

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033074.D
 Acq On : 25 Nov 2022 17:37
 Operator : JC/MD
 Sample : N5742-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP111822

Quant Time: Nov 28 00:49:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	141013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72053	52.445	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.880%			
35) Dibromofluoromethane	5.391	113	57960	44.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.440%			
50) Toluene-d8	8.653	98	218696	56.358	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.720%#			
62) 4-Bromofluorobenzene	11.079	95	93795	55.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.180%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.995	59	10240	47.040	ug/l #	72
16) Acetone	2.386	43	4629m	7.218	ug/l	
29) Tetrahydrofuran	5.025	42	5006	8.921	ug/l	95
31) Cyclohexane	5.477	56	907608	407.896	ug/l	92
39) Methylcyclohexane	7.385	83	488345	206.537	ug/l	97
40) Benzene	6.044	78	1088113	187.277	ug/l	100
52) Toluene	8.720	92	567782	148.536	ug/l	99
67) Ethyl Benzene	10.201	91	7735136	994.029	ug/l #	86
68) m/p-Xylenes	10.317	106	6937052	2276.542	ug/l	77
69) o-Xylene	10.646	106	1769346	600.109	ug/l	93
73) Isopropylbenzene	10.963	105	647907	75.498	ug/l	100
78) n-propylbenzene	11.305	91	1965812	200.351	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	2002953	277.831	ug/l	98
83) tert-Butylbenzene	11.719	119	20045m	2.793	ug/l	
84) 1,2,4-Trimethylbenzene	11.762	105	8639087	1201.798	ug/l	86
85) sec-Butylbenzene	11.890	105	81177m	9.455	ug/l	
86) p-Isopropyltoluene	12.012	119	43318	5.955	ug/l #	75
89) n-Butylbenzene	12.329	91	208938	33.343	ug/l #	24
95) Naphthalene	13.780	128	3631061	472.840	ug/l	98

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

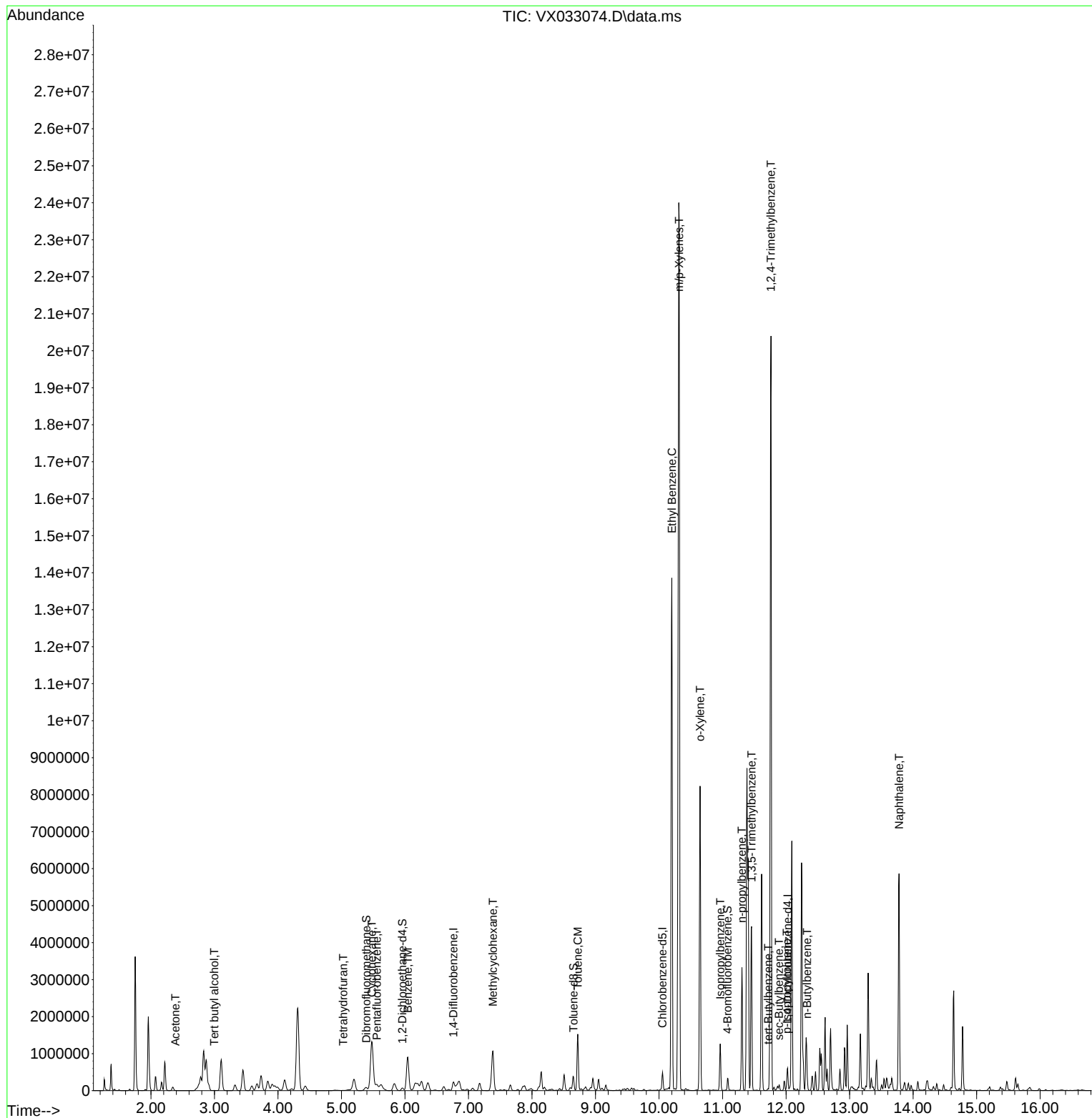
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
Data File : VX033074.D
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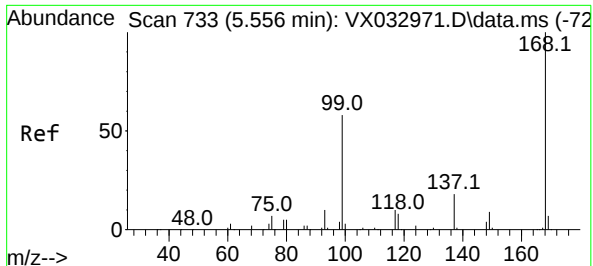
Instrument :
MSVOA_X
ClientSampleId :
DUP111822

Quant Time: Nov 28 00:49:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
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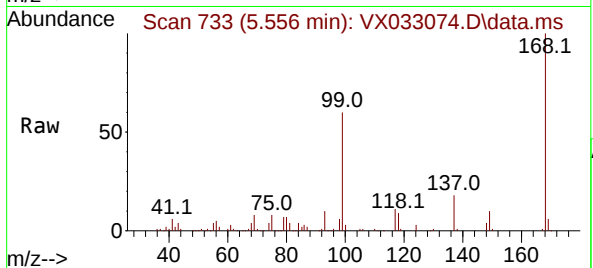
Reviewed By : John Carlone 11/28/2022
Supervised By : Mahesh Dadoda 11/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

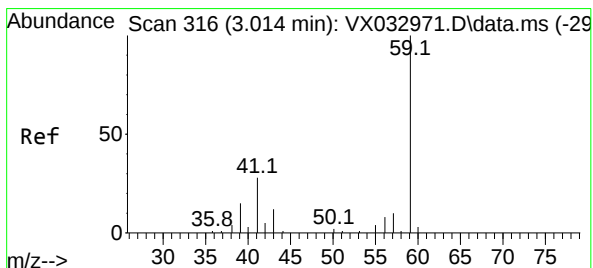
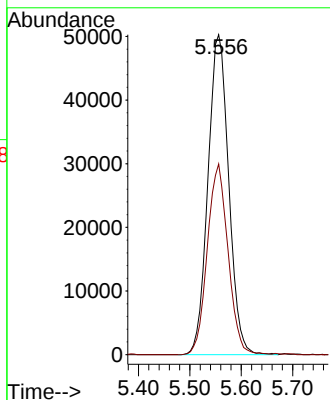
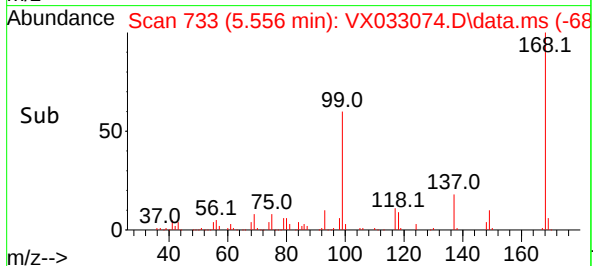
Instrument :
MSVOA_X
ClientSampleId :
DUP111822



