

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035589.D
 Acq On : 10 May 2023 16:23
 Operator : JC/MD
 Sample : 02658-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 509DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/11/2023

Quant Time: May 11 04:23:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	316061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	500391	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	211871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158798	41.645	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.300%		
35) Dibromofluoromethane	5.385	113	152695	49.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.440%		
50) Toluene-d8	8.647	98	581830	50.219	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.440%		
62) 4-Bromofluorobenzene	11.079	95	216408	49.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.300%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	110817	66.915	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	16610	1.577	ug/l #	90
25) 2-Butanone	4.568	43	4567	1.889	ug/l	98
40) Benzene	6.038	78	136608	9.930	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	231713	51.246	ug/l	93
52) Toluene	8.720	92	463611	53.166	ug/l	98
67) Ethyl Benzene	10.195	91	144491	8.548	ug/l	99
68) m/p-Xylenes	10.299	106	229852	35.486	ug/l	97
69) o-Xylene	10.640	106	144527	22.755	ug/l	98
73) Isopropylbenzene	10.963	105	14237	0.919	ug/l	99
78) n-propylbenzene	11.305	91	28146	1.582	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	57598	4.411	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	302973	23.090	ug/l	98
89) n-Butylbenzene	12.323	91	8440	0.731	ug/l #	23
95) Naphthalene	13.774	128	229826	16.231	ug/l	100

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

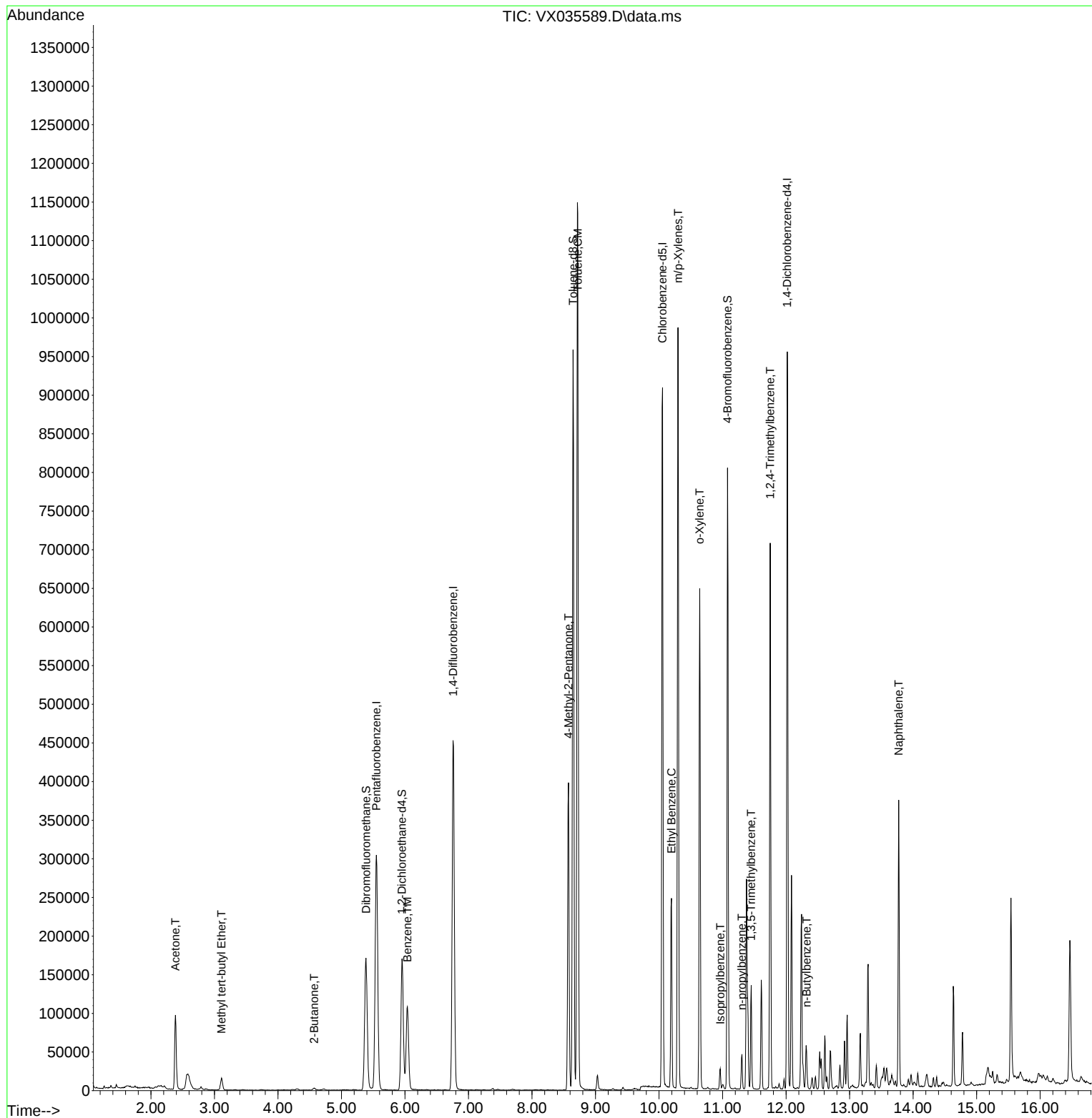
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
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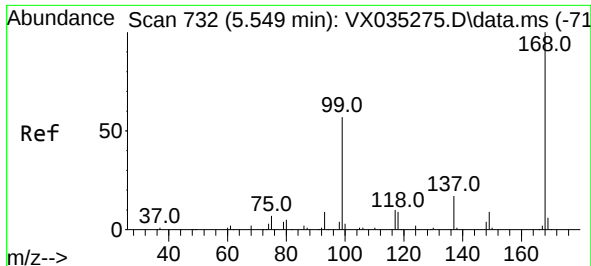
Instrument :
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ClientSampleId :
509DL

Quant Time: May 11 04:23:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

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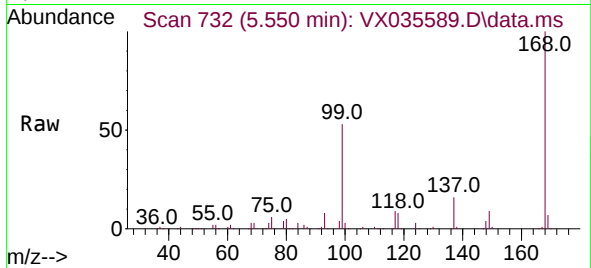
Reviewed By : John Carlone 05/11/2023
Supervised By : Mahesh Dadoda 05/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

