

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033527.D
 Acq On : 21 Dec 2022 12:02
 Operator : JC/MD
 Sample : N6149-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MAH-1RE

Quant Time: Dec 22 03:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	157307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	215645	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.073	117	202482	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.061	152	43756	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.977	65	39639	39.278	ug/l	0.02
Spiked Amount 50.000	Range 78 - 117		Recovery = 78.560%			
35) Dibromofluoromethane	5.404	113	49481	51.015	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.665	98	89700	44.208	ug/l	0.01
Spiked Amount 50.000	Range 92 - 112		Recovery = 88.420%#			
62) 4-Bromofluorobenzene	11.104	95	84752	54.628	ug/l	0.02
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.260%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.020	59	397207m	1287.381	ug/l	
16) Acetone	2.392	43	945802	1266.533	ug/l	94
18) Methyl Acetate	2.709	43	145392	67.256	ug/l #	88
20) Methylene Chloride	2.794	84	11961	7.182	ug/l #	84
25) 2-Butanone	4.574	43	425636	397.078	ug/l	94
40) Benzene	6.050	78	5894	1.069	ug/l	95
49) 1,4-Dioxane	7.769	88	54225	1601.946	ug/l #	79
51) 4-Methyl-2-Pentanone	8.604	43	390990	214.963	ug/l	100
52) Toluene	8.732	92	68343	19.171	ug/l	99
67) Ethyl Benzene	10.214	91	31803	4.452	ug/l	97
68) m/p-Xylenes	10.317	106	57078	20.537	ug/l	96
69) o-Xylene	10.665	106	40288	14.666	ug/l	97
73) Isopropylbenzene	10.982	105	7596	2.395	ug/l	99
80) 1,3,5-Trimethylbenzene	11.482	105	22526	8.533	ug/l	98

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

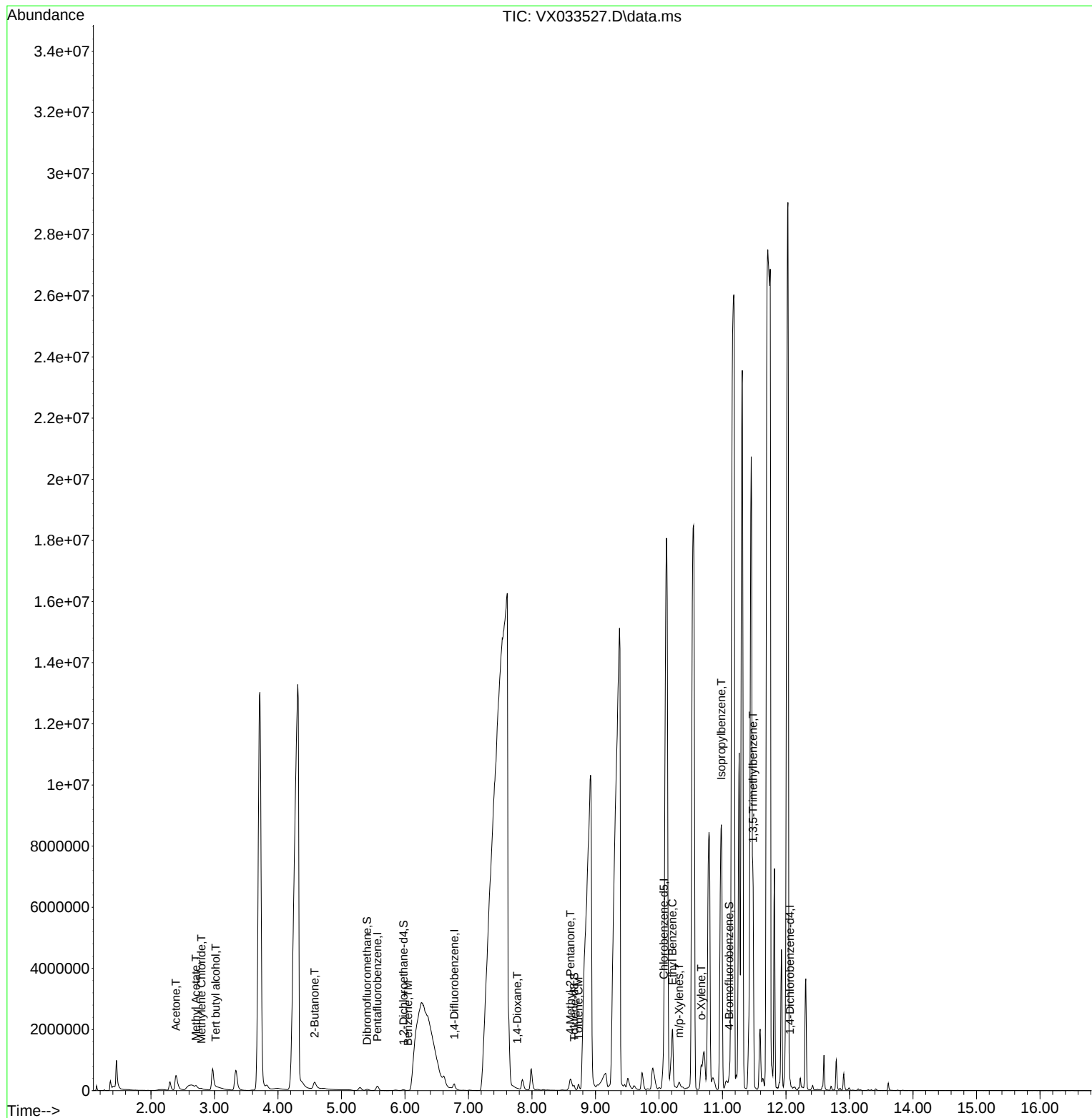
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
Data File : VX033527.D
Acq On : 21 Dec 2022 12:02
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Quant Time: Dec 22 03:56:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

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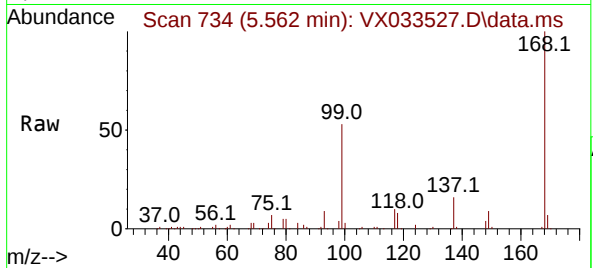
Reviewed By : John Carlone 12/22/2022
Supervised By : Mahesh Dadoda 12/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

