

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035090.D
 Acq On : 14 Apr 2023 17:53
 Operator : JC/MD
 Sample : 02285-01
 Misc : 1.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0588

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 08:57:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	259260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166831	42.076	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.160%		
35) Dibromofluoromethane	5.385	113	118853	41.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.440%		
50) Toluene-d8	8.647	98	527608	49.579	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.160%		
62) 4-Bromofluorobenzene	11.085	95	199842	48.528	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.060%		
Target Compounds					Qvalue	
16) Acetone	2.428	43	9920	6.159	ug/l	100
25) 2-Butanone	4.648	43	4732m	2.020	ug/l	
39) Methylcyclohexane	7.379	83	127863	28.190	ug/l	95
52) Toluene	8.720	92	5641927	705.706	ug/l	88
67) Ethyl Benzene	10.195	91	261075	17.704	ug/l	98
68) m/p-Xylenes	10.299	106	273611	48.573	ug/l	99
69) o-Xylene	10.640	106	123791	22.433	ug/l	100
73) Isopropylbenzene	10.963	105	55042	4.238	ug/l	99
78) n-propylbenzene	11.305	91	176967	11.794	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	165071	15.199	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	632586	57.277	ug/l	99
85) sec-Butylbenzene	11.890	105	60459	4.873	ug/l	82
86) p-Isopropyltoluene	12.012	119	36324	3.511	ug/l	98
89) n-Butylbenzene	12.335	91	159997	17.701	ug/l #	53
95) Naphthalene	13.780	128	115074	9.754	ug/l #	86

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

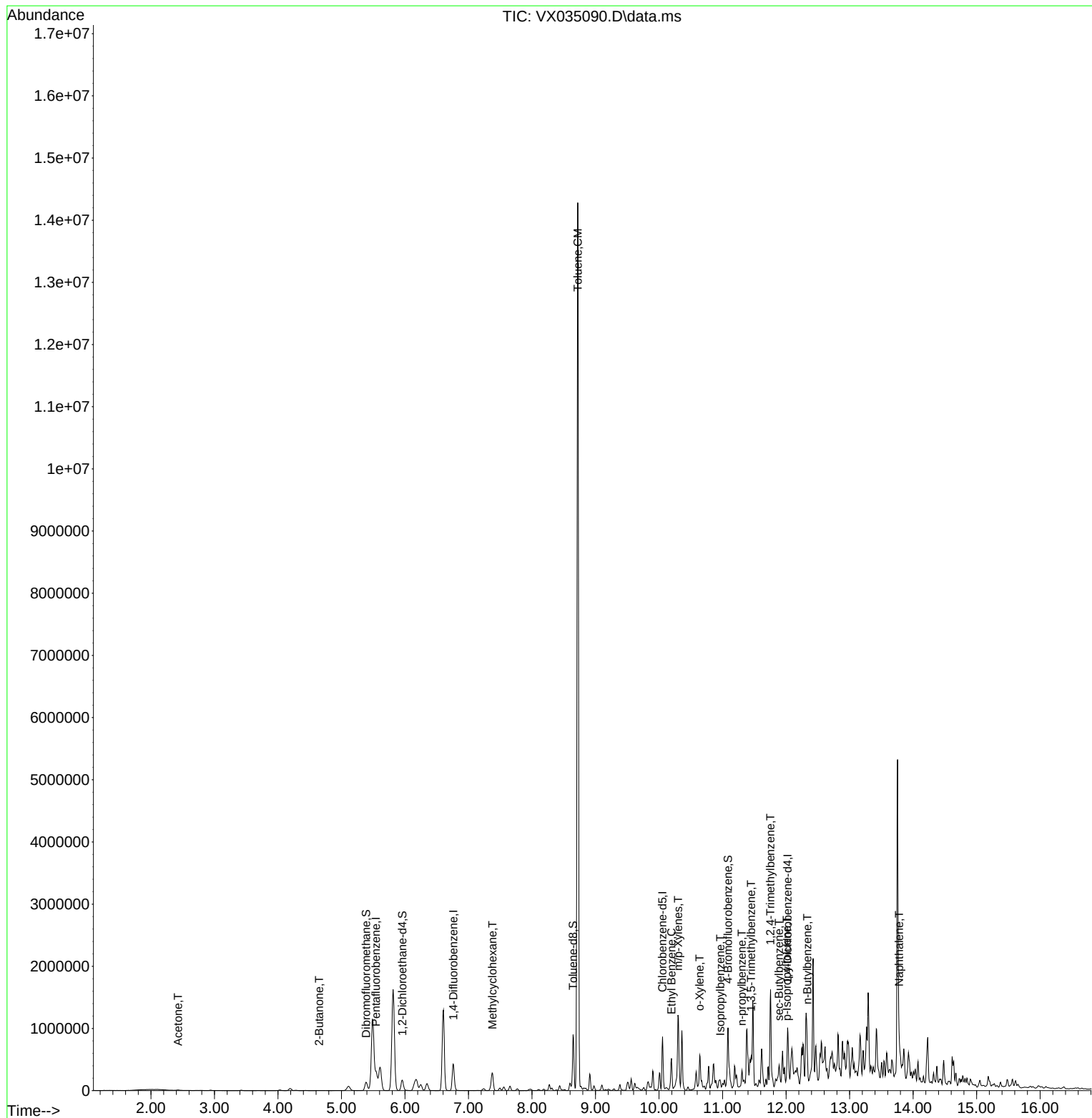
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
Data File : VX035090.D
Acq On : 14 Apr 2023 17:53
Operator : JC/MD
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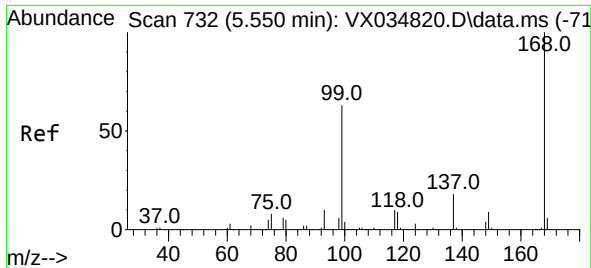
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588

Quant Time: Apr 17 08:57:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

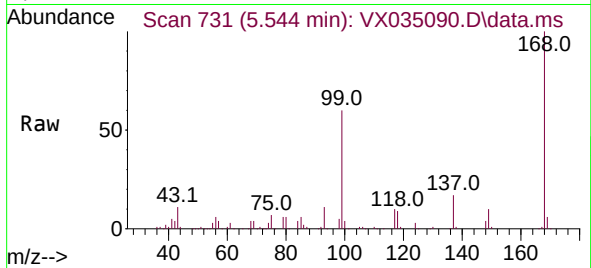
Reviewed By : John Carlone 04/17/2023
Supervised By : Mahesh Dadoda 04/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