Tgt Ion:168 Resp: 14101
Ion Ratio Lower Upper
168 100
99 59.6 46.1 69.1

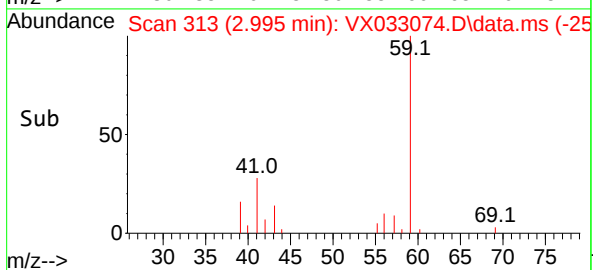
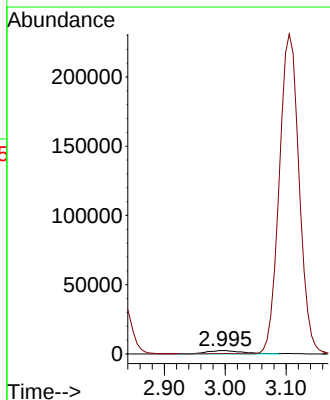
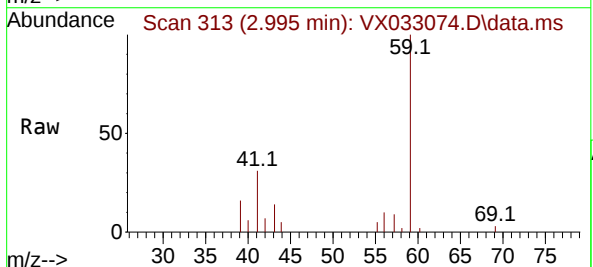
Manual Integrations
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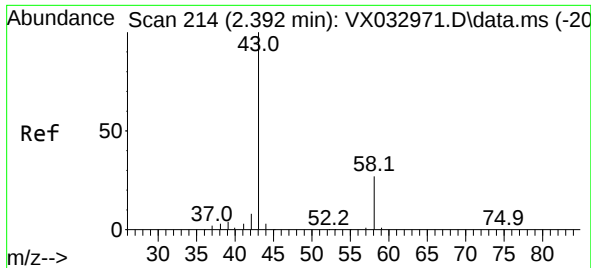
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#11
Tert butyl alcohol
Concen: 47.040 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.030 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

Tgt Ion: 59 Resp: 10240
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





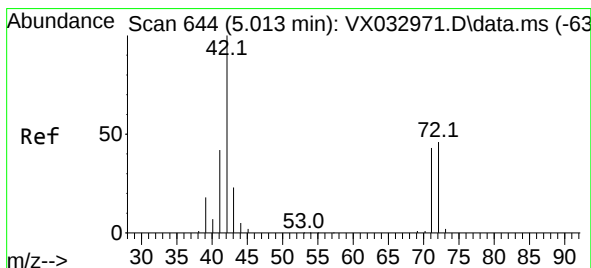
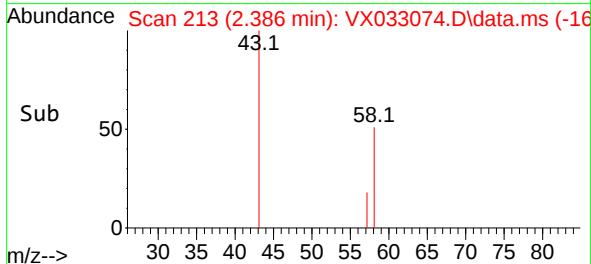
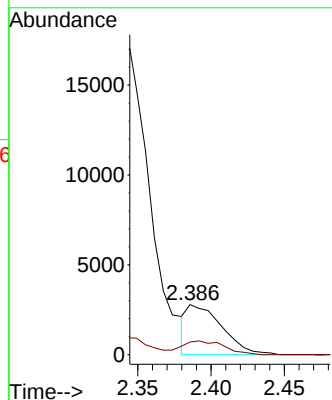
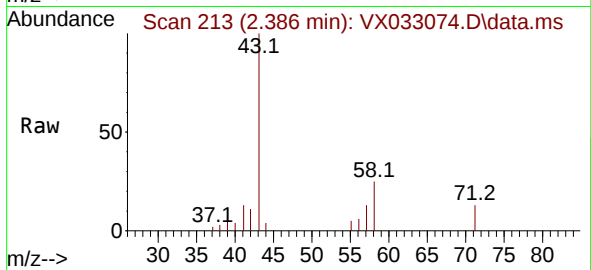
#16
Acetone
Concen: 7.218 ug/l m
RT: 2.386 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
DUP111822

Tgt Ion: 43 Resp: 4629
Ion Ratio Lower Upper
43 100
58 25.4 23.8 35.8

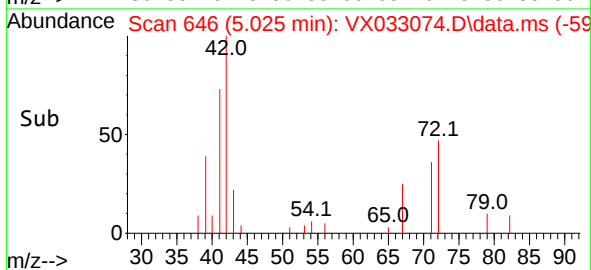
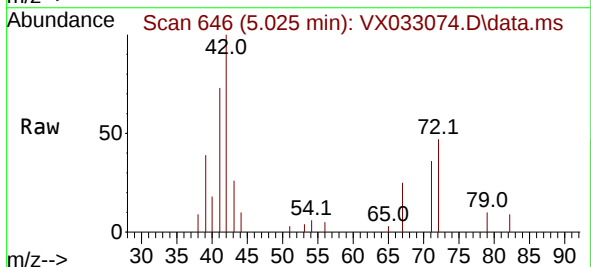
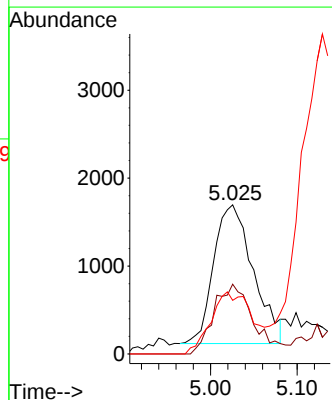
Manual Integrations
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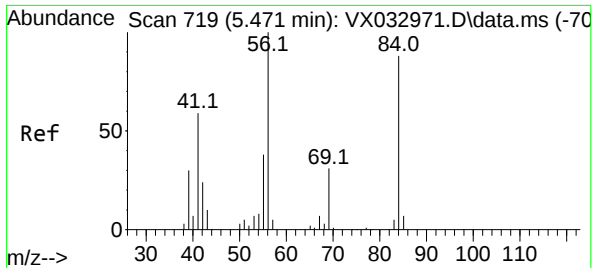
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#29
Tetrahydrofuran
Concen: 8.921 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.024 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

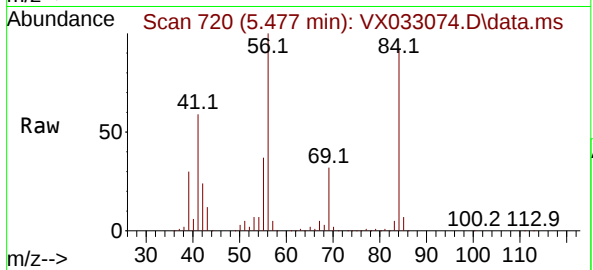
Tgt Ion: 42 Resp: 5006
Ion Ratio Lower Upper
42 100
72 50.7 37.6 56.4
71 46.3 34.7 52.1





#31
Cyclohexane
Concen: 407.896 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

