

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037367.D
 Acq On : 30 Aug 2023 03:58
 Operator : JC/MD
 Sample : 04197-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-21

Quant Time: Aug 30 04:53:39 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 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	147964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93195	43.689	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.380%		
35) Dibromofluoromethane	5.385	113	75856	46.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.020%		
50) Toluene-d8	8.646	98	297320	49.712	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	112286	47.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.540%		
Target Compounds						
8) Diethyl Ether	2.135	74	1211	1.167	ug/l	73
16) Acetone	2.379	43	21938	26.288	ug/l #	89
20) Methylene Chloride	2.788	84	16722	8.960	ug/l #	88
25) 2-Butanone	4.568	43	7793	6.202	ug/l #	83
43) Isopropyl Acetate	6.342	43	85111	22.404	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	15549m	6.740	ug/l	

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

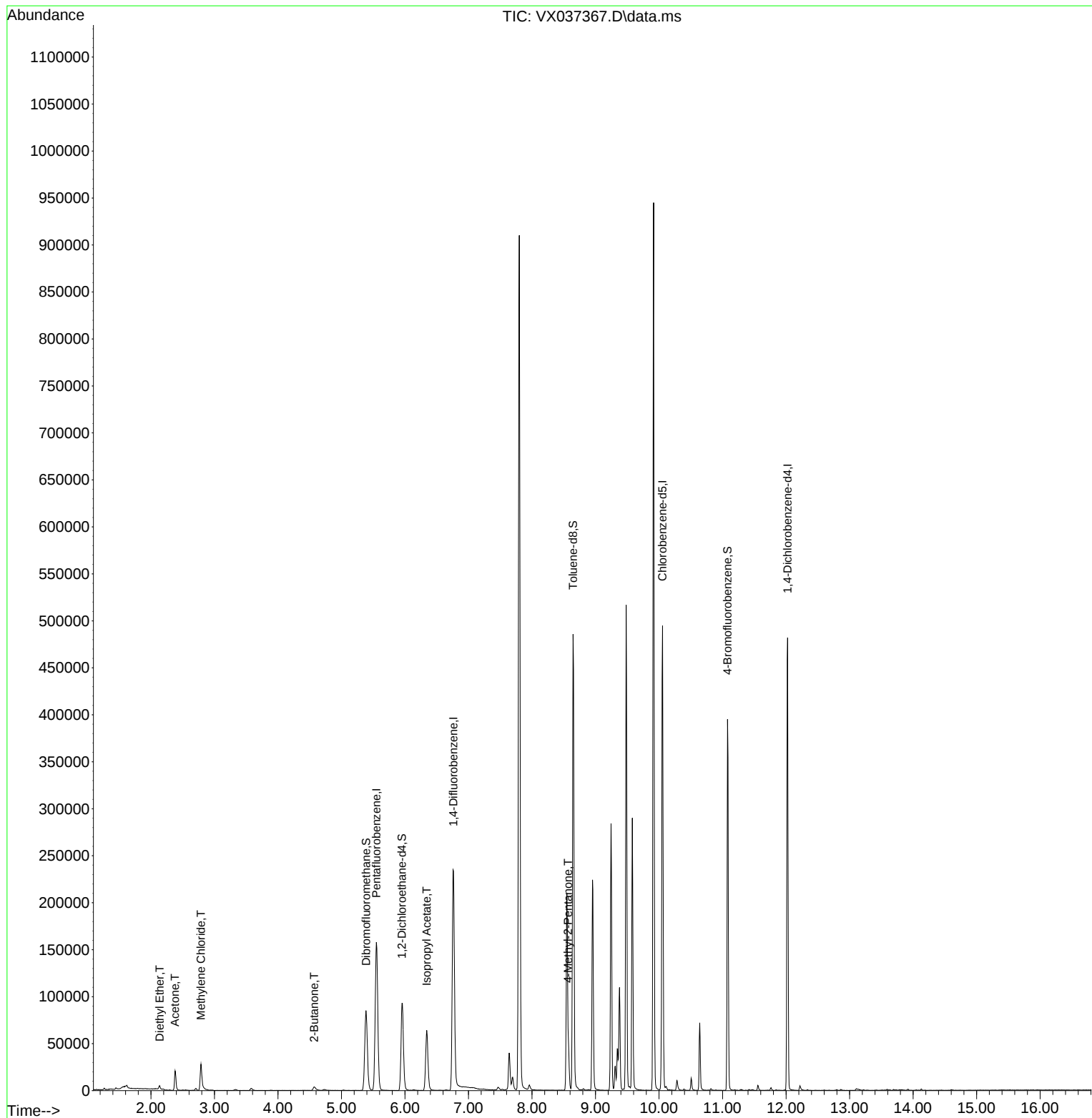
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037367.D
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Operator : JC/MD
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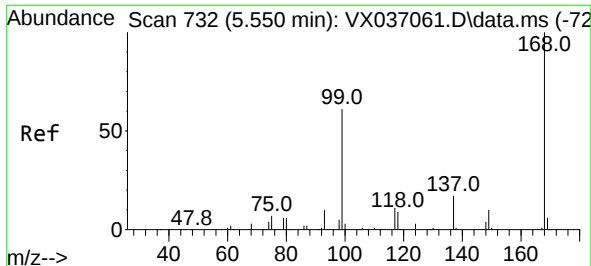
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-21