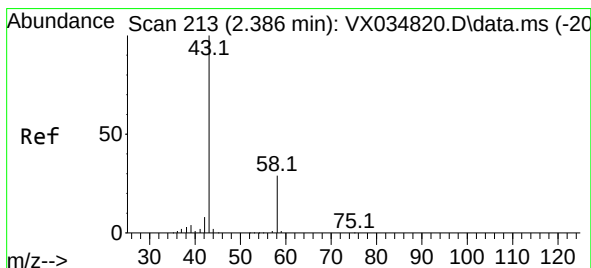
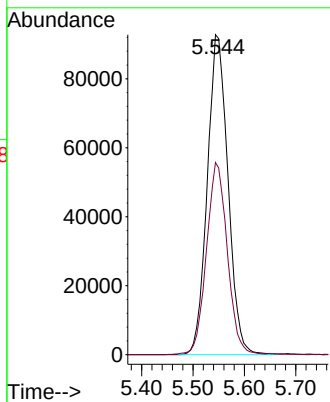
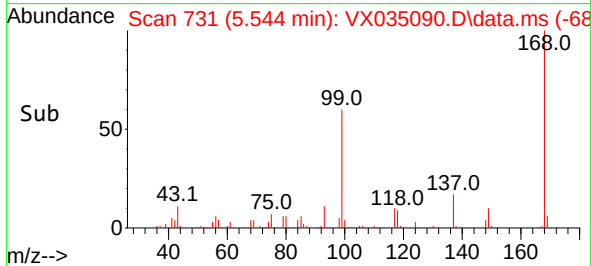
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588



Tgt Ion:168 Resp: 259260
Ion Ratio Lower Upper
168 100
99 59.9 45.7 68.5

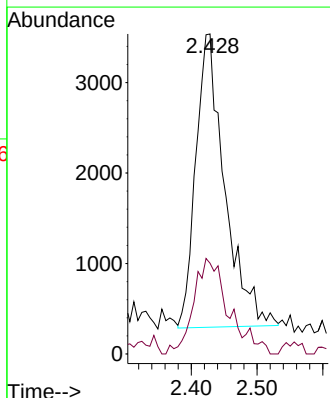
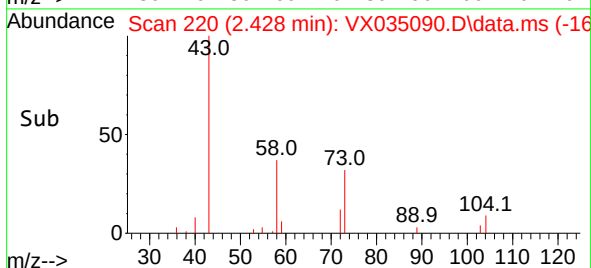
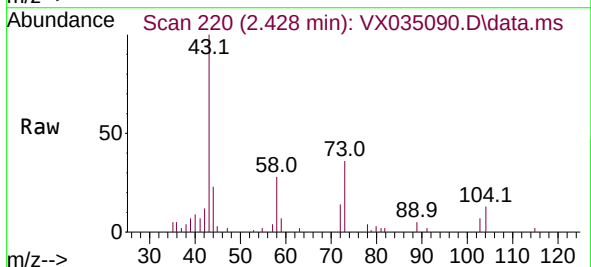
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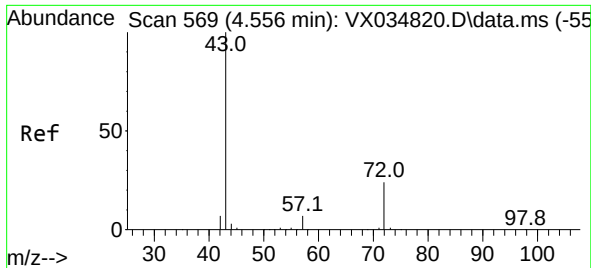
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#16
Acetone
Concen: 6.159 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.043 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Tgt Ion: 43 Resp: 9920
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1





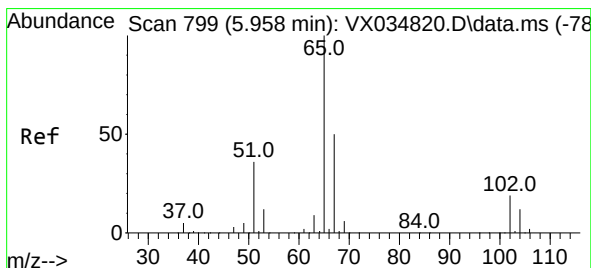
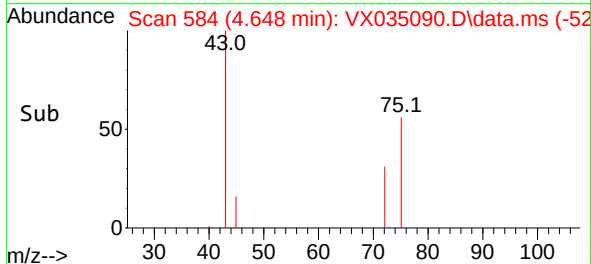
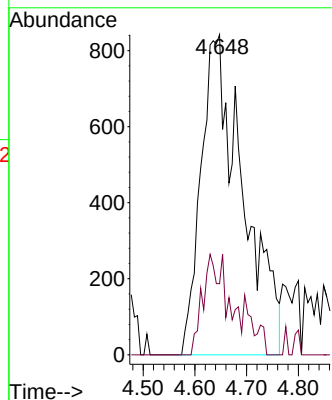
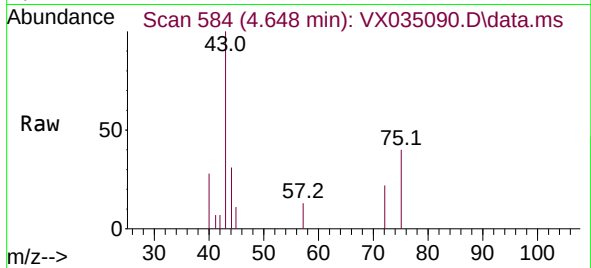
#25
2-Butanone
Concen: 2.020 ug/l m
RT: 4.648 min Scan# 584
Delta R.T. 0.091 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :
ORA-0588

Tgt Ion: 43 Resp: 4732
Ion Ratio Lower Upper
43 100
72 22.2 19.3 28.9

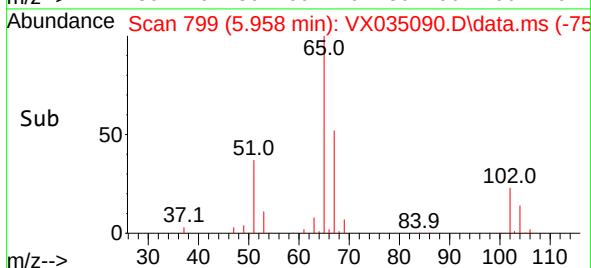
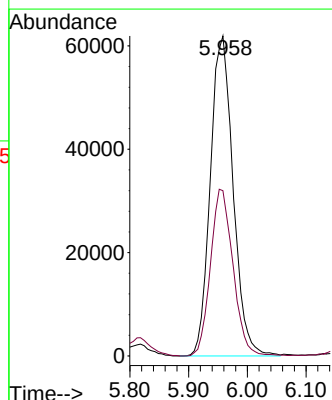
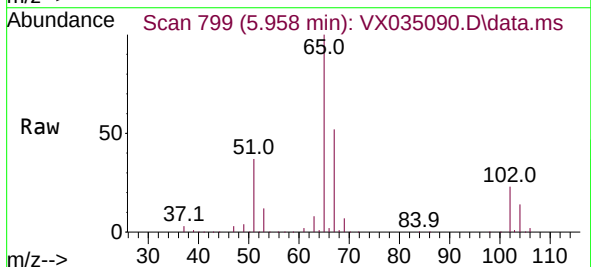
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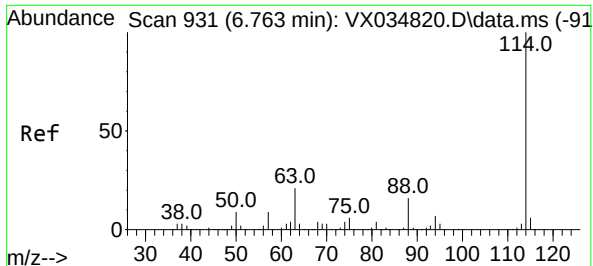
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#33
1,2-Dichloroethane-d4
Concen: 42.076 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Tgt Ion: 65 Resp: 166831
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0