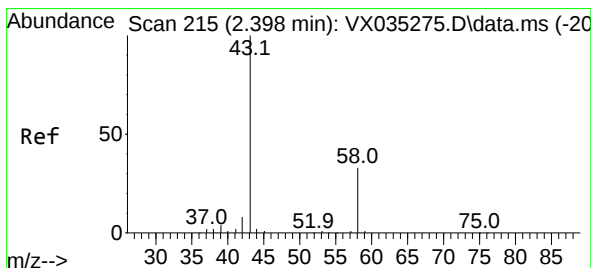
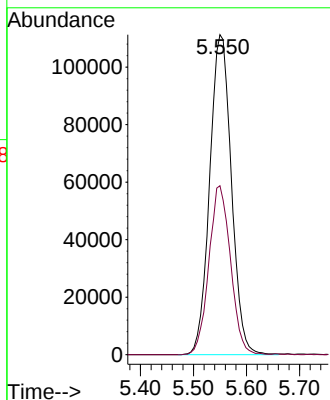
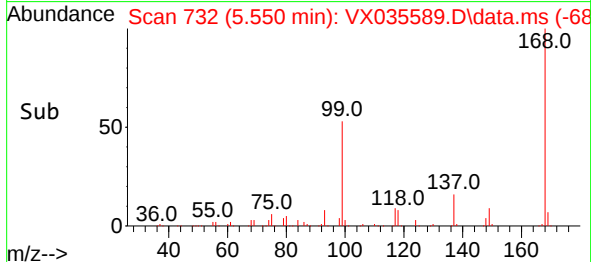
Instrument :
MSVOA_X
ClientSampleId :
509DL



Tgt Ion:168 Resp: 31606
Ion Ratio Lower Upper
168 100
99 52.8 45.7 68.5

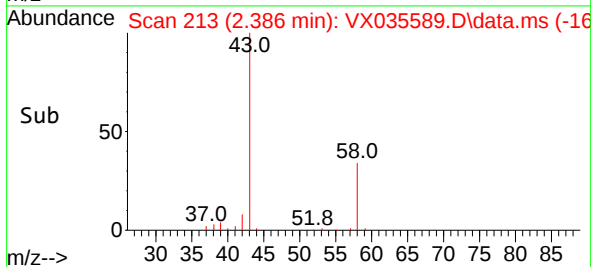
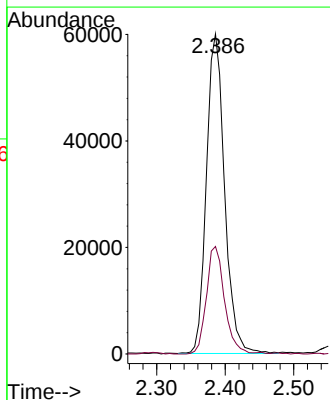
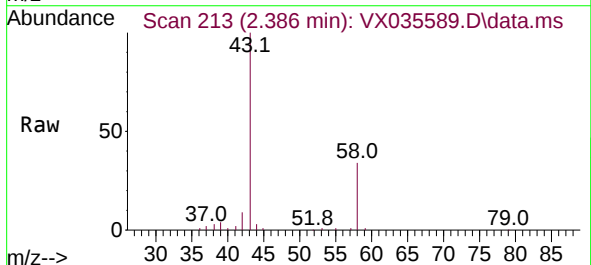
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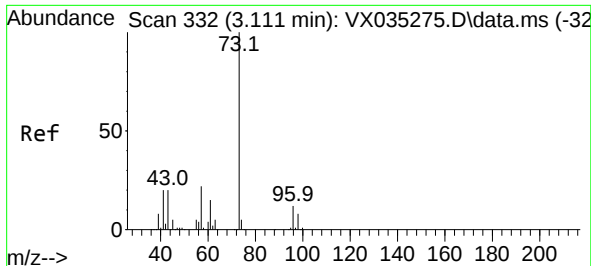
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#16
Acetone
Concen: 66.915 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

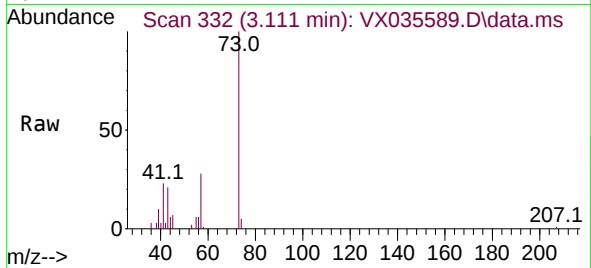
Tgt Ion: 43 Resp: 110817
Ion Ratio Lower Upper
43 100
58 33.6 24.7 37.1





#19
Methyl tert-butyl Ether
Concen: 1.577 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

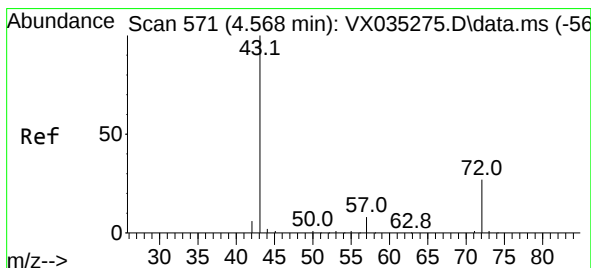
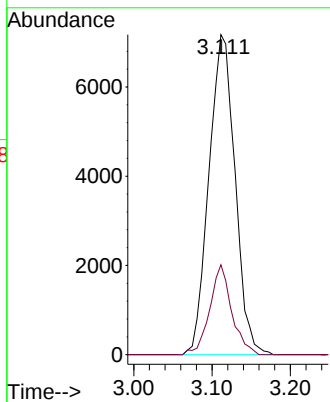
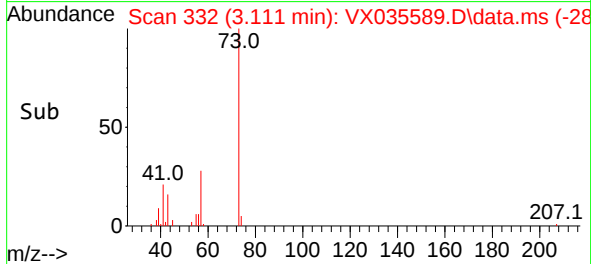
Instrument :
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Tgt Ion: 73 Resp: 16610
Ion Ratio Lower Upper
73 100
57 28.1 18.5 27.7

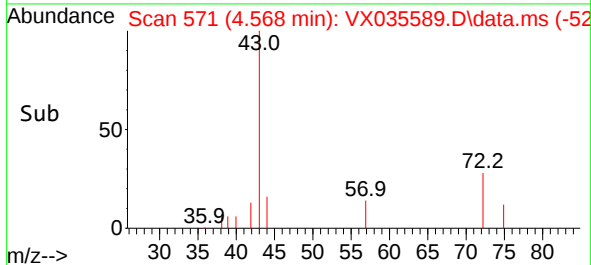
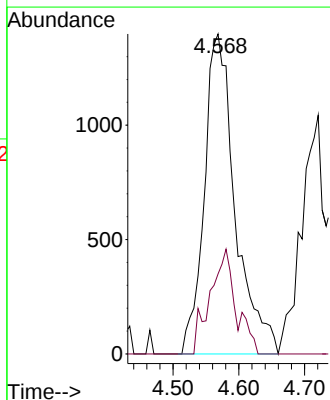
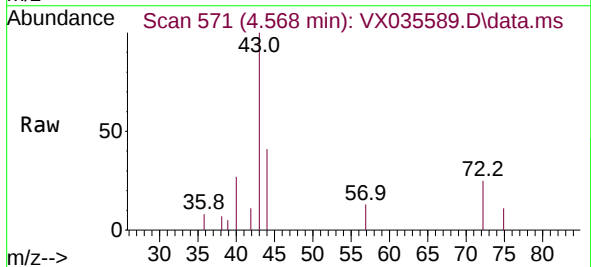
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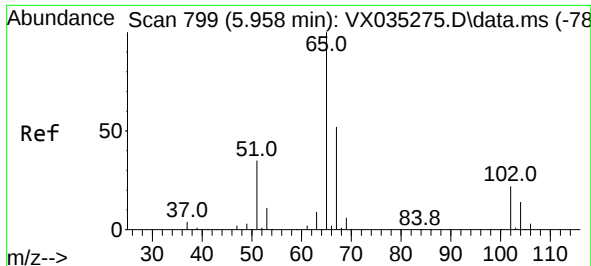
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#25
2-Butanone
Concen: 1.889 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Tgt Ion: 43 Resp: 4567
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9





