

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042052.D
 Acq On : 26 Jun 2024 14:50
 Operator : JC/MD
 Sample : P3045-07
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 9AB

Quant Time: Jun 27 03:43:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	144539	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	218465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68114	40.867	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.740%		
35) Dibromofluoromethane	5.391	113	59525	38.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	76.800%		
50) Toluene-d8	8.647	98	254432	46.722	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.440%		
62) 4-Bromofluorobenzene	11.085	95	105728	52.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.340%		
Target Compounds						
						Qvalue
18) Methyl Acetate	2.727	43	2526	1.265	ug/l	# 89
20) Methylene Chloride	2.776	84	1970	1.229	ug/l	86
39) Methylcyclohexane	7.373	83	2485	1.194	ug/l	95
40) Benzene	6.025	78	31510	5.676	ug/l	100
52) Toluene	8.714	92	71159	20.129	ug/l	100
67) Ethyl Benzene	10.195	91	46133	6.519	ug/l	96
68) m/p-Xylenes	10.299	106	159416	55.801	ug/l	91
69) o-Xylene	10.640	106	136907	48.404	ug/l	91
73) Isopropylbenzene	10.963	105	9056	1.184	ug/l	95
78) n-propylbenzene	11.305	91	22111	2.664	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	243786	38.269	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	485123	75.905	ug/l	92
86) p-Isopropyltoluene	12.012	119	7386m	1.069	ug/l	
95) Naphthalene	13.786	128	15868342	1734.025	ug/l	# 75

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

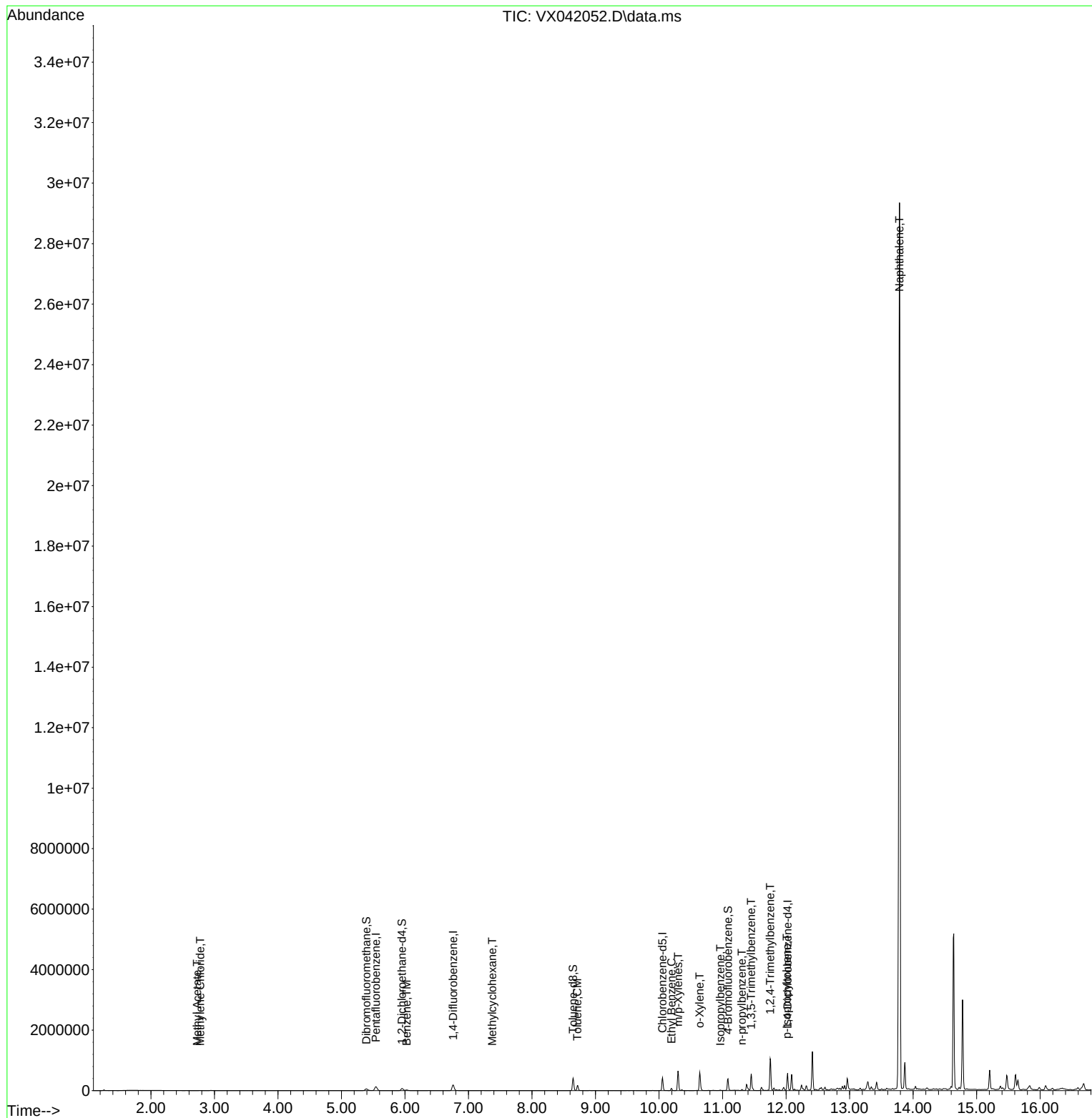
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
Data File : VX042052.D
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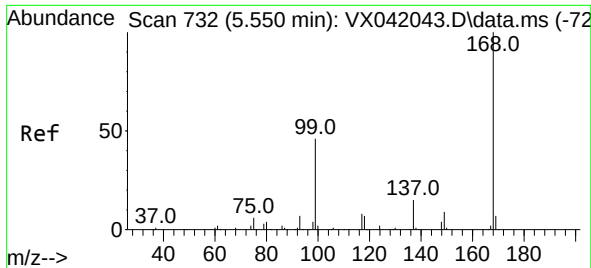
Instrument :
MSVOA_X
ClientSampleId :
9AB

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
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Response via : Initial Calibration





