

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037369.D
 Acq On : 30 Aug 2023 04:46
 Operator : JC/MD
 Sample : 04197-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-23

Quant Time: Aug 31 01:26:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 08/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	147936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91773	43.030	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.060%		
35) Dibromofluoromethane	5.385	113	75587	46.267	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	8.647	98	291552	49.198	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.079	95	106727	45.828	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.660%		
Target Compounds						Qvalue
8) Diethyl Ether	2.136	74	1209	1.166	ug/l	98
16) Acetone	2.380	43	22422	26.873	ug/l	90
20) Methylene Chloride	2.788	84	18197	9.753	ug/l #	84
25) 2-Butanone	4.568	43	7872	6.266	ug/l #	83
37) Ethyl Acetate	4.733	43	2522	1.064	ug/l #	87
43) Isopropyl Acetate	6.342	43	87239	23.176	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	15721m	6.878	ug/l	

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

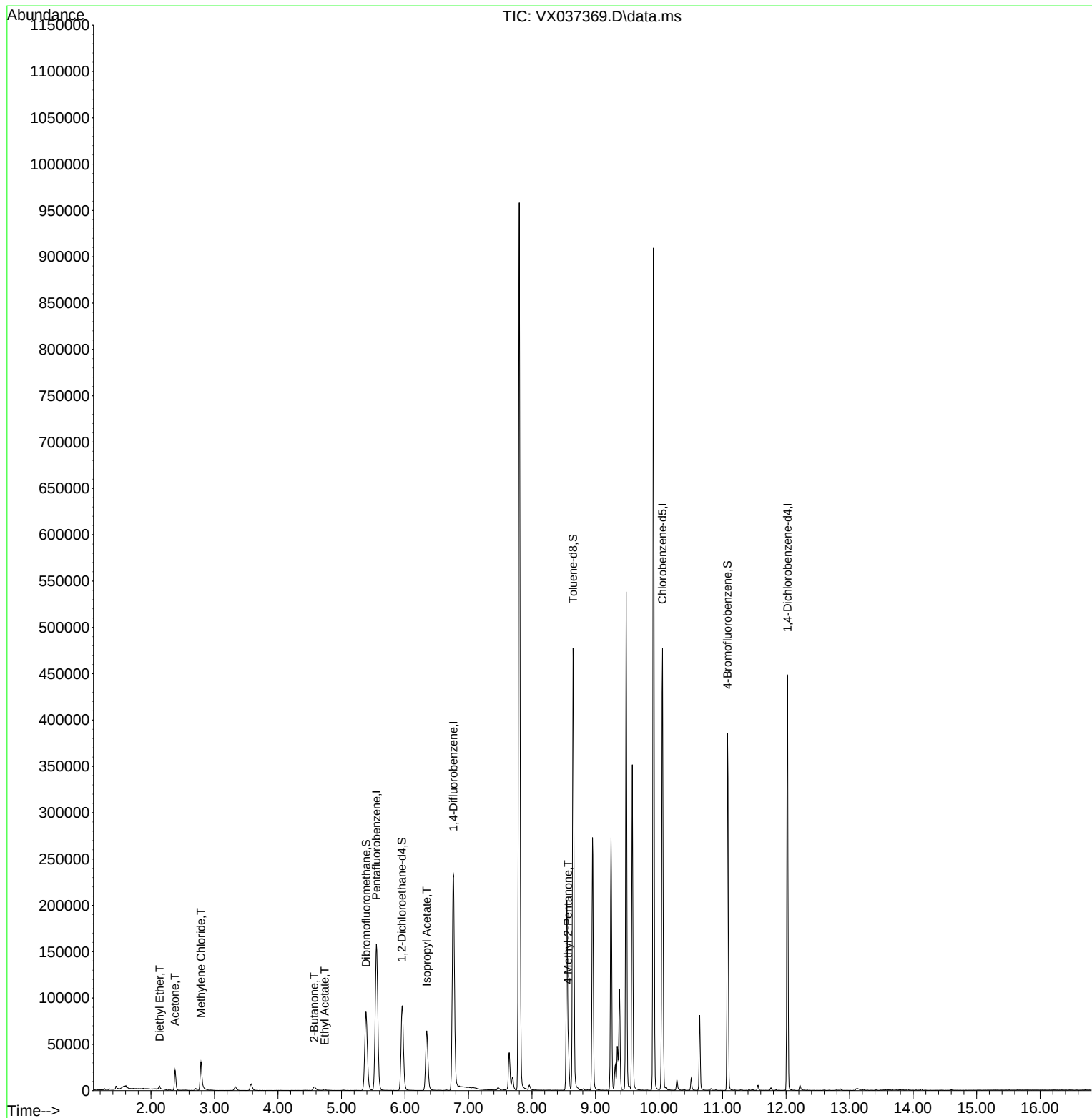
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037369.D
Acq On : 30 Aug 2023 04:46
Operator : JC/MD
Sample : 04197-25
Misc : 5.0mL/MSVOA_X/WATER
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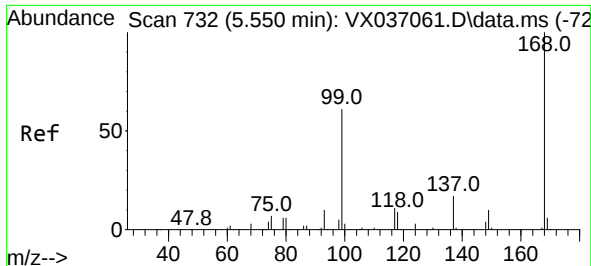
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-23