#33

1,2-Dichloroethane-d4

Concen: 41.645 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

509DL

Tgt Ion: 65 Resp: 158798

Ion Ratio Lower Upper

65 100

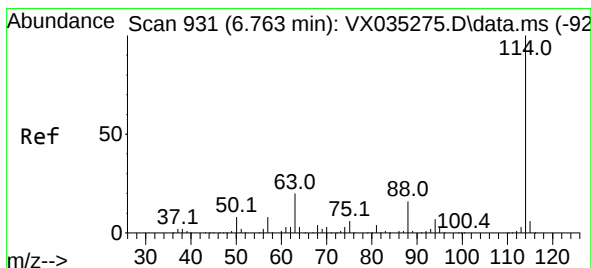
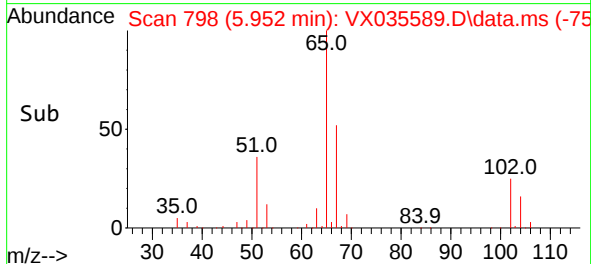
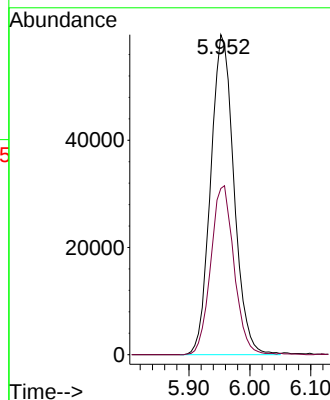
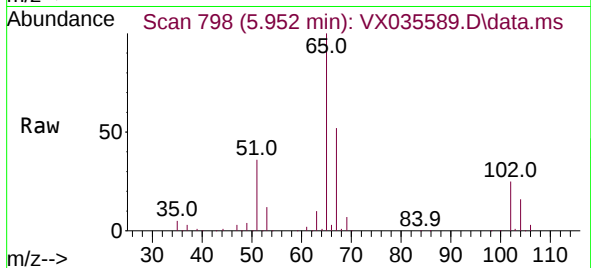
67 52.6 0.0 104.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

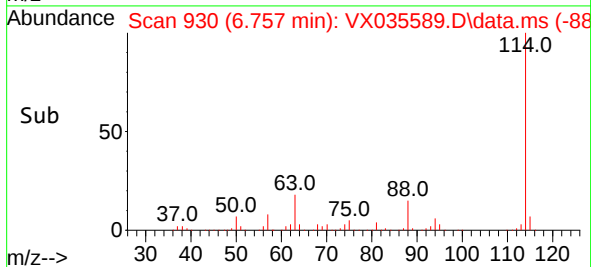
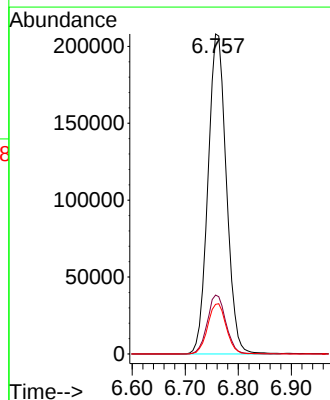
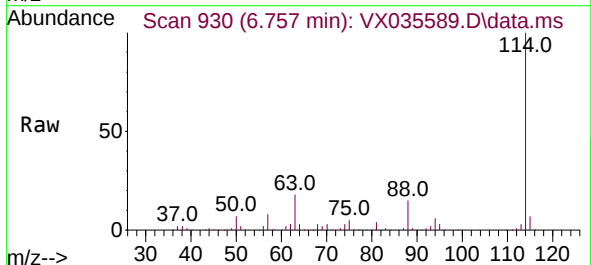
Tgt Ion:114 Resp: 500391

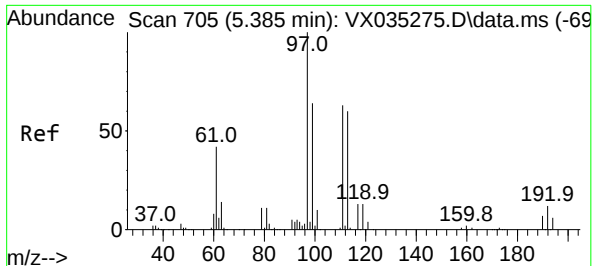
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.2

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.717 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035589.D

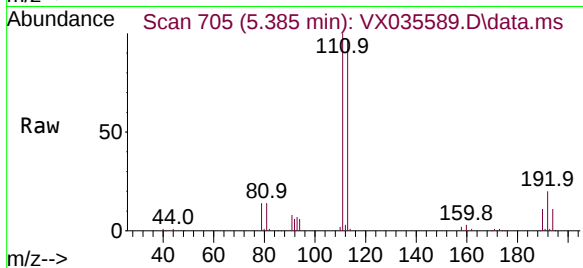
Acq: 10 May 2023 16:23

Instrument :

MSVOA_X

ClientSampleId :

509DL



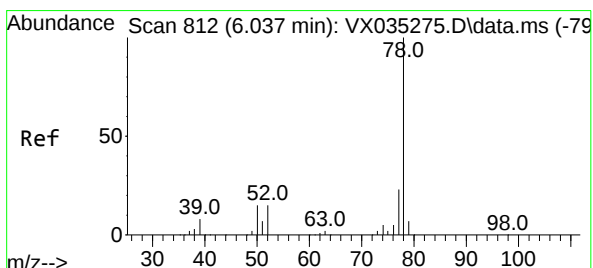
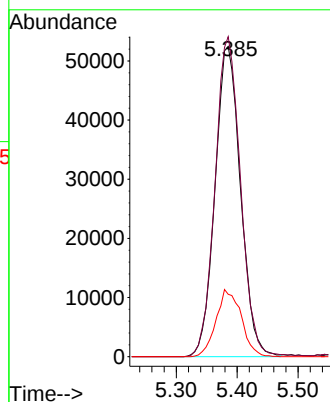
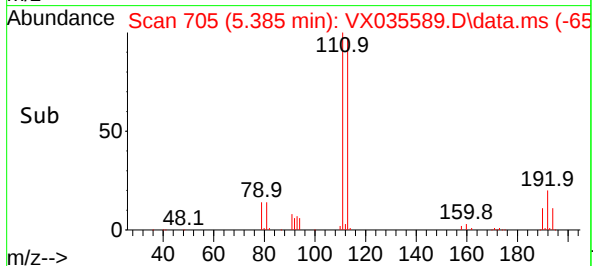
Tgt Ion:	113	Resp:	15269
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.7	125.5
192	21.4	15.4	23.2