Quant Time: Aug 30 04:53:39 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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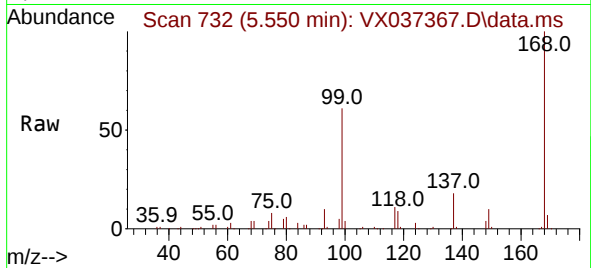
Reviewed By : John Carlone 08/30/2023
Supervised By : Mahesh Dadoda 08/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58

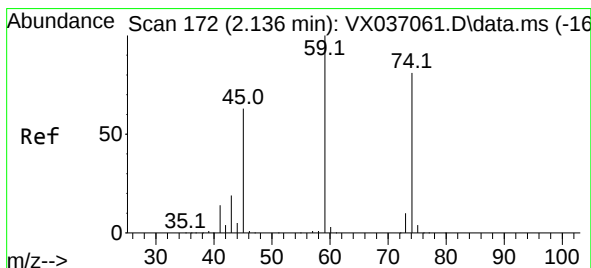
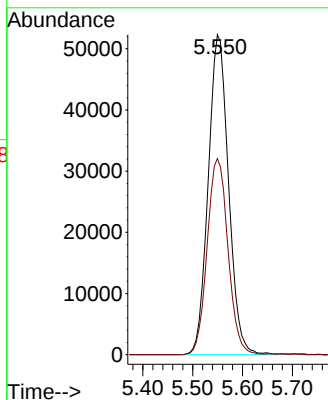
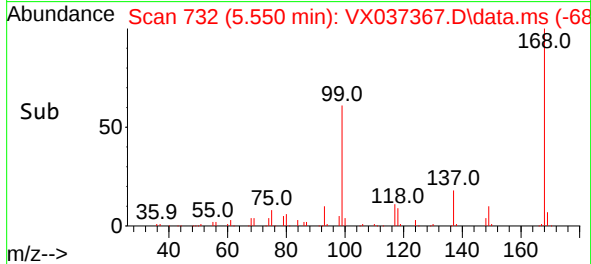
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-21



