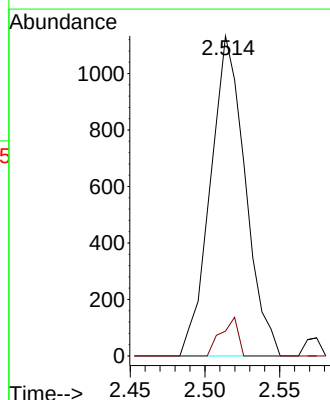
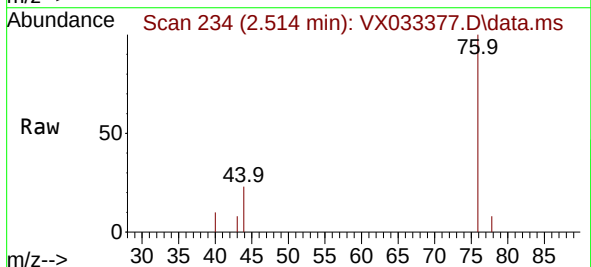
Acq: 12 Dec 2022 16:14

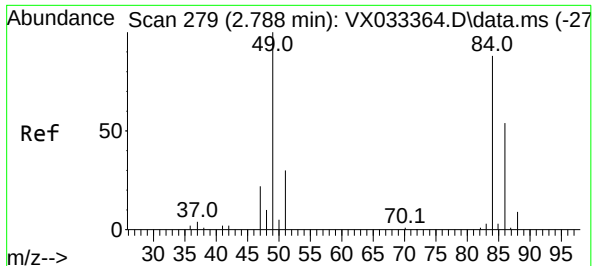
Tgt Ion: 76 Resp: 1837

Ion Ratio Lower Upper

76 100

78 7.8 7.0 10.4





#18

Methylene Chloride

Concen: 0.446 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033377.D

Acq: 12 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(DEC)

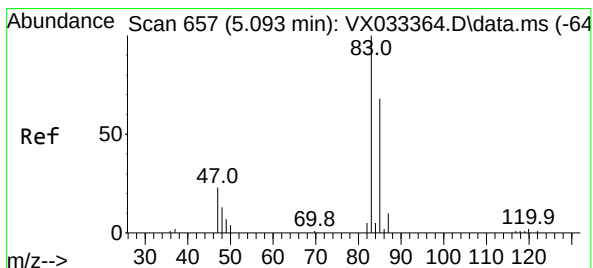
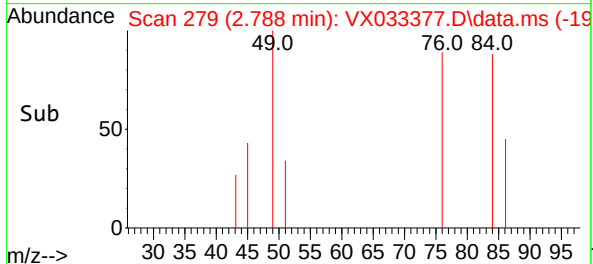
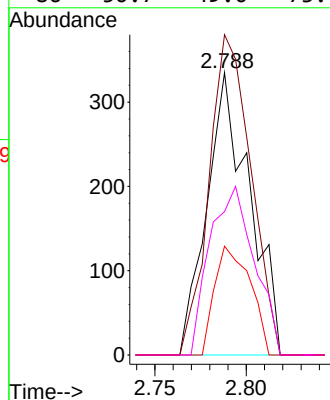
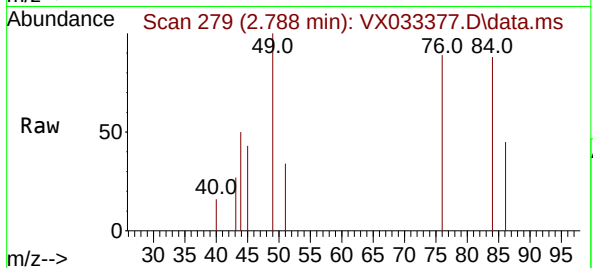
Tgt Ion:	84	Resp:	54
Ion	Ratio	Lower	Upper
84	100		
49	113.4	91.2	136.8
51	38.5	27.3	40.9
86	50.7	49.0	73.4