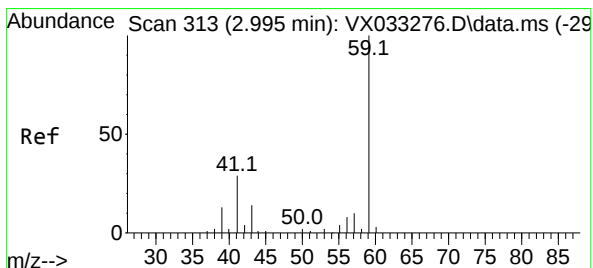
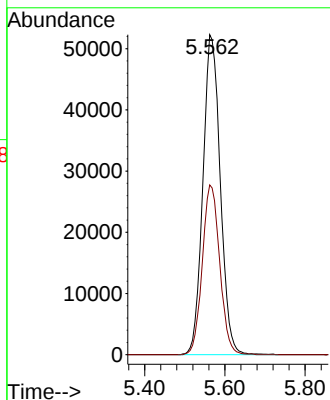
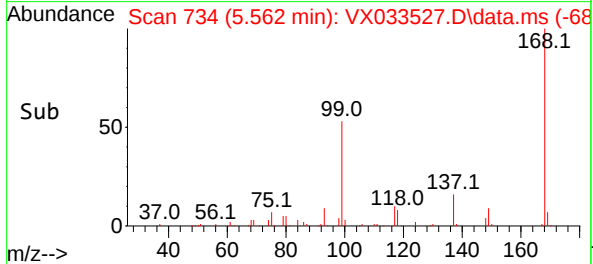
Instrument :
MSVOA_X
ClientSampleId :
MAH-1RE



Tgt Ion:168 Resp: 15730
Ion Ratio Lower Upper
168 100
99 53.0 46.1 69.1

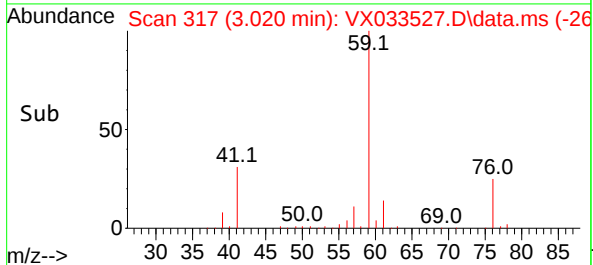
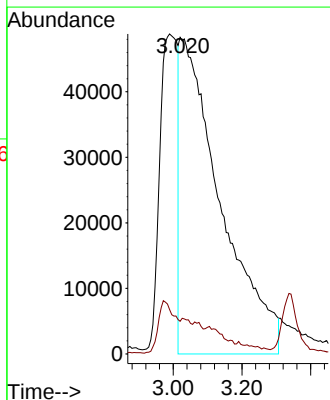
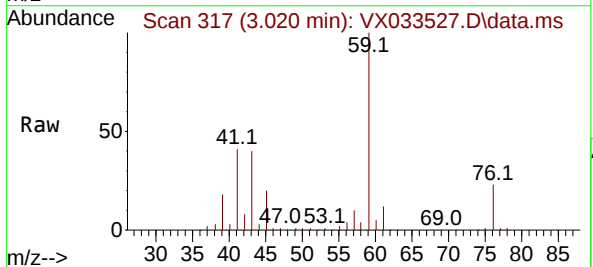
Manual Integrations
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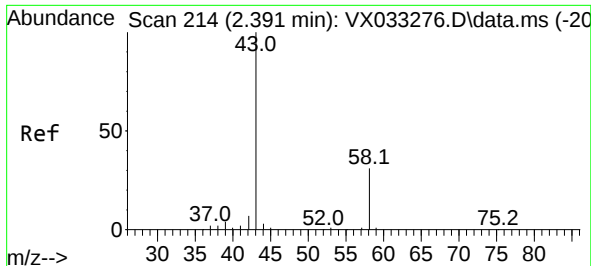
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#11
Tert butyl alcohol
Concen: 1287.381 ug/l m
RT: 3.020 min Scan# 317
Delta R.T. 0.025 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

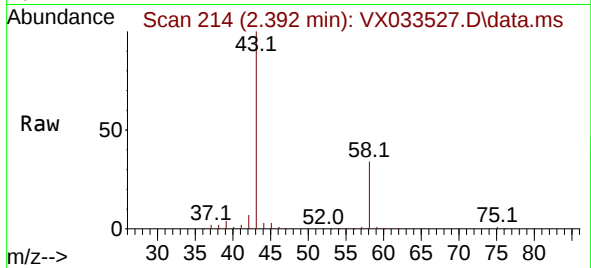
Tgt Ion: 59 Resp: 397207
Ion Ratio Lower Upper
59 100
57 7.0 8.2 12.4#





#16
Acetone
Concen: 1266.533 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

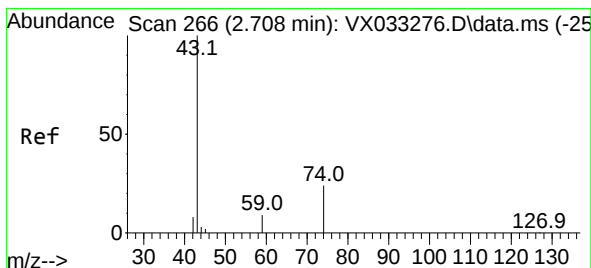
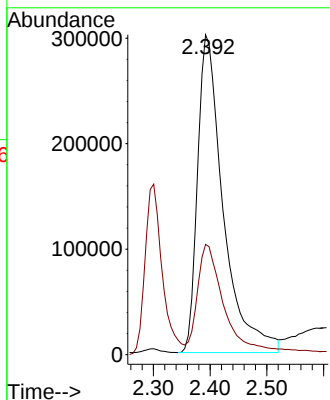
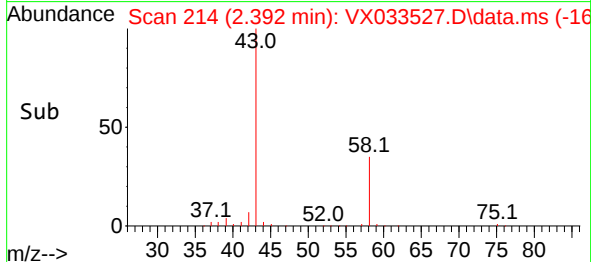
Instrument :
MSVOA_X
Client SampleId :
MAH-1RE