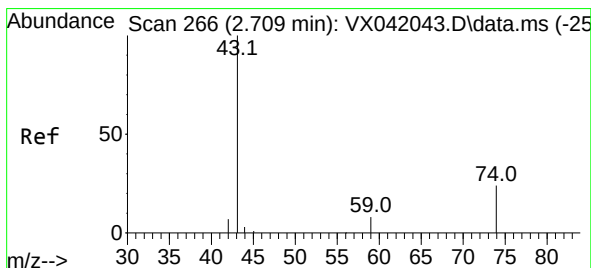
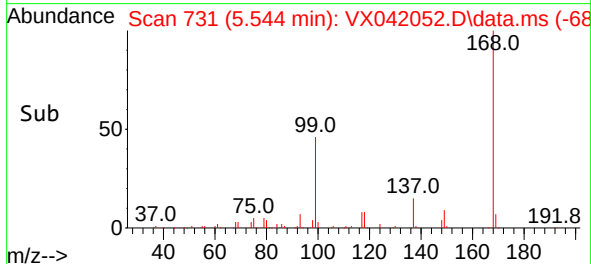
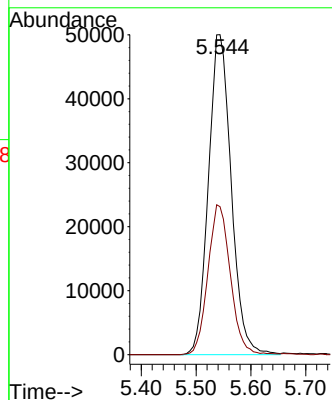
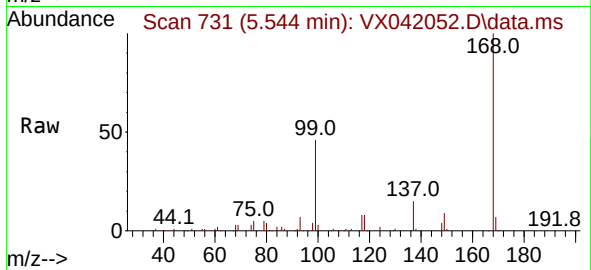
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
9AB

Tgt Ion:168 Resp: 144539
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0

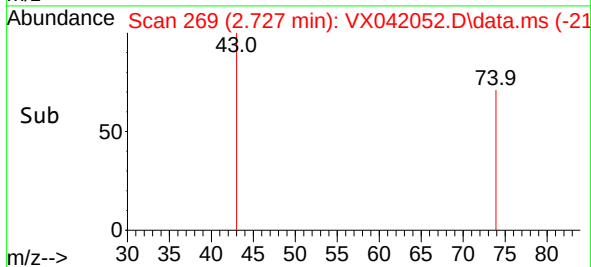
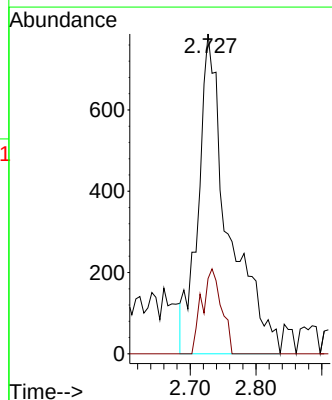
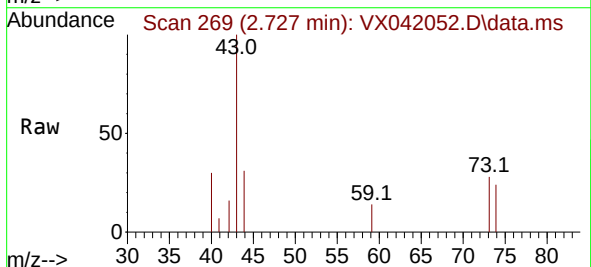
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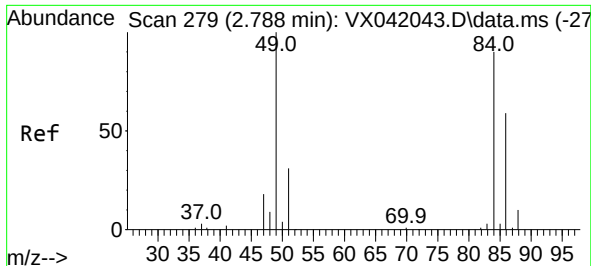
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#18
Methyl Acetate
Concen: 1.265 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
74 17.1 17.8 26.8





#20

Methylene Chloride

Concen: 1.229 ug/l

RT: 2.776 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX042052.D

Acq: 26 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

9AB

Tgt Ion: 84 Resp: 1970

Ion Ratio Lower Upper

84 100

49 106.8 103.6 155.4

51 38.3 33.8 50.6

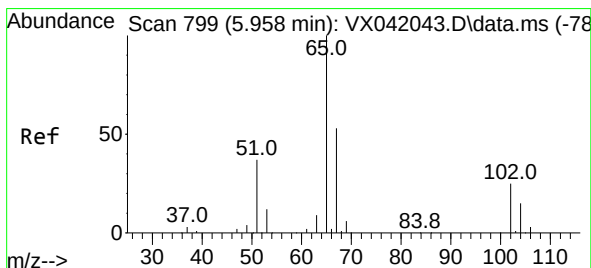
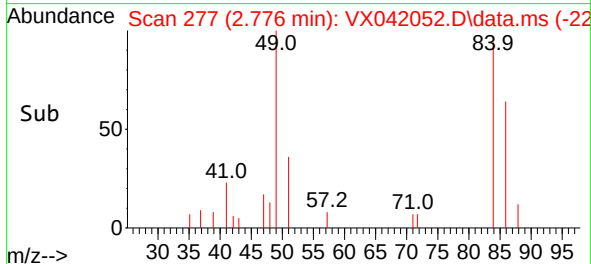
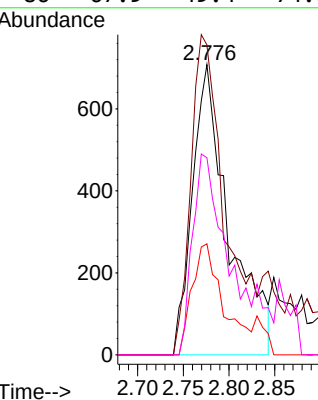
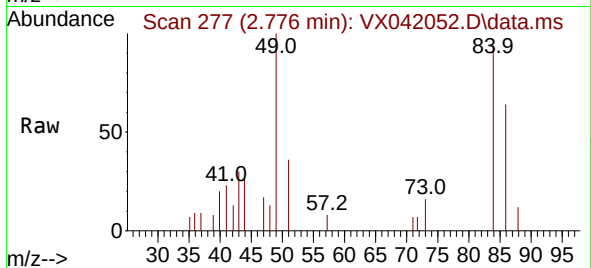
86 67.9 49.4 74.0

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 40.867 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX042052.D