Tgt Ion:168 Resp: 147964
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0

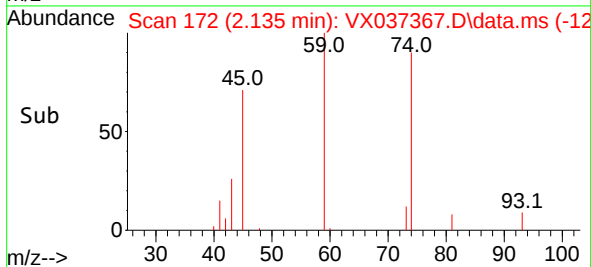
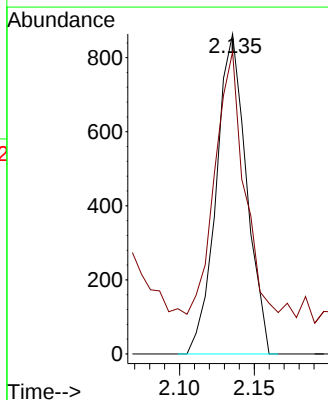
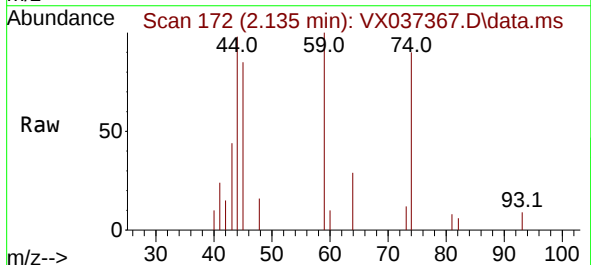
Manual Integrations
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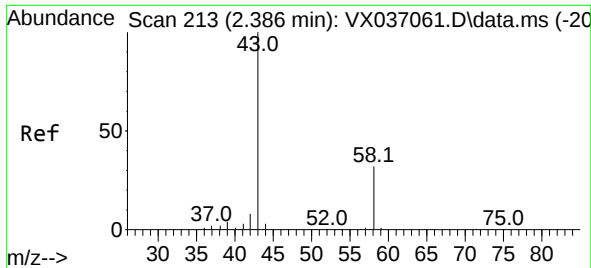
Reviewed By :John Carlone 08/30/2023
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#8
Diethyl Ether
Concen: 1.167 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58

Tgt Ion: 74 Resp: 1211
Ion Ratio Lower Upper
74 100
45 78.4 53.3 159.8





#16

Acetone

Concen: 26.288 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037367.D

Acq: 30 Aug 2023 03:58

Instrument :

MSVOA_X

ClientSampleId :

OR-309-OK-370-VOC-21

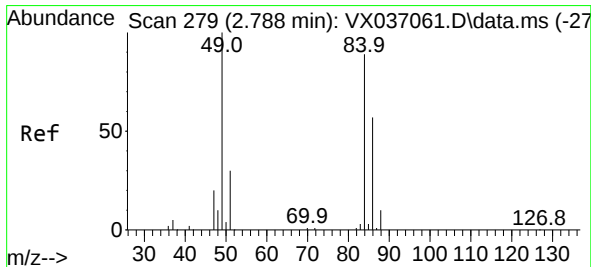
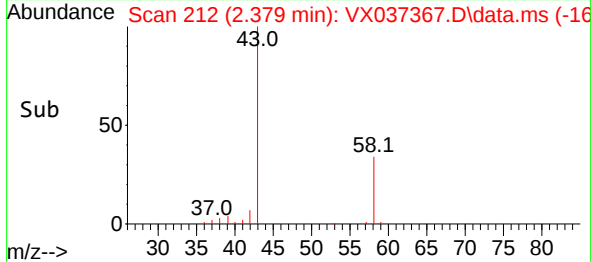
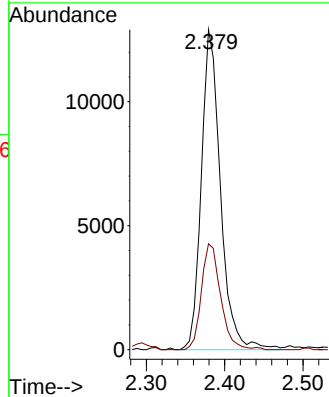
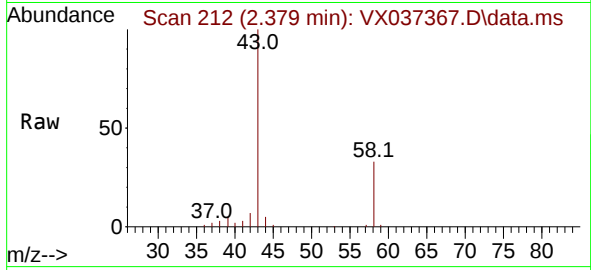
Tgt Ion: 43 Resp: 21938
 Ion Ratio Lower Upper
 43 100
 58 33.1 21.9 32.9