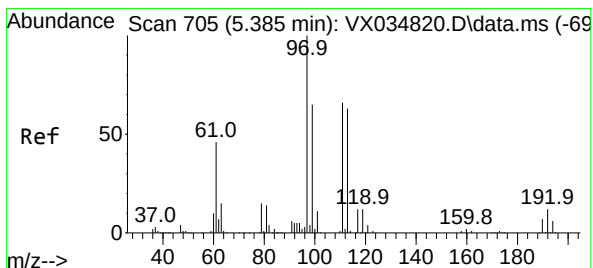
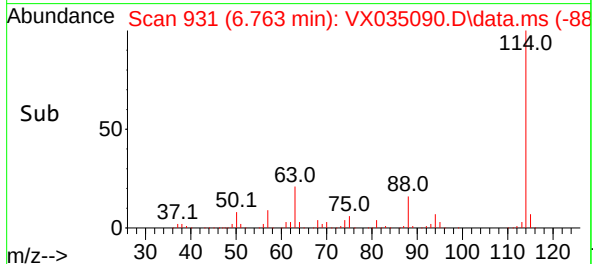
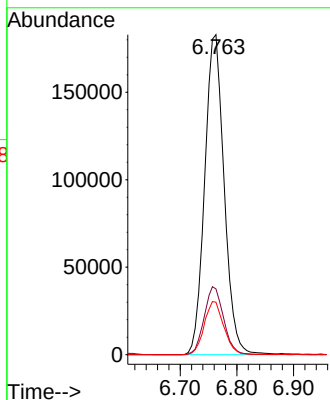
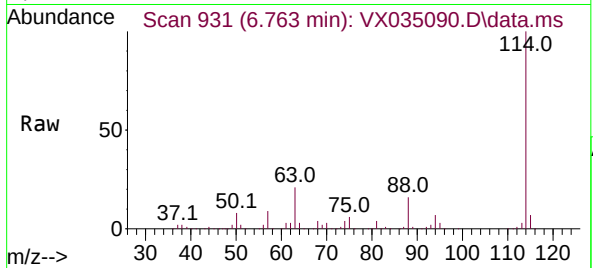
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :
ORA-0588

Tgt Ion:114 Resp: 435897
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 16.4 0.0 33.2

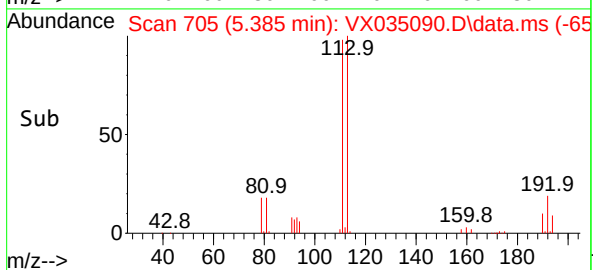
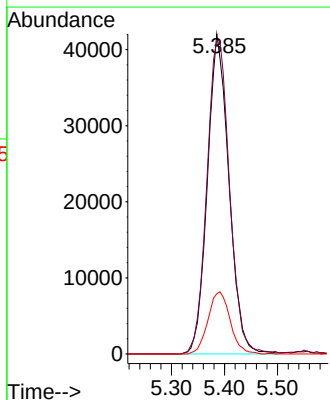
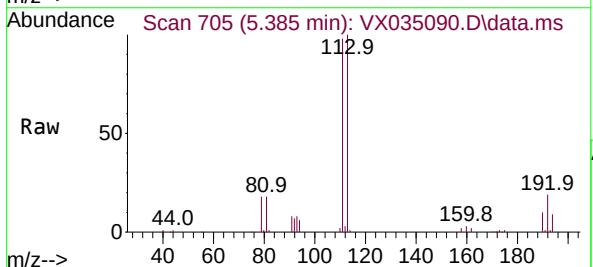
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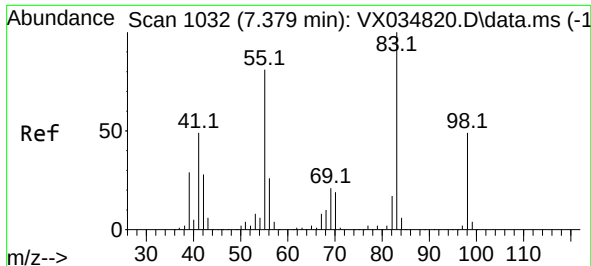
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#35
Dibromofluoromethane
Concen: 41.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Tgt Ion:113 Resp: 118853
Ion Ratio Lower Upper
113 100
111 103.5 83.7 125.5
192 19.9 15.4 23.2





#39

Methylcyclohexane

Concen: 28.190 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035090.D

Acq: 14 Apr 2023 17:53

Instrument :

MSVOA_X

ClientSampleId :

ORA-0588

Tgt Ion: 83 Resp: 12786

Ion Ratio Lower Upper

83 100

55 80.8 60.5 90.7

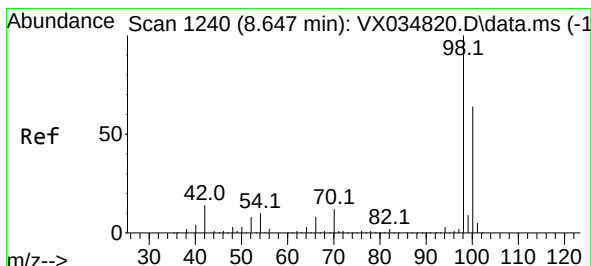
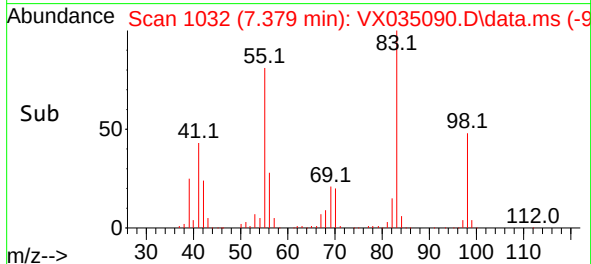
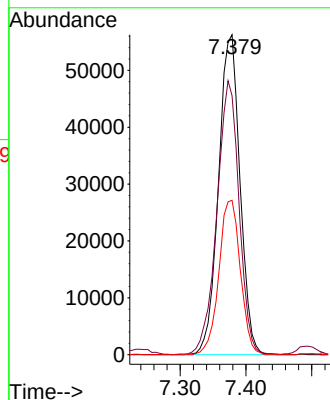
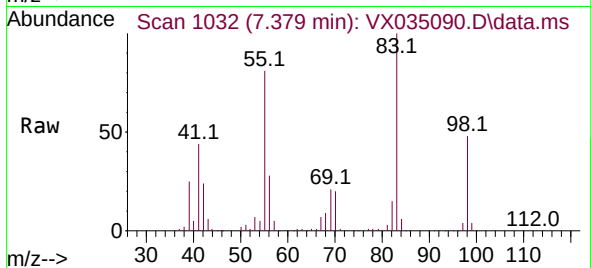
98 48.2 40.4 60.6

