

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
 Data File : VX033973.D
 Acq On : 31 Jan 2023 15:51
 Operator : JC/MD
 Sample : 01370-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20230113-H4-STOCKPILE

Quant Time: Feb 01 02:14:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

02/01/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	170221	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	235115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83542	46.612	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.220%		
35) Dibromofluoromethane	5.385	113	72243	49.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	8.659	98	274700	51.642	ug/l	0.01
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.280%		
62) 4-Bromofluorobenzene	11.079	95	90637	45.893	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.780%		
Target Compounds						
						Qvalue
16) Acetone	2.374	43	28862	33.588	ug/l	96
17) Carbon Disulfide	2.514	76	2700	2.564	ug/l #	84
18) Methyl Acetate	2.703	43	4896	1.957	ug/l #	73
25) 2-Butanone	4.568	43	8260	7.054	ug/l	96
31) Cyclohexane	5.477	56	72184	27.370	ug/l	100
37) Ethyl Acetate	4.708	43	20864	7.853	ug/l	99
39) Methylcyclohexane	7.385	83	114819	43.636	ug/l	99
40) Benzene	6.098	78	36805566	5926.320	ug/l #	69
43) Isopropyl Acetate	6.342	43	84047	24.986	ug/l	98
52) Toluene	8.763	92	23044503	5745.823	ug/l #	71
67) Ethyl Benzene	10.214	91	17121413	2357.683	ug/l #	66
68) m/p-Xylenes	10.323	106	9857583	3470.464	ug/l	78
69) o-Xylene	10.659	106	5552890	1971.297	ug/l	85
73) Isopropylbenzene	10.963	105	748456	114.622	ug/l	98
78) n-propylbenzene	11.305	91	725002	86.999	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1070838	174.255	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2976211	511.989	ug/l	97
85) sec-Butylbenzene	11.890	105	14251m	1.953	ug/l	
86) p-Isopropyltoluene	12.012	119	31916m	5.108	ug/l	
89) n-Butylbenzene	12.323	91	39823m	7.791	ug/l	
95) Naphthalene	13.786	128	12476006m	1933.349	ug/l	

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

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Sample : 01370-01
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

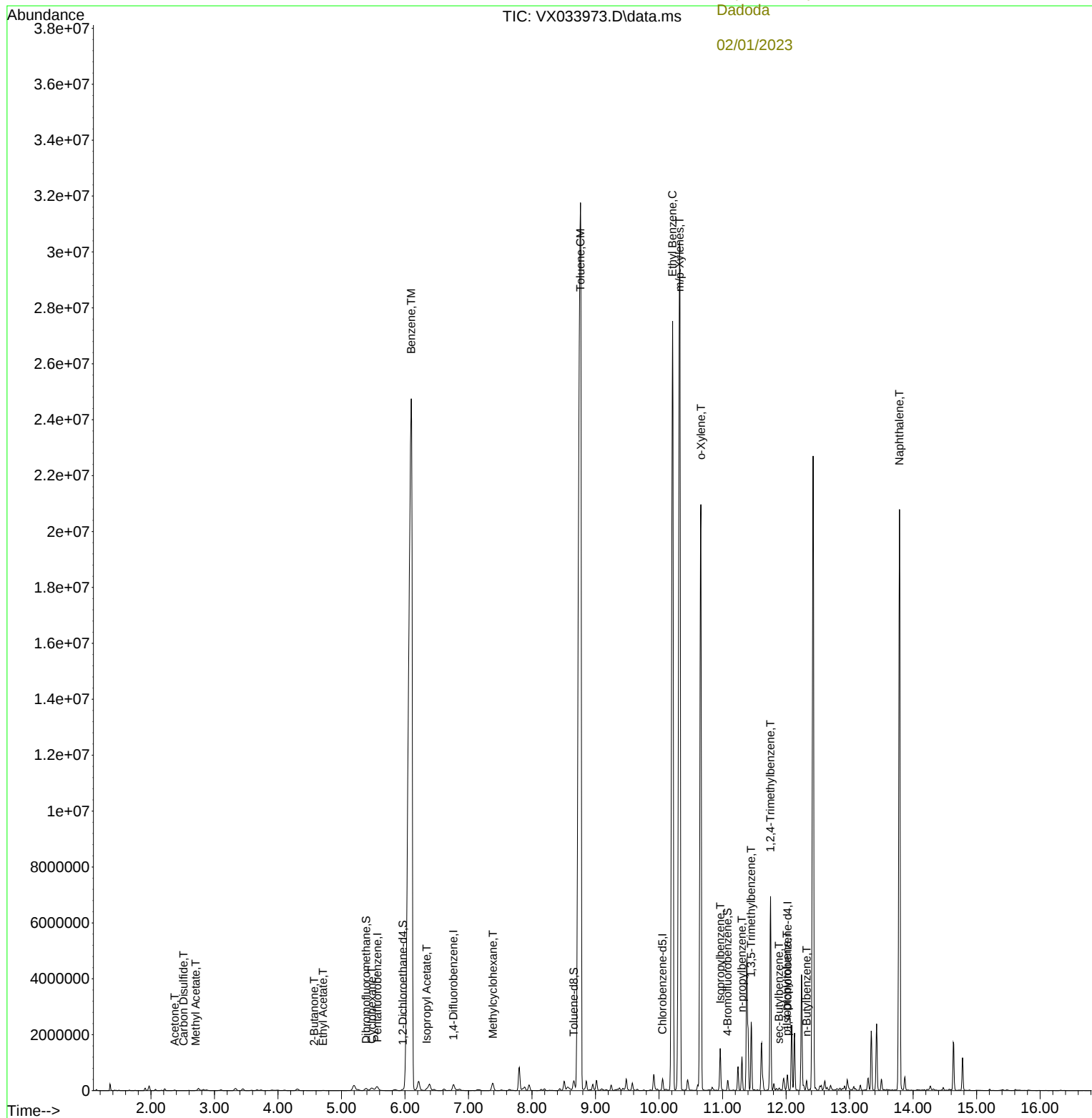
Quant Time: Feb 01 02:14:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

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02/01/2023
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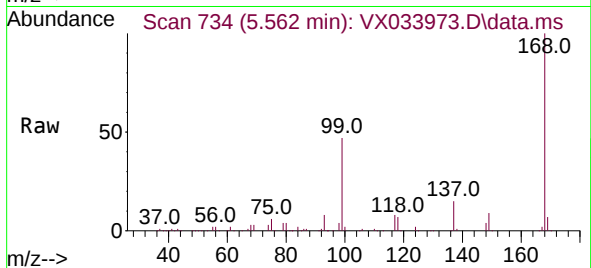
02/01/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



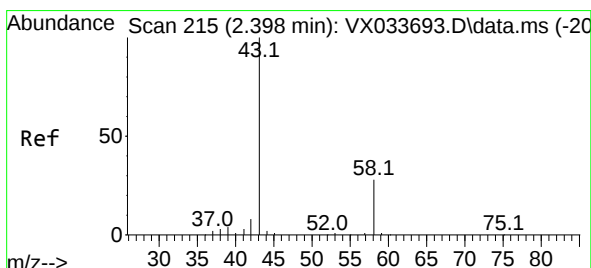
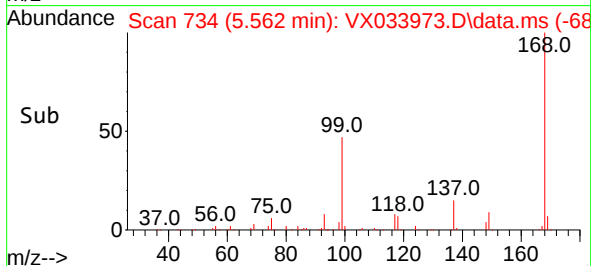
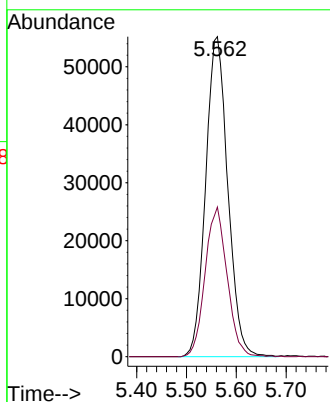
Tgt Ion:168 Resp: 17022
Ion Ratio Lower Upper
168 100
99 46.8 39.6 59.4