Quant Time: Aug 31 01:26:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

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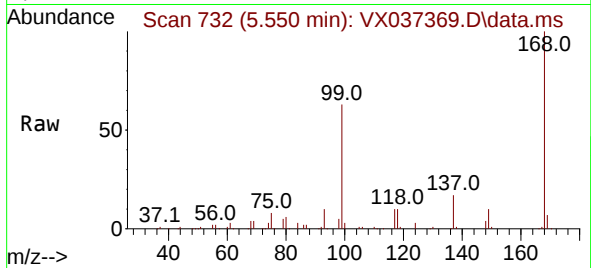
Reviewed By : John Carlone 08/31/2023
Supervised By : Mahesh Dadoda 08/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

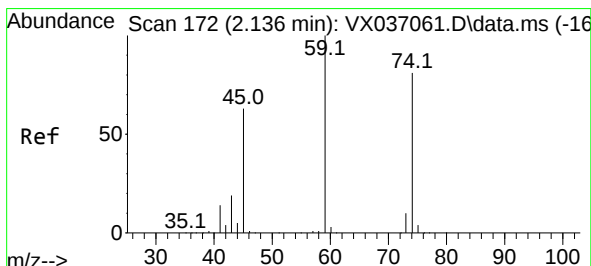
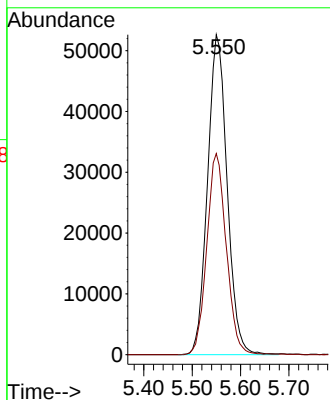
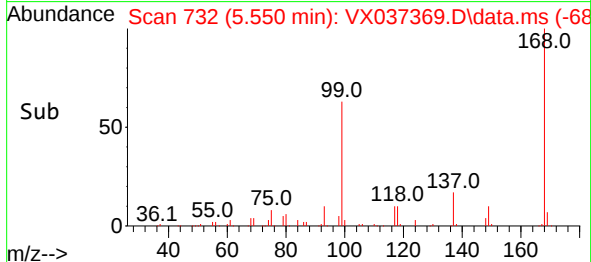
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-23



Tgt Ion:168 Resp: 147930
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0

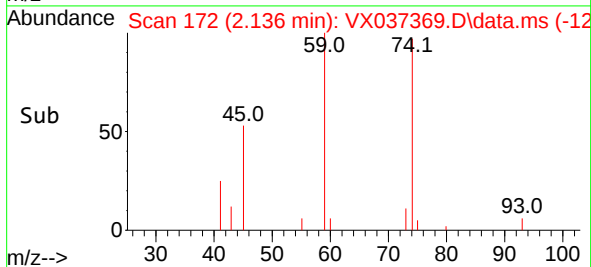
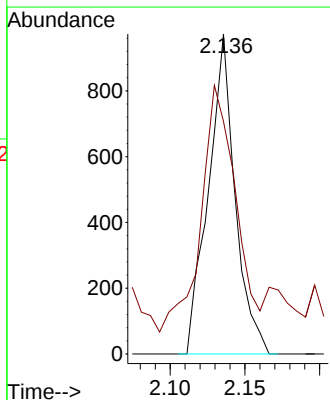
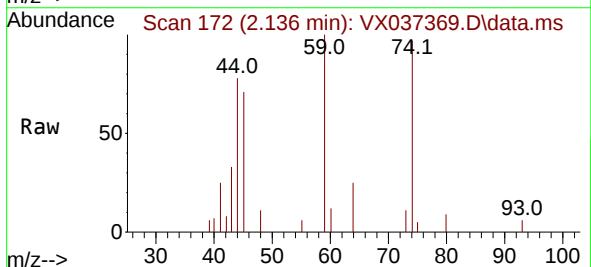
Manual Integrations
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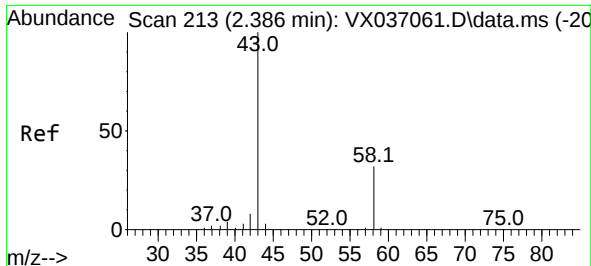
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#8
Diethyl Ether
Concen: 1.166 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