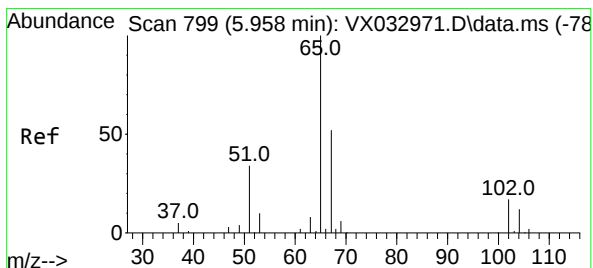
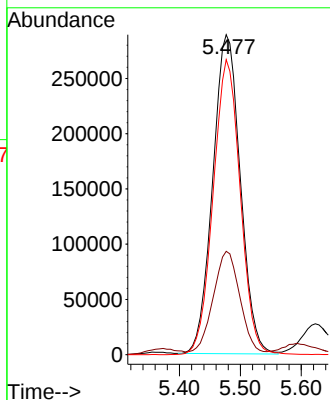
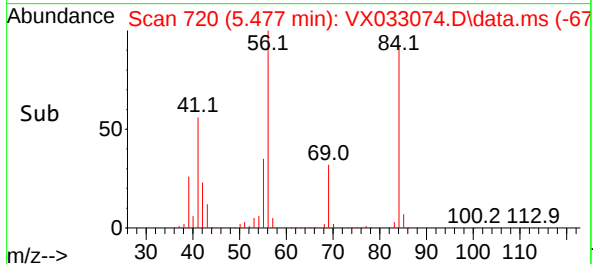
Instrument :
MSVOA_X
ClientSampleId :
DUP111822



Tgt Ion: 56 Resp: 907608
Ion Ratio Lower Upper
56 100
69 31.2 24.1 36.1
84 92.5 66.9 100.3

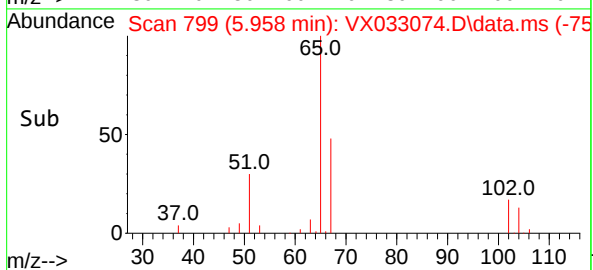
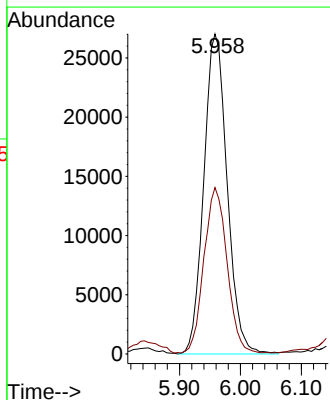
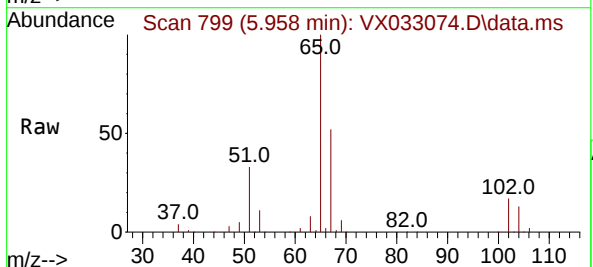
Manual Integrations
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Supervised By :Mahesh Dadoda 11/28/2022



#33
1,2-Dichloroethane-d4
Concen: 52.445 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

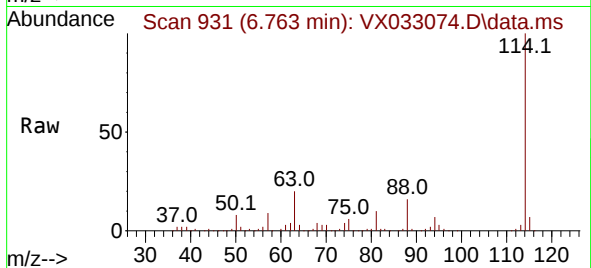
Tgt Ion: 65 Resp: 72053
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

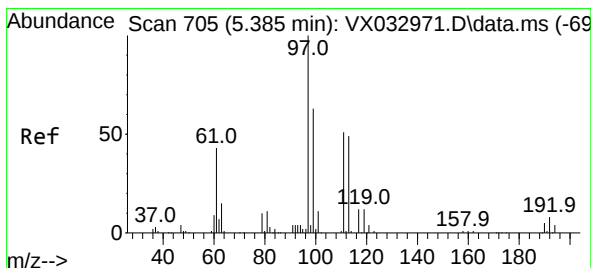
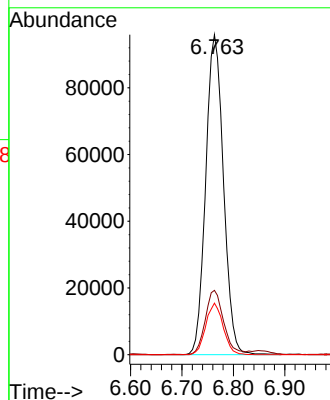
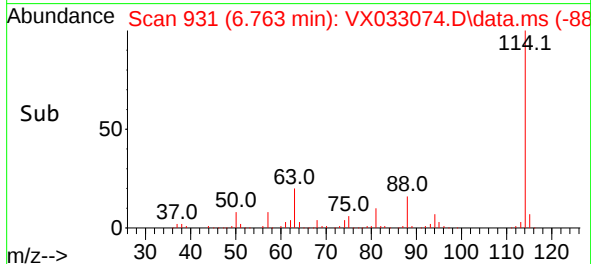
Instrument :
MSVOA_X
ClientSampleId :
DUP111822



Tgt Ion:114 Resp: 22988
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 16.1 0.0 33.4

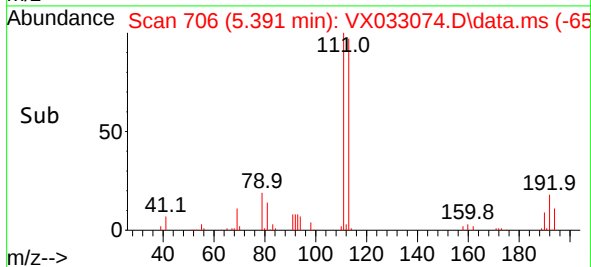
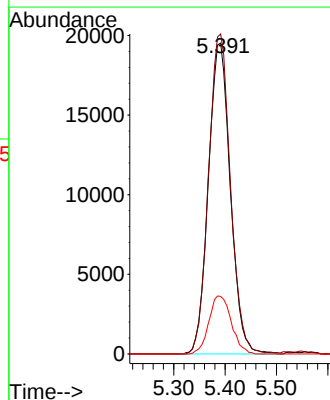
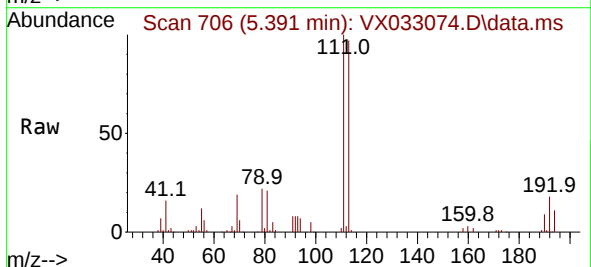
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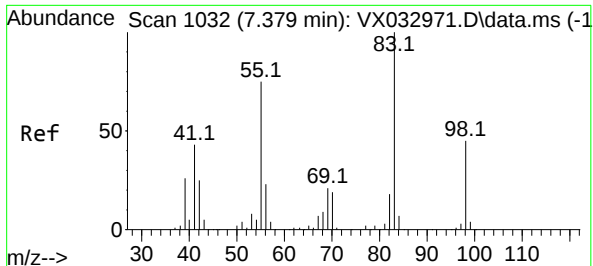
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#35
Dibromofluoromethane
Concen: 44.722 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

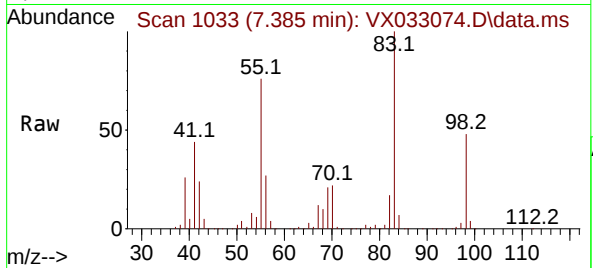
Tgt Ion:113 Resp: 57960
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.0 15.4 23.2