Tgt Ion: 43 Resp: 94580
Ion Ratio Lower Upper
43 100
58 32.9 23.8 35.8

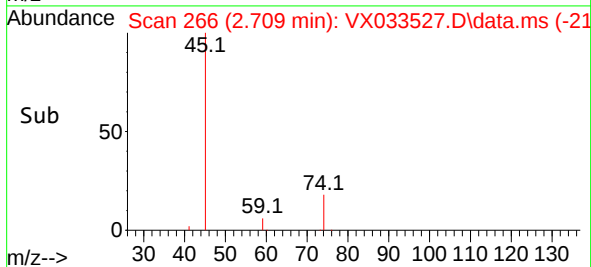
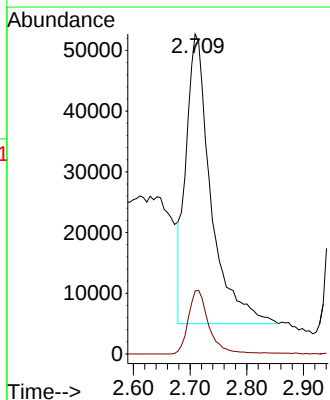
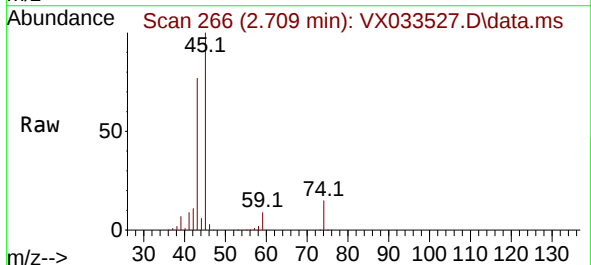
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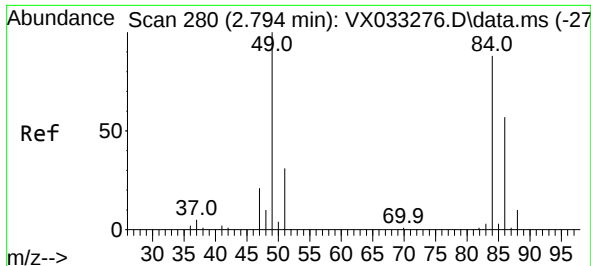
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#18
Methyl Acetate
Concen: 67.256 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

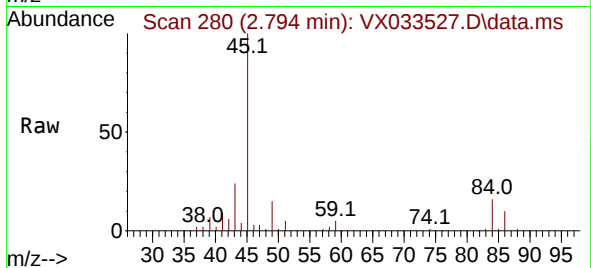
Tgt Ion: 43 Resp: 145392
Ion Ratio Lower Upper
43 100
74 18.3 19.4 29.0





#20
Methylene Chloride
Concen: 7.182 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

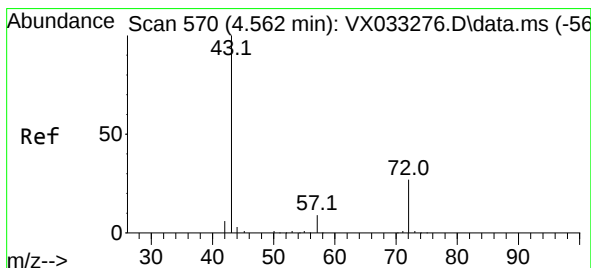
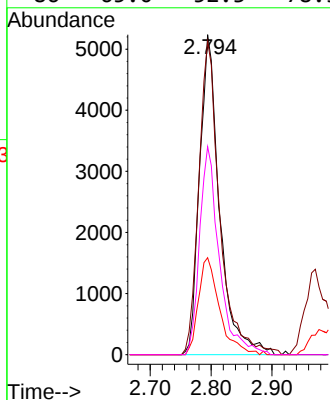
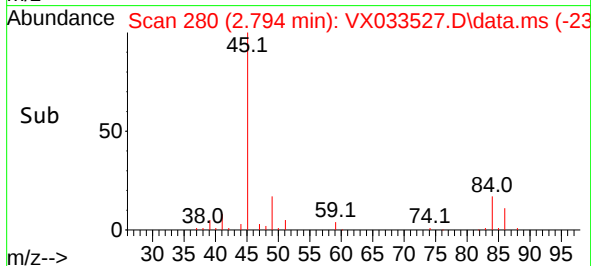
Instrument :
MSVOA_X
ClientSampleId :
MAH-1RE



Tgt Ion: 84 Resp: 1196
Ion Ratio Lower Upper
84 100
49 97.9 101.0 151.6
51 30.3 31.1 46.7
86 65.0 52.3 78.5

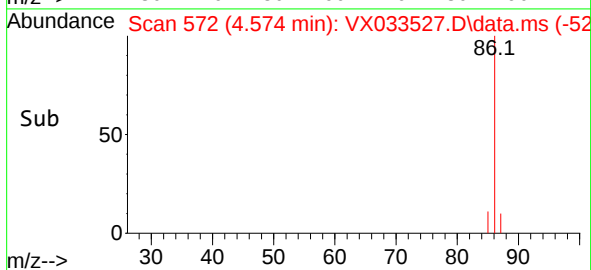
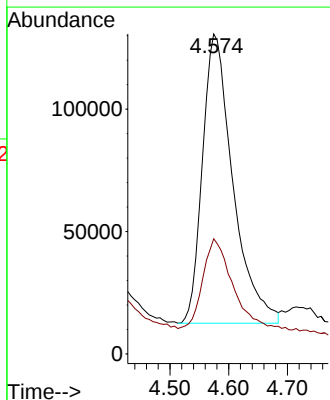
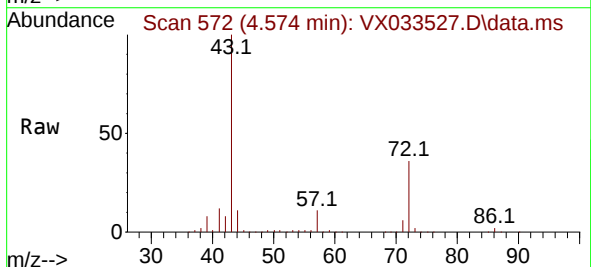
Manual Integrations
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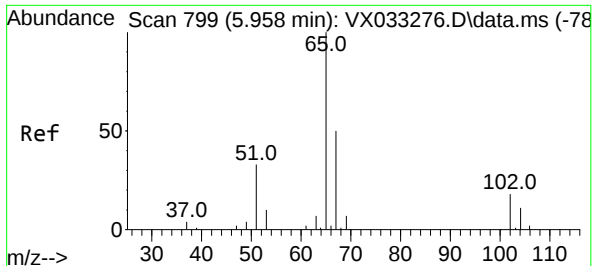
Reviewed By :John Carlone 12/22/2022
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#25
2-Butanone
Concen: 397.078 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.013 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

Tgt Ion: 43 Resp: 425636
Ion Ratio Lower Upper
43 100
72 31.0 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 39.278 ug/l