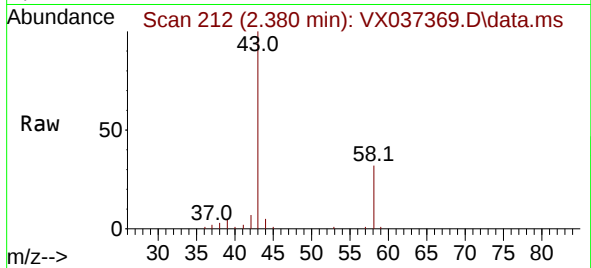
Tgt Ion: 74 Resp: 1209
Ion Ratio Lower Upper
74 100
45 104.5 53.3 159.8





#16
Acetone
Concen: 26.873 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

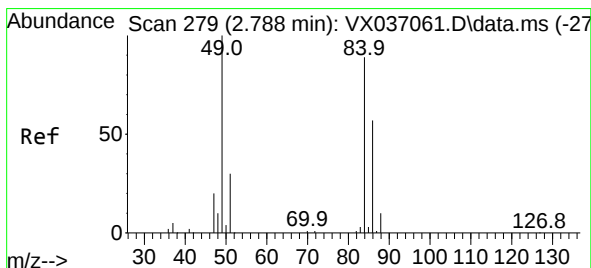
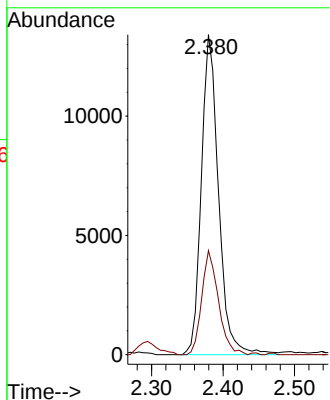
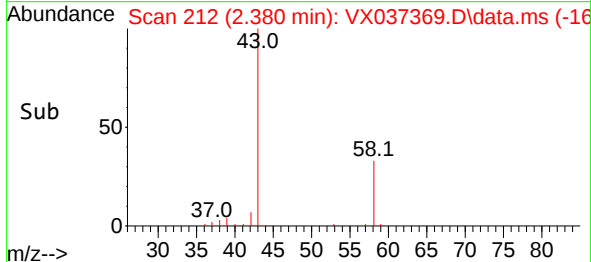
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-23



Tgt Ion: 43 Resp: 2242
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9

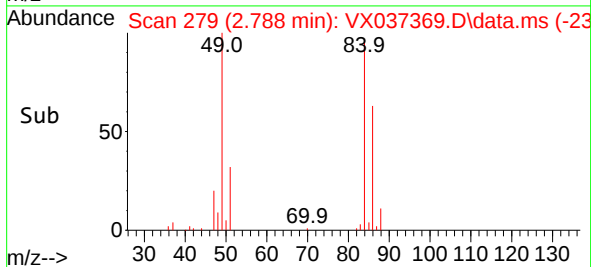
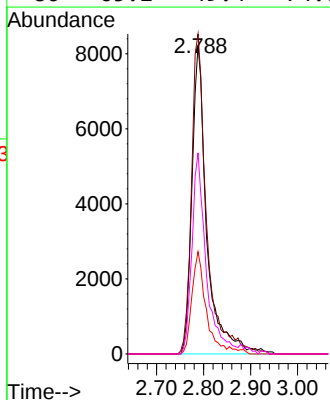
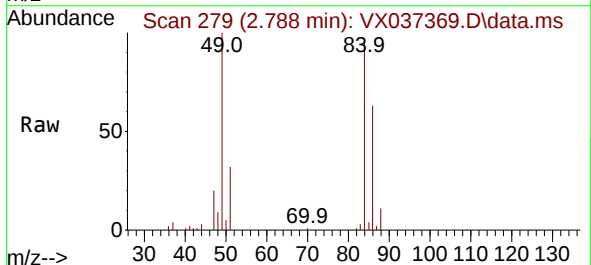
Manual Integrations
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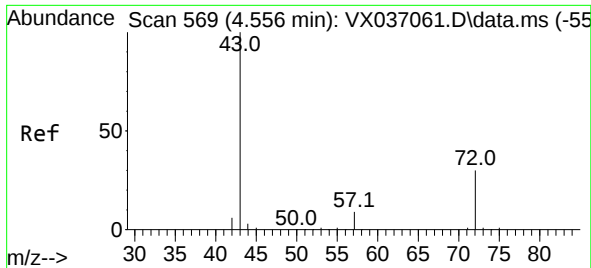
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#20
Methylene Chloride
Concen: 9.753 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