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Supervised By :Mahesh Dadoda 12/13/2022



#25

Chloroform

Concen: 0.690 ug/l m

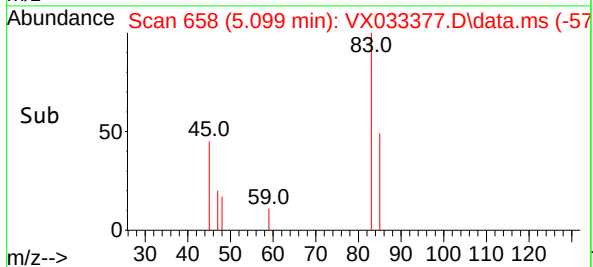
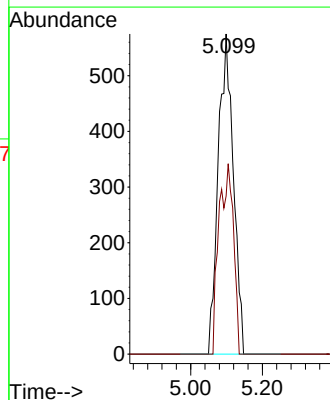
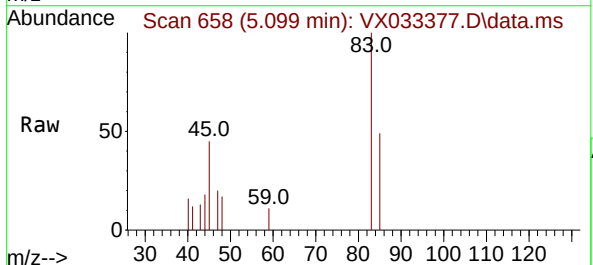
RT: 5.099 min Scan# 658