Manual Integrations
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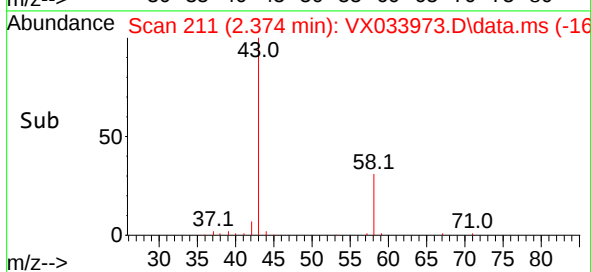
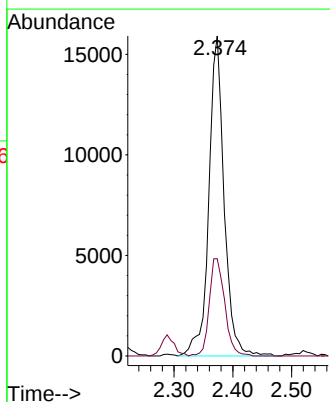
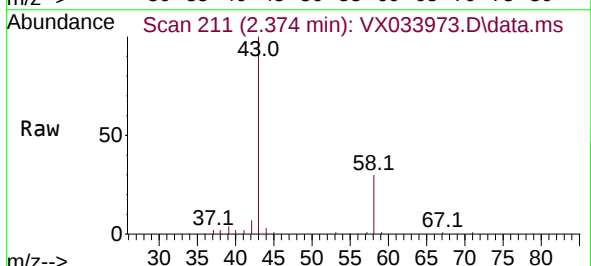
02/01/2023
Supervised By :Mahesh
Dadoda

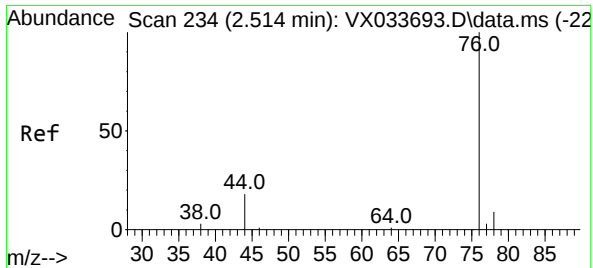
02/01/2023



#16
Acetone
Concen: 33.588 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.024 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

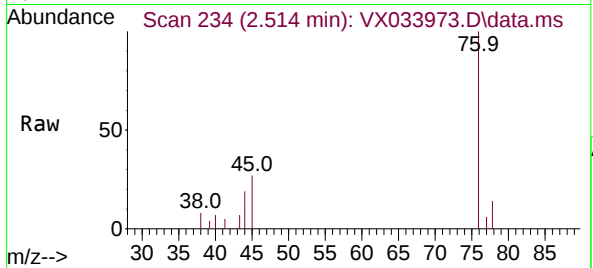
Tgt Ion: 43 Resp: 28862
Ion Ratio Lower Upper
43 100
58 30.4 22.6 33.8





#17
Carbon Disulfide
Concen: 2.564 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



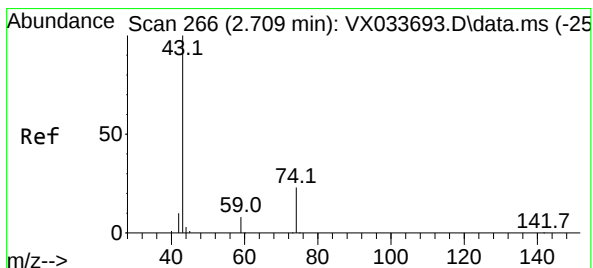
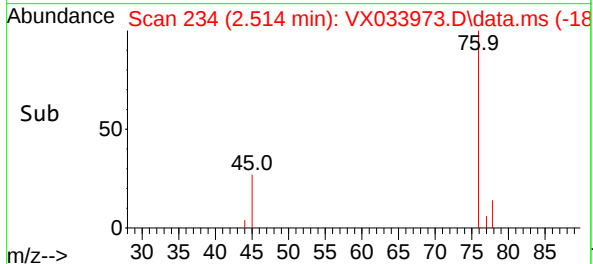
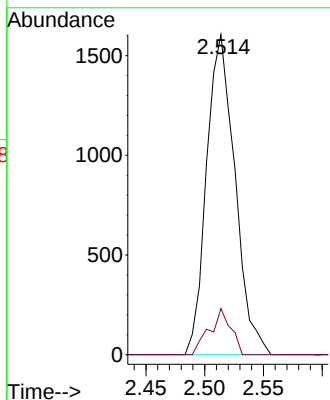
Tgt Ion: 76 Resp: 2700
Ion Ratio Lower Upper
76 100
78 14.4 7.0 10.6

Manual Integrations
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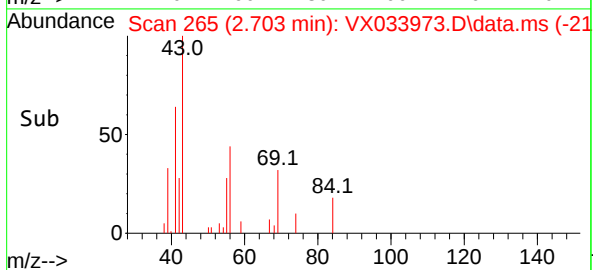
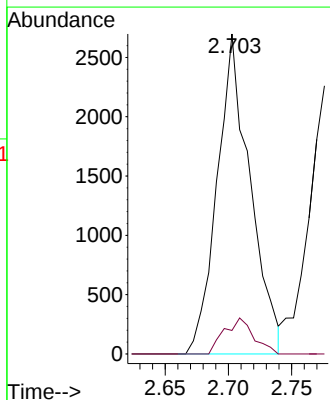
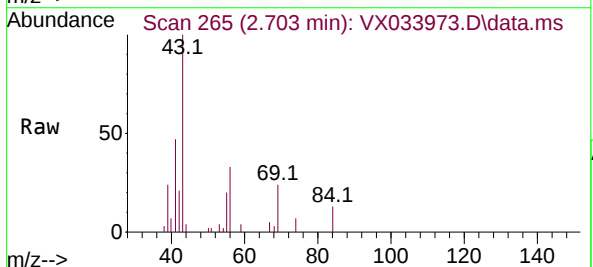
02/01/2023
Supervised By :Mahesh
Dadoda

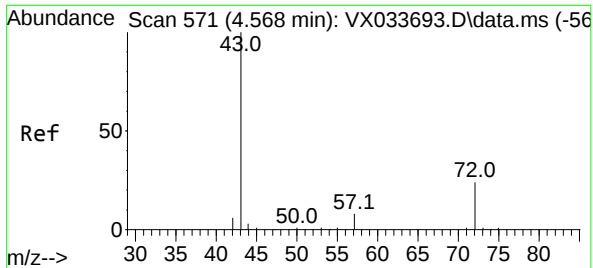
02/01/2023



#18
Methyl Acetate
Concen: 1.957 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

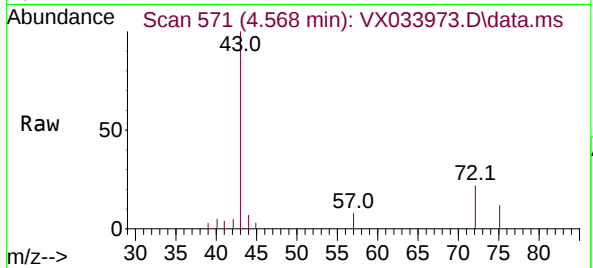
Tgt Ion: 43 Resp: 4896
Ion Ratio Lower Upper
43 100
74 9.9 18.2 27.4





#25
2-Butanone
Concen: 7.054 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



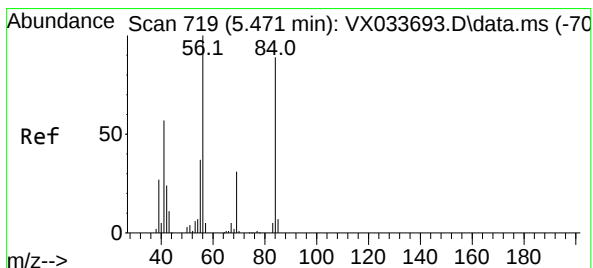
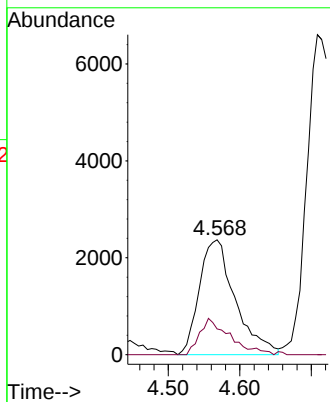
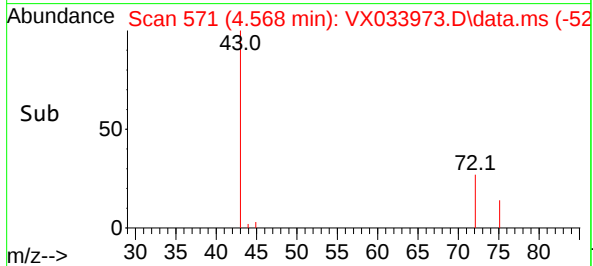
Tgt Ion: 43 Resp: 8260
Ion Ratio Lower Upper
43 100
72 22.4 19.4 29.2