Tgt Ion: 84 Resp: 18197
Ion Ratio Lower Upper
84 100
49 103.8 103.6 155.4
51 33.1 33.8 50.6#
86 65.2 49.4 74.0





#25

2-Butanone

Concen: 6.266 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX037369.D

Acq: 30 Aug 2023 04:46

Instrument :

MSVOA_X

ClientSampleId :

OR-309-OK-370-VOC-23

Tgt Ion: 43 Resp: 7872

Ion Ratio Lower Upper

43 100

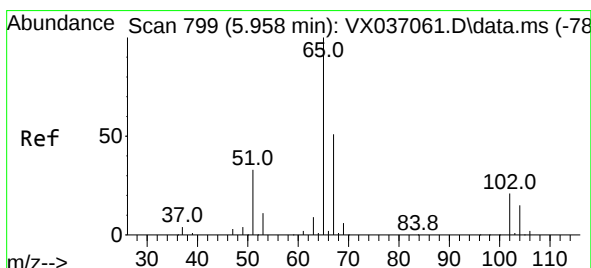
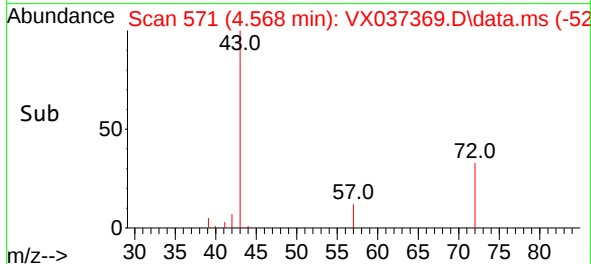
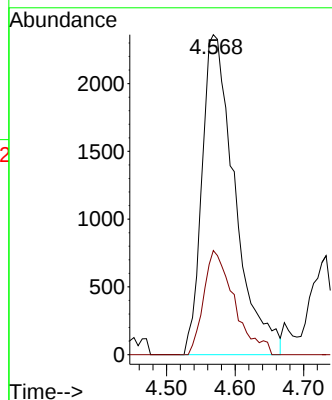
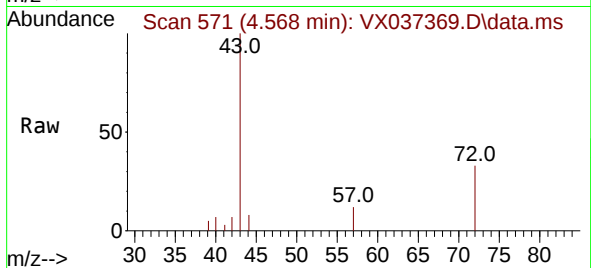
72 32.5 19.4 29.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/31/2023



#33

1,2-Dichloroethane-d4

Concen: 43.030 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037369.D

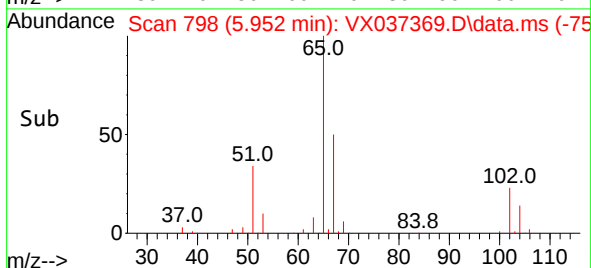
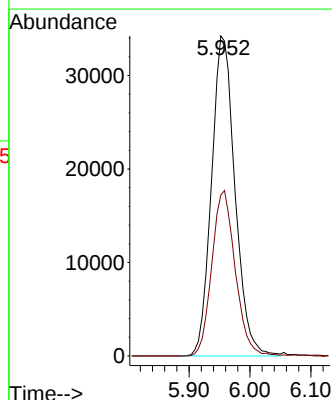
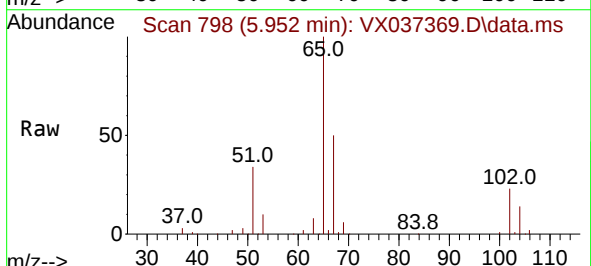
Acq: 30 Aug 2023 04:46