Manual Integrations

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Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#50

Toluene-d8

Concen: 49.579 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035090.D

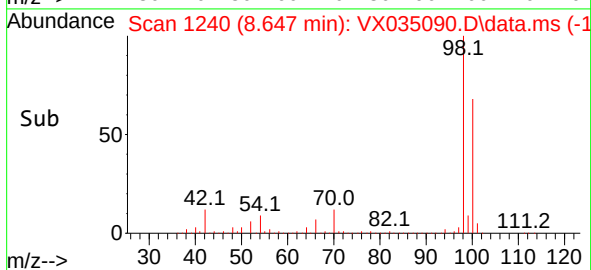
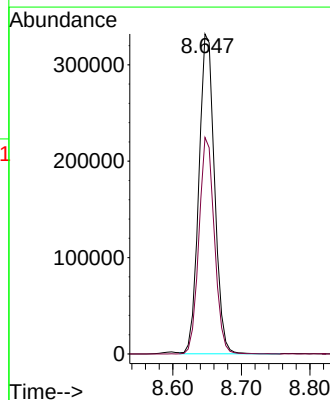
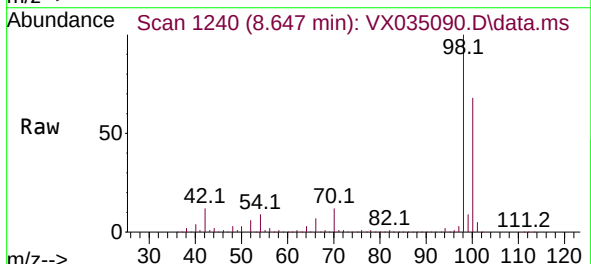
Acq: 14 Apr 2023 17:53

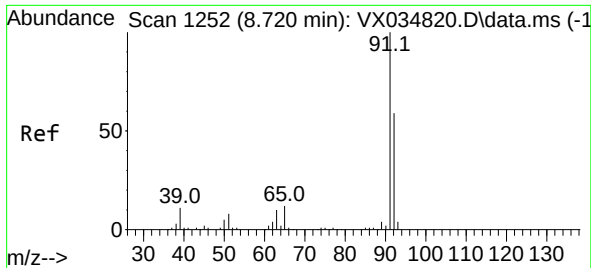
Tgt Ion: 98 Resp: 527608

Ion Ratio Lower Upper

98 100

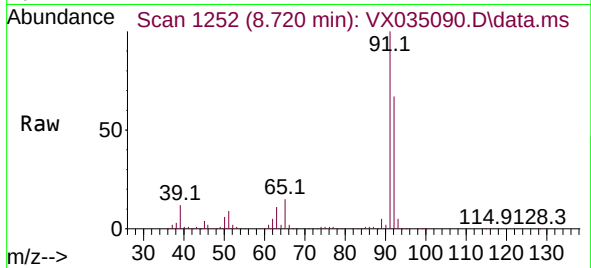
100 66.8 52.5 78.7





#52
Toluene
Concen: 705.706 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

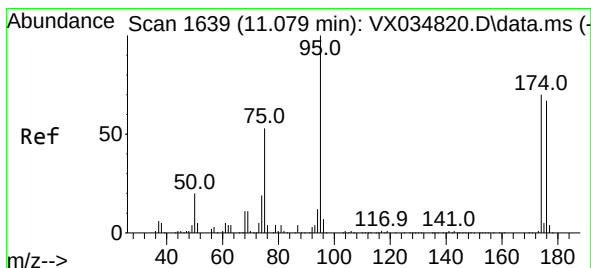
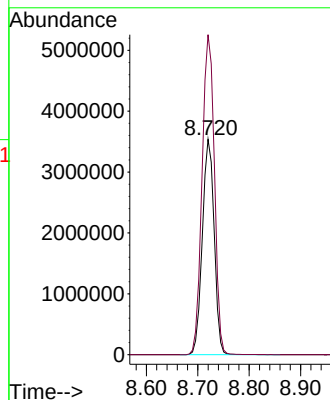
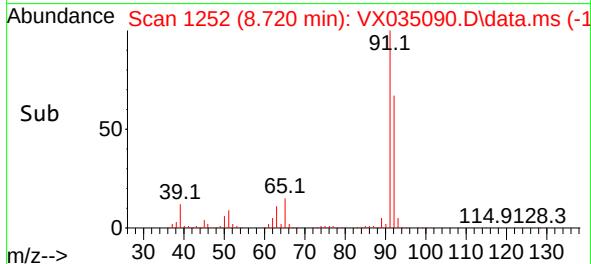
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588



Tgt Ion: 92 Resp: 564192
Ion Ratio Lower Upper
92 100
91 155.1 136.8 205.2

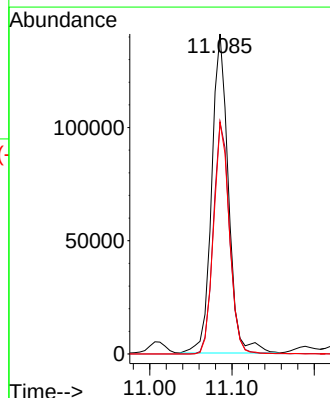
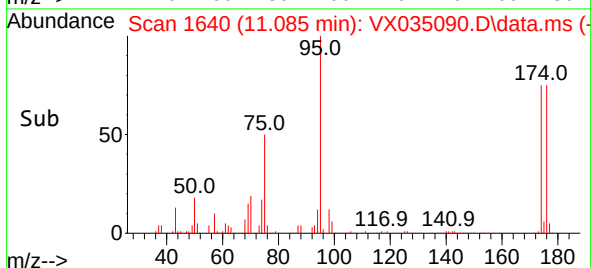
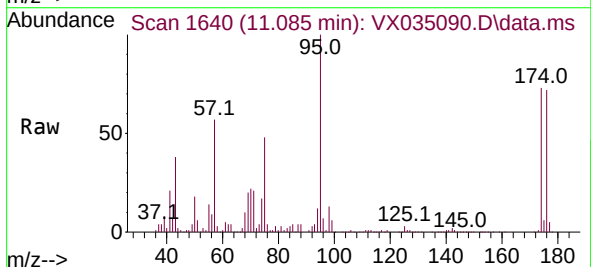
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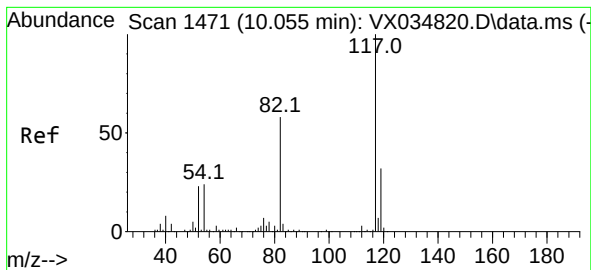
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#62
4-Bromofluorobenzene
Concen: 48.528 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Tgt Ion: 95 Resp: 199842
Ion Ratio Lower Upper
95 100
174 69.7 0.0 147.4
176 68.6 0.0 140.6