#39
Methylcyclohexane
Concen: 206.537 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

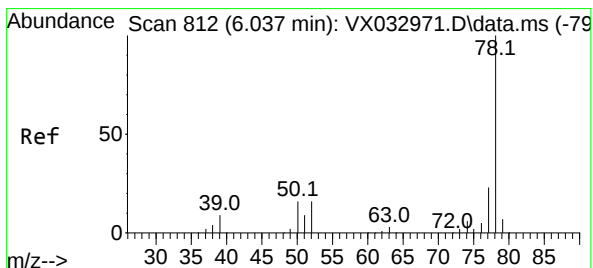
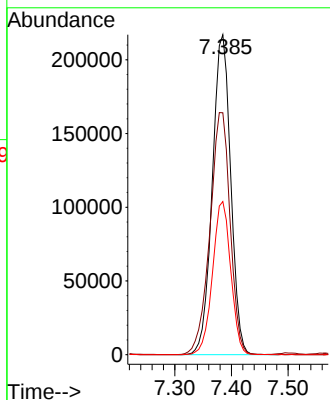
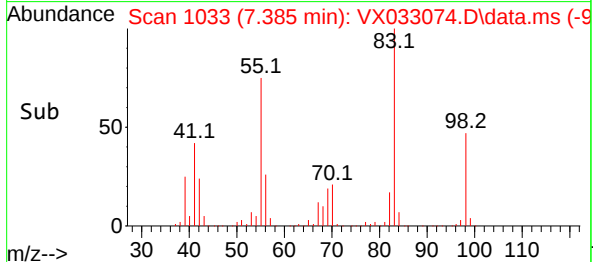
Instrument :
MSVOA_X
ClientSampleId :
DUP111822



Tgt Ion: 83 Resp: 488349
Ion Ratio Lower Upper
83 100
55 75.5 58.4 87.6
98 47.8 37.2 55.8

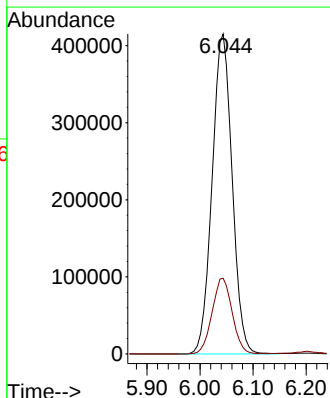
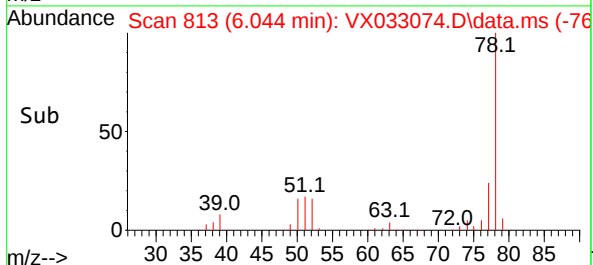
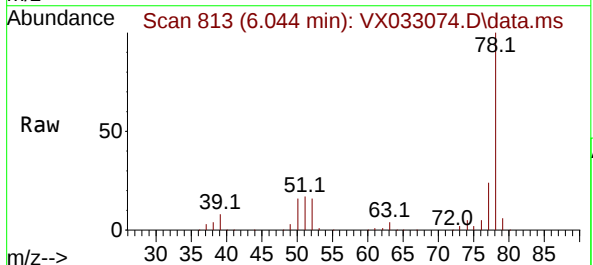
Manual Integrations
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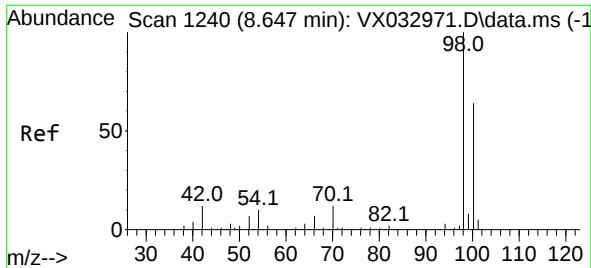
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#40
Benzene
Concen: 187.277 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

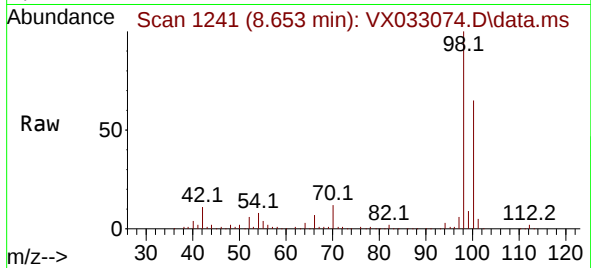
Tgt Ion: 78 Resp: 1088113
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#50
Toluene-d8
Concen: 56.358 ug/l
RT: 8.653 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

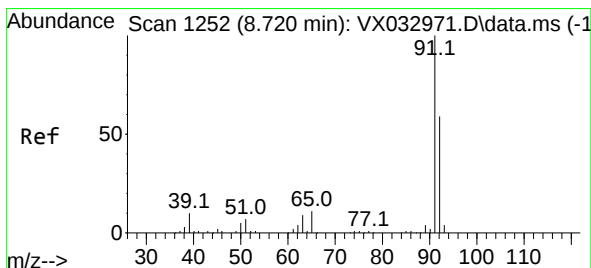
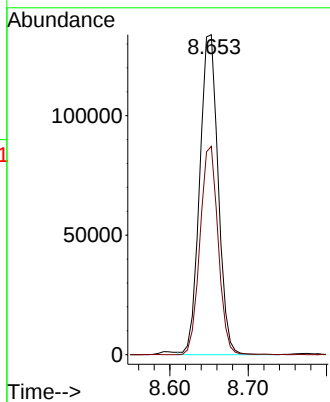
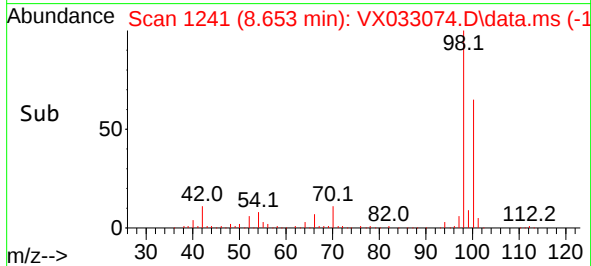
Instrument :
MSVOA_X
ClientSampleId :
DUP111822



Tgt Ion: 98 Resp: 218690
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

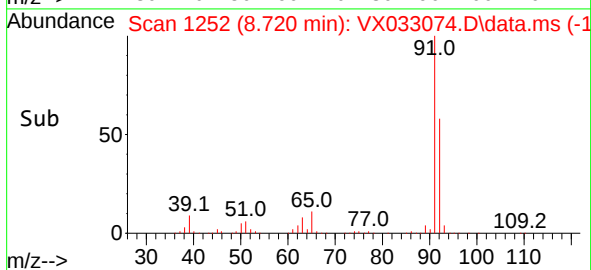
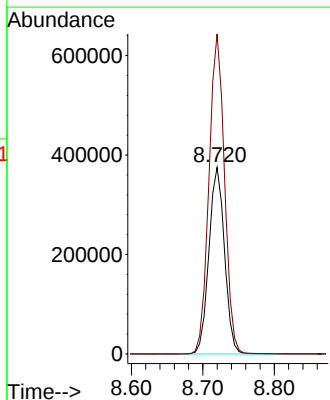
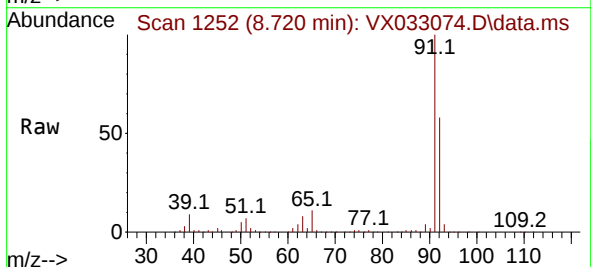
Manual Integrations
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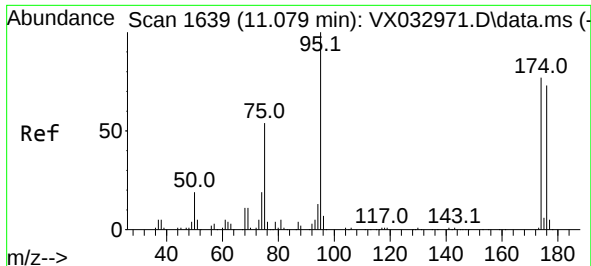
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#52
Toluene
Concen: 148.536 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