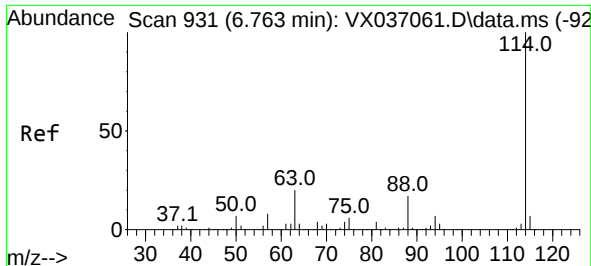
Tgt Ion: 65 Resp: 91773

Ion Ratio Lower Upper

65 100

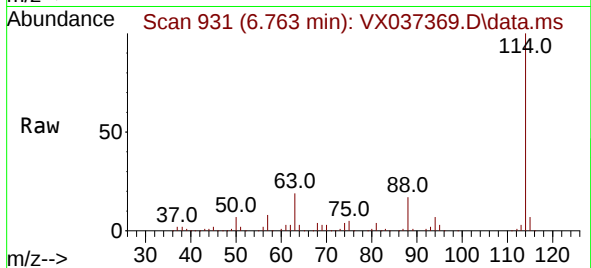
67 51.5 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

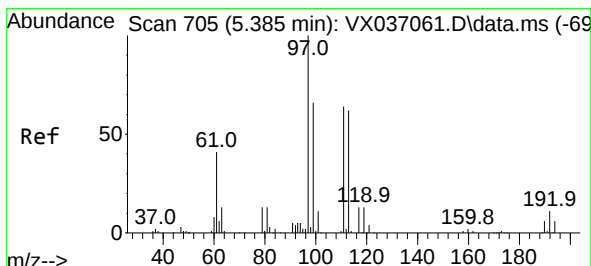
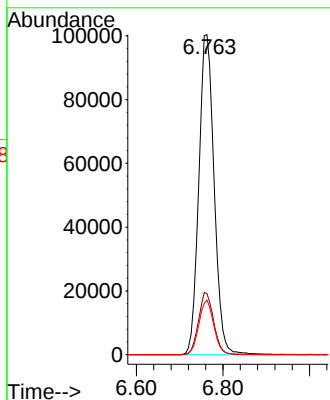
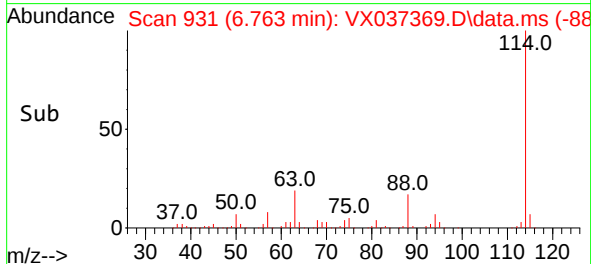
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-23



Tgt Ion:114 Resp: 246680
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 17.0 0.0 36.6

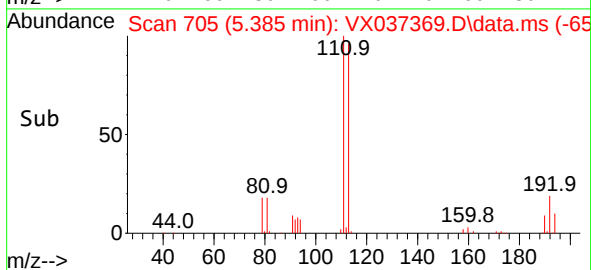
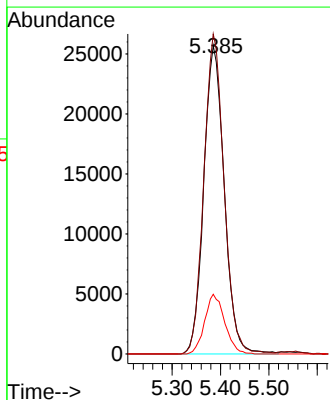
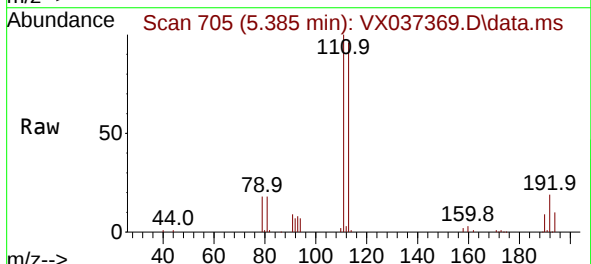
Manual Integrations
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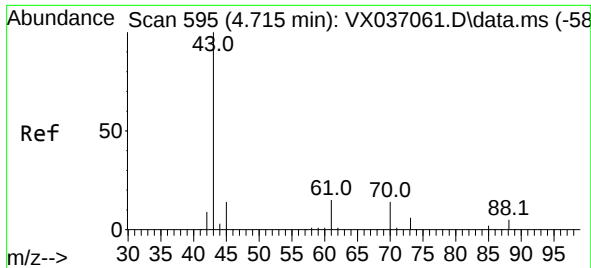
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#35
Dibromofluoromethane
Concen: 46.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