RT: 5.977 min Scan# 80

Delta R.T. 0.019 min

Lab File: VX033527.D

Acq: 21 Dec 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

MAH-1RE

Tgt Ion: 65 Resp: 39639

Ion Ratio Lower Upper

65 100

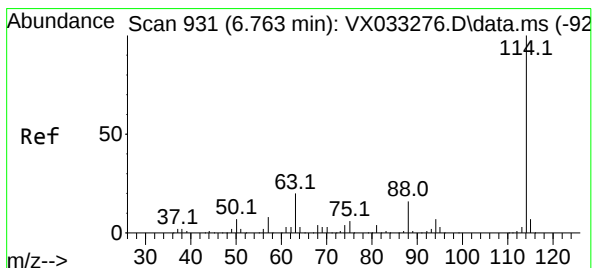
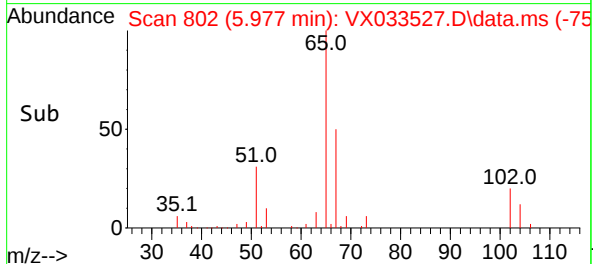
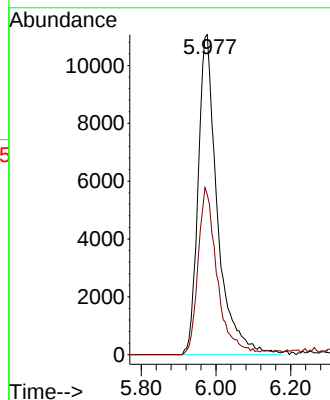
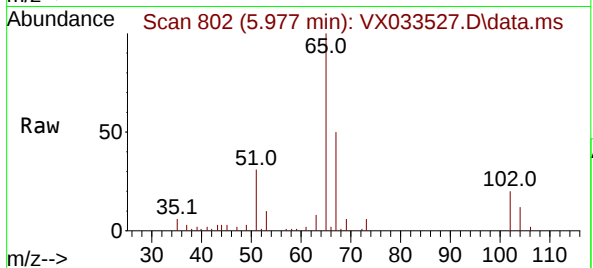
67 51.8 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.013 min

Lab File: VX033527.D

Acq: 21 Dec 2022 12:02

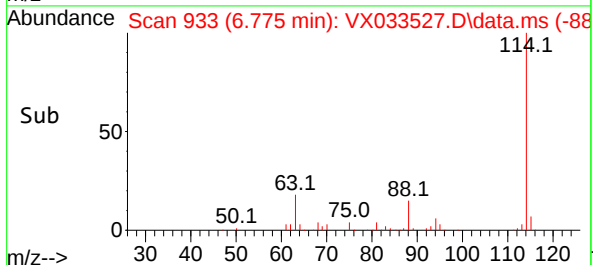
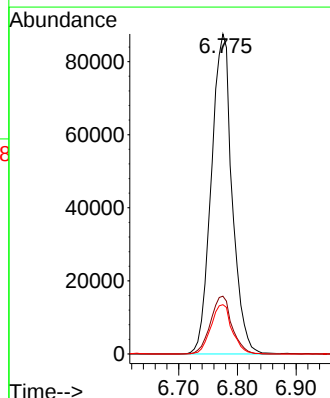
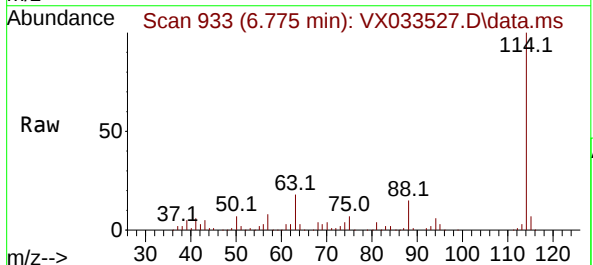
Tgt Ion:114 Resp: 215645

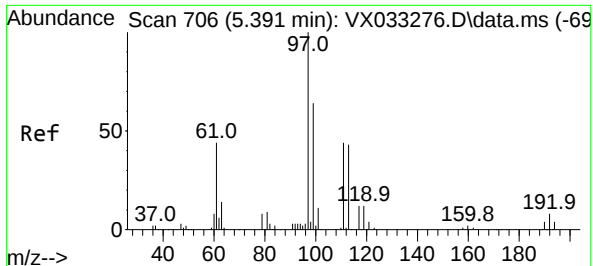
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.015 ug/l

RT: 5.404 min Scan# 706

Delta R.T. 0.013 min

Lab File: VX033527.D

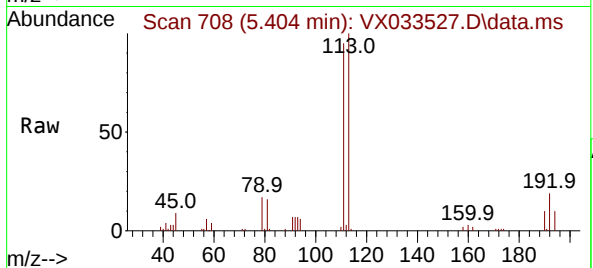
Acq: 21 Dec 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

MAH-1RE



Tgt Ion: 113 Resp: 4948

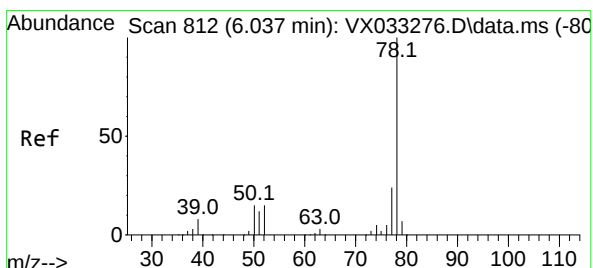
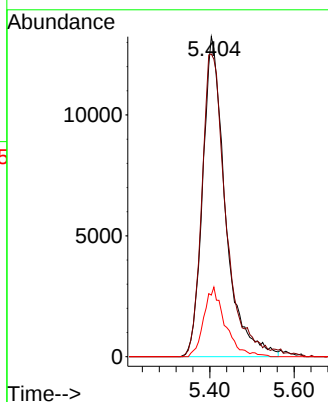
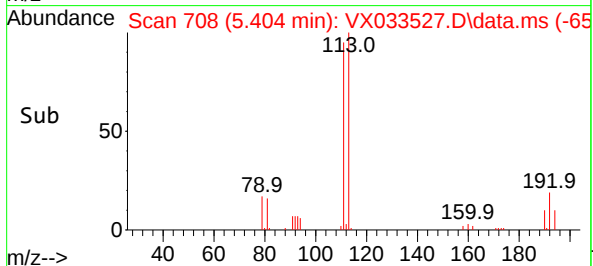
Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.4	123.6
192	20.6	15.4	23.2

Manual Integrations

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Supervised By :Mahesh Dadoda 12/22/2022



#40

Benzene

Concen: 1.069 ug/l

RT: 6.050 min Scan# 814

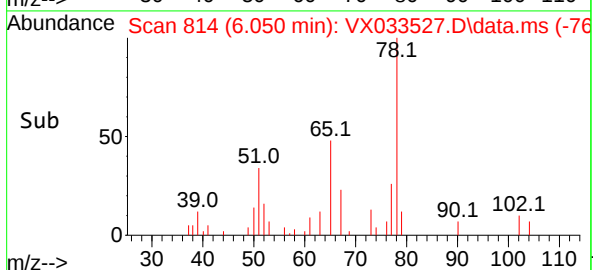
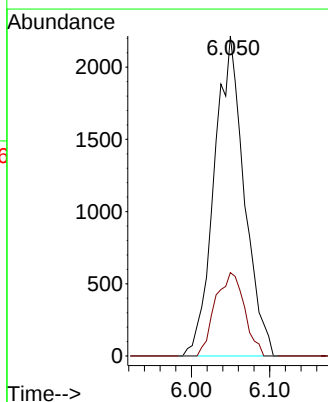
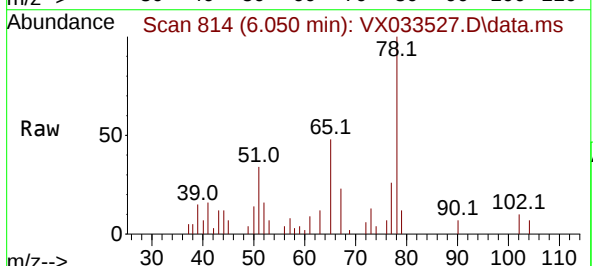
Delta R.T. 0.013 min