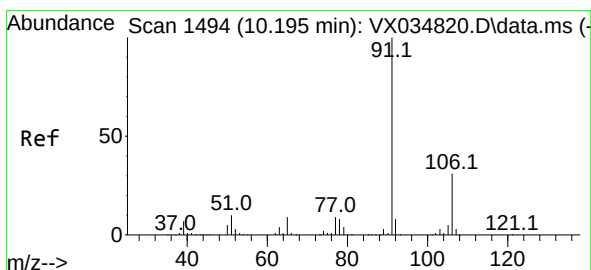
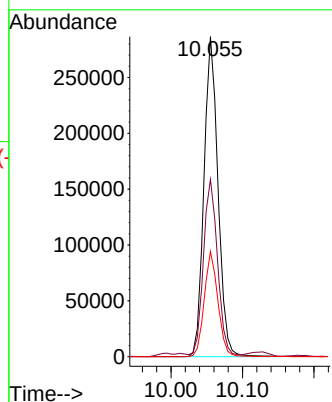
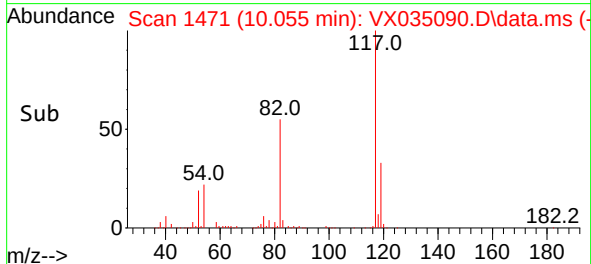
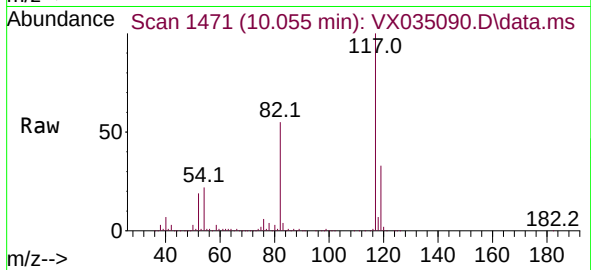
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :
ORA-0588

Tgt Ion:117 Resp: 391235
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.9 26.0 39.0

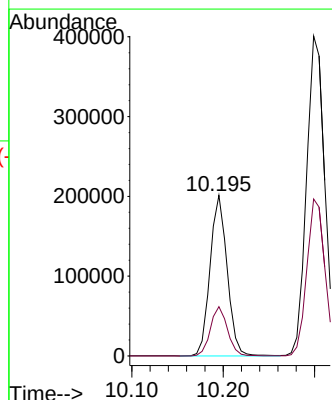
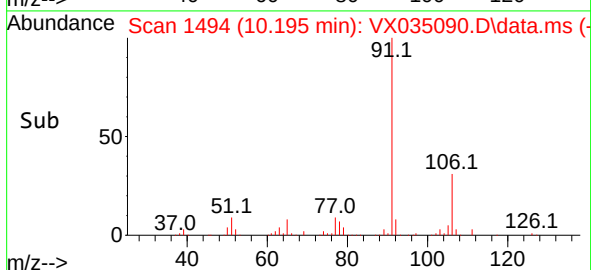
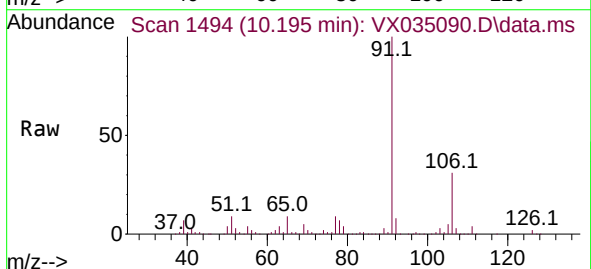
Manual Integrations
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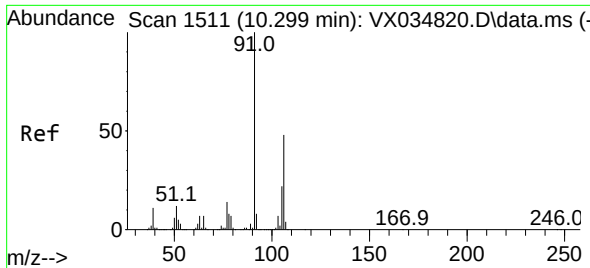
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#67
Ethyl Benzene
Concen: 17.704 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

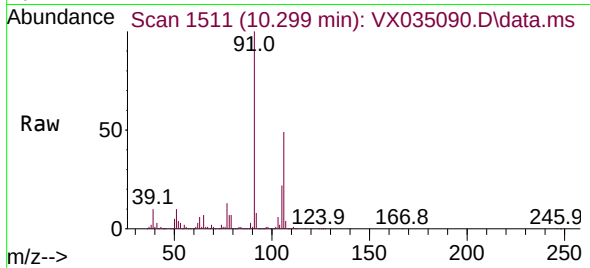
Tgt Ion: 91 Resp: 261075
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4





#68
m/p-Xylenes
Concen: 48.573 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

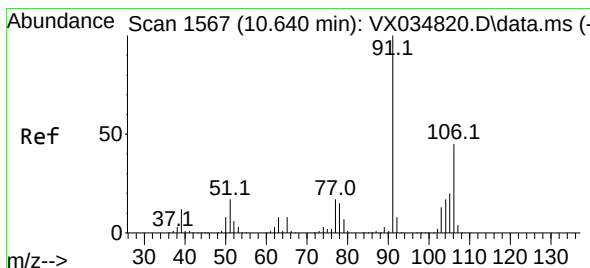
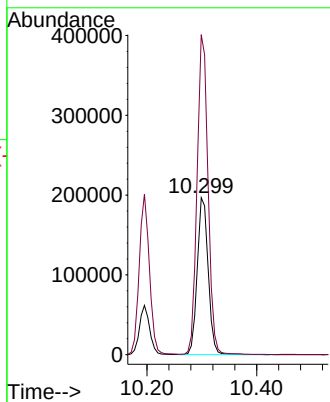
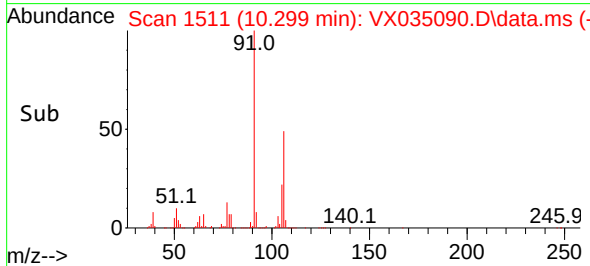
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588