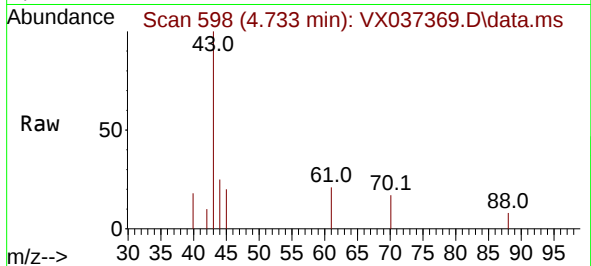
Tgt Ion:113 Resp: 75587
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.9 13.3 19.9





#37
Ethyl Acetate
Concen: 1.064 ug/l
RT: 4.733 min Scan# 595
Delta R.T. 0.018 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

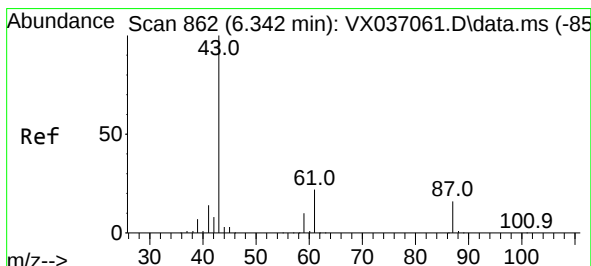
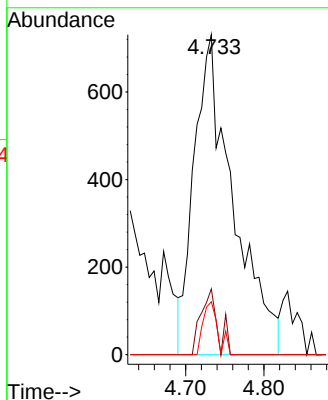
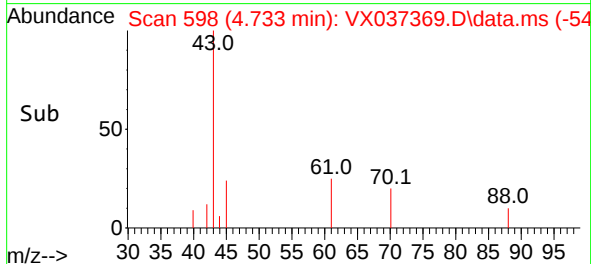
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-23



Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
61 7.5 10.6 16.0
70 6.2 8.3 12.5

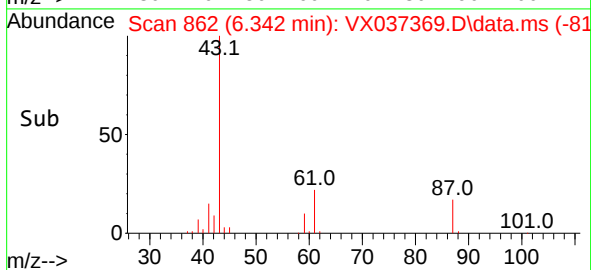
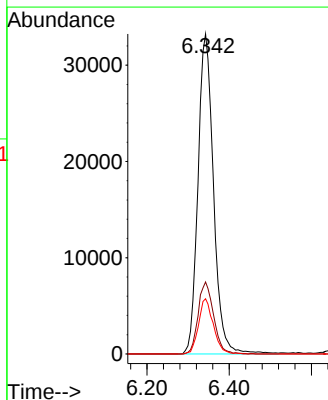
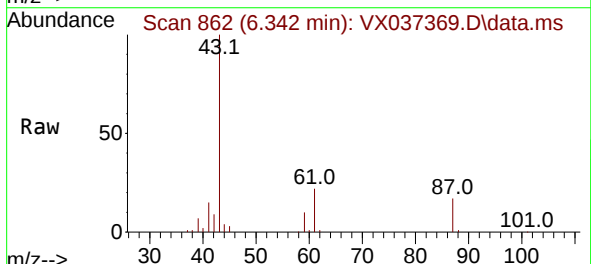
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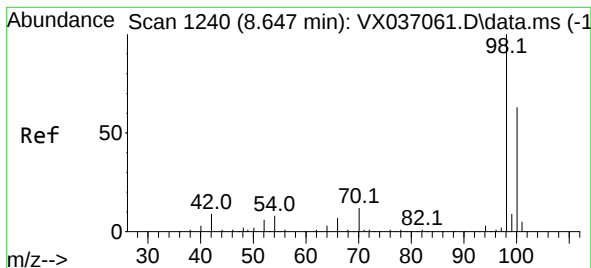
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#43
Isopropyl Acetate
Concen: 23.176 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