Manual Integrations

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Supervised By :Mahesh Dadoda 05/11/2023



#40

Benzene

Concen: 9.930 ug/l

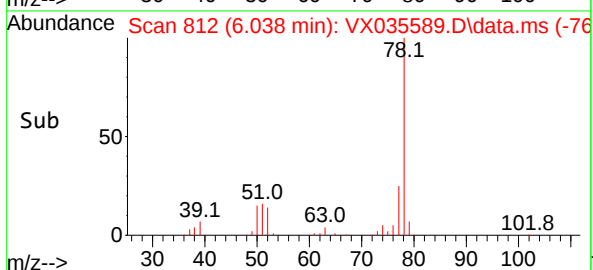
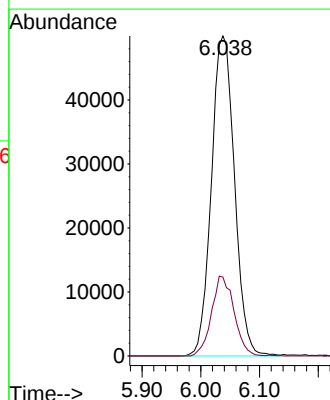
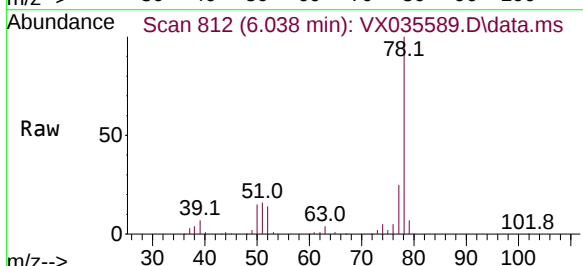
RT: 6.038 min Scan# 812

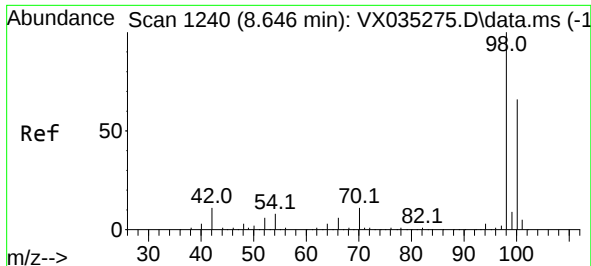
Delta R.T. 0.001 min

Lab File: VX035589.D

Acq: 10 May 2023 16:23

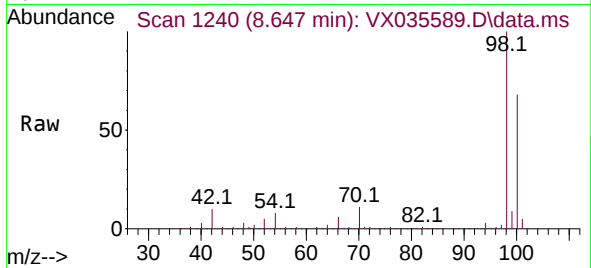
Tgt Ion:	78	Resp:	136608
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4





#50
Toluene-d8
Concen: 50.219 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

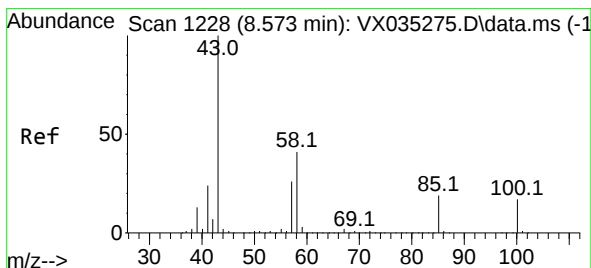
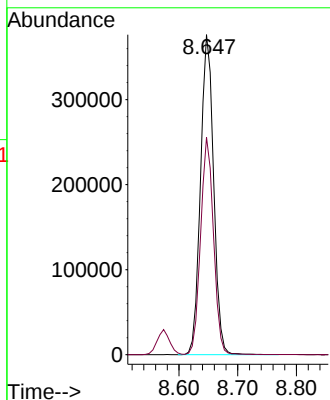
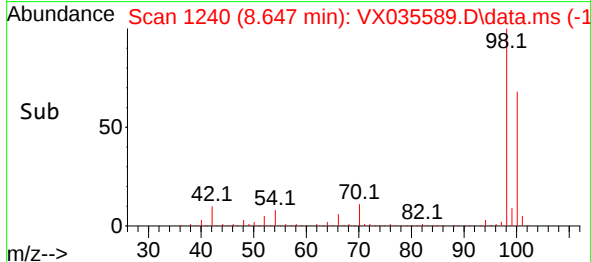
Instrument :
MSVOA_X
ClientSampleId :
509DL



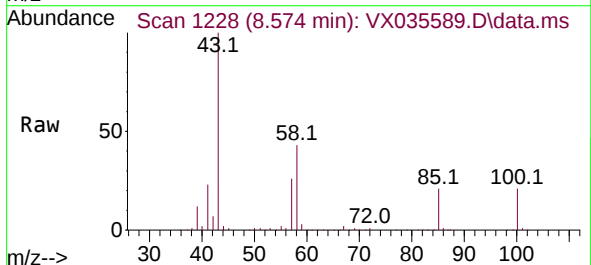
Tgt Ion: 98 Resp: 581830
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

Manual Integrations
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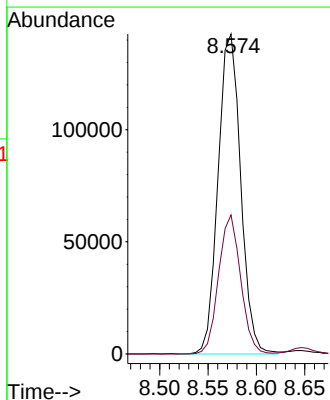
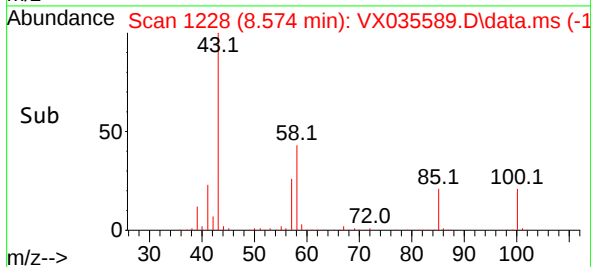
Reviewed By :John Carlone 05/11/2023
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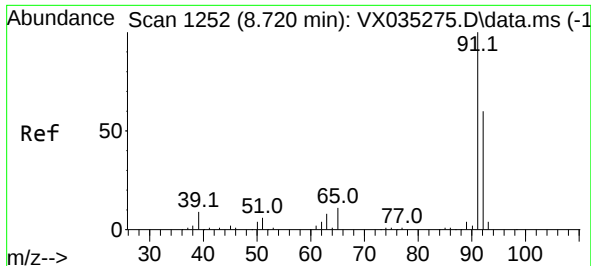