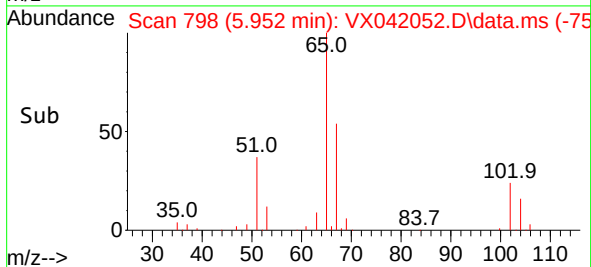
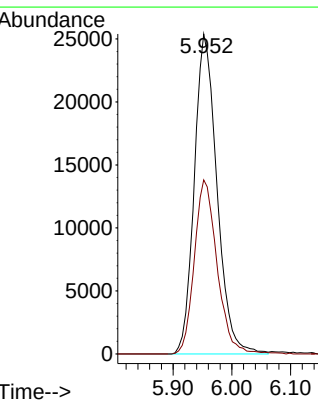
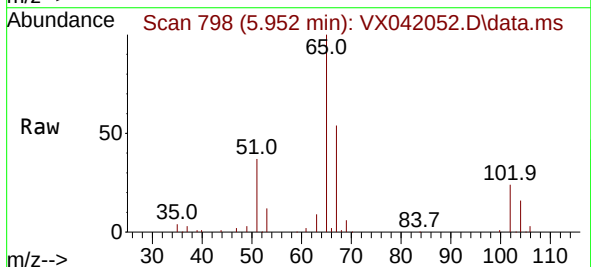
Acq: 26 Jun 2024 14:50

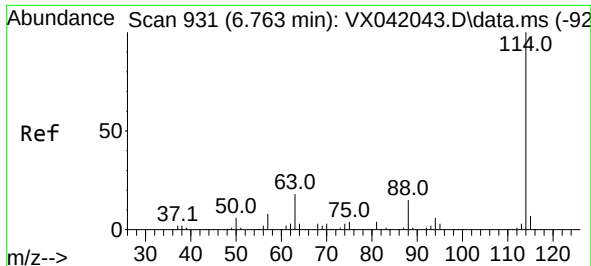
Tgt Ion: 65 Resp: 68114

Ion Ratio Lower Upper

65 100

67 54.7 0.0 100.2





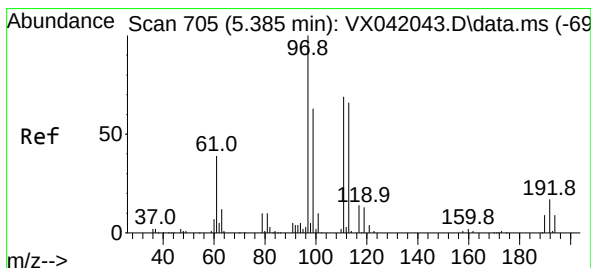
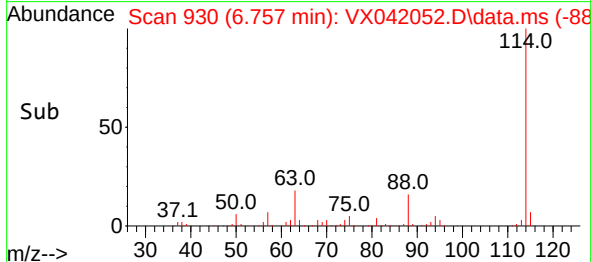
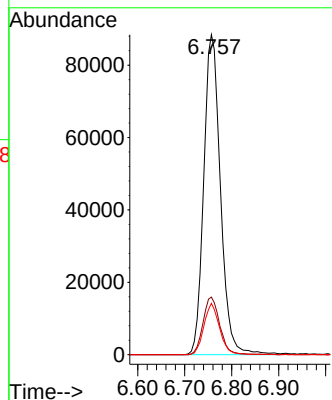
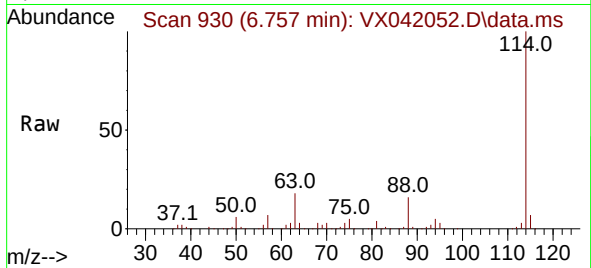
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
9AB

Tgt Ion:114 Resp: 21846
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 16.1 0.0 36.6

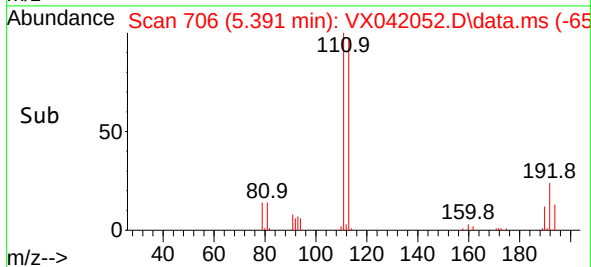
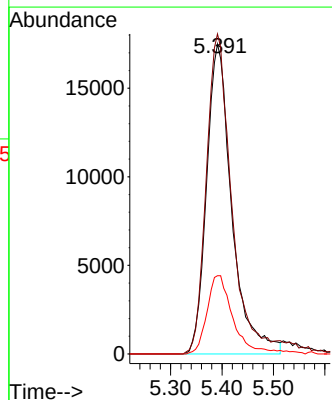
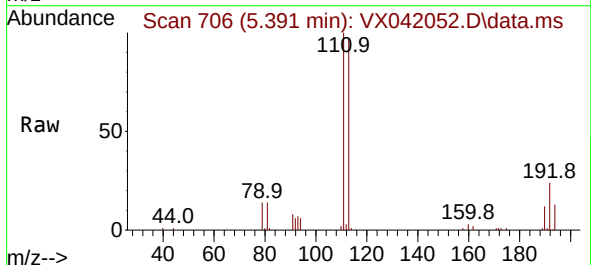
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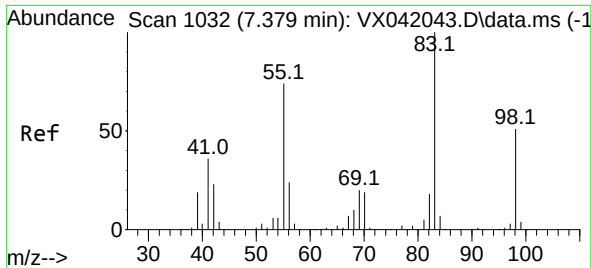
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#35
Dibromofluoromethane
Concen: 38.400 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

Tgt Ion:113 Resp: 59525
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 25.5 13.3 19.9#





#39

Methylcyclohexane

Concen: 1.194 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX042052.D

Acq: 26 Jun 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :