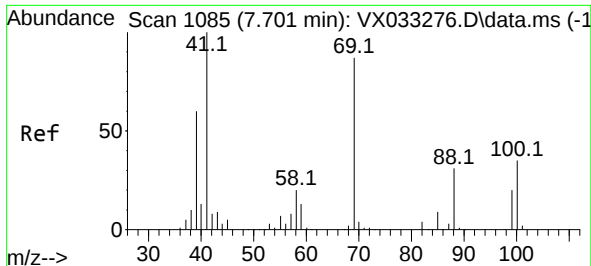
Lab File: VX033527.D

Acq: 21 Dec 2022 12:02

Tgt Ion: 78 Resp: 5894

Ion	Ratio	Lower	Upper
78	100		
77	26.1	19.0	28.4





#49

1,4-Dioxane

Concen: 1601.946 ug/l

RT: 7.769 min Scan# 1085

Delta R.T. 0.067 min

Lab File: VX033527.D

Acq: 21 Dec 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

MAH-1RE

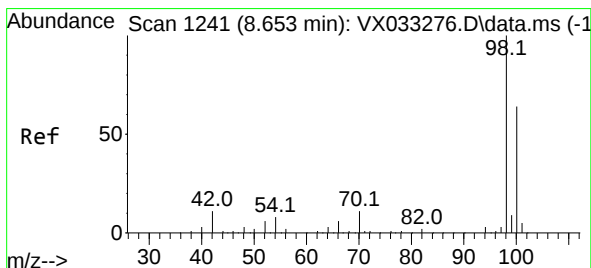
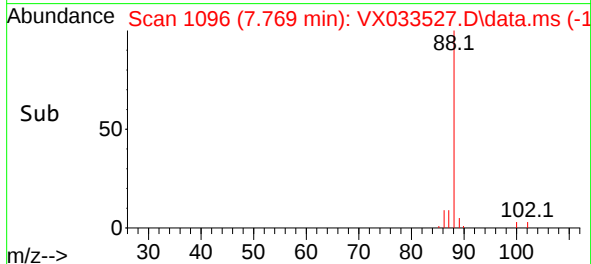
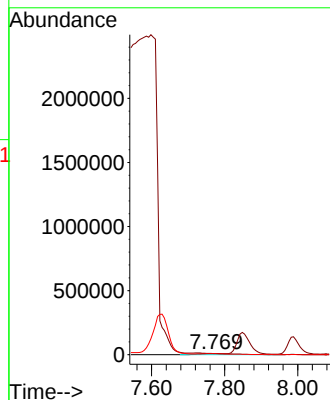
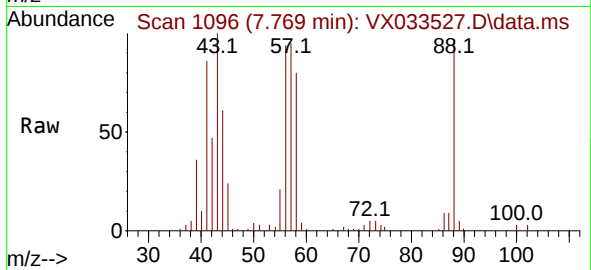
Tgt Ion: 88 Resp: 54225
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8
 58 66.4 51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#50

Toluene-d8

Concen: 44.208 ug/l

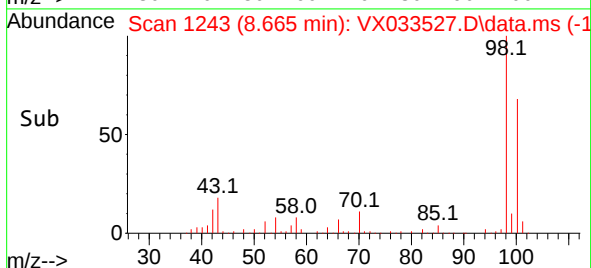
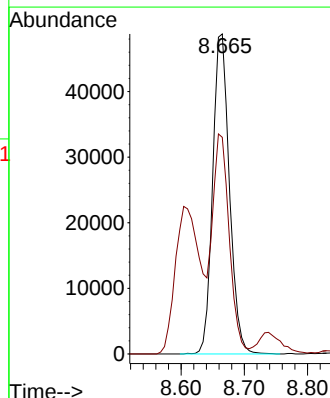
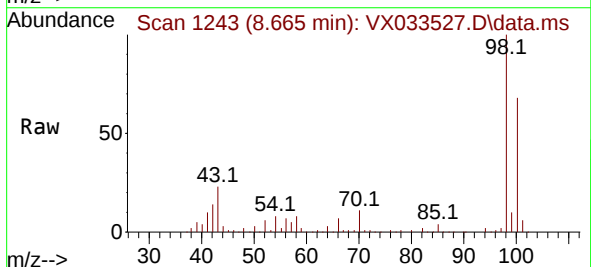
RT: 8.665 min Scan# 1243