#51
4-Methyl-2-Pentanone
Concen: 51.246 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23



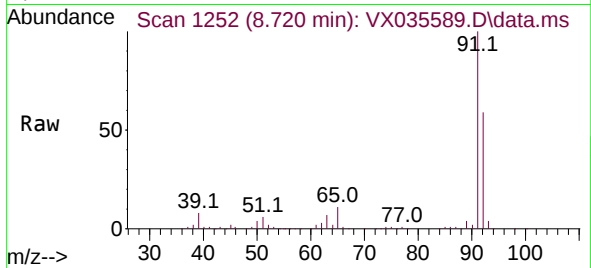
Tgt Ion: 43 Resp: 231713
Ion Ratio Lower Upper
43 100
58 42.3 30.6 46.0





#52
Toluene
Concen: 53.166 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

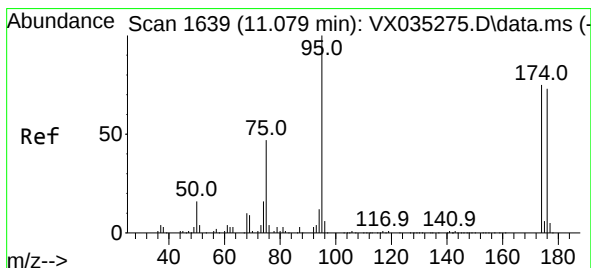
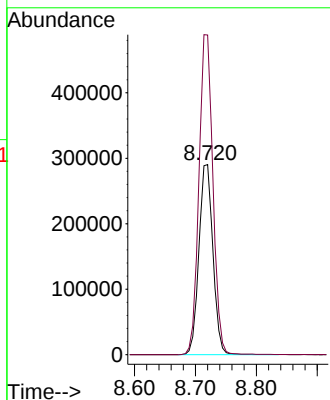
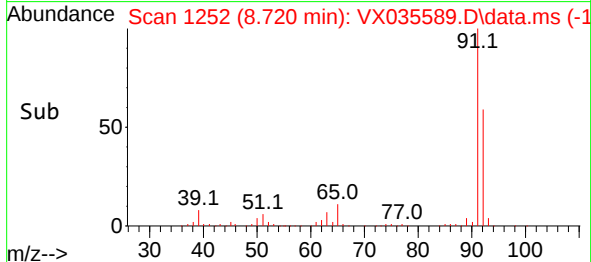
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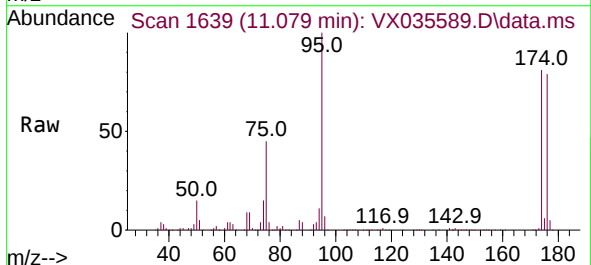
Tgt Ion: 92 Resp: 46361
Ion Ratio Lower Upper
92 100
91 168.0 136.8 205.2

Manual Integrations
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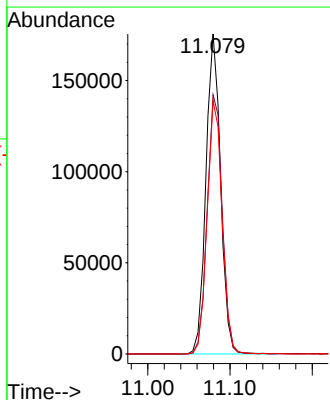
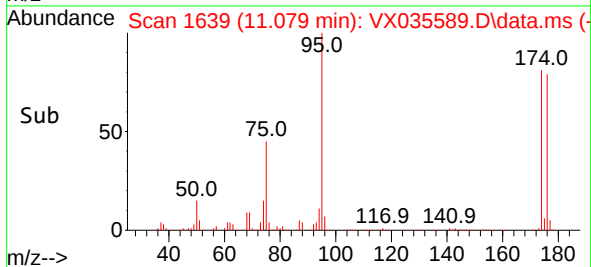
Reviewed By :John Carlone 05/11/2023
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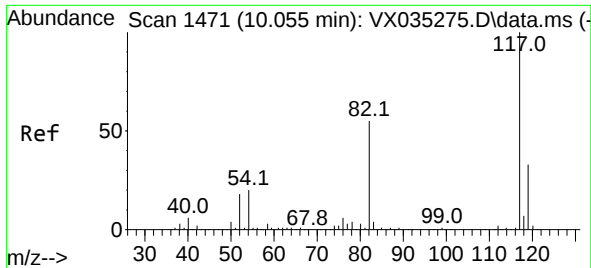


#62
4-Bromofluorobenzene
Concen: 49.654 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23



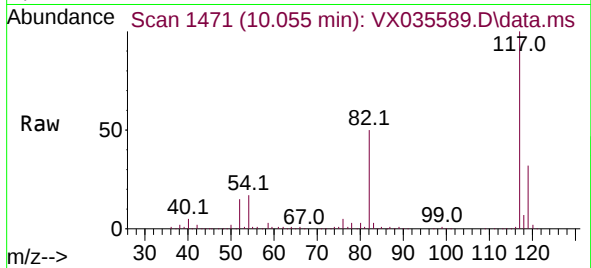
Tgt Ion: 95 Resp: 216408
Ion Ratio Lower Upper
95 100
174 84.0 0.0 147.4
176 80.8 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

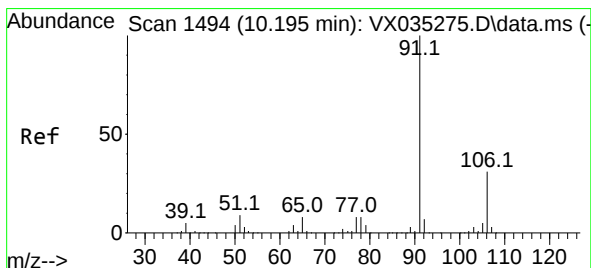
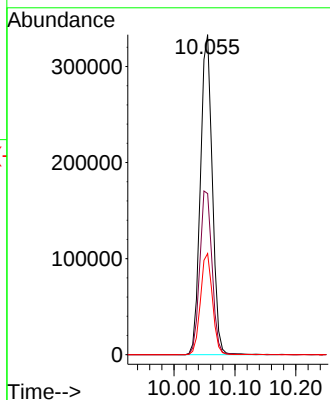
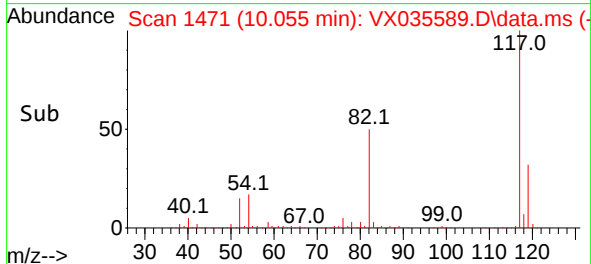
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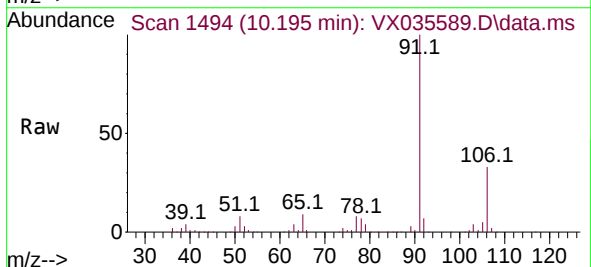
Tgt Ion:117 Resp: 451160
Ion Ratio Lower Upper
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82 50.4 45.0 67.4
119 31.6 26.0 39.0