9AB

Tgt Ion: 83 Resp: 248

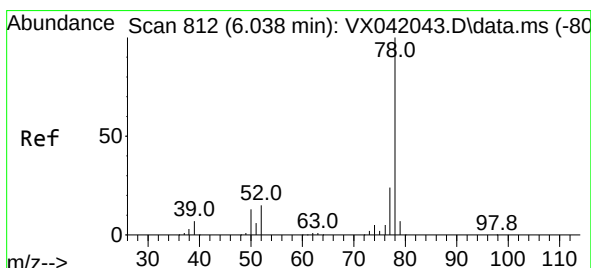
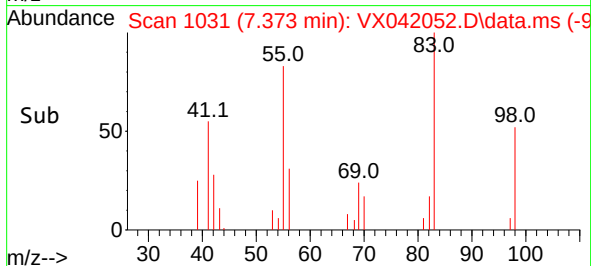
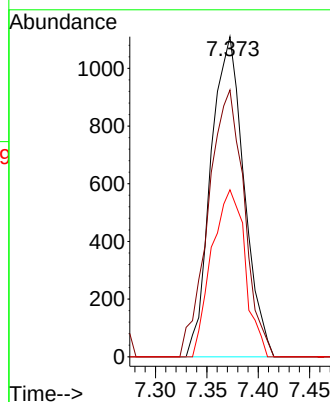
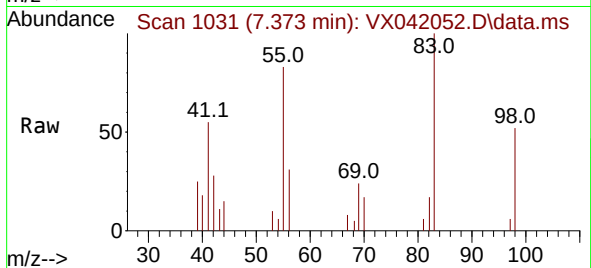
Ion	Ratio	Lower	Upper
83	100		
55	83.3	64.6	97.0
98	52.2	36.7	55.1

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Supervised By :Mahesh Dadoda 06/27/2024



#40

Benzene

Concen: 5.676 ug/l

RT: 6.025 min Scan# 810

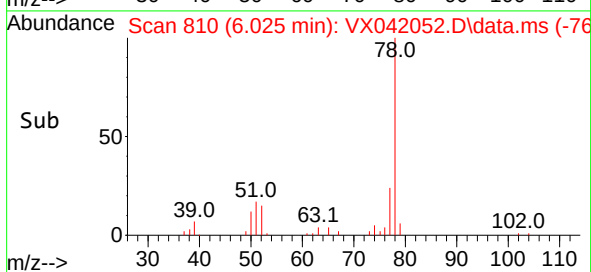
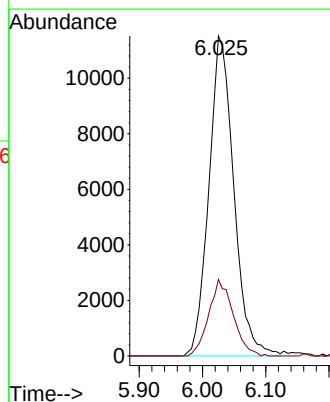
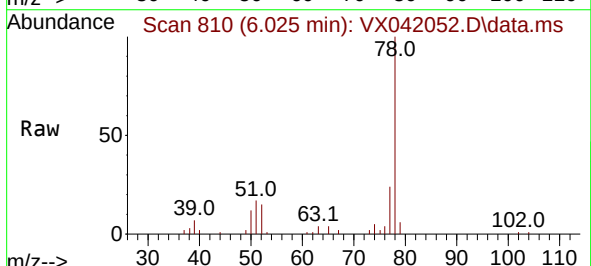
Delta R.T. -0.012 min

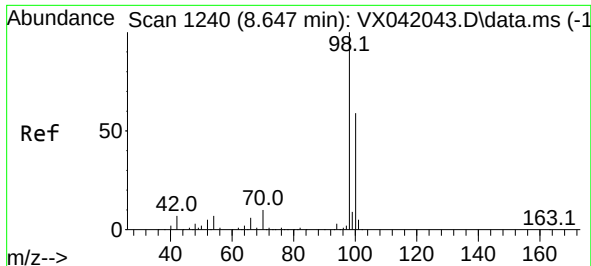
Lab File: VX042052.D

Acq: 26 Jun 2024 14:50

Tgt Ion: 78 Resp: 31510

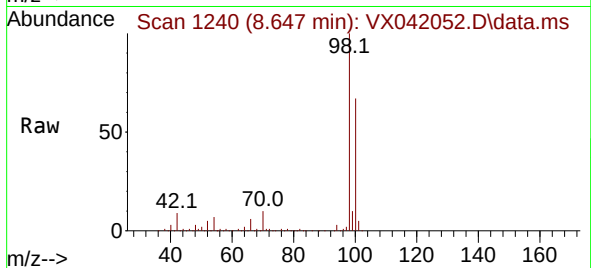
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#50
Toluene-d8
Concen: 46.722 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

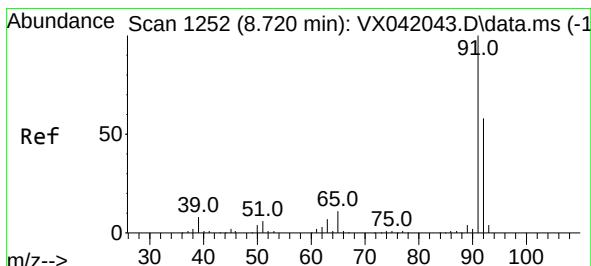
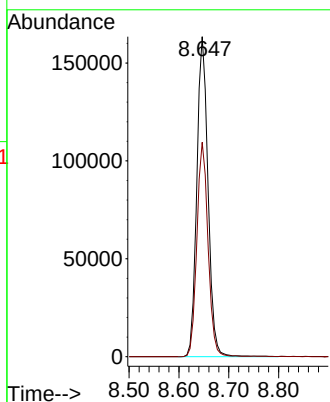
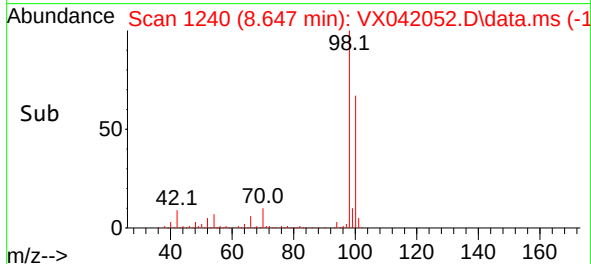
Instrument :
MSVOA_X
ClientSampleId :
9AB



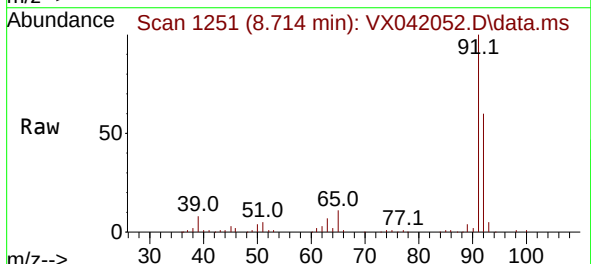
Tgt Ion: 98 Resp: 25443
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