Tgt Ion: 92 Resp: 567782
Ion Ratio Lower Upper
92 100
91 170.9 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 55.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033074.D

Acq: 25 Nov 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

DUP111822

Tgt Ion: 95 Resp: 9379

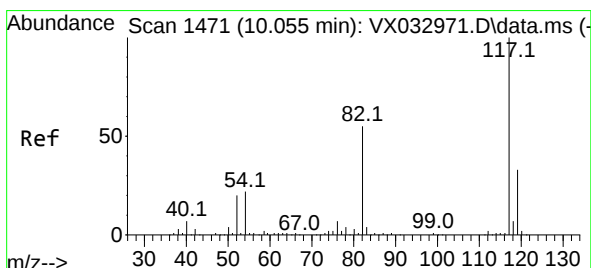
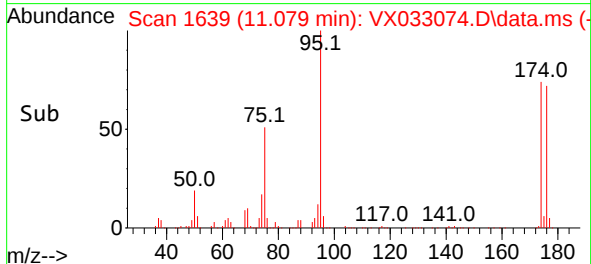
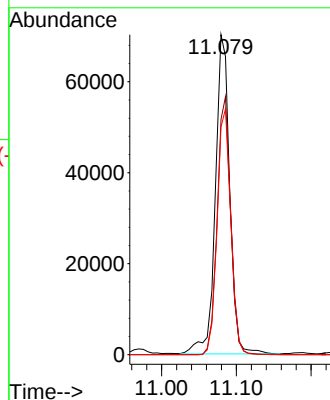
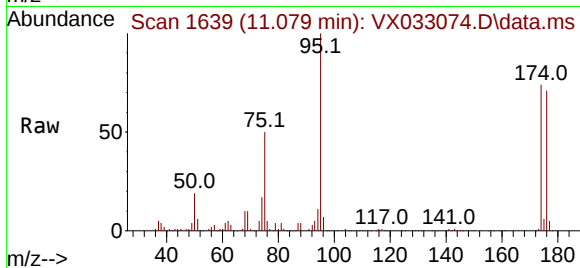
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	164.0
176	73.0	0.0	154.4

Manual Integrations

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Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

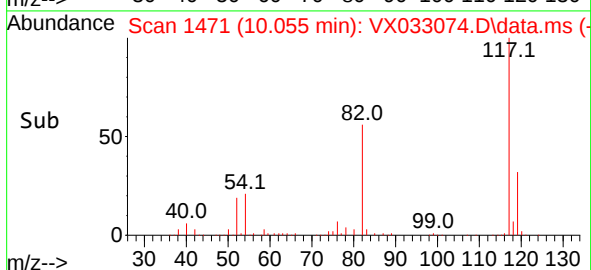
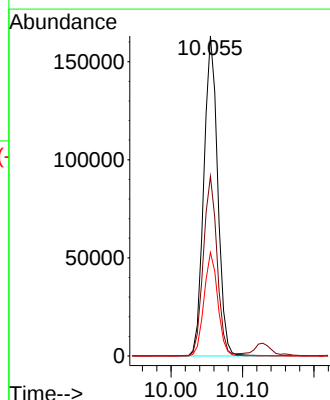
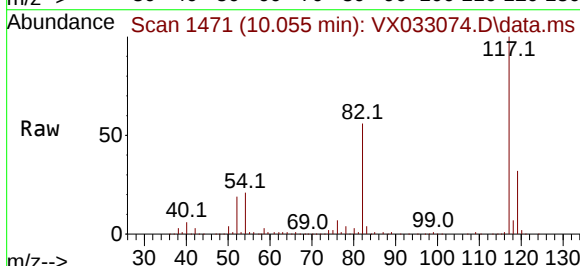
Delta R.T. 0.000 min

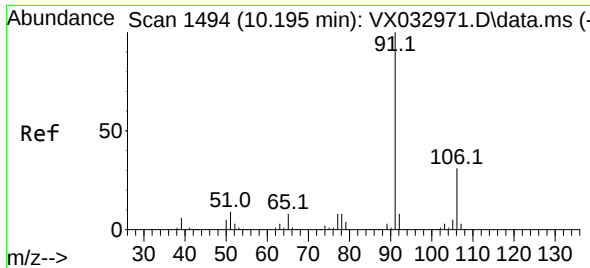
Lab File: VX033074.D

Acq: 25 Nov 2022 17:37

Tgt Ion:117 Resp: 220028

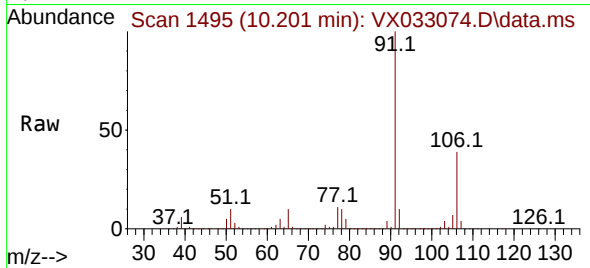
Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.3	66.5
119	32.4	25.7	38.5





#67
Ethyl Benzene
Concen: 994.029 ug/l
RT: 10.201 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

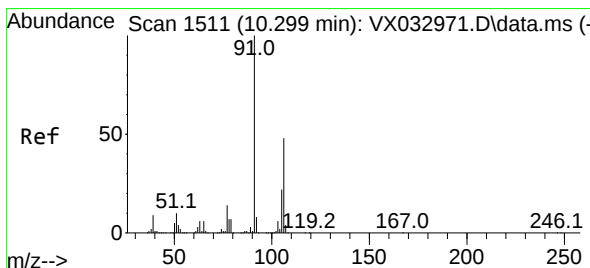
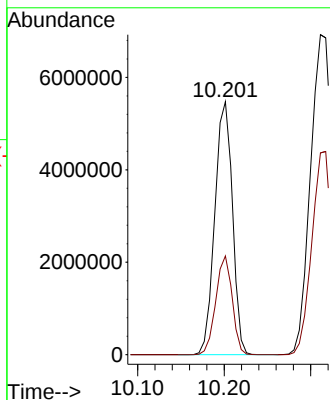
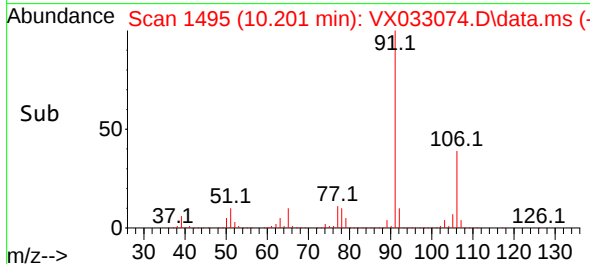
Instrument :
MSVOA_X
ClientSampleId :
DUP111822



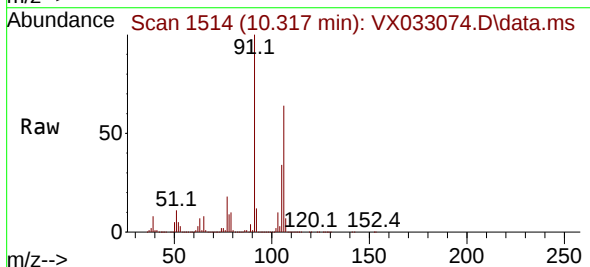
Tgt Ion: 91 Resp: 7735130
Ion Ratio Lower Upper
91 100
106 39.0 25.0 37.6