Manual Integrations
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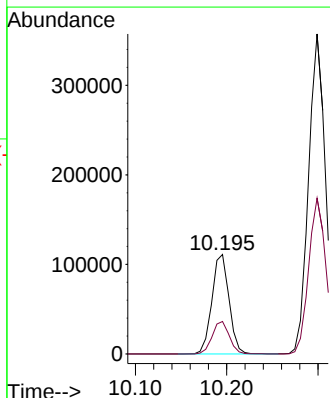
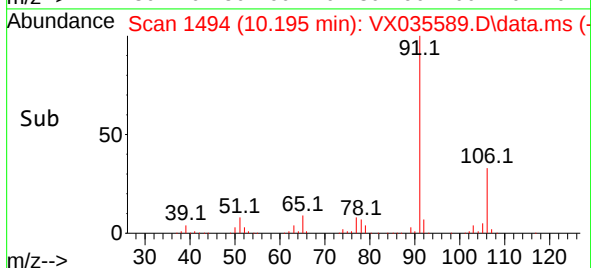
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

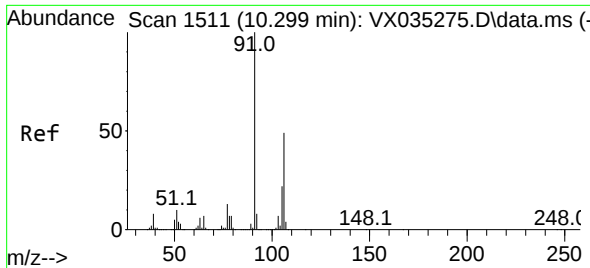


#67
Ethyl Benzene
Concen: 8.548 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23



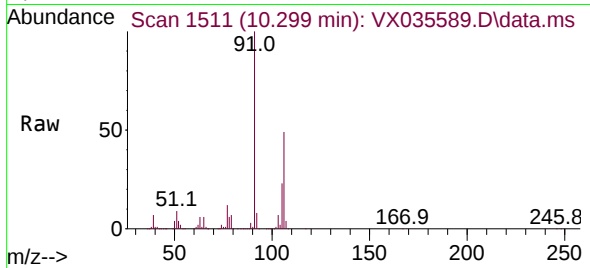
Tgt Ion: 91 Resp: 144491
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4





#68
m/p-Xylenes
Concen: 35.486 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

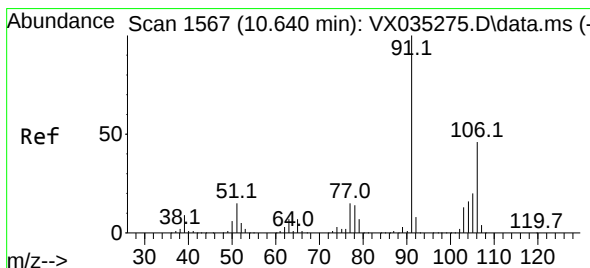
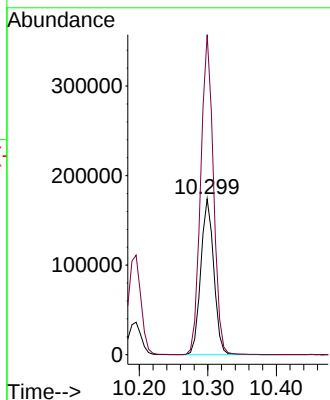
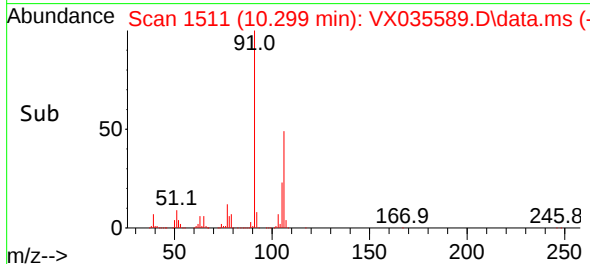
Instrument :
MSVOA_X
ClientSampleId :
509DL



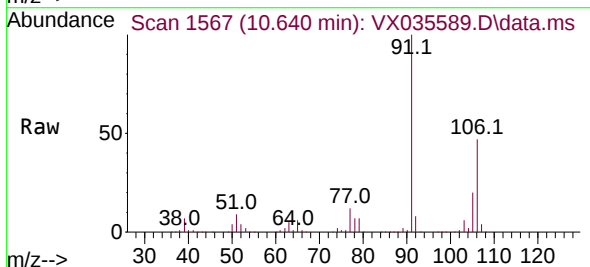
Tgt Ion:106 Resp: 229852
Ion Ratio Lower Upper
106 100
91 201.1 164.0 246.0

Manual Integrations
APPROVED

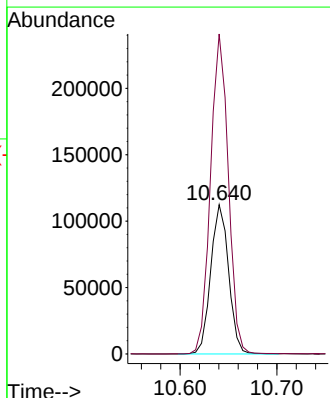
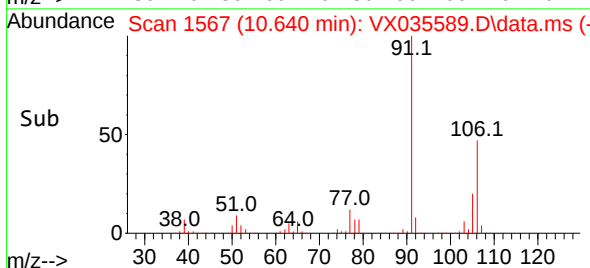
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

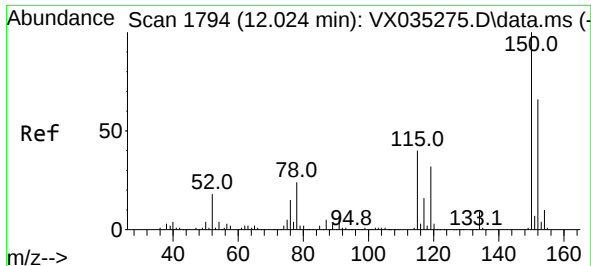


#69
o-Xylene
Concen: 22.755 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23



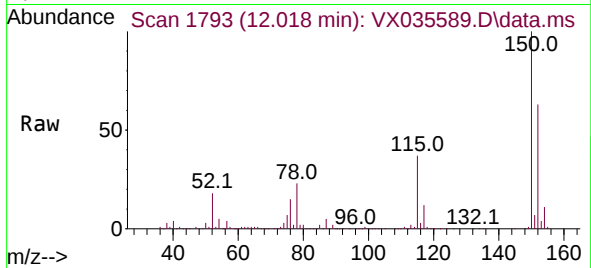
Tgt Ion:106 Resp: 144527
Ion Ratio Lower Upper
106 100
91 213.8 108.5 325.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