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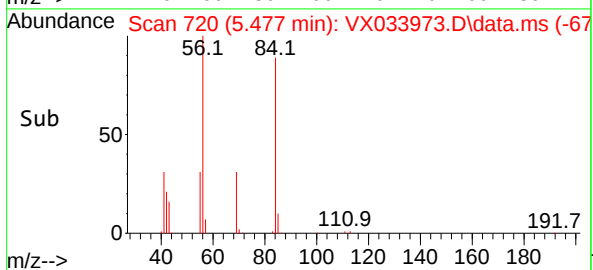
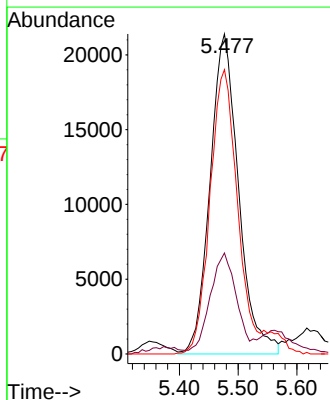
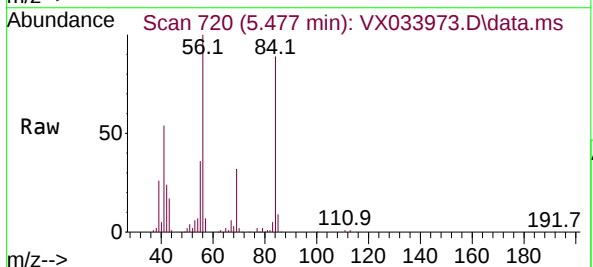
02/01/2023
Supervised By :Mahesh
Dadoda

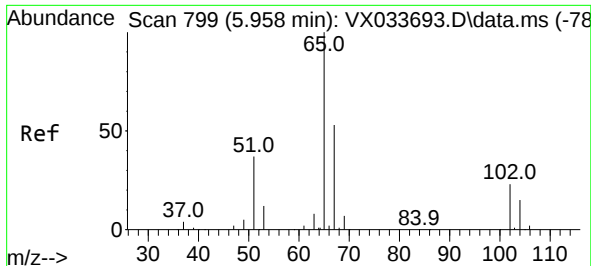
02/01/2023



#31
Cyclohexane
Concen: 27.370 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 56 Resp: 72184
Ion Ratio Lower Upper
56 100
69 30.4 24.6 37.0
84 89.1 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 46.612 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

20230113-H4-STOCKPILE

Tgt Ion: 65 Resp: 8354

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8

Manual Integrations

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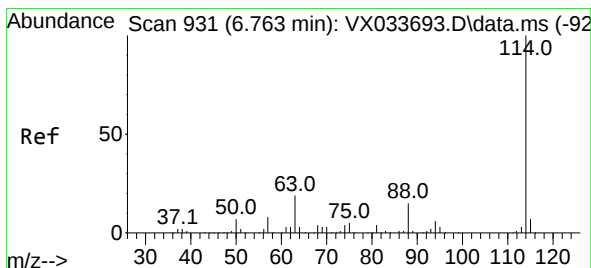
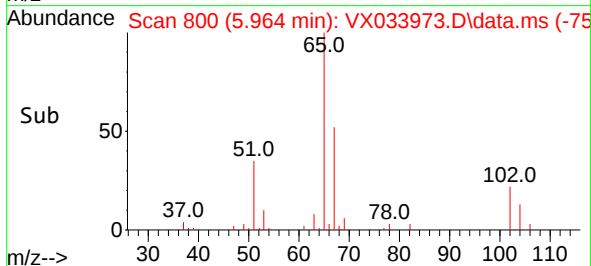
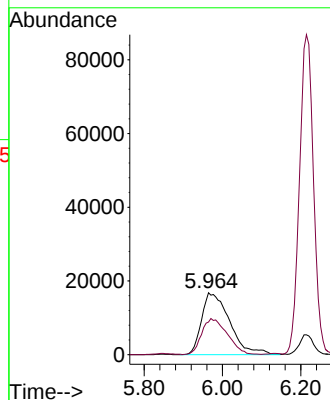
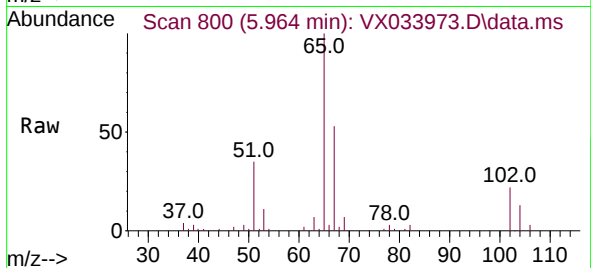
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02/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

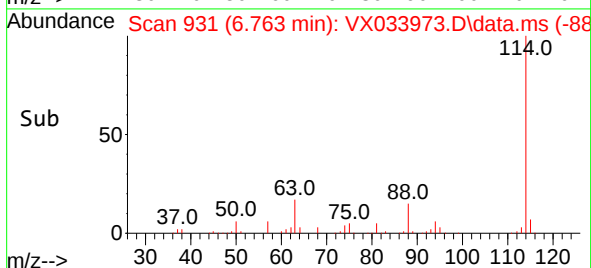
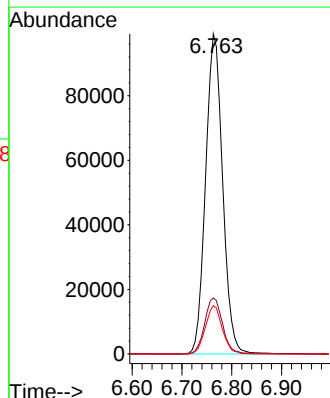
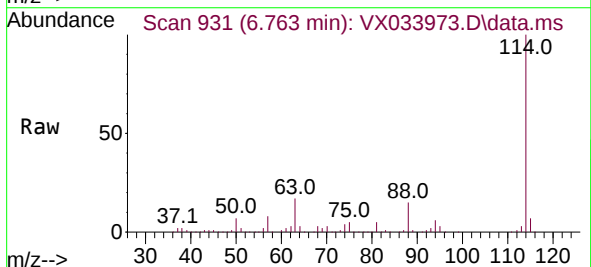
Tgt Ion:114 Resp: 235115

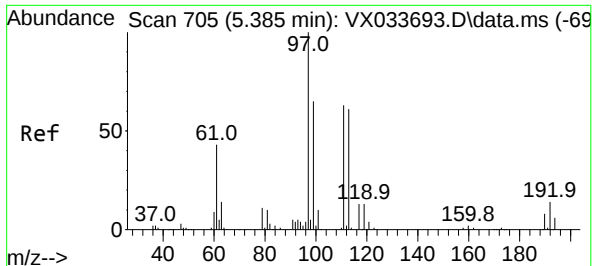
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.4

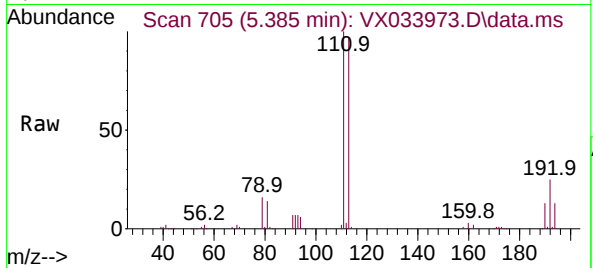
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.484 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



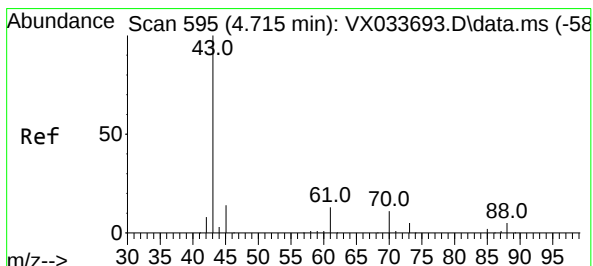
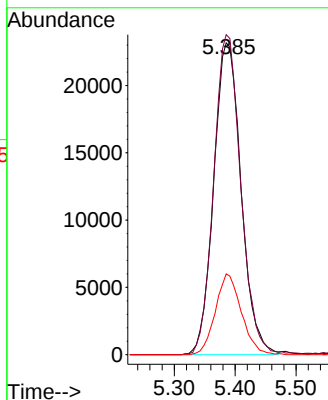
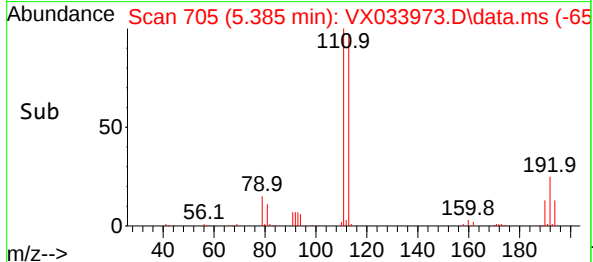
Tgt Ion: 113 Resp: 7224
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 24.5 19.0 28.4