Manual Integrations
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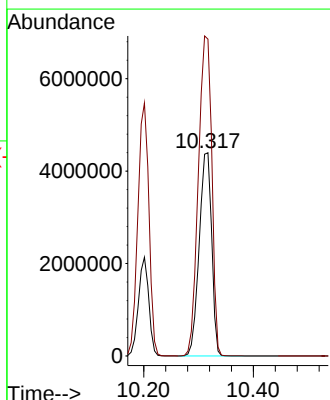
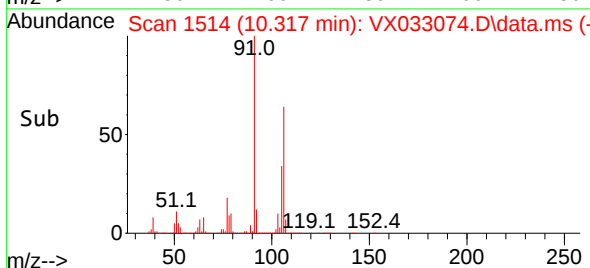
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

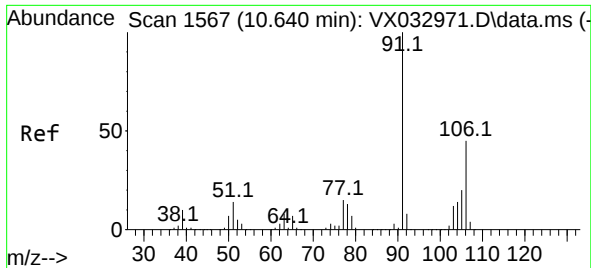


#68
m/p-Xylenes
Concen: 2276.542 ug/l
RT: 10.317 min Scan# 1514
Delta R.T. 0.012 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37



Tgt Ion:106 Resp: 6937052
Ion Ratio Lower Upper
106 100
91 169.9 164.5 246.7





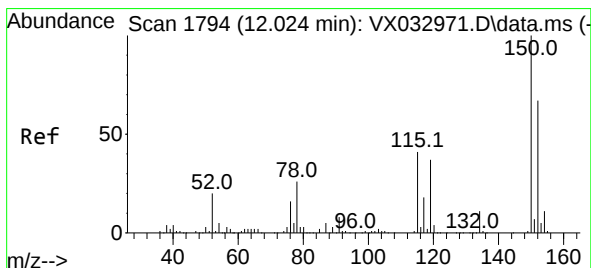
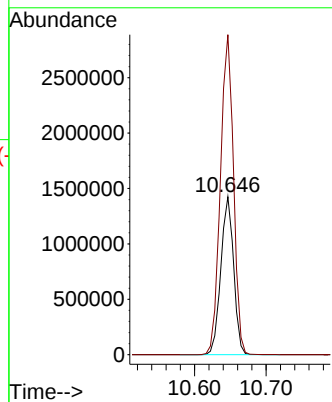
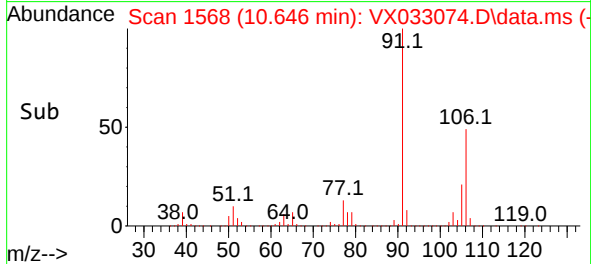
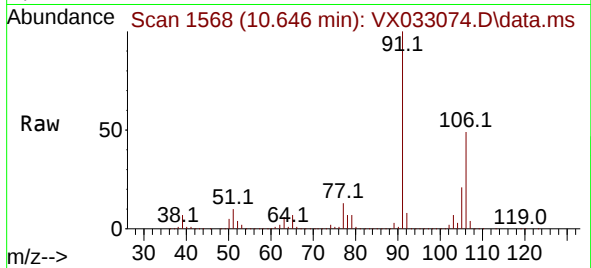
#69
o-Xylene
Concen: 600.109 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
DUP111822

Tgt Ion:106 Resp: 1769340
Ion Ratio Lower Upper
106 100
91 207.6 109.2 327.6

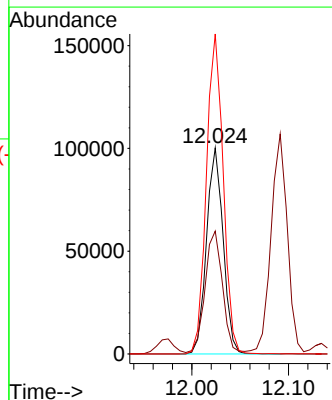
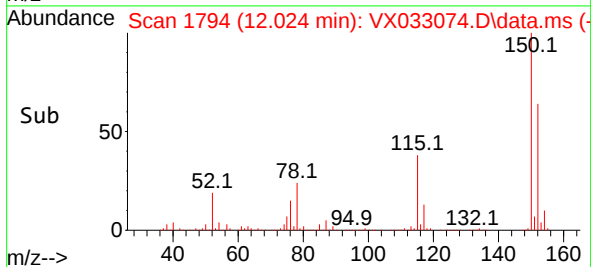
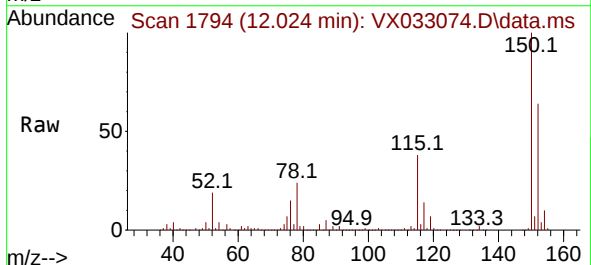
Manual Integrations
APPROVED

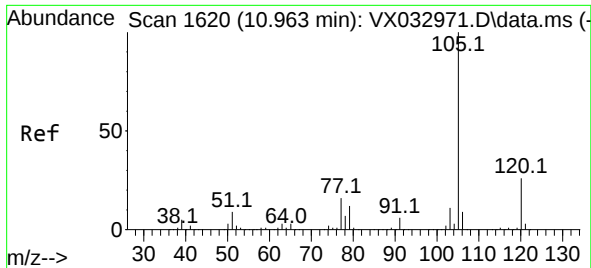
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

Tgt Ion:152 Resp: 120093
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 157.0 0.0 351.8





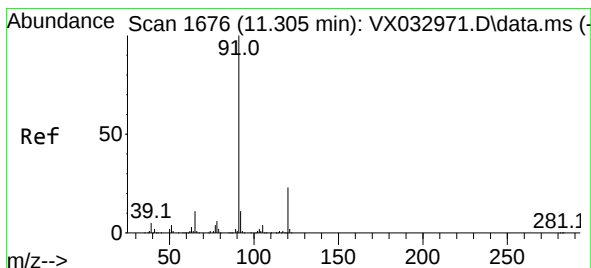
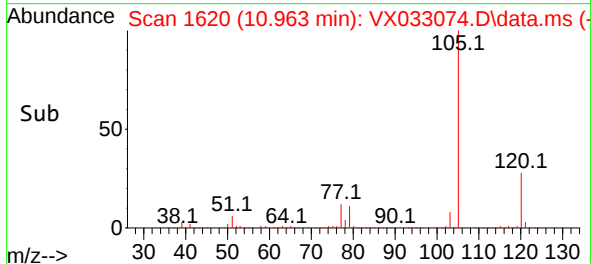
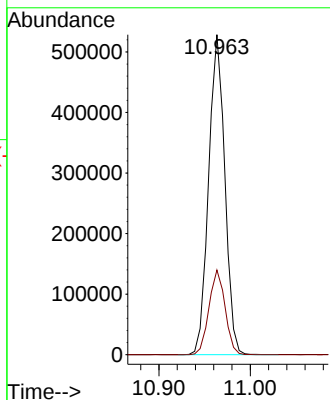
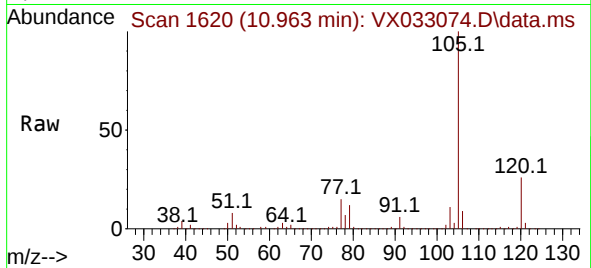
#73
Isopropylbenzene
Concen: 75.498 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
DUP111822