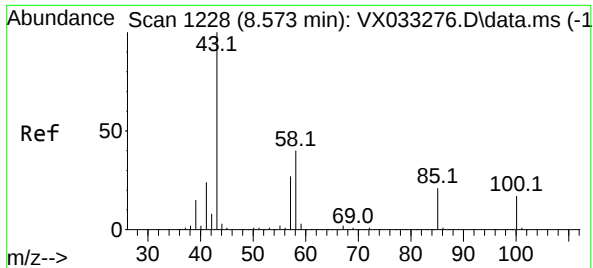
Delta R.T. 0.013 min

Lab File: VX033527.D

Acq: 21 Dec 2022 12:02

Tgt Ion: 98 Resp: 89700
 Ion Ratio Lower Upper
 98 100
 100 68.2 50.9 76.3





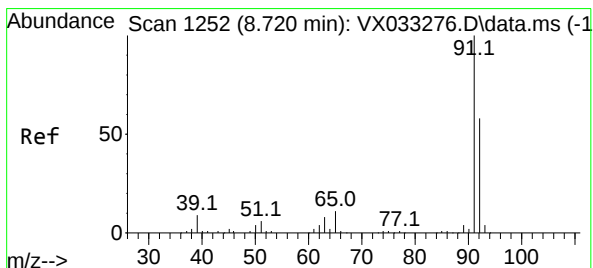
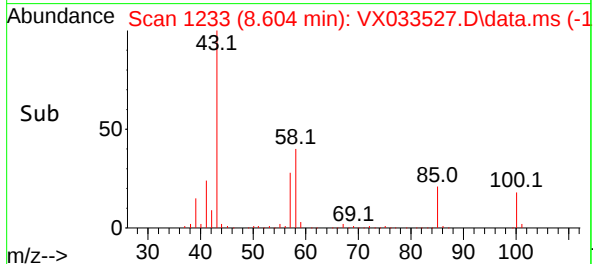
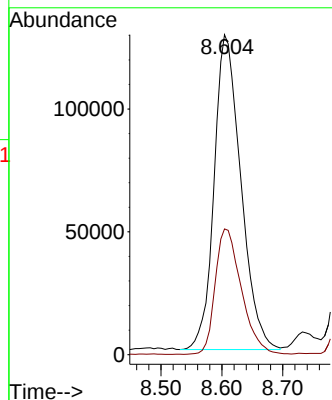
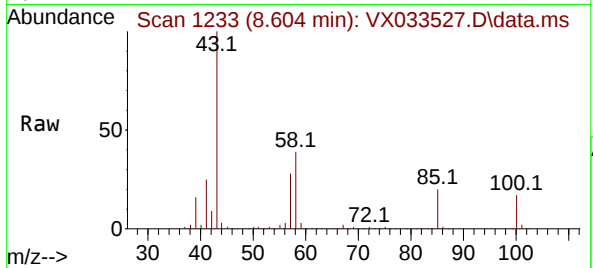
#51
4-Methyl-2-Pentanone
Concen: 214.963 ug/l
RT: 8.604 min Scan# 1233
Delta R.T. 0.031 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :
MAH-1RE

Tgt Ion: 43 Resp: 390990
Ion Ratio Lower Upper
43 100
58 38.9 30.9 46.3

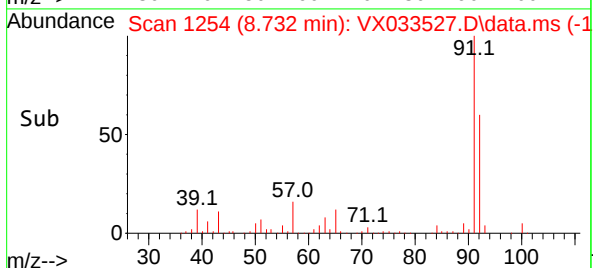
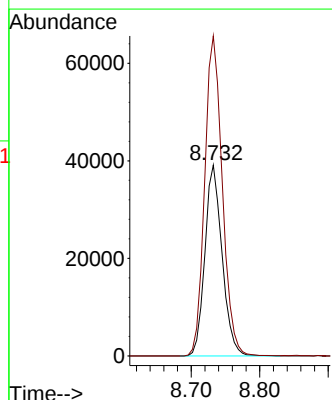
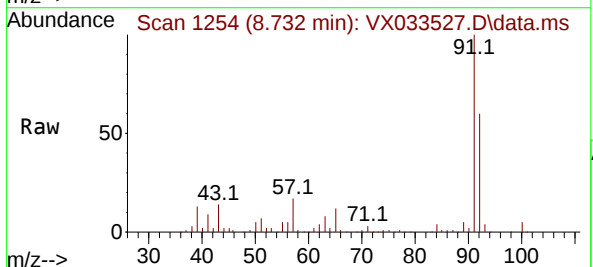
Manual Integrations
APPROVED

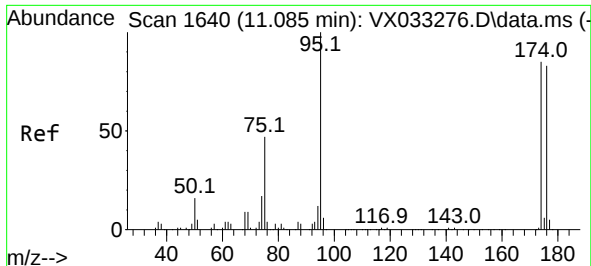
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 19.171 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.013 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

Tgt Ion: 92 Resp: 68343
Ion Ratio Lower Upper
92 100
91 171.8 138.3 207.5





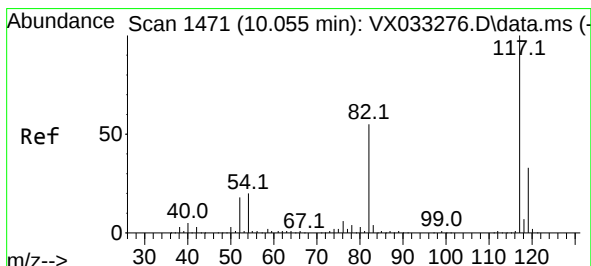
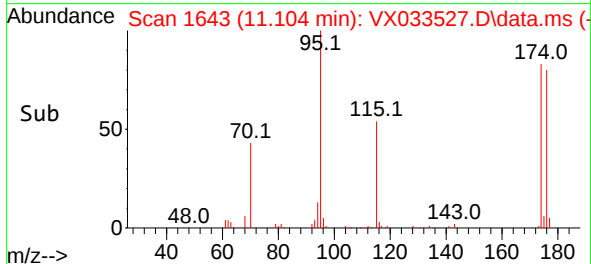
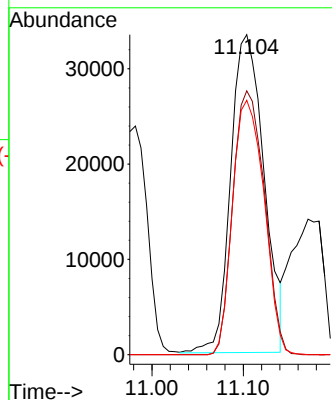
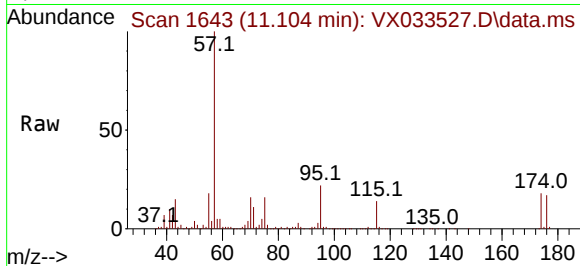
#62
4-Bromofluorobenzene
Concen: 54.628 ug/l
RT: 11.104 min Scan# 1643
Delta R.T. 0.019 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :
MAH-1RE

Tgt Ion: 95 Resp: 84752
Ion Ratio Lower Upper
95 100
174 78.3 0.0 164.0
176 75.6 0.0 154.4