Manual Integrations
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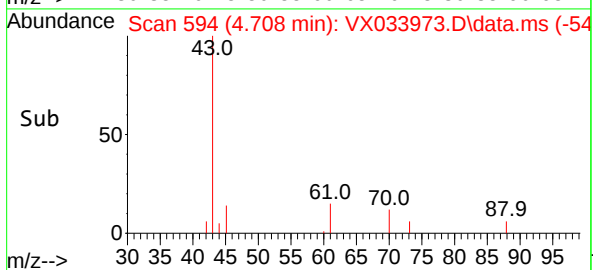
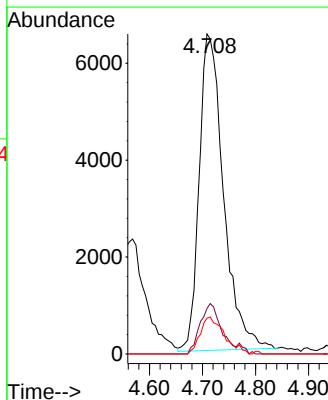
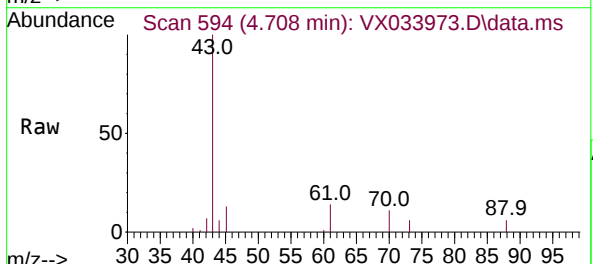
02/01/2023
Supervised By :Mahesh
Dadoda

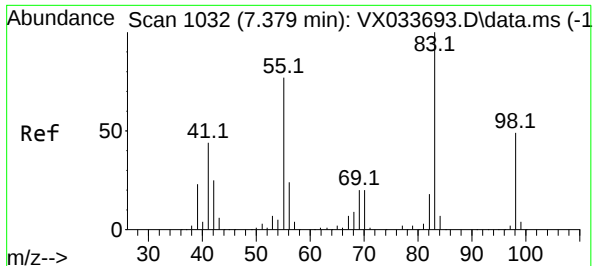
02/01/2023



#37
Ethyl Acetate
Concen: 7.853 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 43 Resp: 20864
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 11.5 8.5 12.7





#39

Methylcyclohexane

Concen: 43.636 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

20230113-H4-STOCKPILE

Tgt Ion: 83 Resp: 114819

Ion Ratio Lower Upper

83 100

55 77.3 61.8 92.6

98 51.3 39.3 58.9

Manual Integrations

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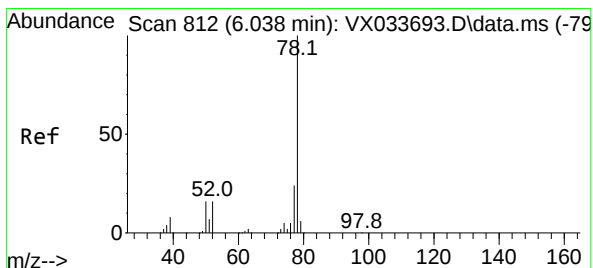
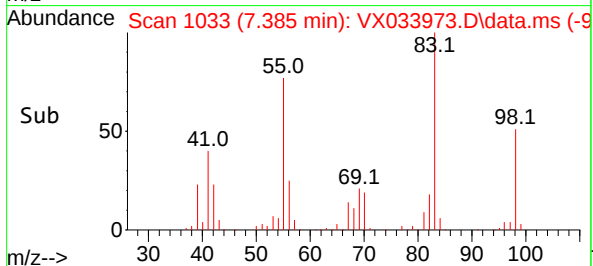
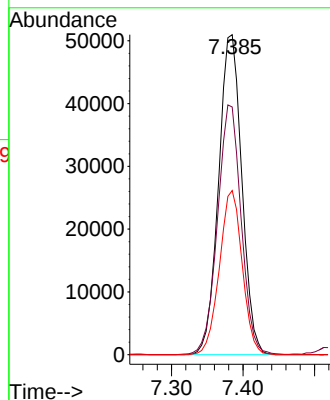
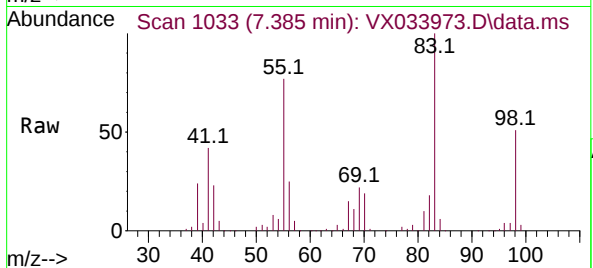
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02/01/2023



#40

Benzene

Concen: 5926.320 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.061 min

Lab File: VX033973.D

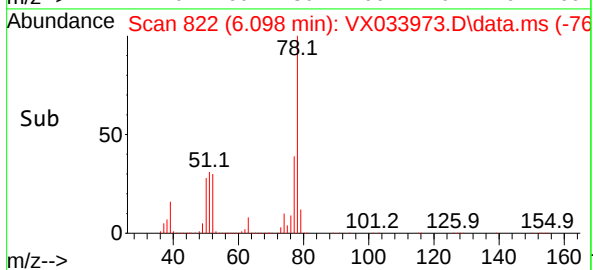
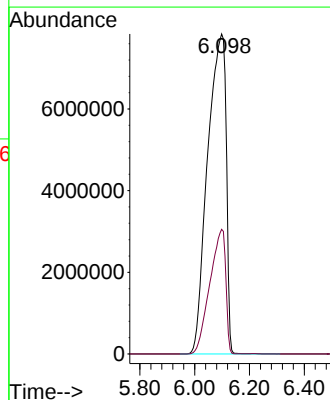
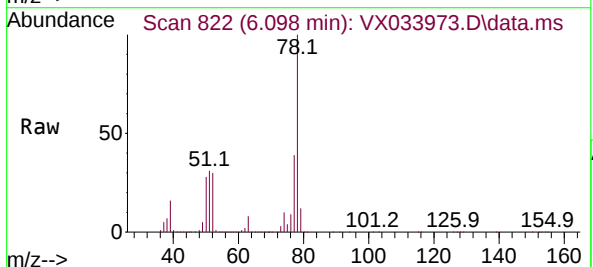
Acq: 31 Jan 2023 15:51

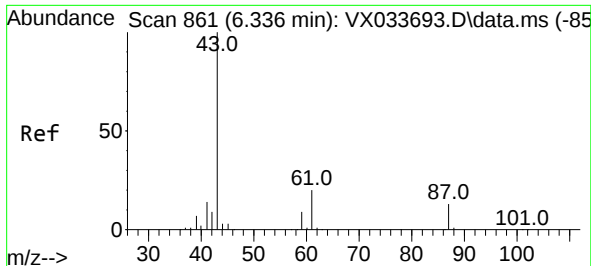
Tgt Ion: 78 Resp:36805566

Ion Ratio Lower Upper

78 100

77 39.0 19.0 28.4#





#43
Isopropyl Acetate
Concen: 24.986 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

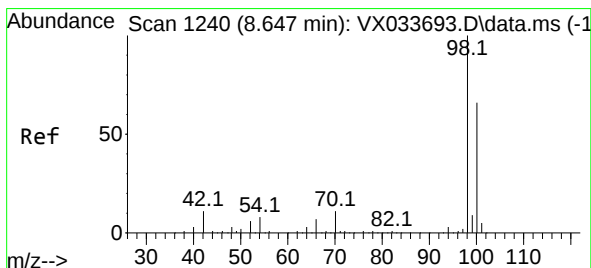
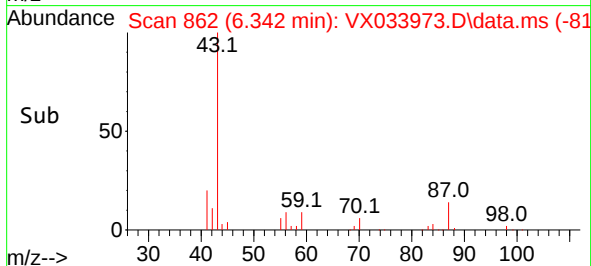
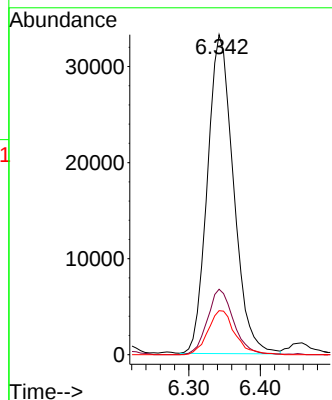
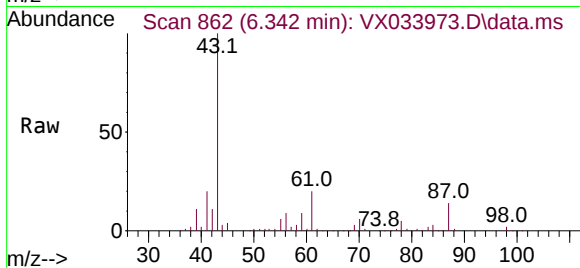
Tgt Ion: 43 Resp: 8404
Ion Ratio Lower Upper
43 100
61 20.6 15.7 23.5
87 14.3 10.6 15.8