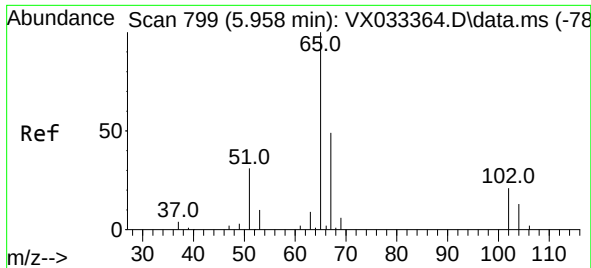
Delta R.T. 0.006 min

Lab File: VX033377.D

Acq: 12 Dec 2022 16:14

Tgt Ion:	83	Resp:	1676
Ion	Ratio	Lower	Upper
83	100		
85	49.4	54.2	81.2





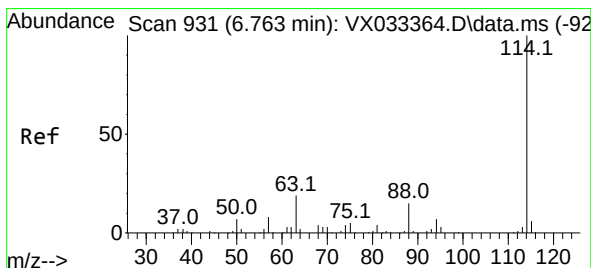
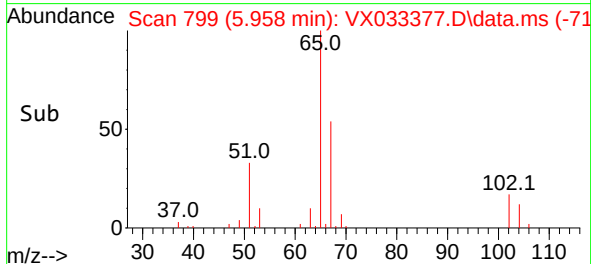
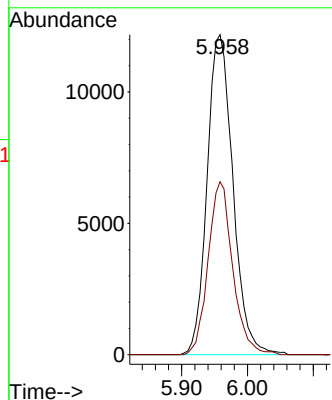
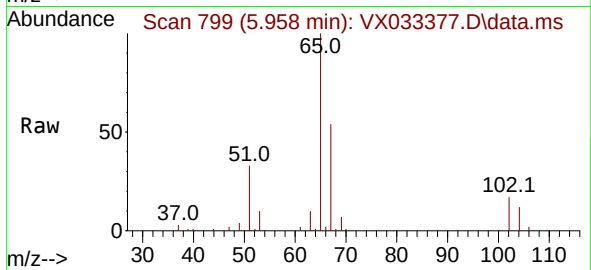
#27
1,2-Dichloroethane-d4
Concen: 31.157 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)

Tgt Ion: 65 Resp: 33280
Ion Ratio Lower Upper
65 100
67 51.3 39.8 59.8

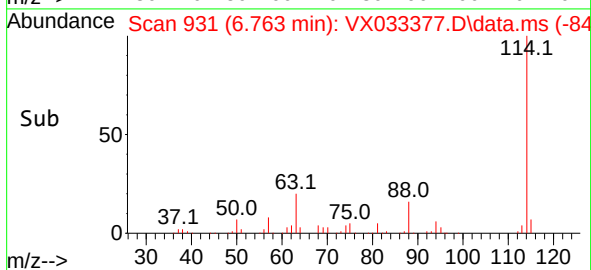
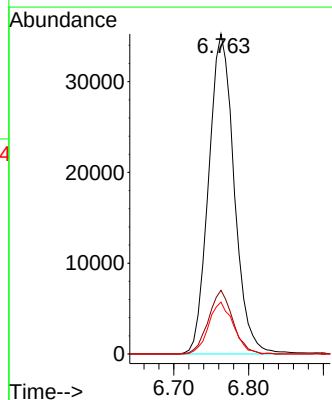
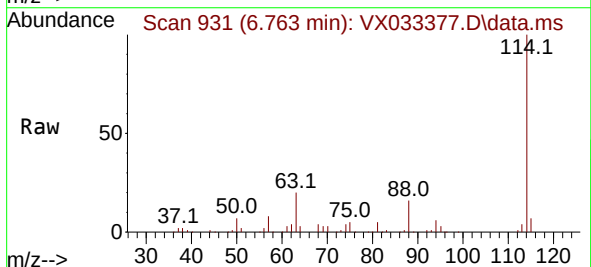
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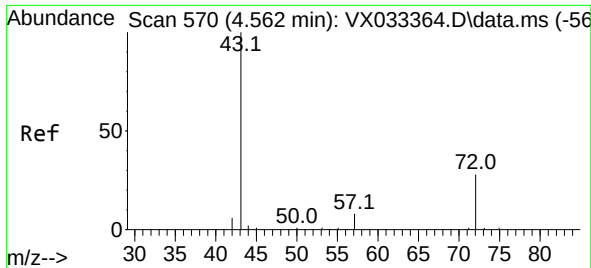
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

Tgt Ion:114 Resp: 83631
Ion Ratio Lower Upper
114 100
63 19.0 15.2 22.8
88 15.8 12.2 18.4