Tgt Ion:106 Resp: 27361
Ion Ratio Lower Upper
106 100
91 204.1 164.0 246.0

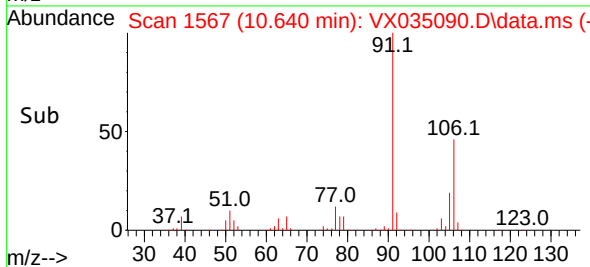
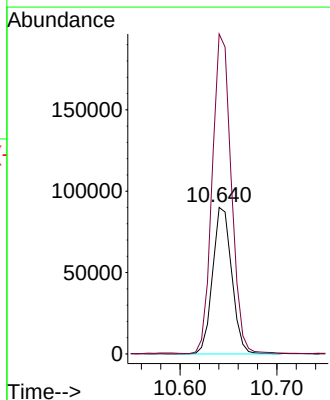
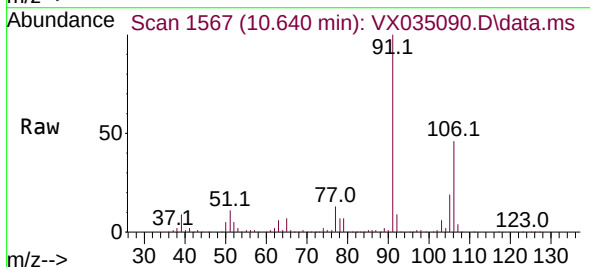
Manual Integrations
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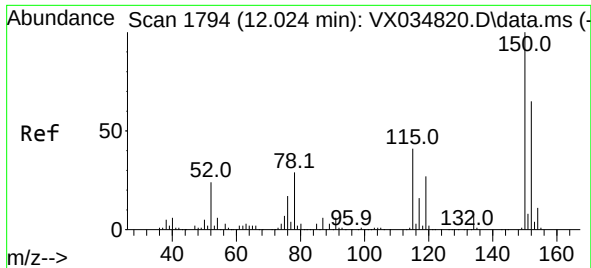
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#69
o-Xylene
Concen: 22.433 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

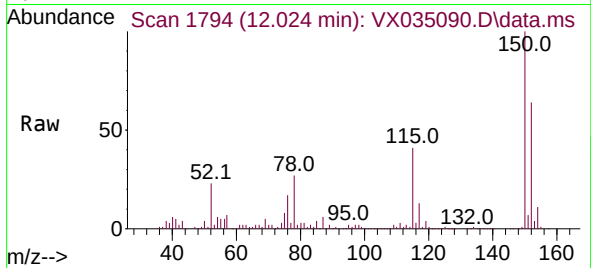
Tgt Ion:106 Resp: 123791
Ion Ratio Lower Upper
106 100
91 216.6 108.5 325.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

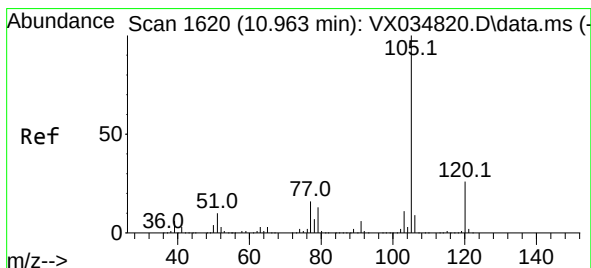
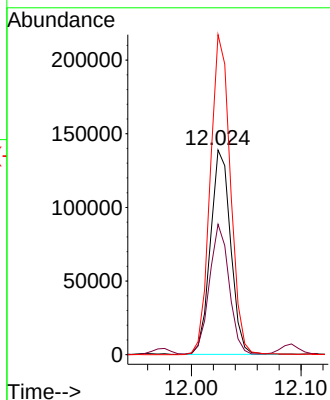
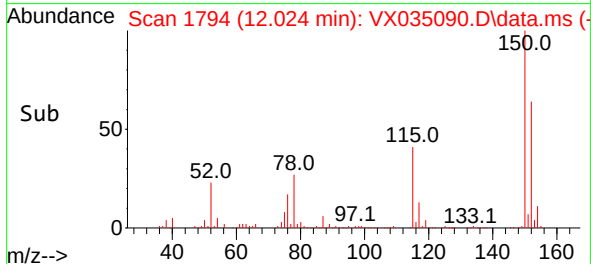
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588



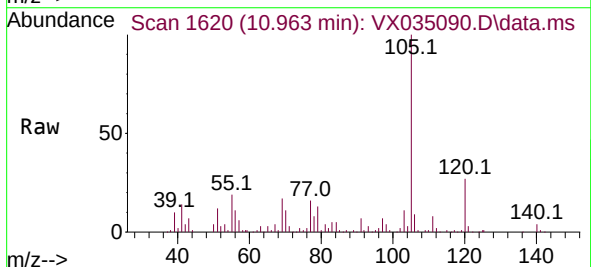
Tgt Ion:152 Resp: 177320
Ion Ratio Lower Upper
152 100
115 62.4 45.0 135.0
150 156.7 0.0 352.4

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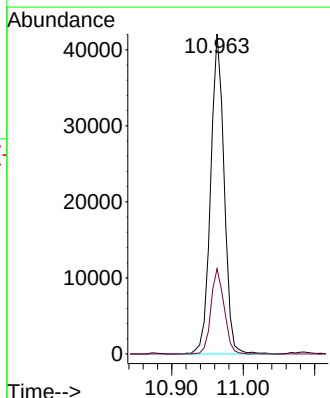
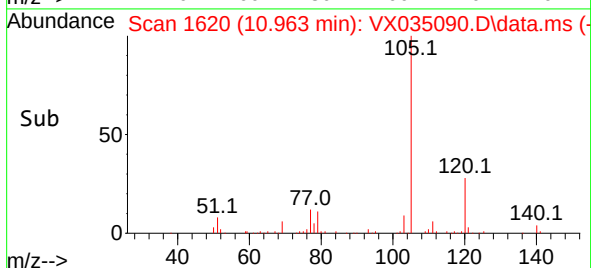
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

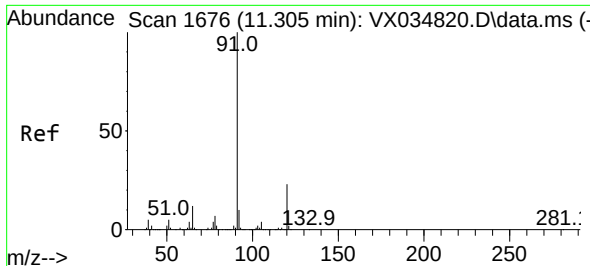


#73
Isopropylbenzene
Concen: 4.238 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53



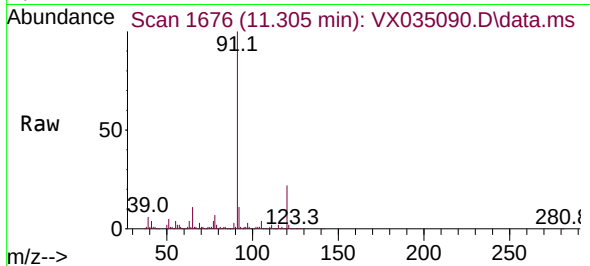
Tgt Ion:105 Resp: 55042
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9