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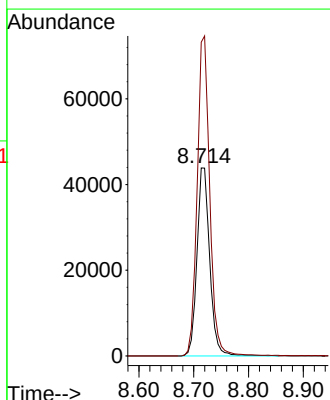
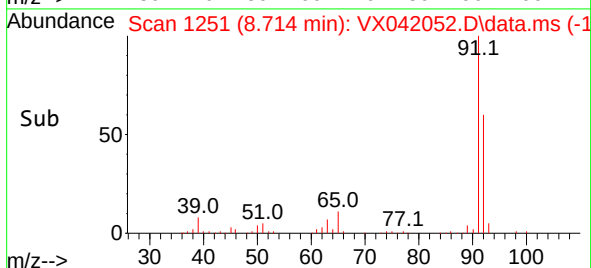
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Supervised By :Mahesh Dadoda 06/27/2024

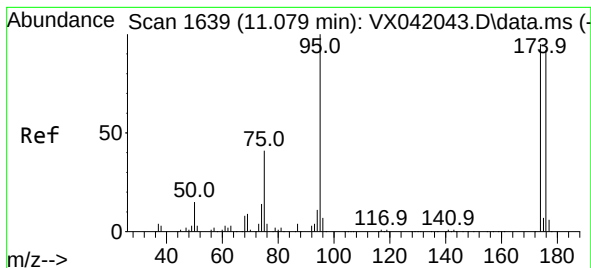


#52
Toluene
Concen: 20.129 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50



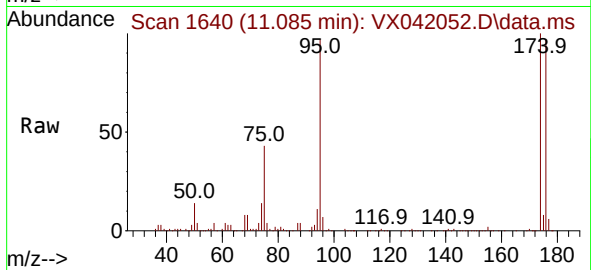
Tgt Ion: 92 Resp: 71159
Ion Ratio Lower Upper
92 100
91 167.3 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 52.669 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

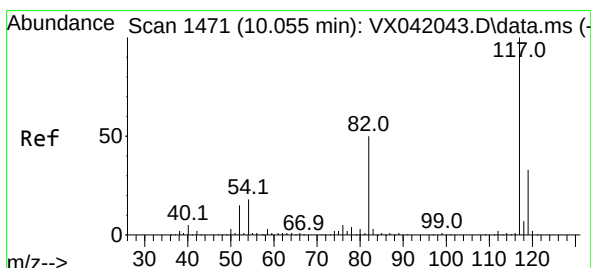
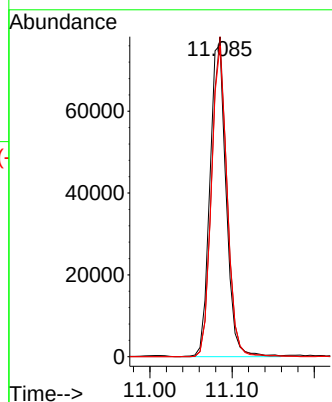
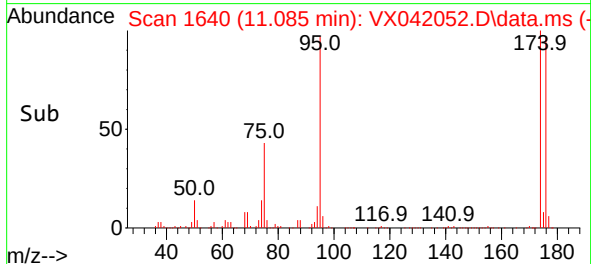
Instrument :
MSVOA_X
ClientSampleId :
9AB



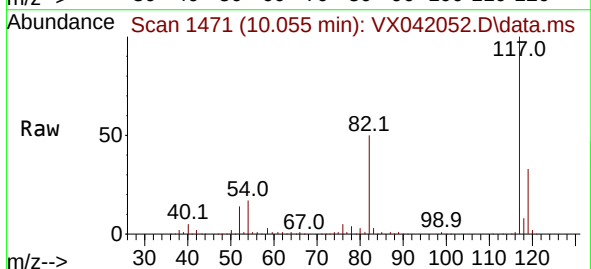
Tgt Ion: 95 Resp: 105728
Ion Ratio Lower Upper
95 100
174 96.4 0.0 135.6
176 94.8 0.0 131.0

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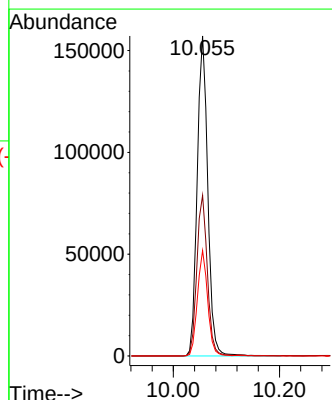
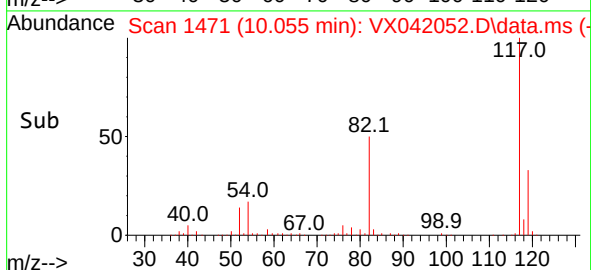
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

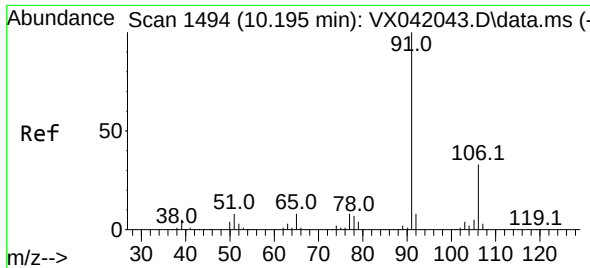


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50



Tgt Ion:117 Resp: 217138
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.9 25.5 38.3