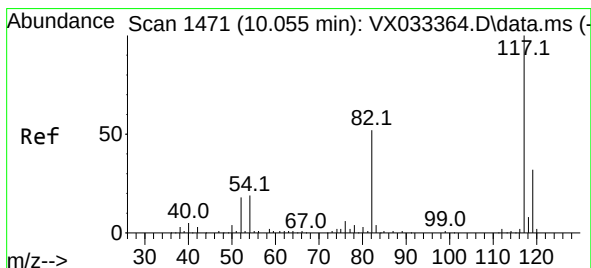
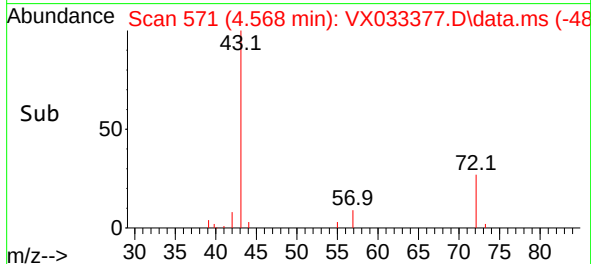
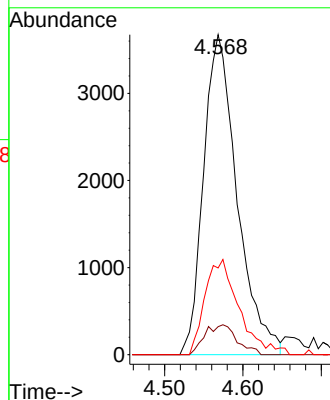
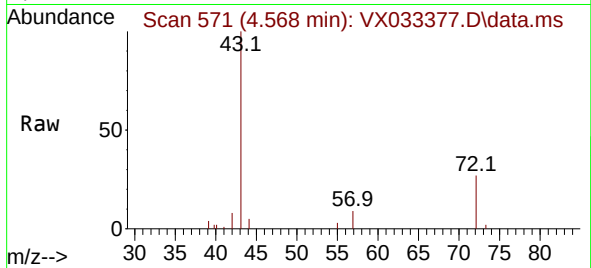
#30
2-Butanone
Concen: 13.856 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)

Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
57 4.0 6.6 9.8
72 29.1 22.5 33.7

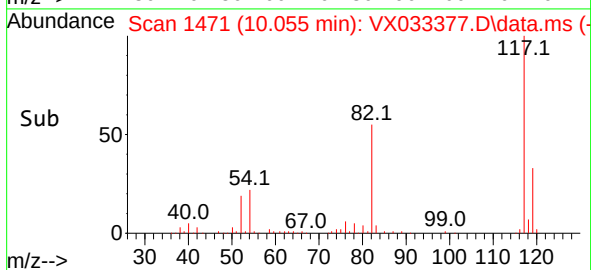
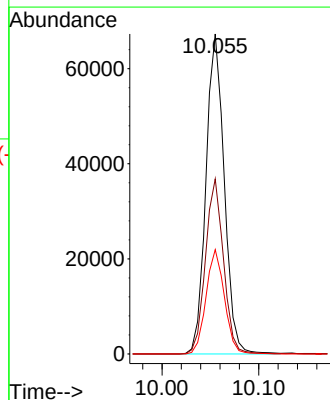
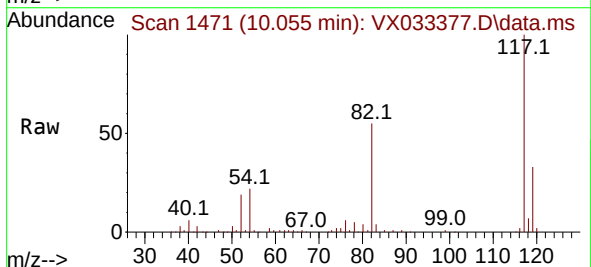
Manual Integrations
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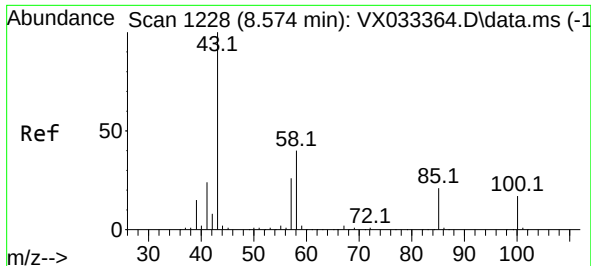
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