Tgt Ion:105 Resp: 64790
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

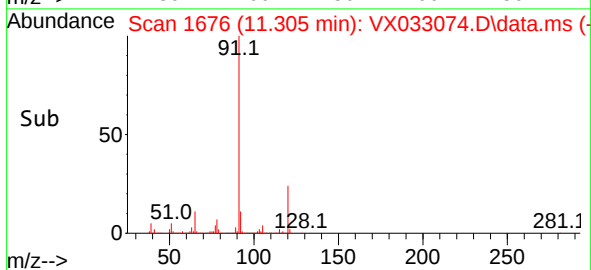
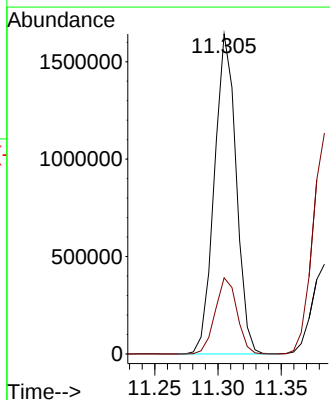
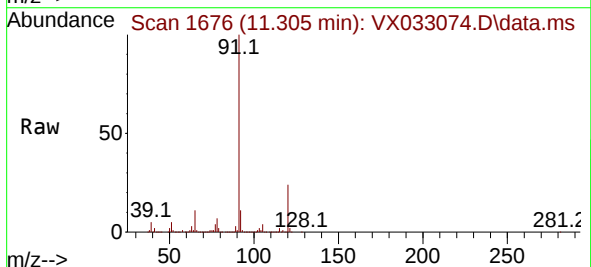
Manual Integrations
APPROVED

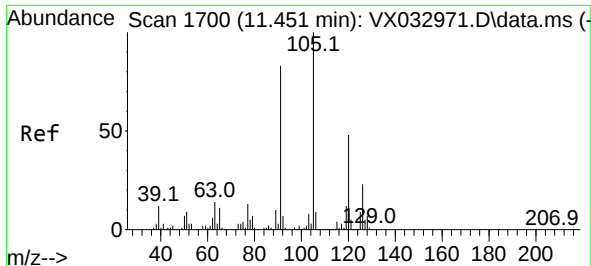
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#78
n-propylbenzene
Concen: 200.351 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

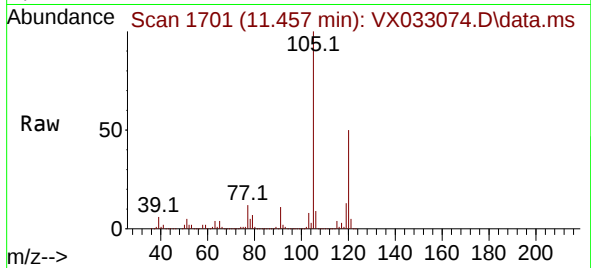
Tgt Ion: 91 Resp: 1965812
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 277.831 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

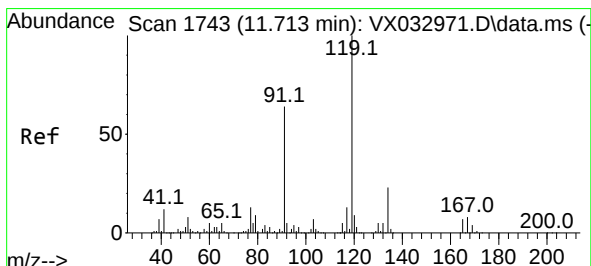
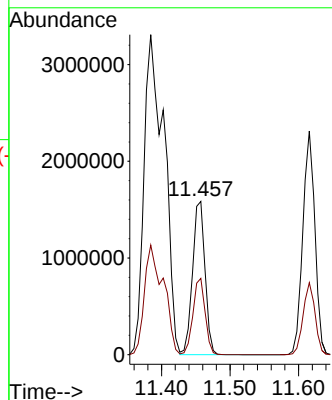
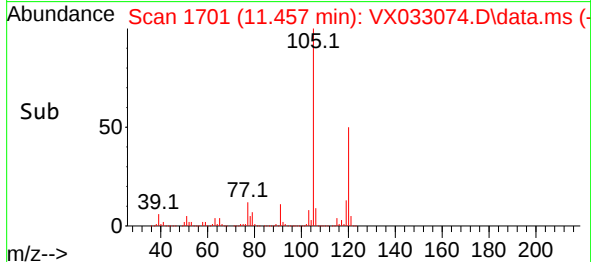
Instrument :
MSVOA_X
ClientSampleId :
DUP111822



Tgt Ion:105 Resp: 200295
Ion Ratio Lower Upper
105 100
120 48.5 23.6 71.0

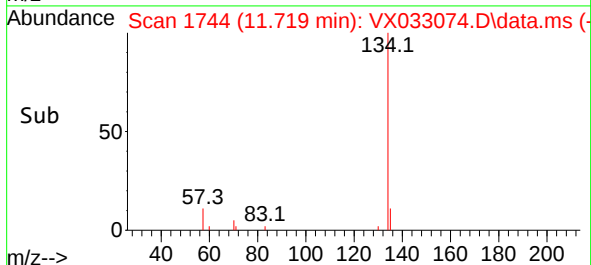
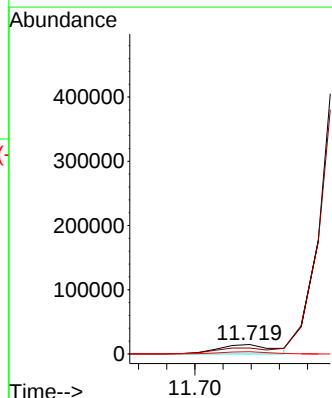
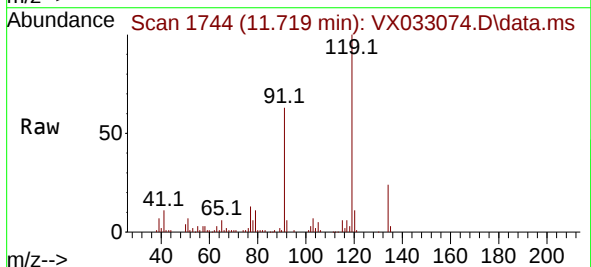
Manual Integrations
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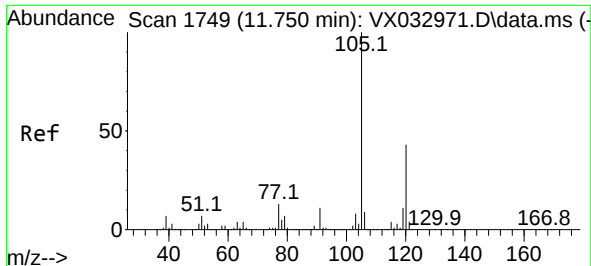
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#83
tert-Butylbenzene
Concen: 2.793 ug/l m
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

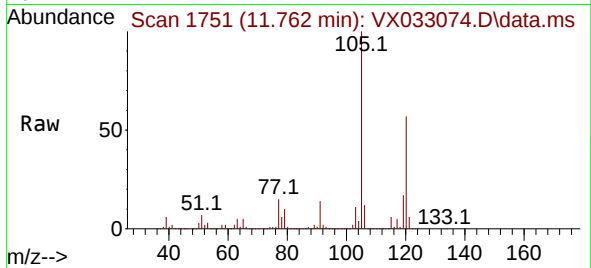
Tgt Ion:119 Resp: 20045
Ion Ratio Lower Upper
119 100
91 5616.7 29.4 88.2#
134 0.0 11.0 33.0#





#84
1,2,4-Trimethylbenzene
Concen: 1201.798 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

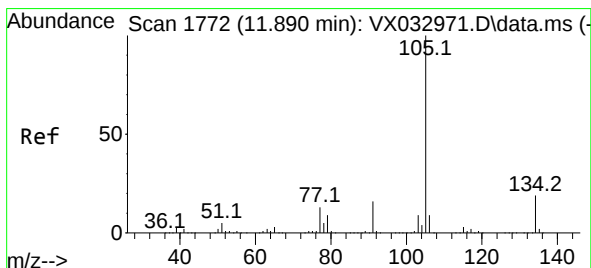
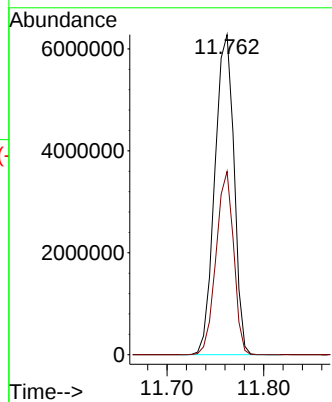
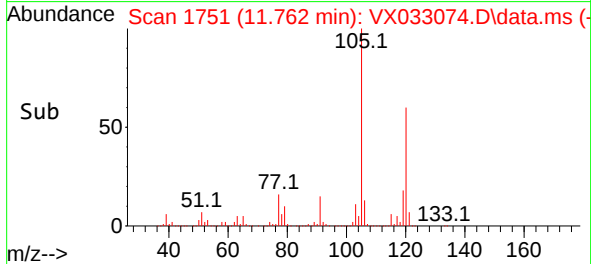
Instrument :
MSVOA_X
ClientSampleId :
DUP111822