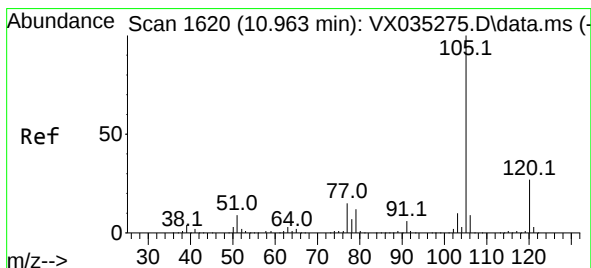
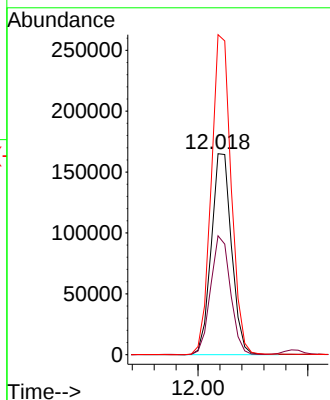
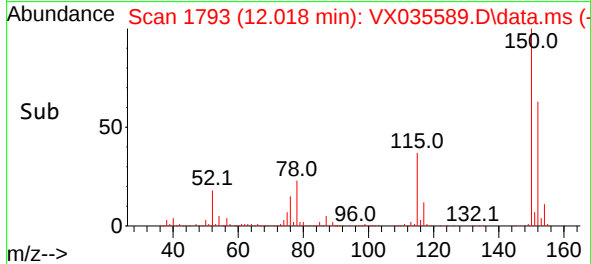
Instrument :
MSVOA_X
ClientSampleId :
509DL



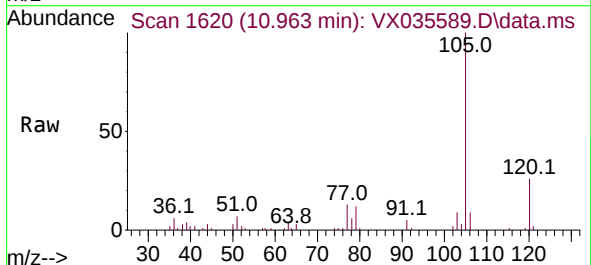
Tgt Ion:152 Resp: 21187
Ion Ratio Lower Upper
152 100
115 57.8 45.0 135.0
150 157.3 0.0 352.4

Manual Integrations
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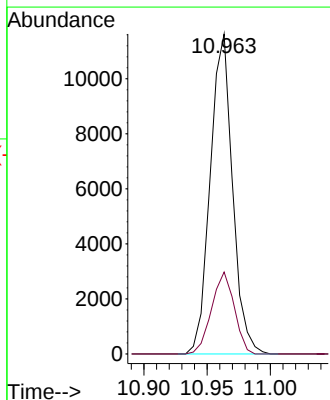
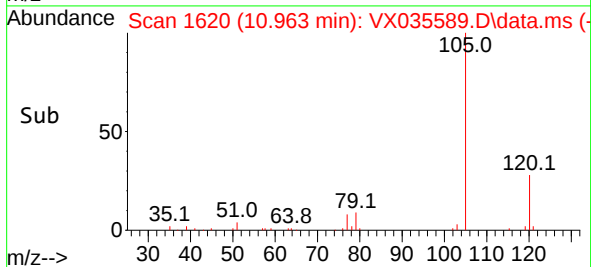
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

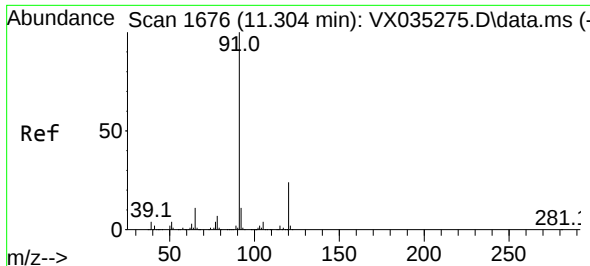


#73
Isopropylbenzene
Concen: 0.919 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23



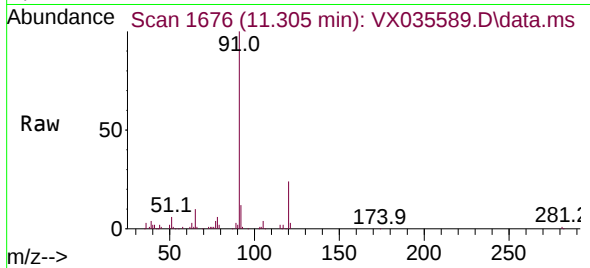
Tgt Ion:105 Resp: 14237
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.9





#78
n-propylbenzene
Concen: 1.582 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

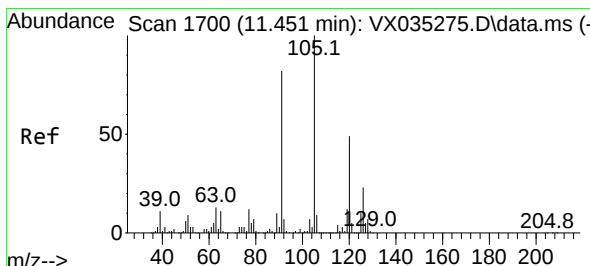
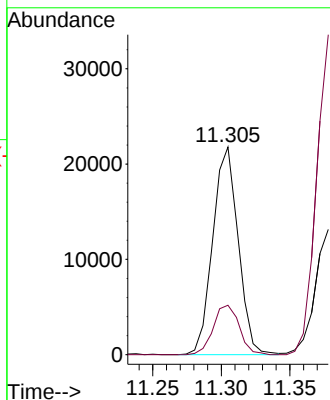
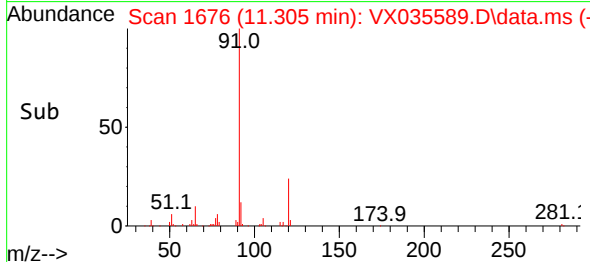
Instrument :
MSVOA_X
ClientSampleId :
509DL



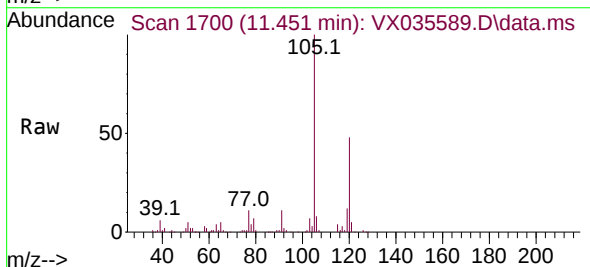
Tgt Ion: 91 Resp: 28140
Ion Ratio Lower Upper
91 100
120 24.3 11.5 34.5