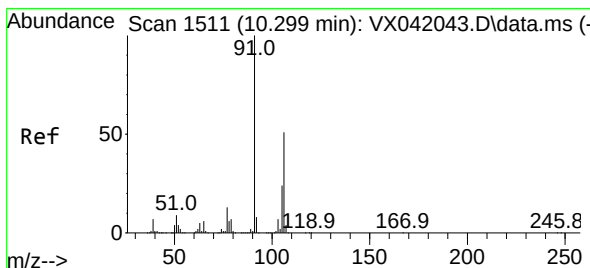
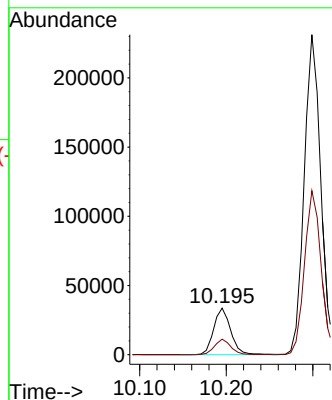
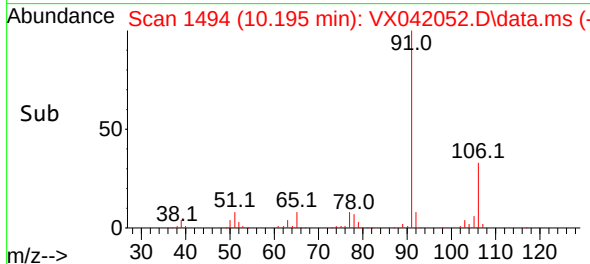
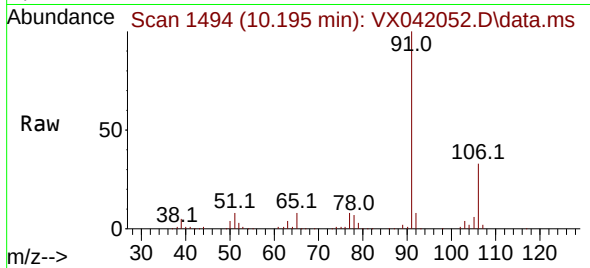
#67
Ethyl Benzene
Concen: 6.519 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
9AB

Tgt Ion: 91 Resp: 4613
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3

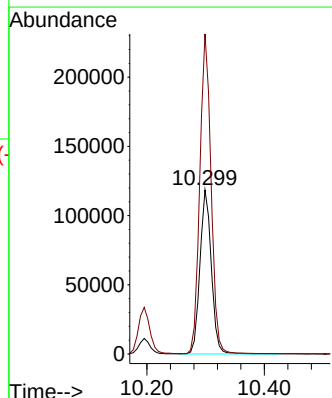
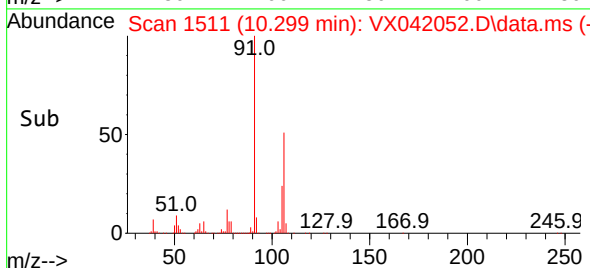
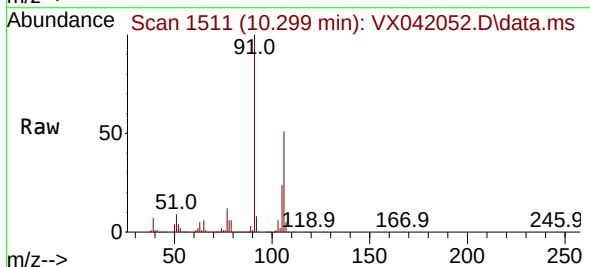
Manual Integrations
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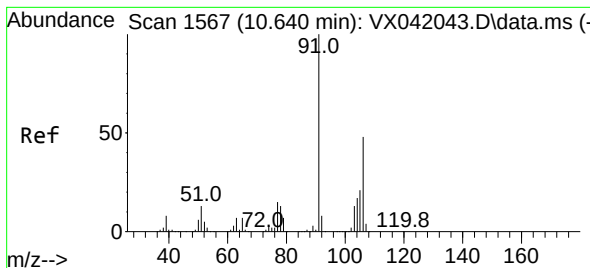
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#68
m/p-Xylenes
Concen: 55.801 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

Tgt Ion:106 Resp: 159416
Ion Ratio Lower Upper
106 100
91 193.0 165.5 248.3





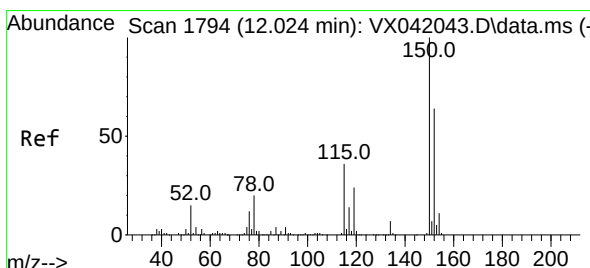
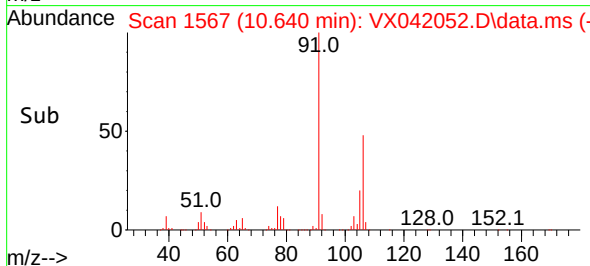
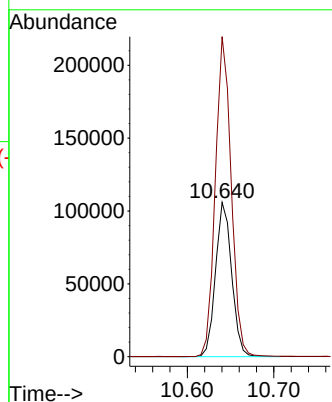
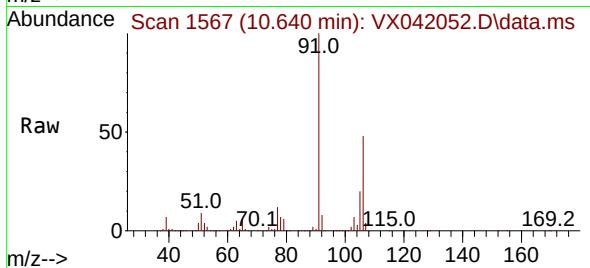
#69
o-Xylene
Concen: 48.404 ug/l
RT: 10.640 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
9AB