Tgt Ion:117 Resp: 88743
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.8 25.6 38.4





#58

4-Methyl-2-Pentanone

Concen: 3.006 ug/l

RT: 8.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033377.D

Acq: 12 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(DEC)

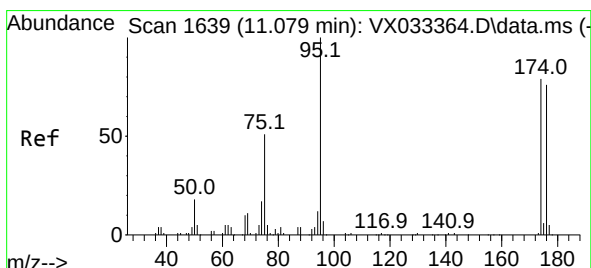
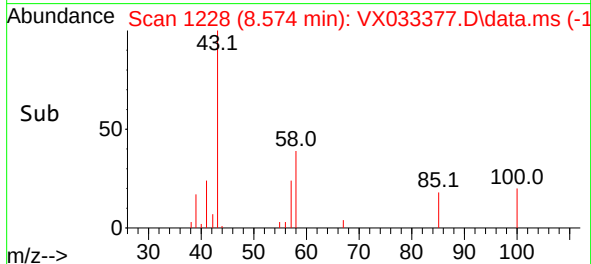
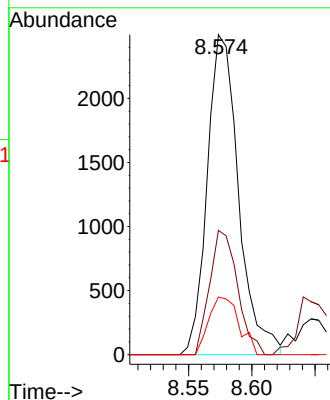
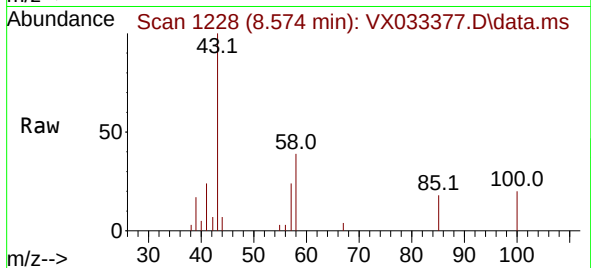
Tgt Ion: 43	Resp: 4314
Ion Ratio	Lower Upper
43 100	
58 34.6	32.3 48.5
85 17.3	16.6 24.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/13/2022



#60

4-Bromofluorobenzene

Concen: 29.334 ug/l

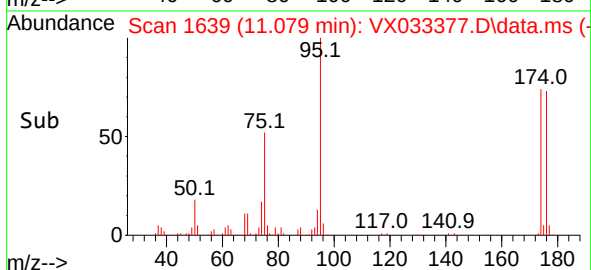
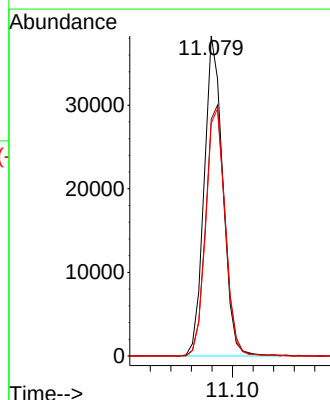
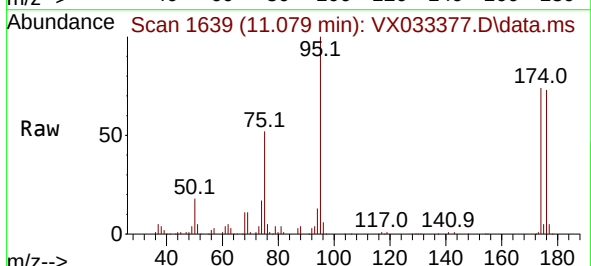
RT: 11.079 min Scan# 1639