#78
n-propylbenzene
Concen: 11.794 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

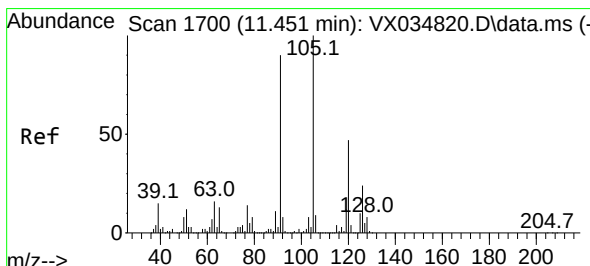
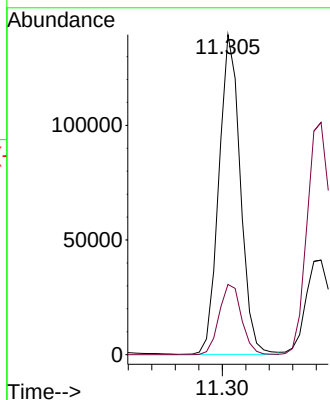
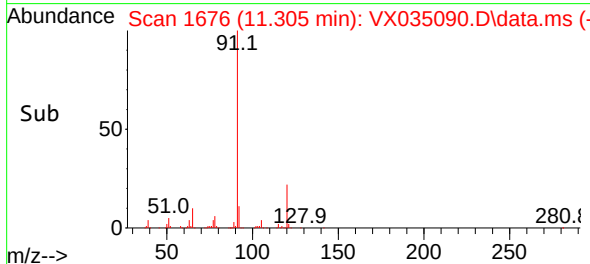
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588



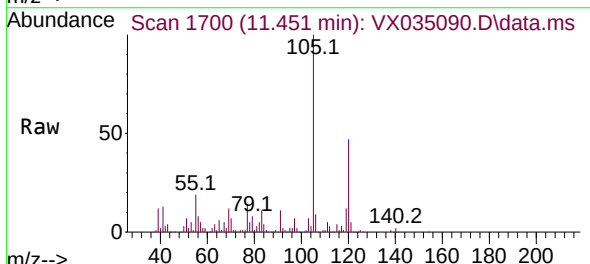
Tgt Ion: 91 Resp: 17696
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5

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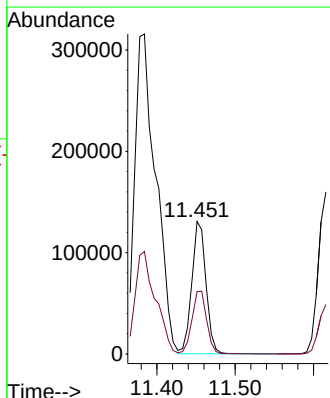
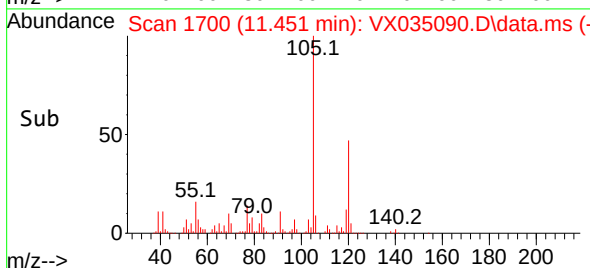
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

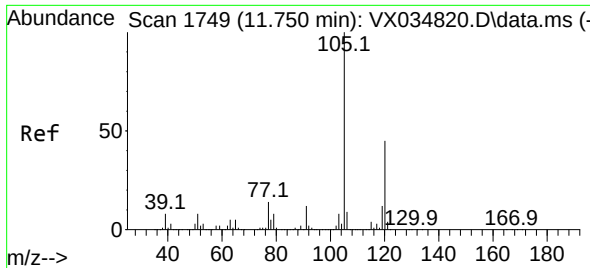


#80
1,3,5-Trimethylbenzene
Concen: 15.199 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53



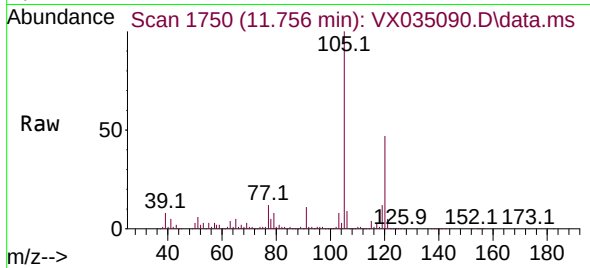
Tgt Ion:105 Resp: 165071
Ion Ratio Lower Upper
105 100
120 48.9 23.7 71.1





#84
1,2,4-Trimethylbenzene
Concen: 57.277 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

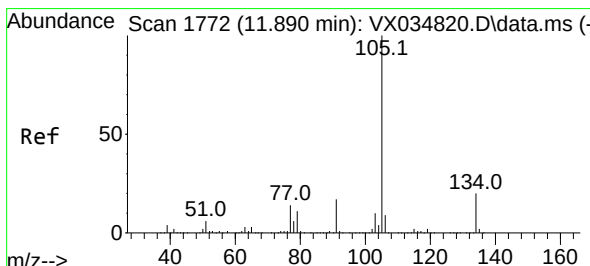
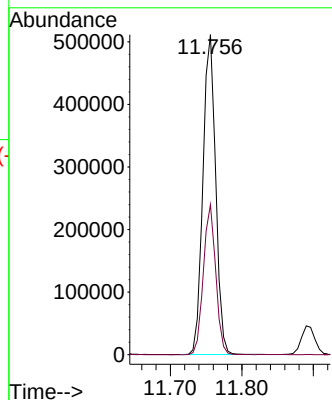
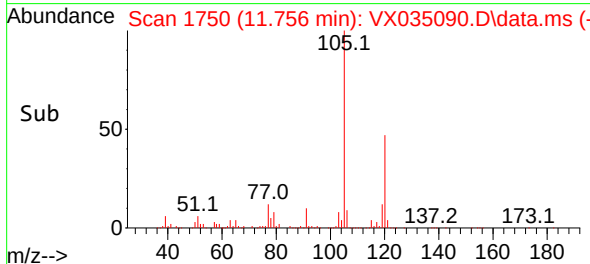
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588