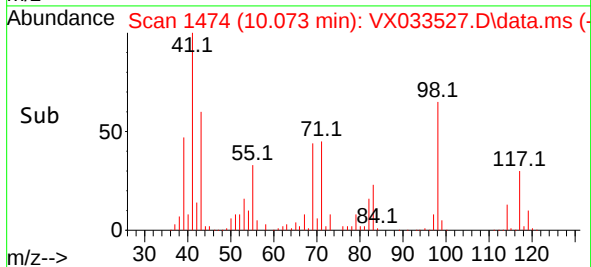
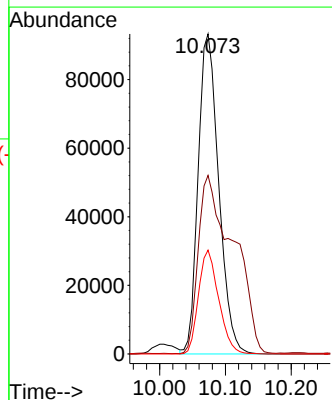
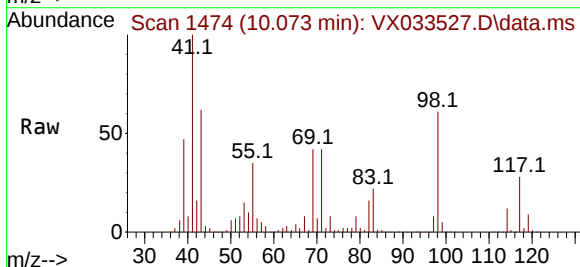
Manual Integrations
APPROVED

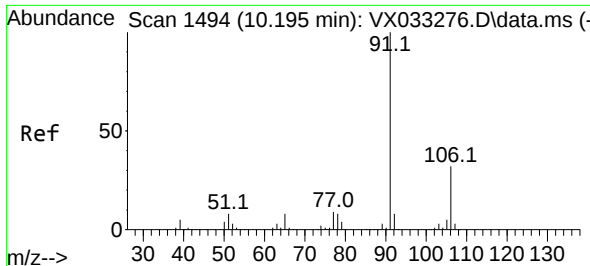
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.019 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

Tgt Ion:117 Resp: 202482
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.5 25.7 38.5





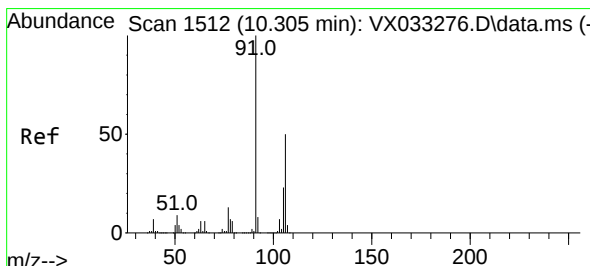
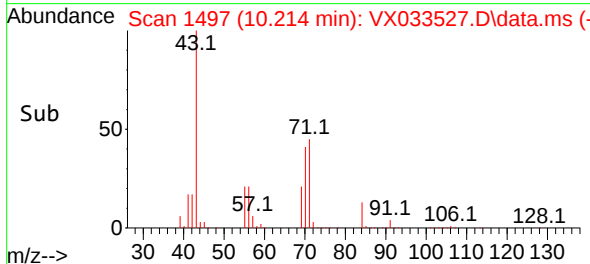
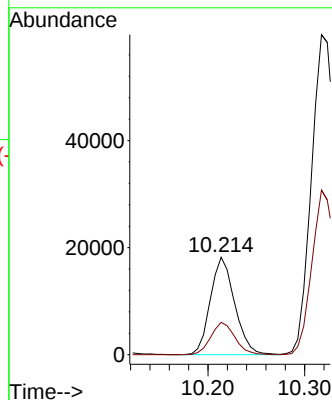
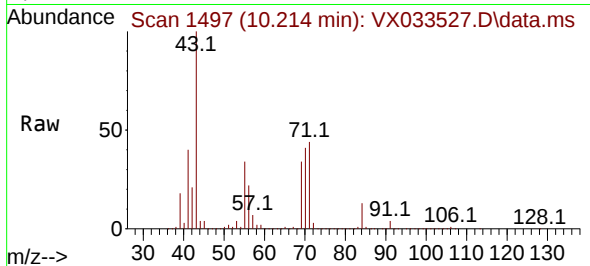
#67
Ethyl Benzene
Concen: 4.452 ug/l
RT: 10.214 min Scan# 1497
Delta R.T. 0.019 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :
MAH-1RE

Tgt Ion: 91 Resp: 3180
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6

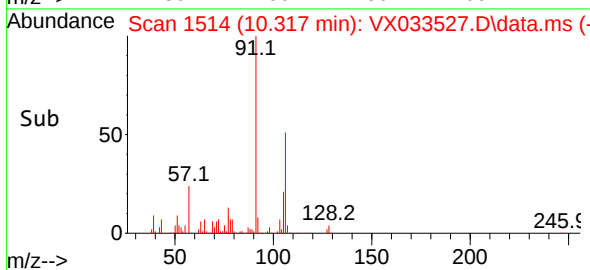
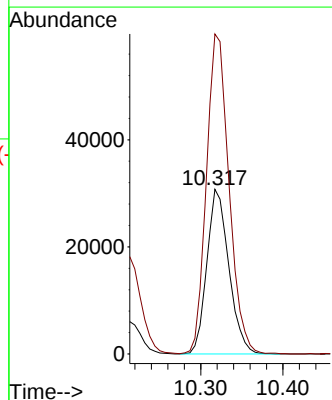
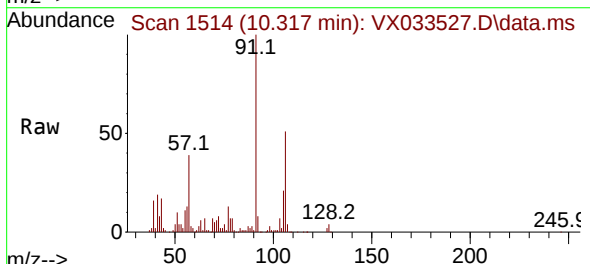
Manual Integrations
APPROVED

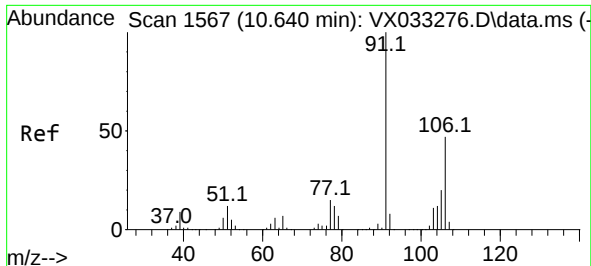
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#68
m/p-Xylenes
Concen: 20.537 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.013 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