Manual Integrations

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#20

Methylene Chloride

Concen: 8.960 ug/l

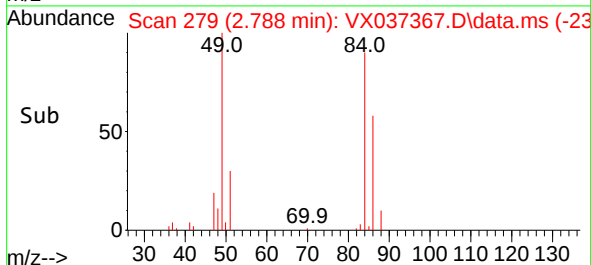
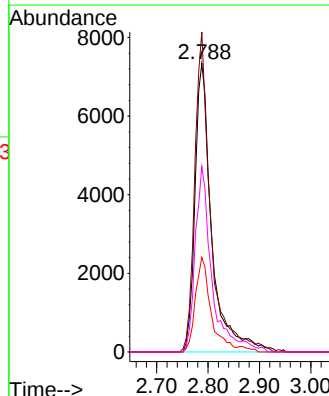
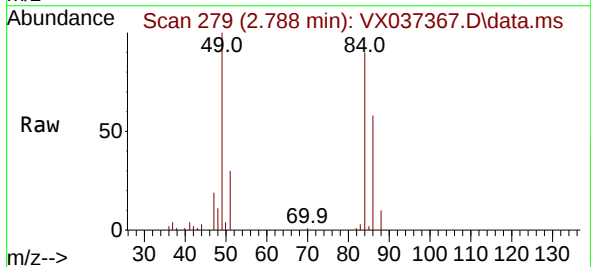
RT: 2.788 min Scan# 279

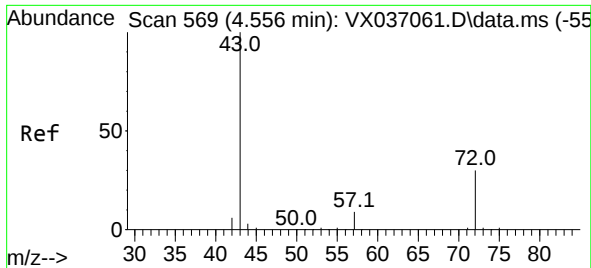
Delta R.T. -0.000 min

Lab File: VX037367.D

Acq: 30 Aug 2023 03:58

Tgt Ion: 84 Resp: 16722
 Ion Ratio Lower Upper
 84 100
 49 110.9 103.6 155.4
 51 32.8 33.8 50.6
 86 64.3 49.4 74.0





#25

2-Butanone

Concen: 6.202 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX037367.D

Acq: 30 Aug 2023 03:58

Instrument :

MSVOA_X

ClientSampleId :

OR-309-OK-370-VOC-21

Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

43 100

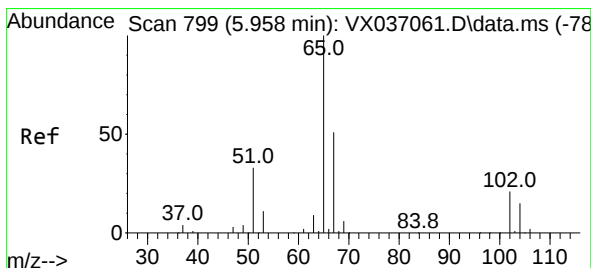
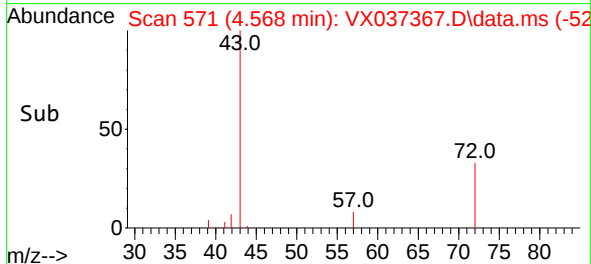
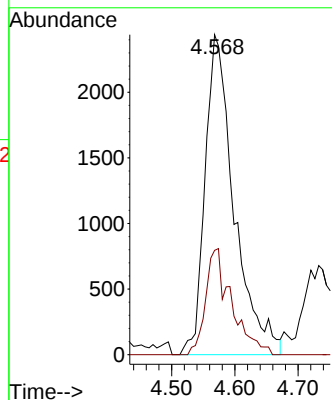
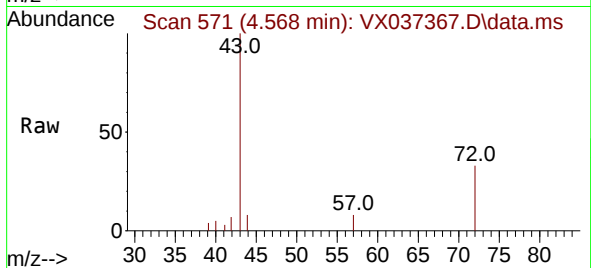
72 32.6 19.4 29.2