Tgt Ion:106 Resp: 13690
Ion Ratio Lower Upper
106 100
91 204.2 108.9 326.8

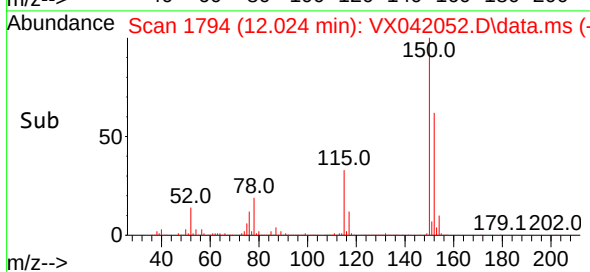
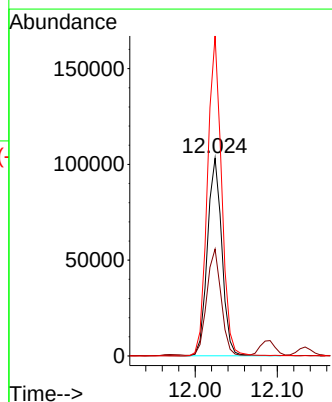
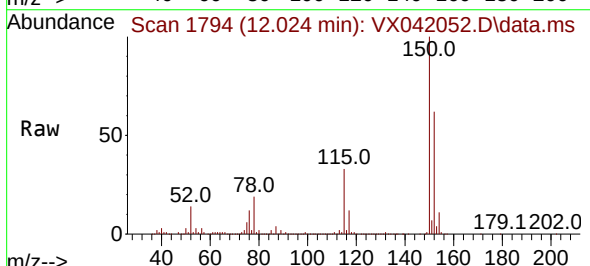
Manual Integrations
APPROVED

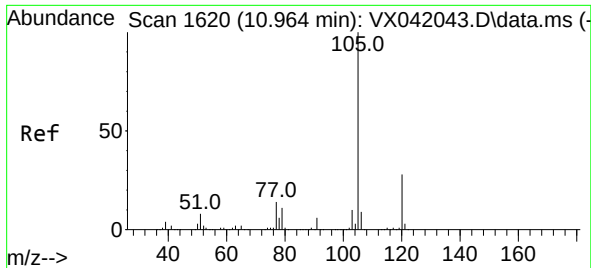
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

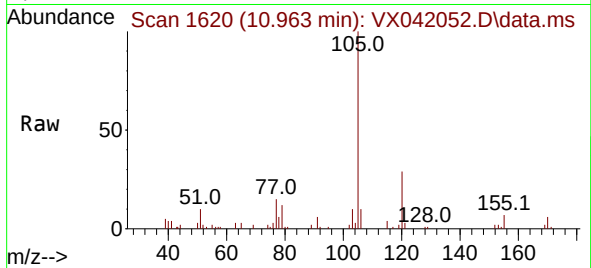
Tgt Ion:152 Resp: 125784
Ion Ratio Lower Upper
152 100
115 53.2 43.3 129.9
150 159.1 0.0 345.0





#73
Isopropylbenzene
Concen: 1.184 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

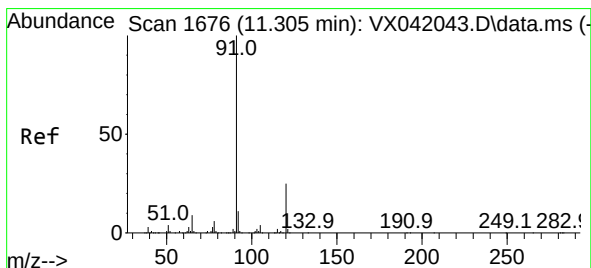
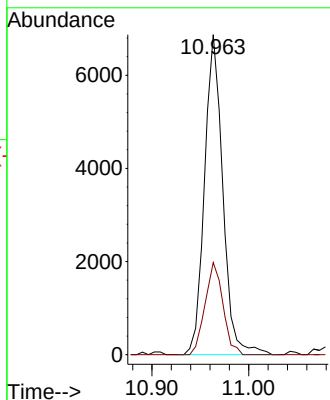
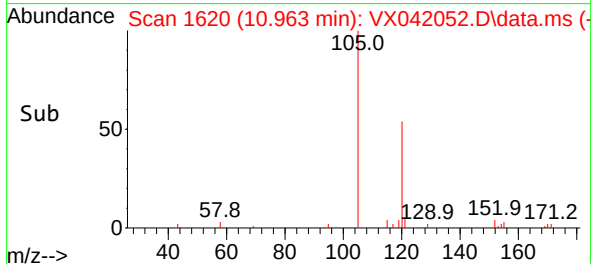
Instrument :
MSVOA_X
ClientSampleId :
9AB



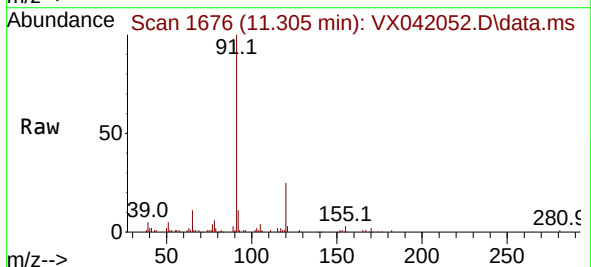
Tgt Ion:105 Resp: 9050
Ion Ratio Lower Upper
105 100
120 28.2 12.9 38.6

Manual Integrations
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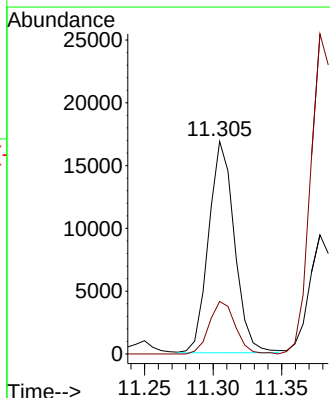
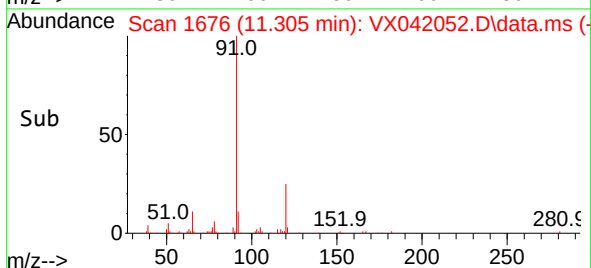
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

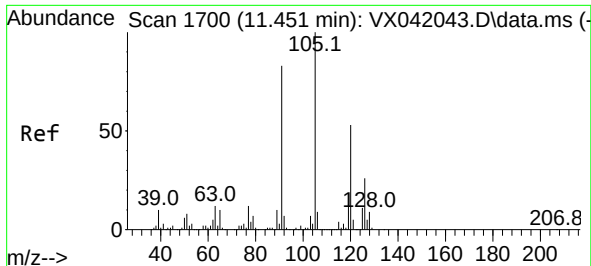


#78
n-propylbenzene
Concen: 2.664 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50



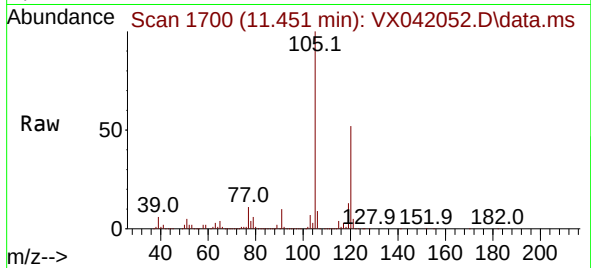
Tgt Ion: 91 Resp: 22111
Ion Ratio Lower Upper
91 100
120 25.1 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 38.269 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