Manual Integrations
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Carlone

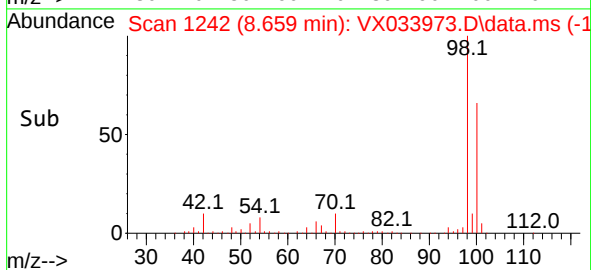
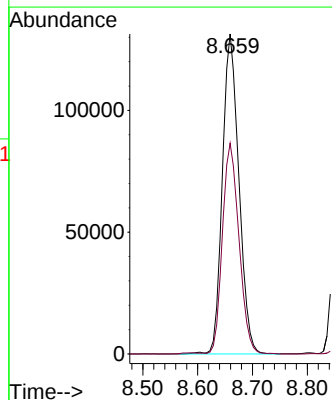
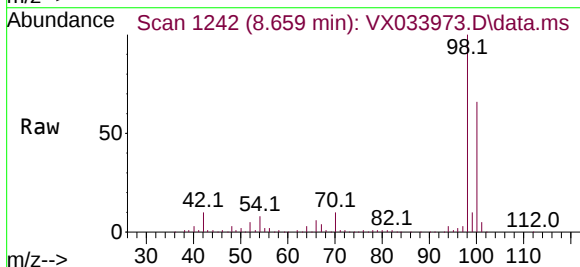
02/01/2023
Supervised By :Mahesh
Dadoda

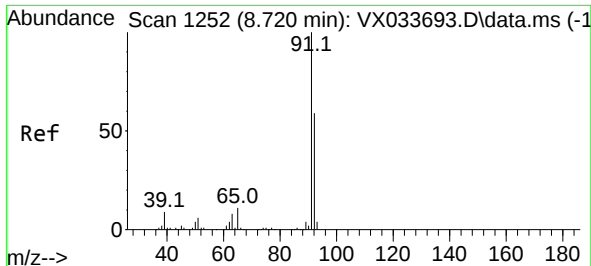
02/01/2023



#50
Toluene-d8
Concen: 51.642 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.012 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

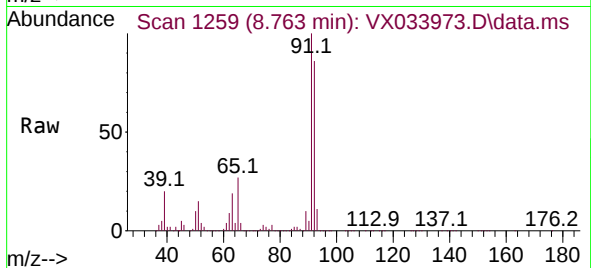
Tgt Ion: 98 Resp: 274700
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4





#52
Toluene
Concen: 5745.823 ug/l
RT: 8.763 min Scan# 11
Delta R.T. 0.043 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



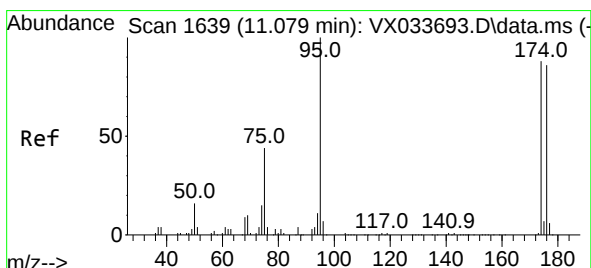
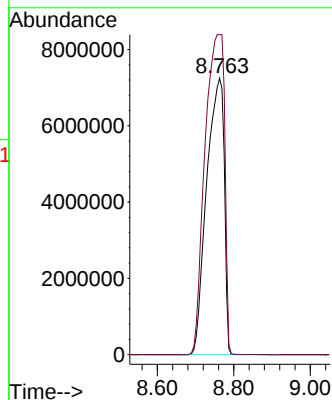
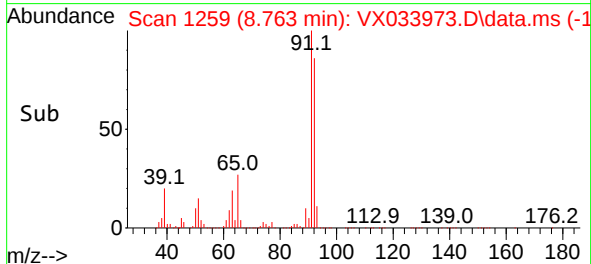
Tgt Ion: 92 Resp: 2304450
Ion Ratio Lower Upper
92 100
91 129.8 135.5 203.3

Manual Integrations
APPROVED

Reviewed By :John
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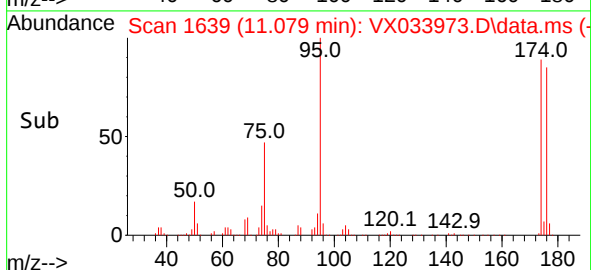
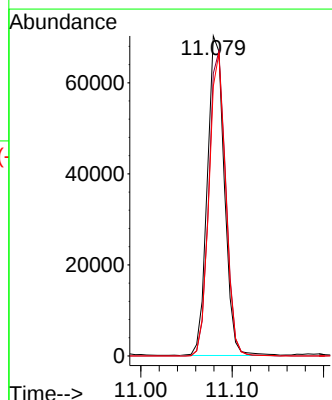
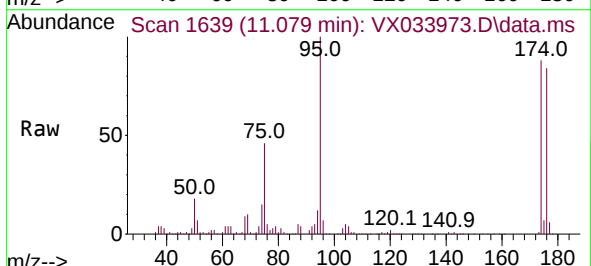
02/01/2023
Supervised By :Mahesh
Dadoda

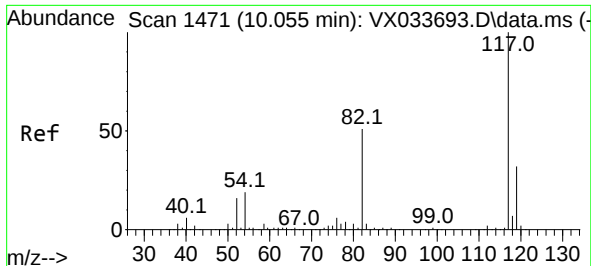
02/01/2023



#62
4-Bromofluorobenzene
Concen: 45.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

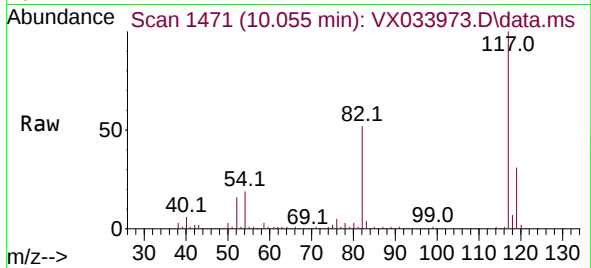
Tgt Ion: 95 Resp: 90637
Ion Ratio Lower Upper
95 100
174 94.7 0.0 184.4
176 92.6 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