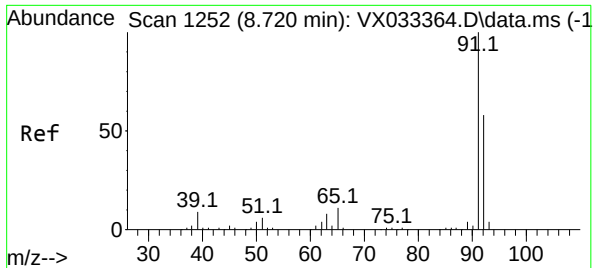
Delta R.T. 0.000 min

Lab File: VX033377.D

Acq: 12 Dec 2022 16:14

Tgt Ion: 95	Resp: 48214
Ion Ratio	Lower Upper
95 100	
174 82.1	65.9 98.9
176 79.8	63.3 94.9





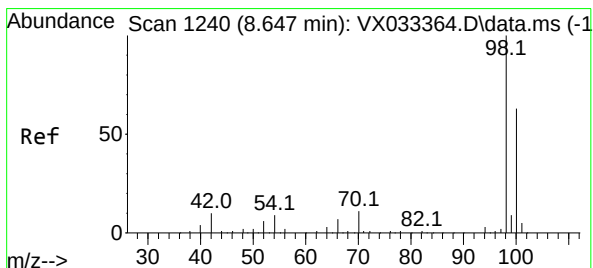
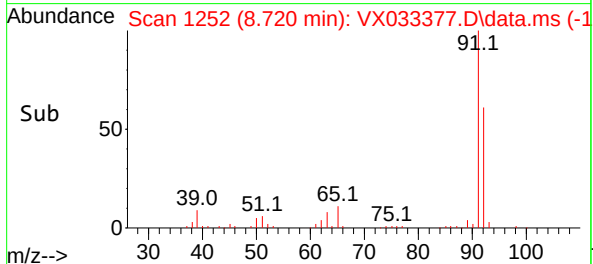
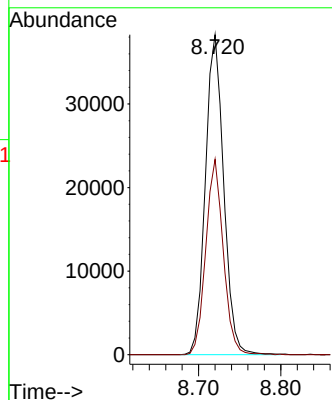
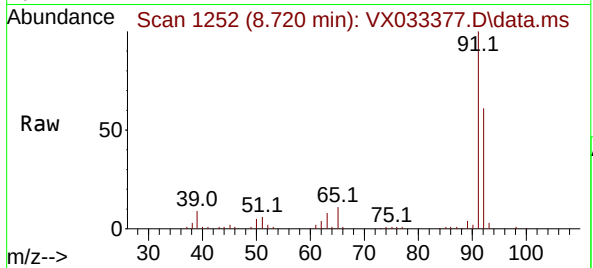
#62
Toluene
Concen: 10.992 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)