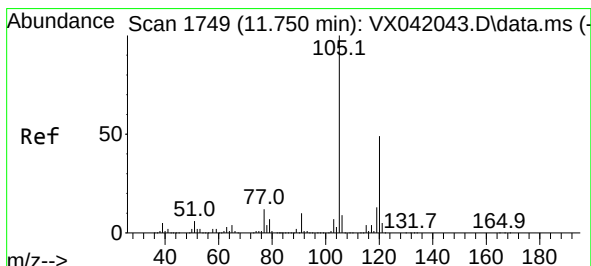
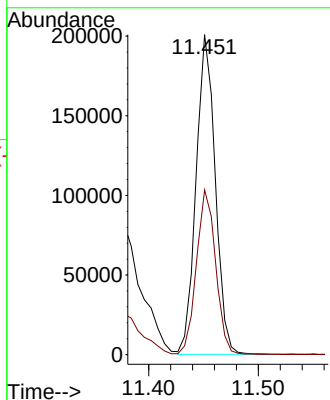
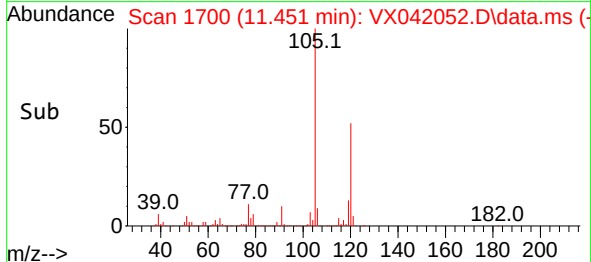
Instrument :
MSVOA_X
ClientSampleId :
9AB



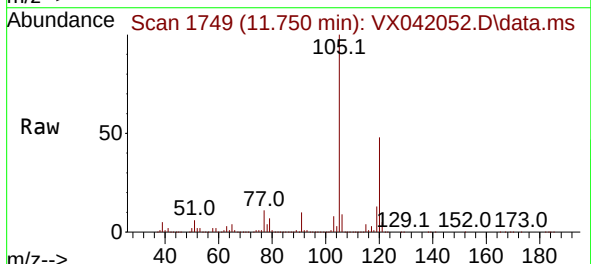
Tgt Ion:105 Resp: 243780
Ion Ratio Lower Upper
105 100
120 52.2 24.1 72.3

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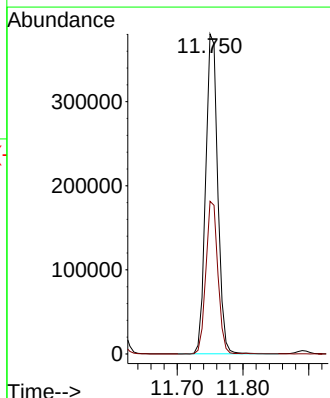
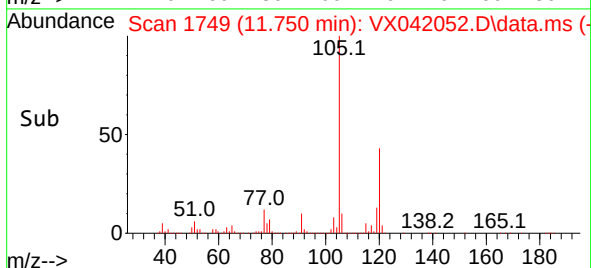
Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

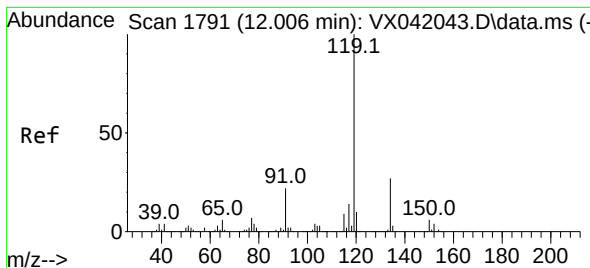


#84
1,2,4-Trimethylbenzene
Concen: 75.905 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50



Tgt Ion:105 Resp: 485123
Ion Ratio Lower Upper
105 100
120 47.7 21.2 63.6





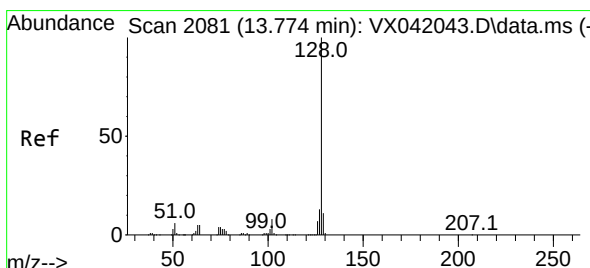
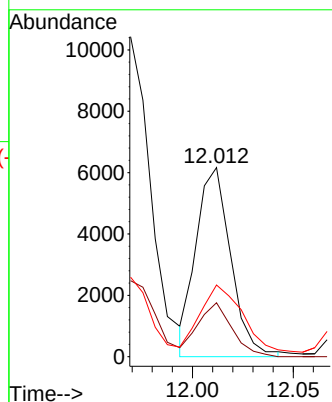
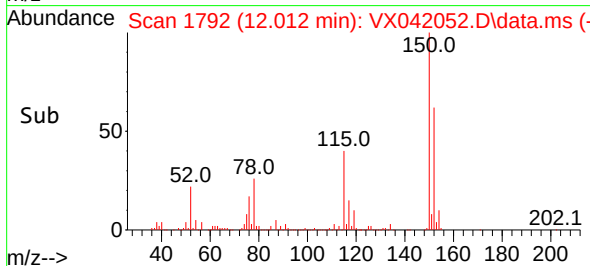
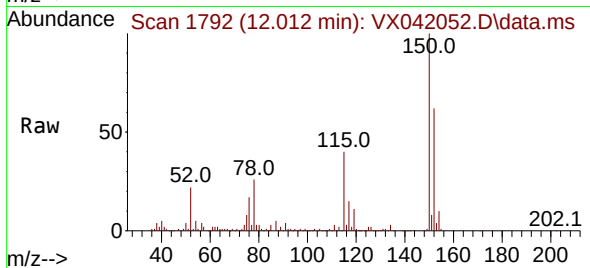
#86
p-Isopropyltoluene
Concen: 1.069 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :
9AB

Tgt Ion:119 Resp: 7380
Ion Ratio Lower Upper
119 100
134 43.5 12.8 38.3#
91 50.9 13.1 39.3#

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024



#95
Naphthalene
Concen: 1734.025 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042052.D
Acq: 26 Jun 2024 14:50

Tgt Ion:128 Resp:15868342
Ion Ratio Lower Upper
128 100
127 22.7 10.3 15.5#
129 20.2 8.8 13.2#