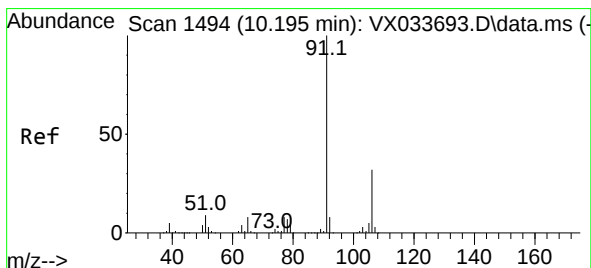
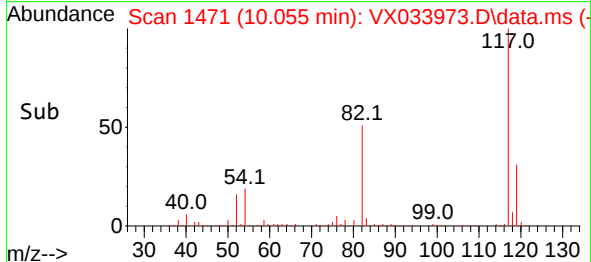
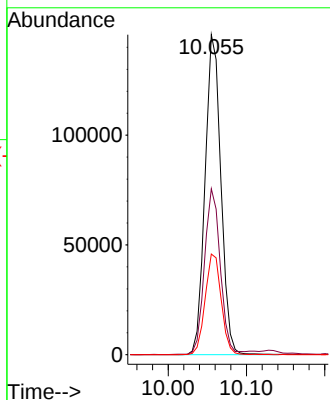
Tgt Ion:117 Resp: 204308
Ion Ratio Lower Upper
117 100
82 51.7 40.6 60.8
119 31.5 25.6 38.4

Manual Integrations
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Reviewed By :John
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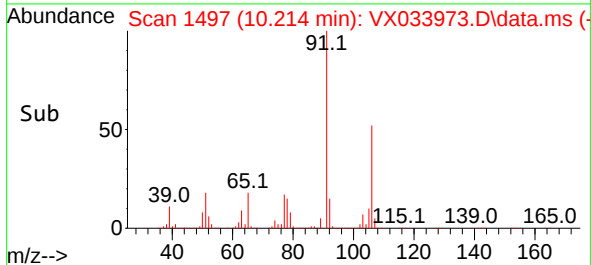
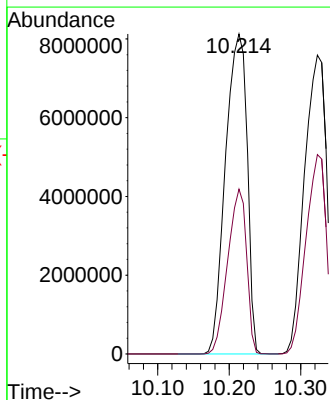
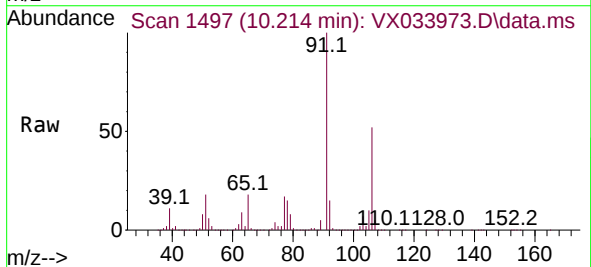
02/01/2023
Supervised By :Mahesh
Dadoda

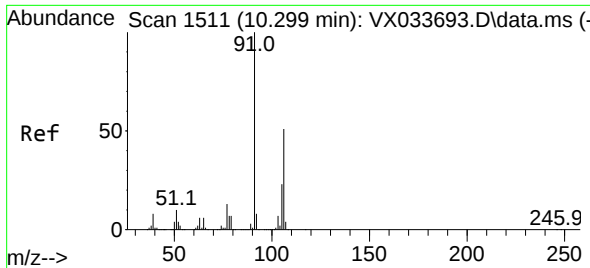
02/01/2023



#67
Ethyl Benzene
Concen: 2357.683 ug/l
RT: 10.214 min Scan# 1497
Delta R.T. 0.018 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

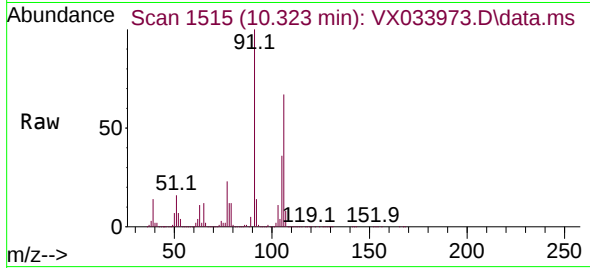
Tgt Ion: 91 Resp:17121413
Ion Ratio Lower Upper
91 100
106 51.5 25.8 38.8#





#68
m/p-Xylenes
Concen: 3470.464 ug/l
RT: 10.323 min Scan# 1511
Delta R.T. 0.024 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



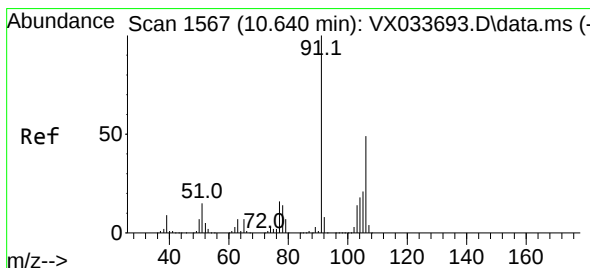
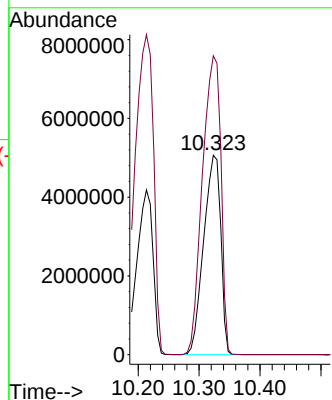
Tgt Ion:106 Resp: 9857583
Ion Ratio Lower Upper
106 100
91 162.1 156.4 234.6

Manual Integrations
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Reviewed By :John
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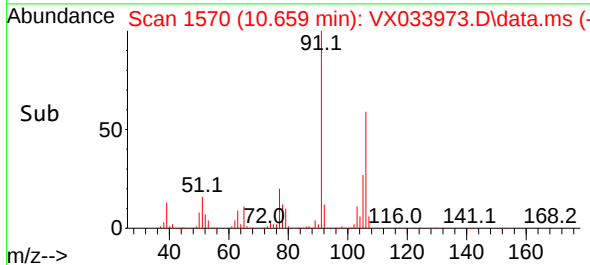
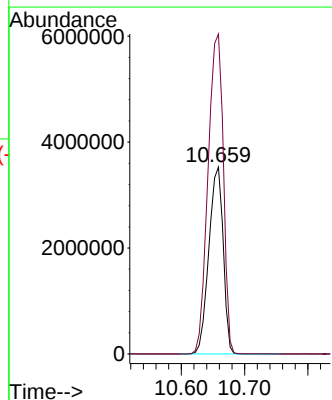
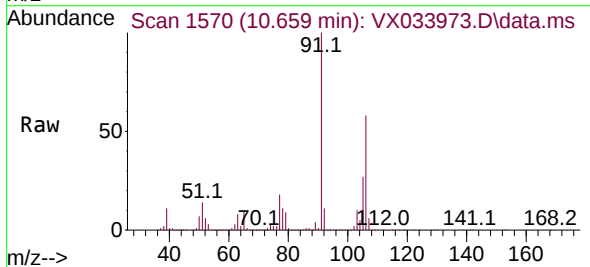
02/01/2023
Supervised By :Mahesh
Dadoda

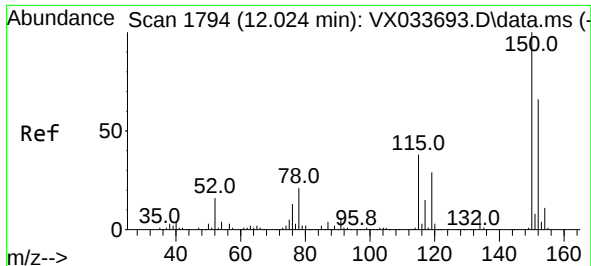
02/01/2023



#69
o-Xylene
Concen: 1971.297 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.018 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

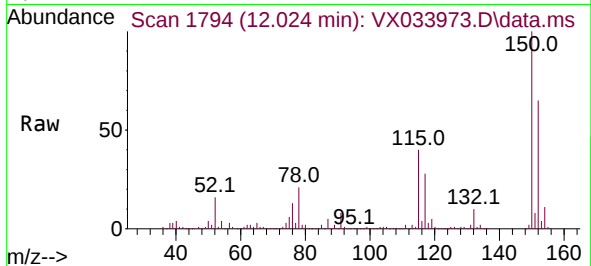
Tgt Ion:106 Resp: 5552890
Ion Ratio Lower Upper
106 100
91 183.1 103.1 309.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