Tgt Ion:106 Resp: 57078
Ion Ratio Lower Upper
106 100
91 199.8 164.5 246.7





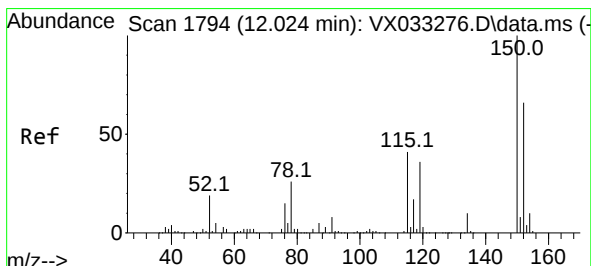
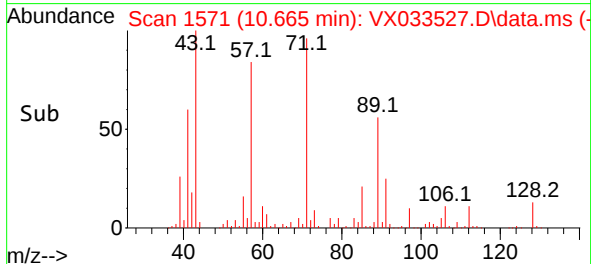
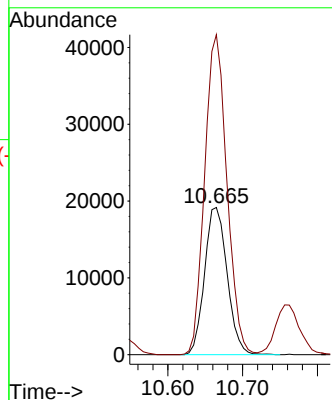
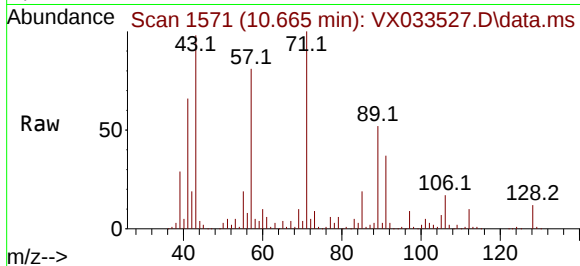
#69
o-Xylene
Concen: 14.666 ug/l
RT: 10.665 min Scan# 11
Delta R.T. 0.025 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :
MAH-1RE

Tgt Ion:106 Resp: 40288
Ion Ratio Lower Upper
106 100
91 214.3 109.2 327.6

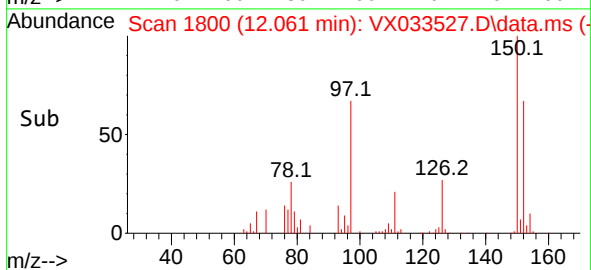
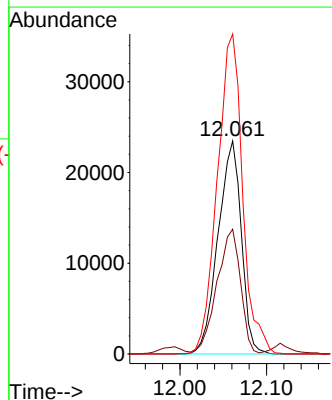
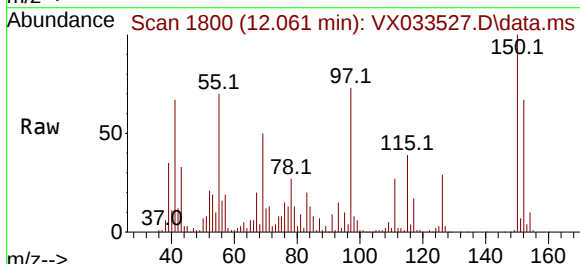
Manual Integrations
APPROVED

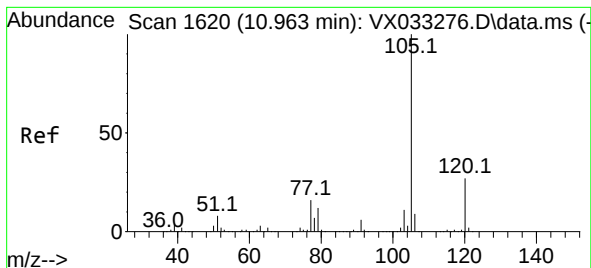
Reviewed By :John Carlone 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.037 min
Lab File: VX033527.D
Acq: 21 Dec 2022 12:02

Tgt Ion:152 Resp: 43756
Ion Ratio Lower Upper
152 100
115 58.2 44.0 132.0
150 163.3 0.0 351.8





#73

Isopropylbenzene

Concen: 2.395 ug/l

RT: 10.982 min Scan# 1105

Delta R.T. 0.019 min

Lab File: VX033527.D

Acq: 21 Dec 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

MAH-1RE

Tgt Ion:105 Resp: 7590

Ion Ratio Lower Upper

105 100

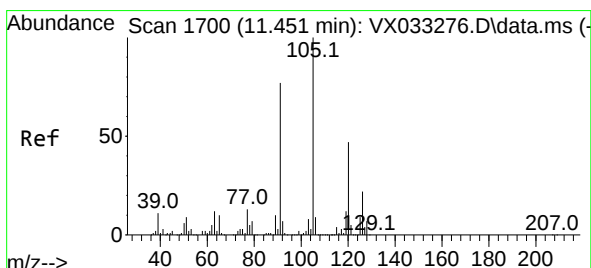
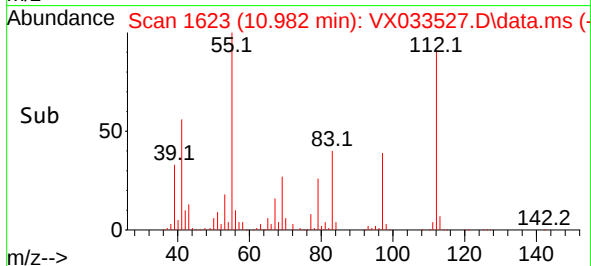
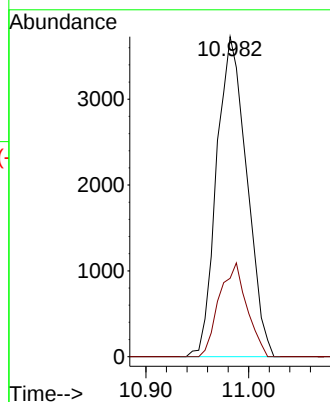
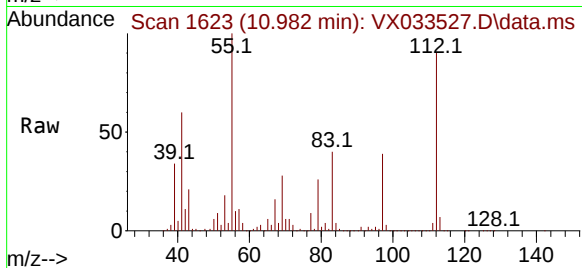
120 26.8 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#80

1,3,5-Trimethylbenzene

Concen: 8.533 ug/l

RT: 11.482 min Scan# 1705

Delta R.T. 0.031 min

Lab File: VX033527.D

Acq: 21 Dec 2022 12:02

Tgt Ion:105 Resp: 22526

Ion Ratio Lower Upper

105 100

120 48.9 23.6 71.0