Manual Integrations
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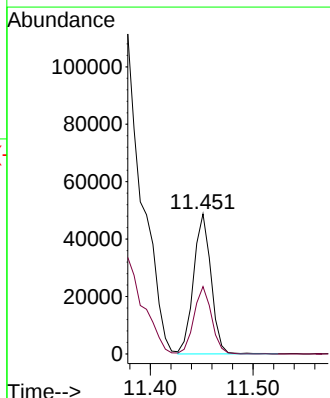
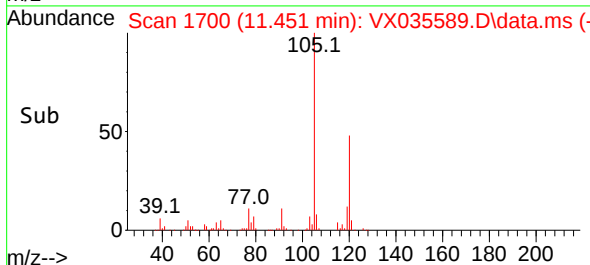
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

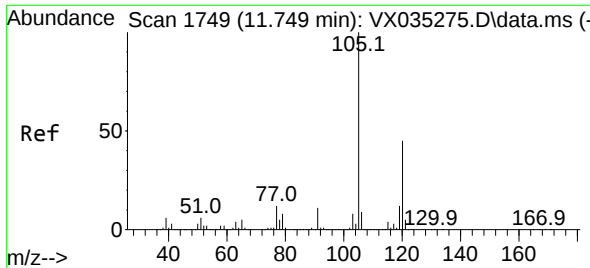


#80
1,3,5-Trimethylbenzene
Concen: 4.411 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23



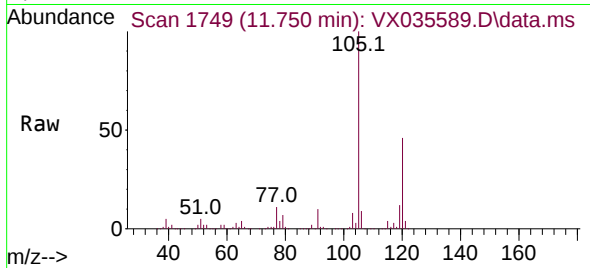
Tgt Ion:105 Resp: 57598
Ion Ratio Lower Upper
105 100
120 48.6 23.7 71.1





#84
1,2,4-Trimethylbenzene
Concen: 23.090 ug/l
RT: 11.750 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

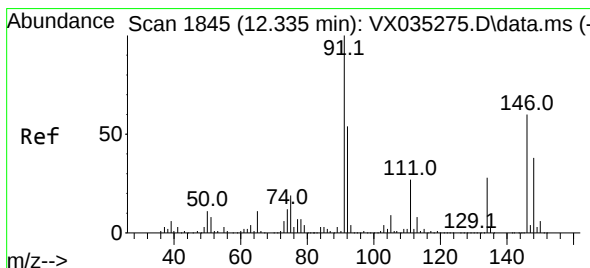
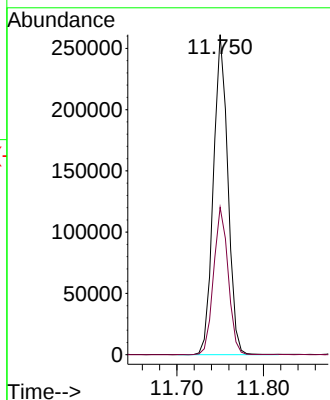
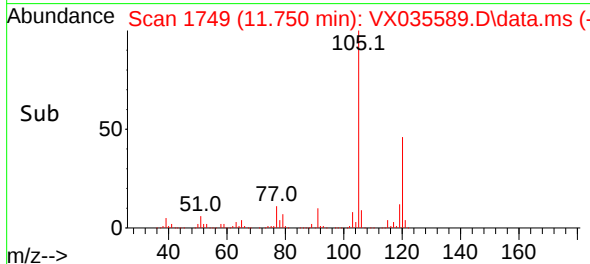
Instrument :
MSVOA_X
ClientSampleId :
509DL



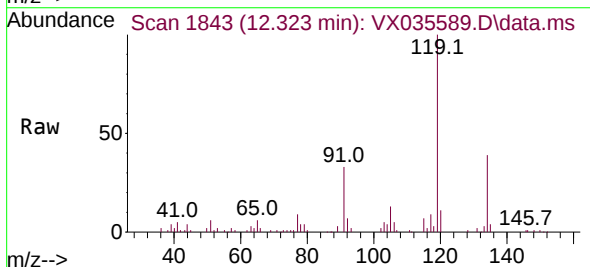
Tgt Ion:105 Resp: 30297
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.0

Manual Integrations
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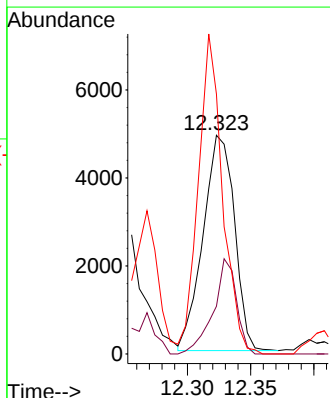
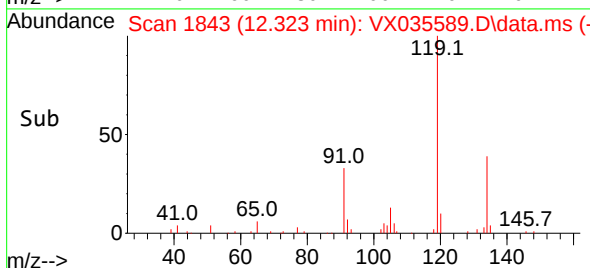
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

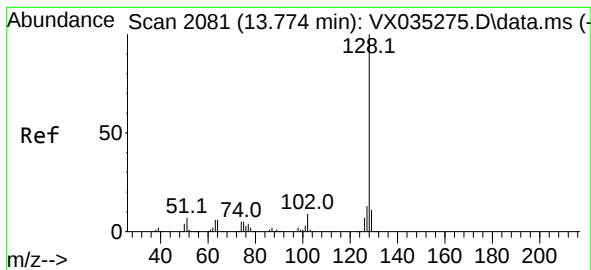


#89
n-Butylbenzene
Concen: 0.731 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23



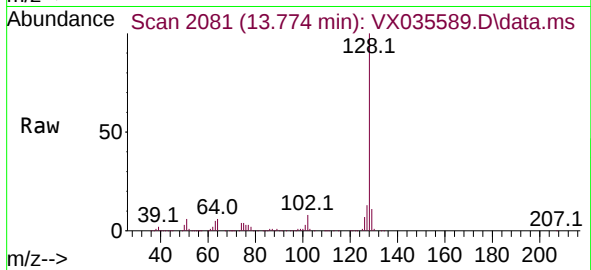
Tgt Ion: 91 Resp: 8440
Ion Ratio Lower Upper
91 100
92 32.5 27.7 83.0
134 114.8 13.0 38.9#





#95
Naphthalene
Concen: 16.231 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035589.D
Acq: 10 May 2023 16:23

Instrument :
MSVOA_X
ClientSampleId :
509DL



Tgt Ion:128 Resp: 229820
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