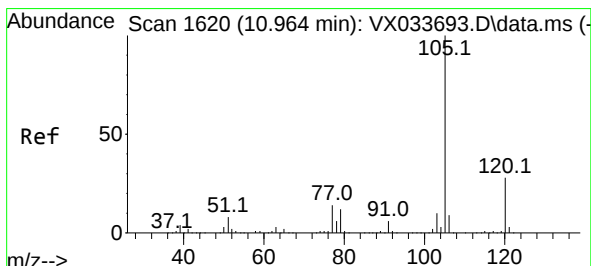
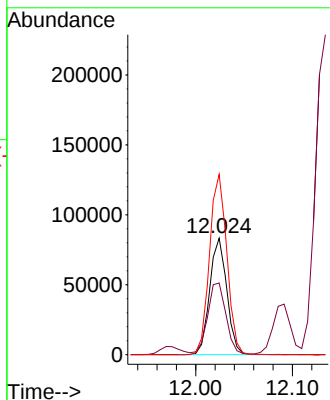
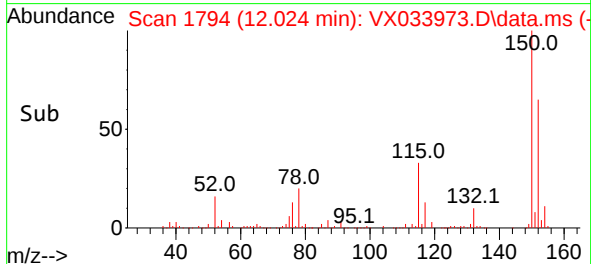
Tgt Ion:152 Resp: 102120
Ion Ratio Lower Upper
152 100
115 64.8 38.7 116.1
150 157.0 0.0 348.2

Manual Integrations
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Reviewed By :John
Carlone

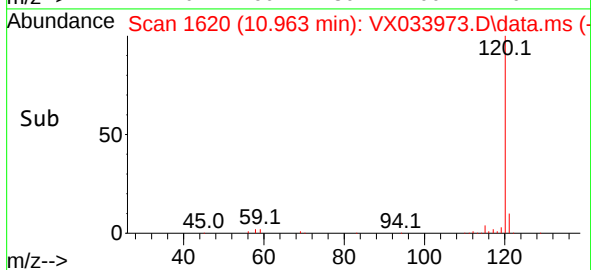
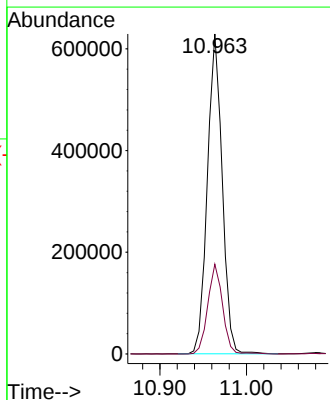
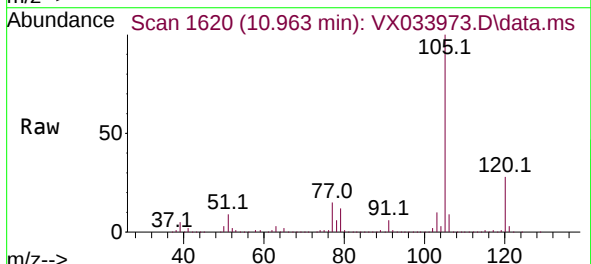
02/01/2023
Supervised By :Mahesh
Dadoda

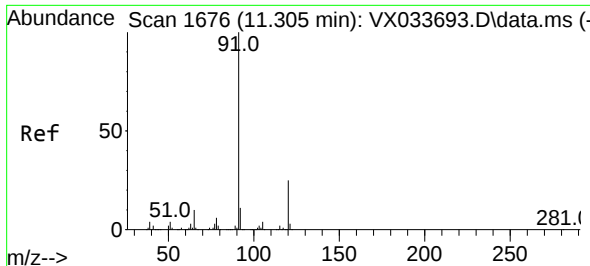
02/01/2023



#73
Isopropylbenzene
Concen: 114.622 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

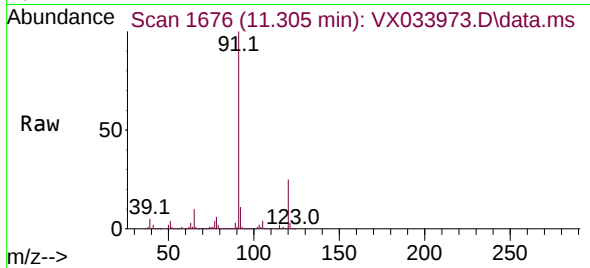
Tgt Ion:105 Resp: 748456
Ion Ratio Lower Upper
105 100
120 28.1 13.6 40.8





#78
n-propylbenzene
Concen: 86.999 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



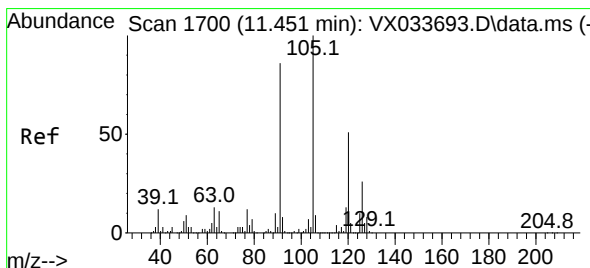
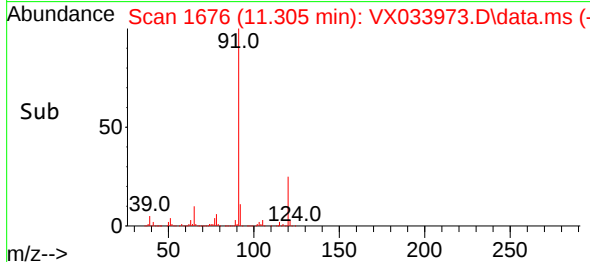
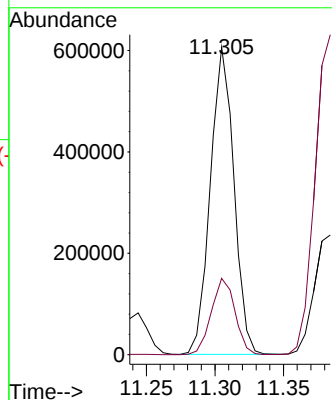
Tgt Ion: 91 Resp: 72500
Ion Ratio Lower Upper
91 100
120 25.0 12.3 36.8

Manual Integrations
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Reviewed By :John
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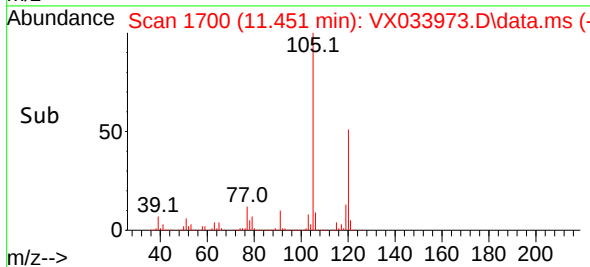
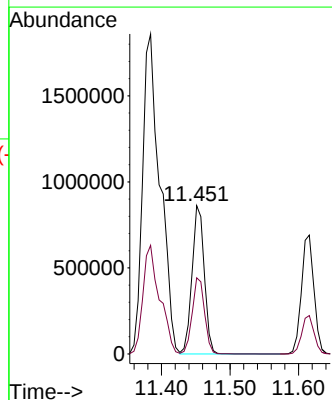
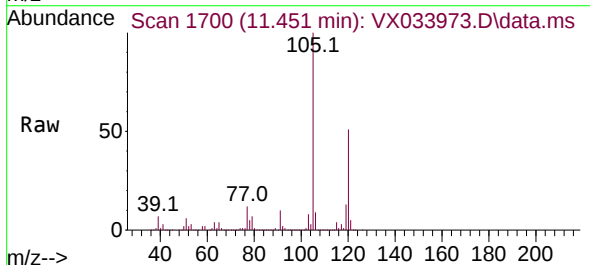
02/01/2023
Supervised By :Mahesh
Dadoda

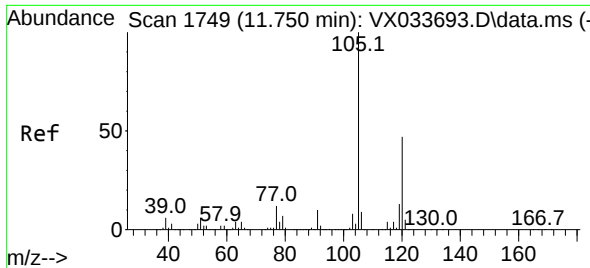
02/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 174.255 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

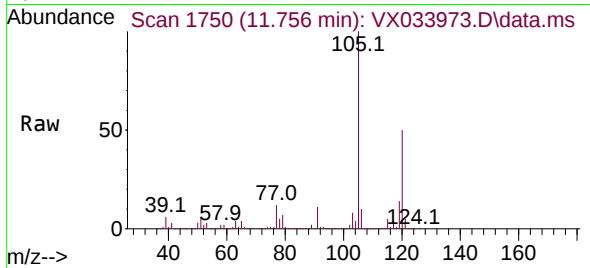
Tgt Ion:105 Resp: 1070838
Ion Ratio Lower Upper
105 100
120 51.5 25.6 76.8





#84
1,2,4-Trimethylbenzene
Concen: 511.989 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