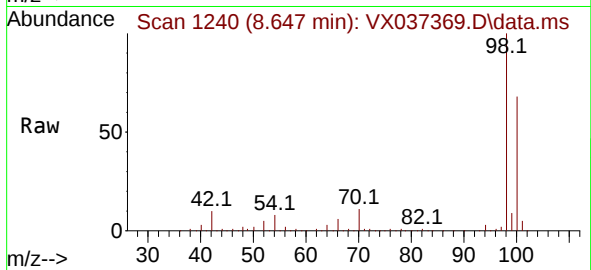
Tgt Ion: 43 Resp: 87239
Ion Ratio Lower Upper
43 100
61 22.4 15.2 22.8
87 16.4 9.8 14.6





#50
Toluene-d8
Concen: 49.198 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

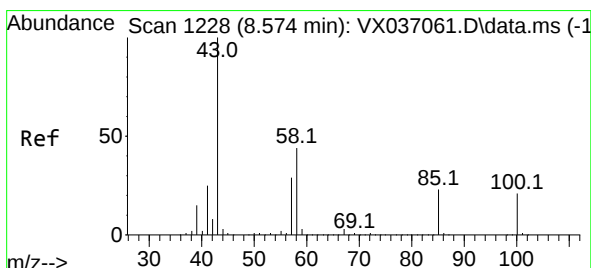
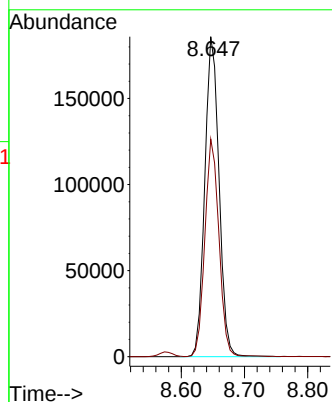
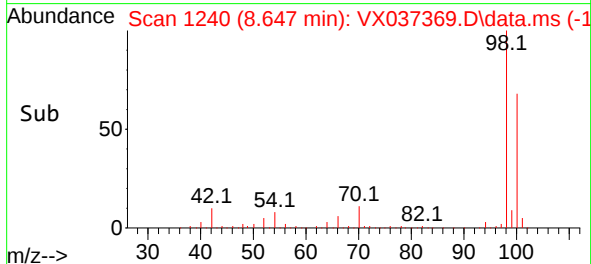
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-23



Tgt Ion: 98 Resp: 291552
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

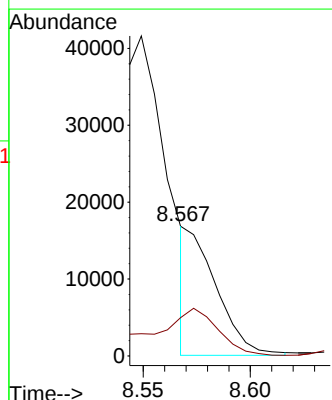
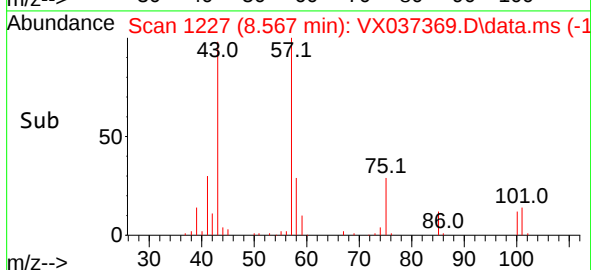
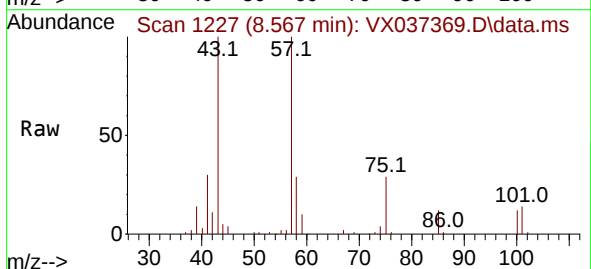
Manual Integrations
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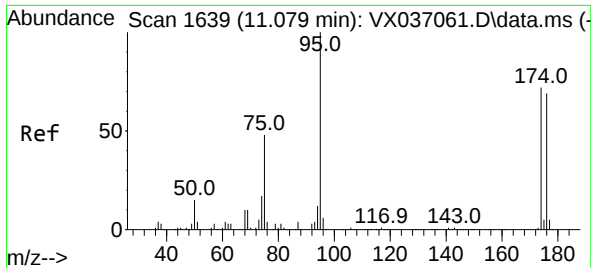
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#51
4-Methyl-2-Pentanone
Concen: 6.878 ug/l m
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

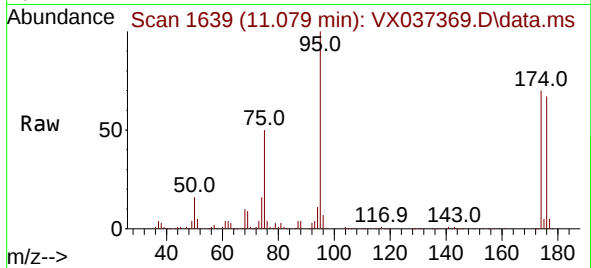
Tgt Ion: 43 Resp: 15721
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#62
4-Bromofluorobenzene
Concen: 45.828 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46