Tgt Ion:105 Resp: 863908
Ion Ratio Lower Upper
105 100
120 52.5 21.9 65.5

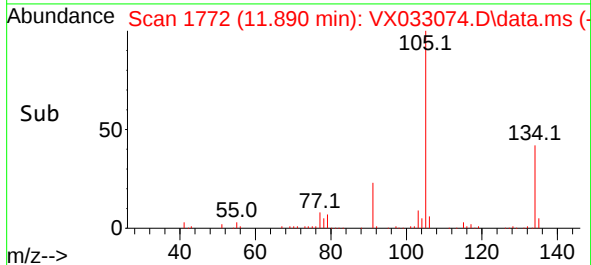
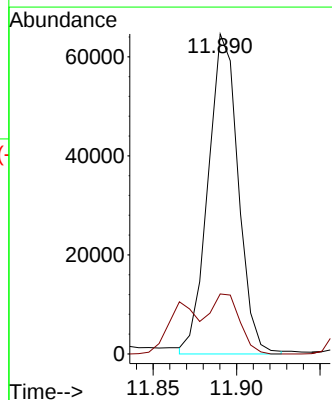
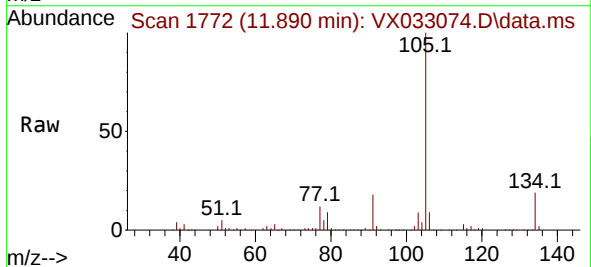
Manual Integrations
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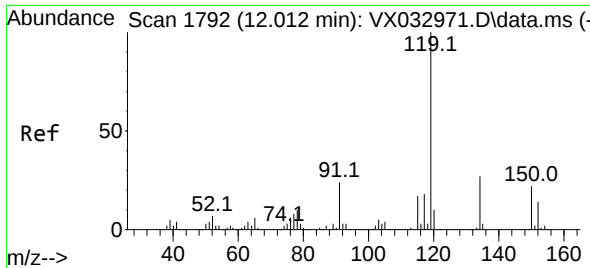
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#85
sec-Butylbenzene
Concen: 9.455 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

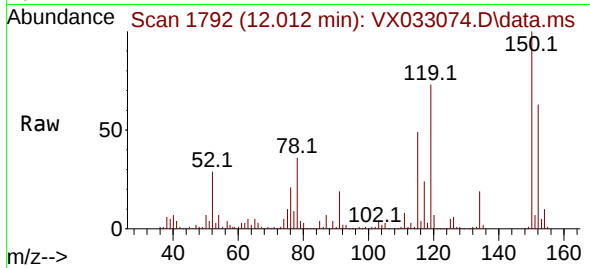
Tgt Ion:105 Resp: 81177
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 5.955 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

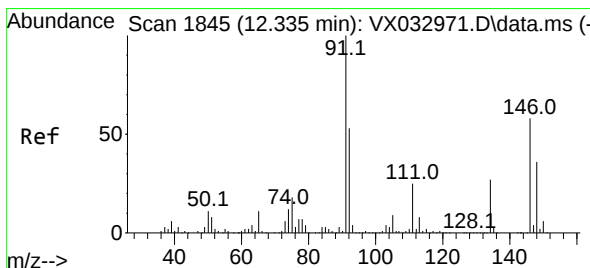
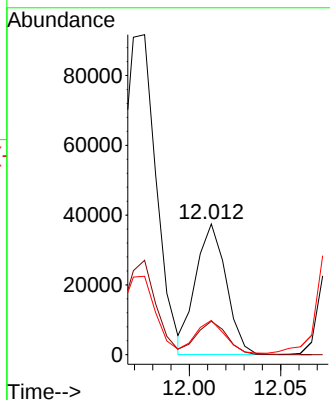
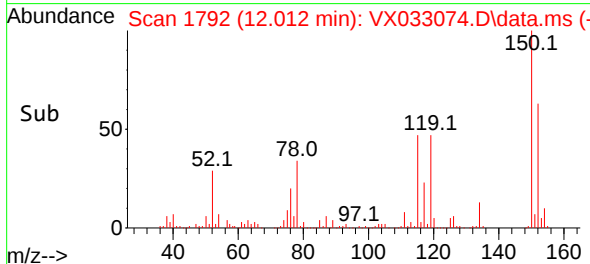
Instrument :
MSVOA_X
ClientSampleId :
DUP111822



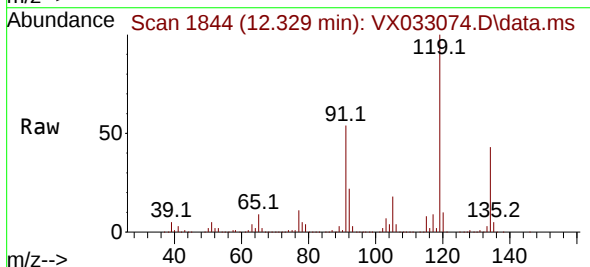
Tgt Ion: 119 Resp: 43318
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.7
91 0.0 12.5 37.5

Manual Integrations
APPROVED

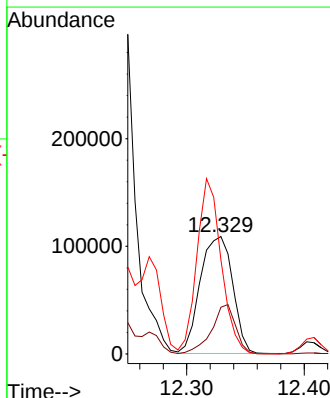
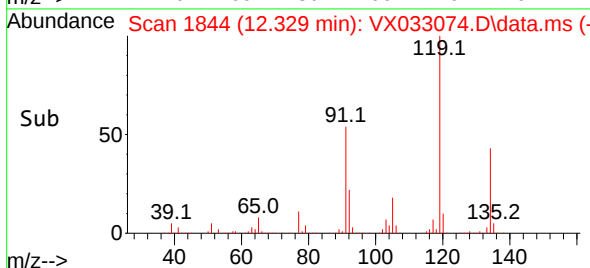
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

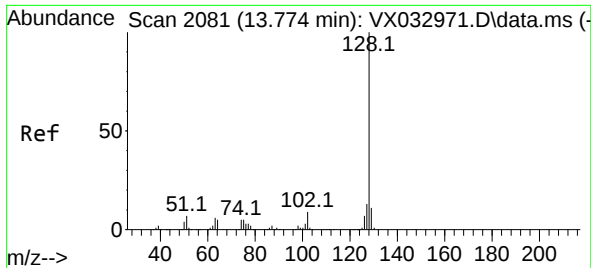


#89
n-Butylbenzene
Concen: 33.343 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37



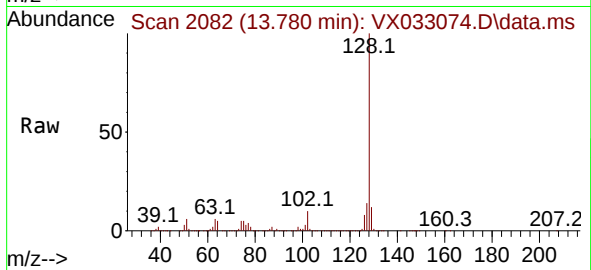
Tgt Ion: 91 Resp: 208938
Ion Ratio Lower Upper
91 100
92 31.5 26.2 78.6
134 111.9 12.9 38.6





#95
Naphthalene
Concen: 472.840 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX033074.D
Acq: 25 Nov 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
DUP111822



Tgt Ion:128 Resp: 363106
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