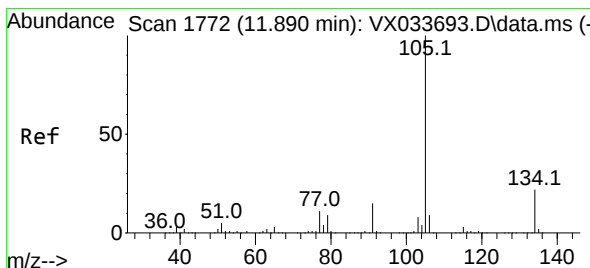
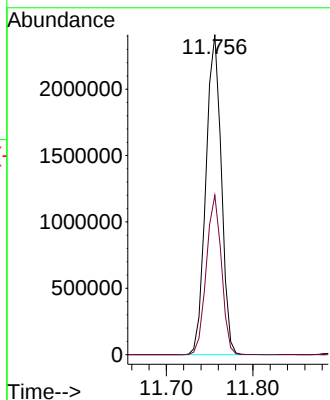
Tgt Ion:105 Resp: 297621
Ion Ratio Lower Upper
105 100
120 48.9 23.4 70.2

Manual Integrations
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Reviewed By :John
Carlone

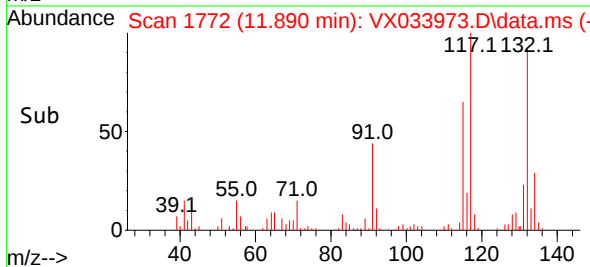
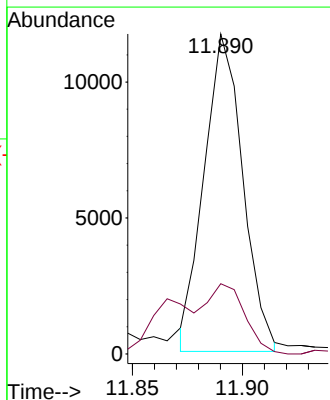
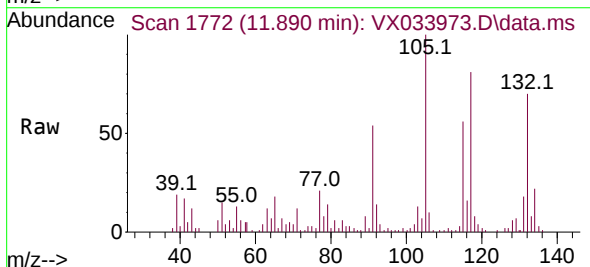
02/01/2023
Supervised By :Mahesh
Dadoda

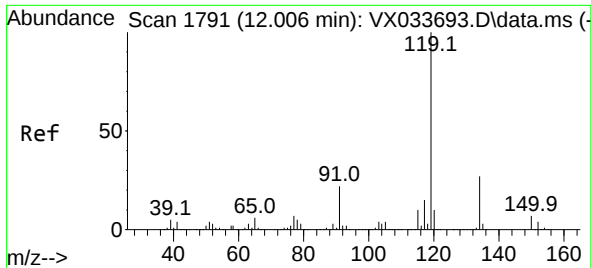
02/01/2023



#85
sec-Butylbenzene
Concen: 1.953 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

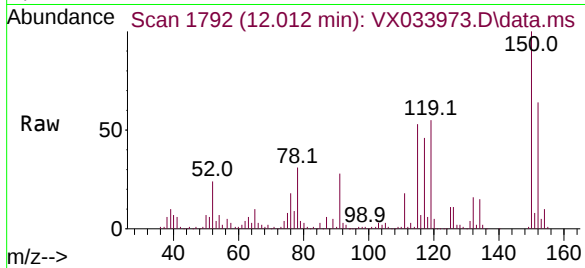
Tgt Ion:105 Resp: 14251
Ion Ratio Lower Upper
105 100
134 0.0 10.8 32.3#





#86
p-Isopropyltoluene
Concen: 5.108 ug/l m
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



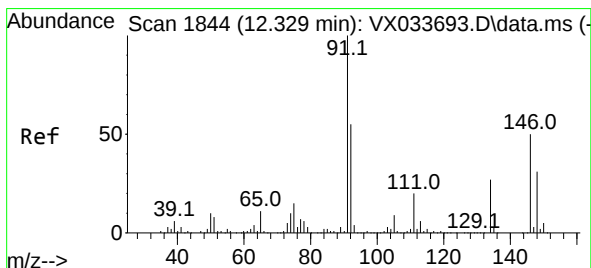
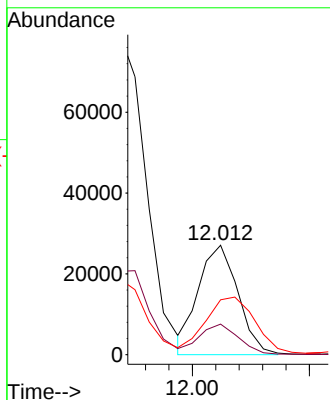
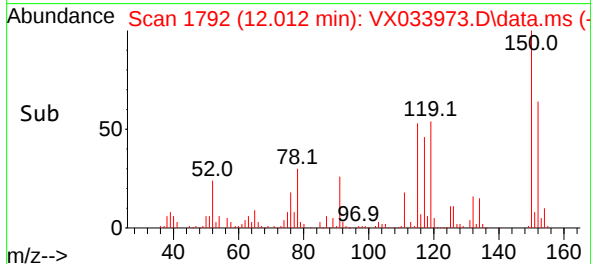
Tgt Ion: 119 Resp: 31910
Ion Ratio Lower Upper
119 100
134 84.8 13.6 40.8#
91 79.7 11.0 33.0#

Manual Integrations
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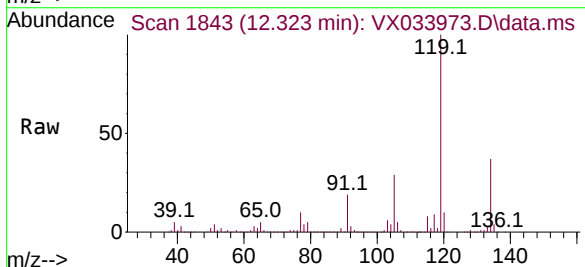
Reviewed By :John
Carlone

02/01/2023
Supervised By :Mahesh
Dadoda

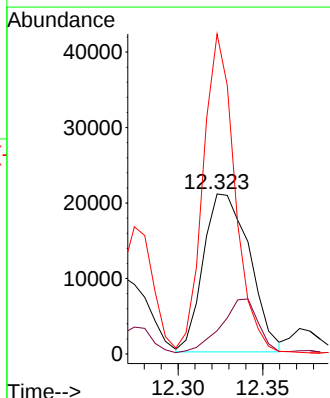
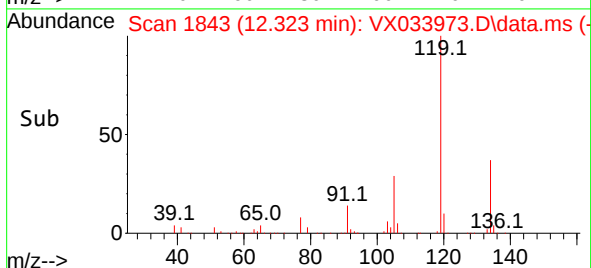
02/01/2023

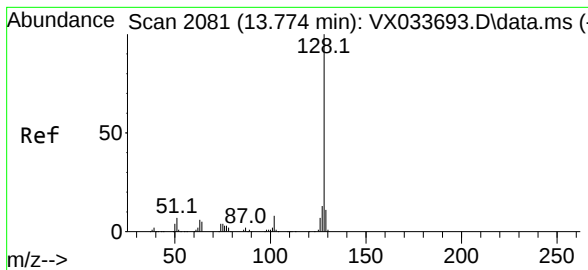


#89
n-Butylbenzene
Concen: 7.791 ug/l m
RT: 12.323 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51



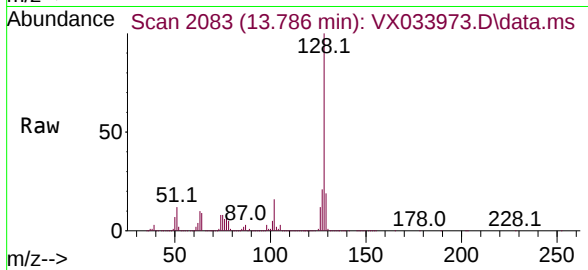
Tgt Ion: 91 Resp: 39823
Ion Ratio Lower Upper
91 100
92 0.0 27.5 82.5#
134 0.0 14.3 42.9#





#95
Naphthalene
Concen: 1933.349 ug/l m
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



Tgt Ion:128 Resp:12476000
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5
129 0.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

02/01/2023
Supervised By :Mahesh
Dadoda

02/01/2023