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 43.689 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037367.D

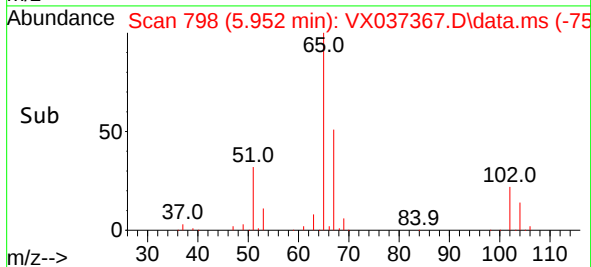
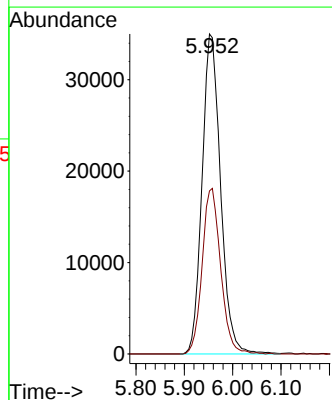
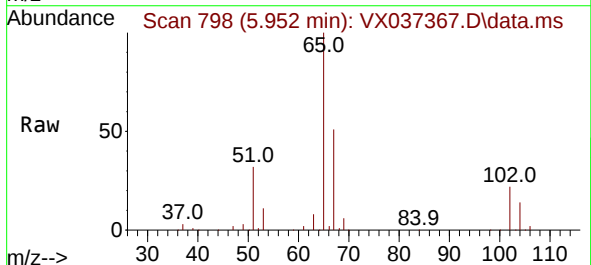
Acq: 30 Aug 2023 03:58

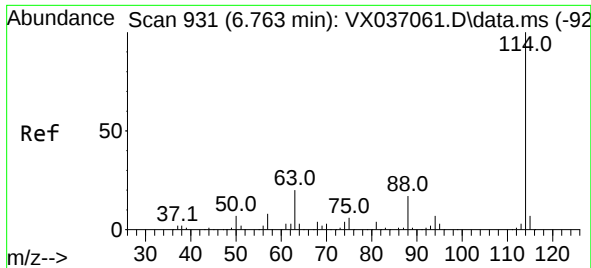
Tgt Ion: 65 Resp: 93195

Ion Ratio Lower Upper

65 100

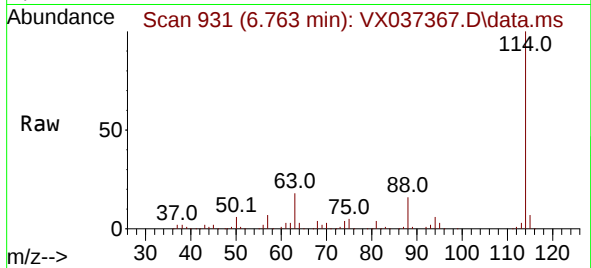
67 51.6 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58