Tgt Ion: 91 Resp: 59208
Ion Ratio Lower Upper
91 100
92 58.2 46.2 69.2

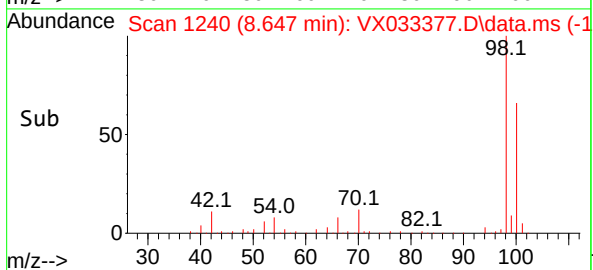
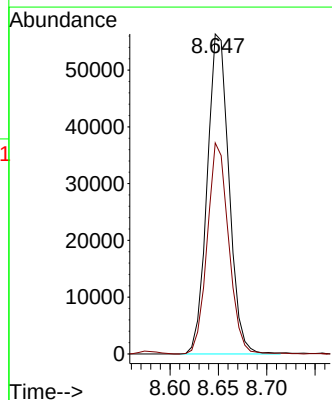
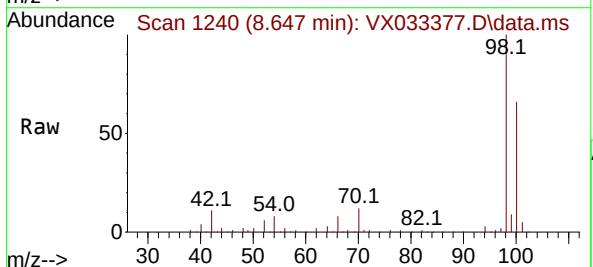
Manual Integrations
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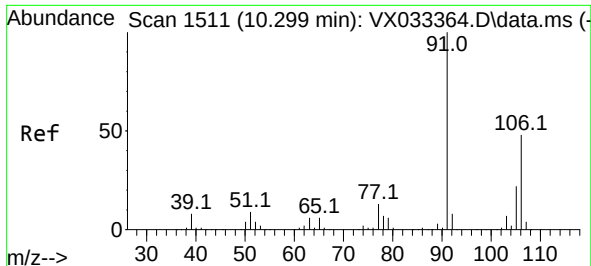
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#63
Toluene-d8
Concen: 29.938 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

Tgt Ion: 98 Resp: 88379
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2





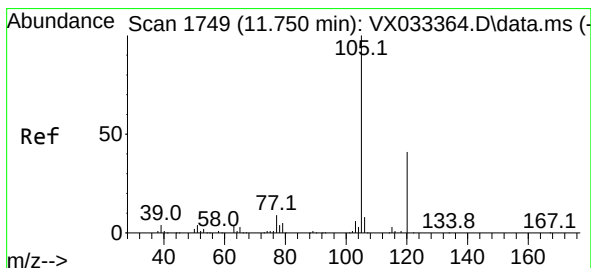
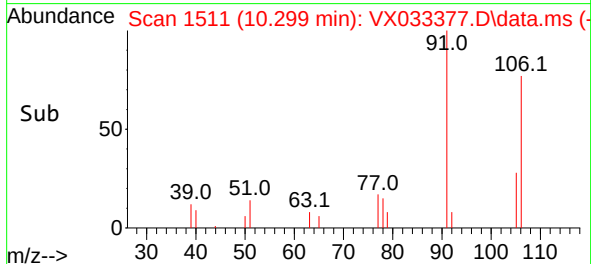
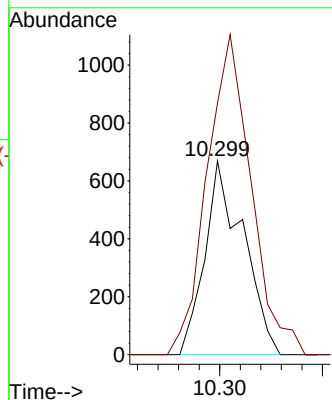
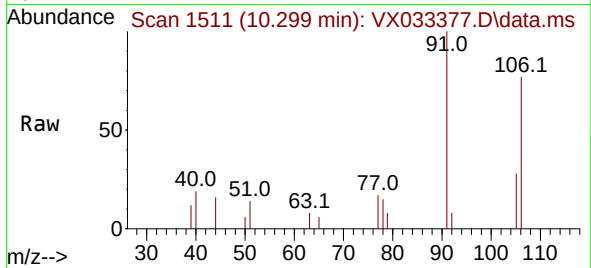
#67
m/p-Xylenes
Concen: 0.367 ug/l
RT: 10.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(DEC)