Tgt Ion:105 Resp: 632580
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.0

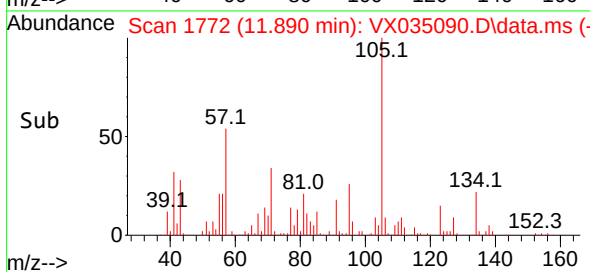
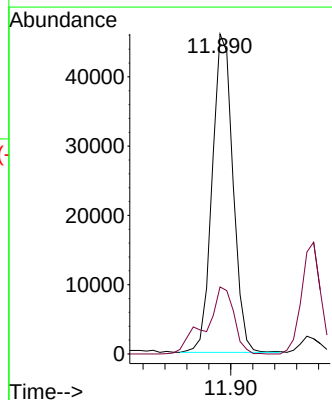
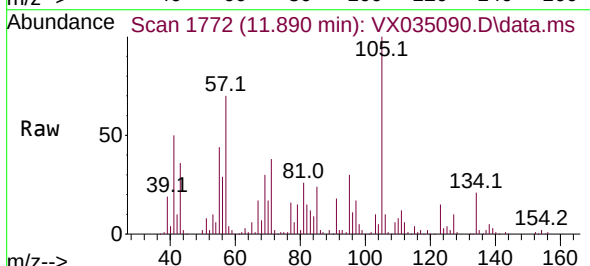
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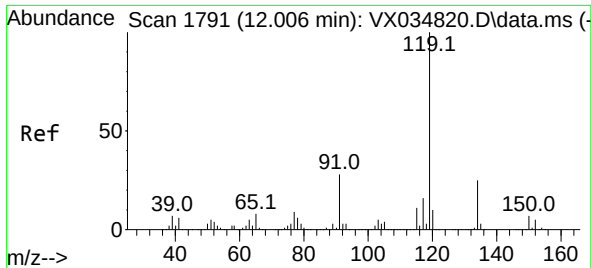
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#85
sec-Butylbenzene
Concen: 4.873 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Tgt Ion:105 Resp: 60459
Ion Ratio Lower Upper
105 100
134 28.4 10.2 30.4





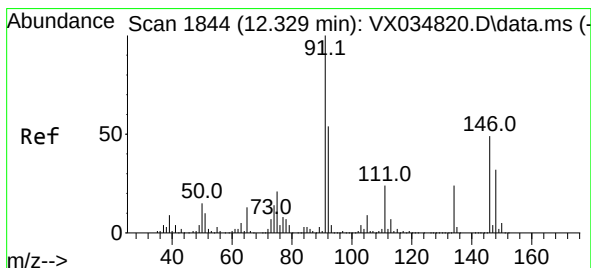
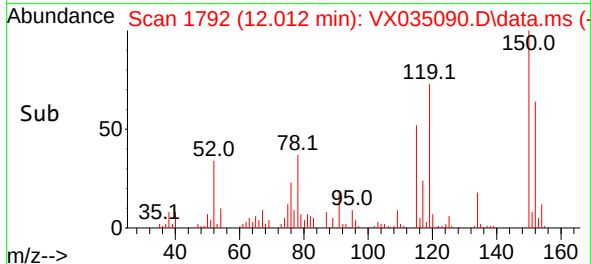
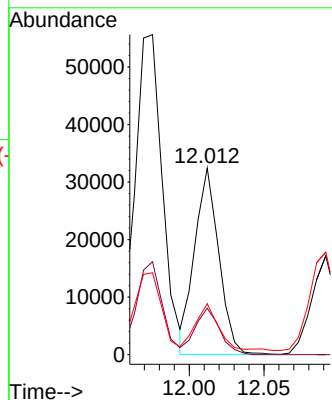
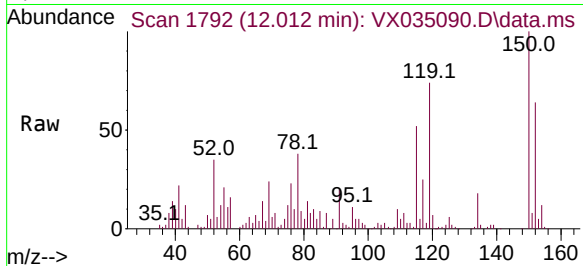
#86
p-Isopropyltoluene
Concen: 3.511 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :
ORA-0588

Tgt Ion: 119 Resp: 36324
Ion Ratio Lower Upper
119 100
134 25.6 13.2 39.5
91 24.5 12.9 38.7

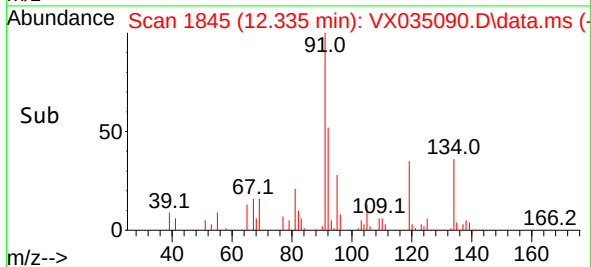
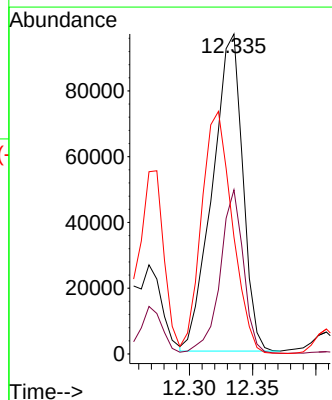
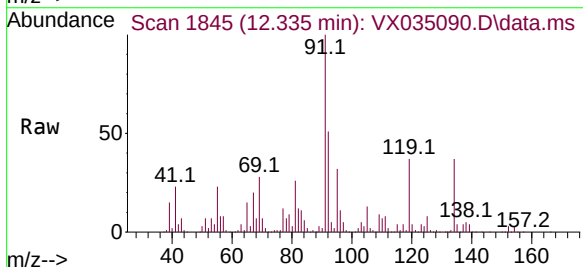
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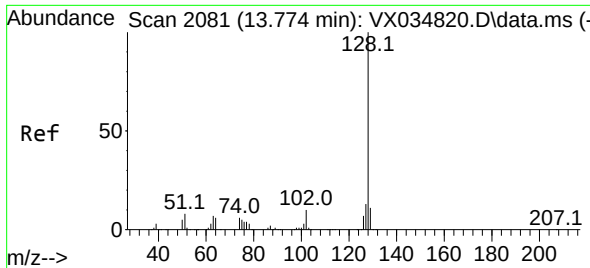
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#89
n-Butylbenzene
Concen: 17.701 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

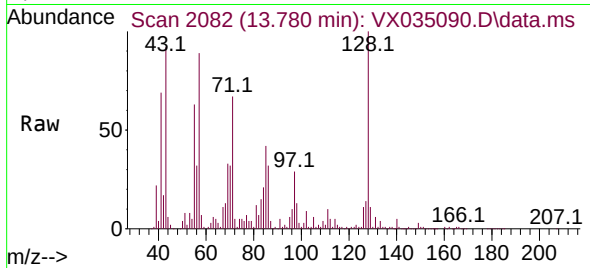
Tgt Ion: 91 Resp: 159997
Ion Ratio Lower Upper
91 100
92 39.8 27.7 83.0
134 78.0 13.0 38.9#





#95
Naphthalene
Concen: 9.754 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035090.D
Acq: 14 Apr 2023 17:53

Instrument :
MSVOA_X
ClientSampleId :
ORA-0588



Tgt Ion:128 Resp: 115074
Ion Ratio Lower Upper
128 100
127 20.0 10.2 15.4
129 14.5 8.6 13.0

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Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