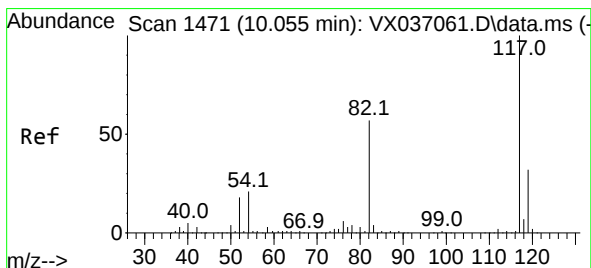
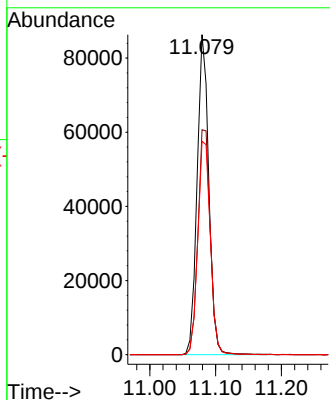
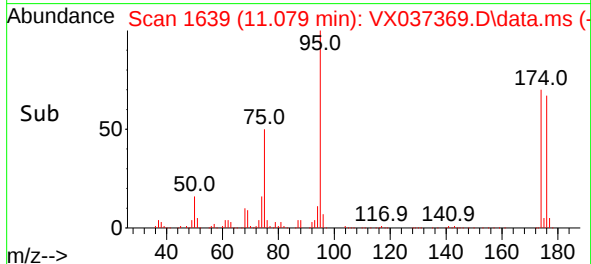
Instrument :
MSVOA_X
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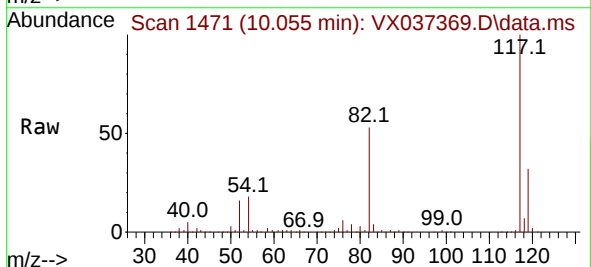
Tgt Ion: 95 Resp: 10672
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.6 0.0 131.0

Manual Integrations
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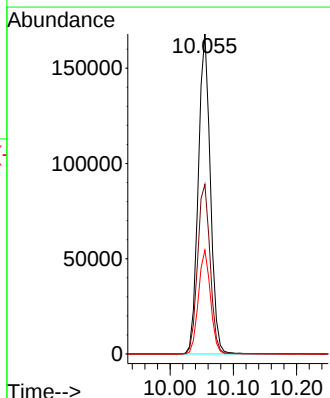
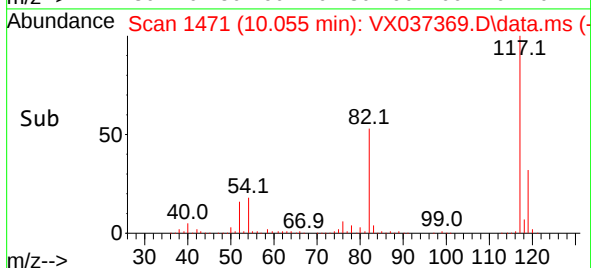
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023

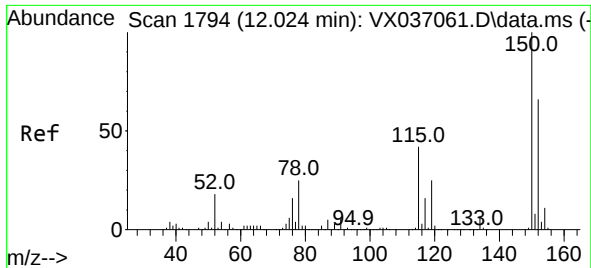


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037369.D
Acq: 30 Aug 2023 04:46



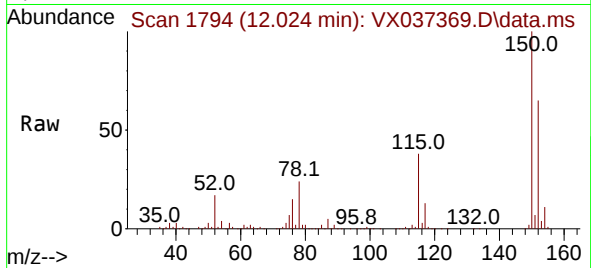
Tgt Ion:117 Resp: 223871
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037369.D
 Acq: 30 Aug 2023 04:46

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-23



Tgt Ion:152 Resp: 97719
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.3 129.9
 150 156.7 0.0 345.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 08/31/2023