Tgt Ion:106 Resp: 870
Ion Ratio Lower Upper
106 100
91 189.1 165.4 248.2

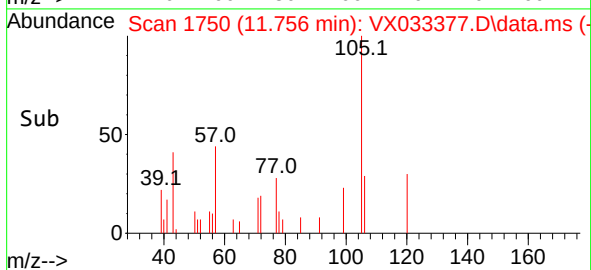
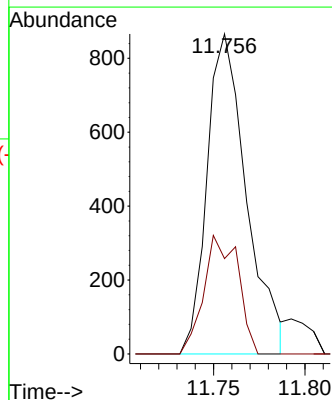
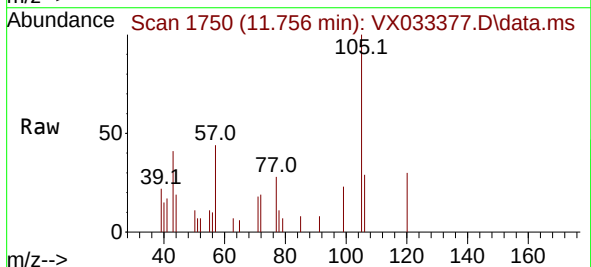
Manual Integrations
APPROVED

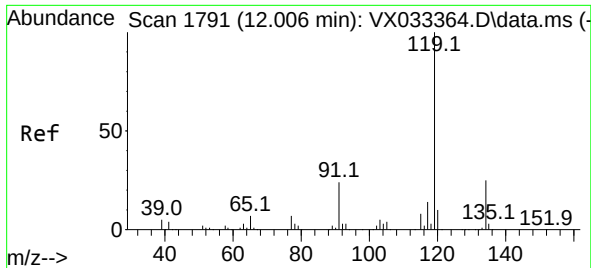
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#80
1,2,4-Trimethylbenzene
Concen: 0.257 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033377.D
Acq: 12 Dec 2022 16:14

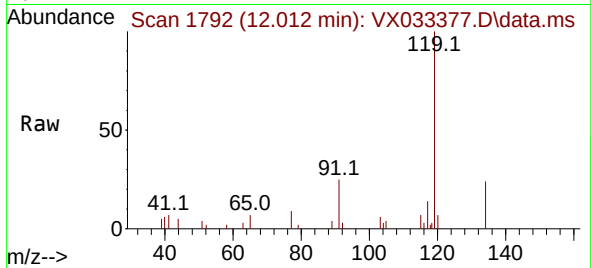
Tgt Ion:105 Resp: 1301
Ion Ratio Lower Upper
105 100
120 32.1 0.0 86.8





#82
 p-Isopropyltoluene
 Concen: 0.621 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033377.D
 Acq: 12 Dec 2022 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(DEC)



Tgt Ion:119 Resp: 3254
 Ion Ratio Lower Upper
 119 100
 134 27.5 0.0 52.6
 91 27.0 0.0 47.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