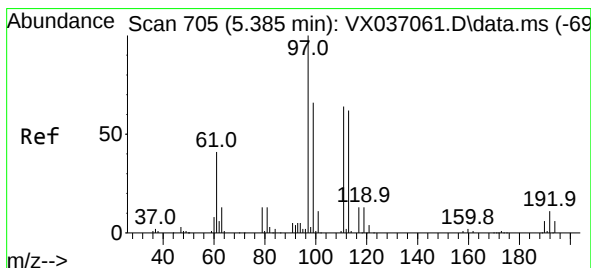
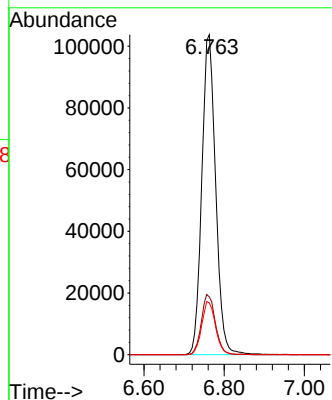
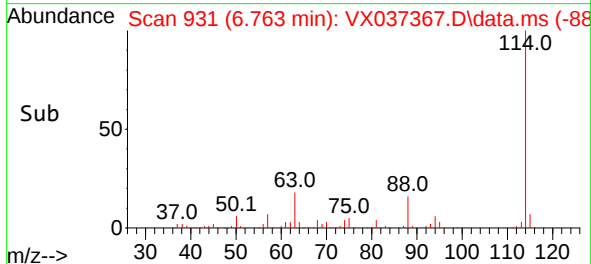
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-21



Tgt Ion:114 Resp: 248959
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 16.2 0.0 36.6

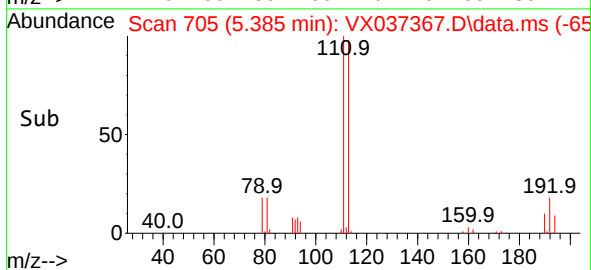
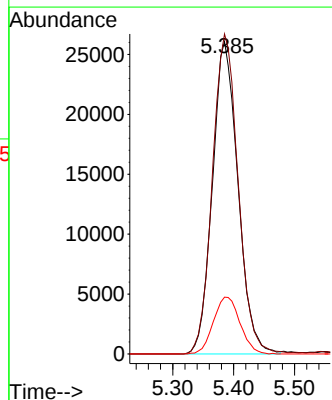
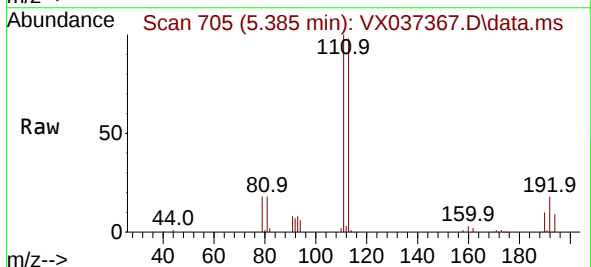
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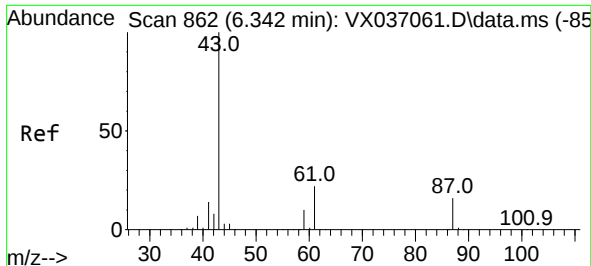
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#35
Dibromofluoromethane
Concen: 46.007 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58

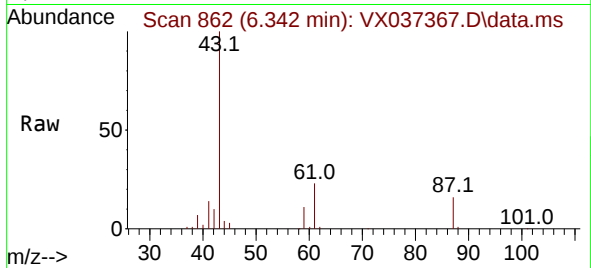
Tgt Ion:113 Resp: 75856
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.0 13.3 19.9





#43
Isopropyl Acetate
Concen: 22.404 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58

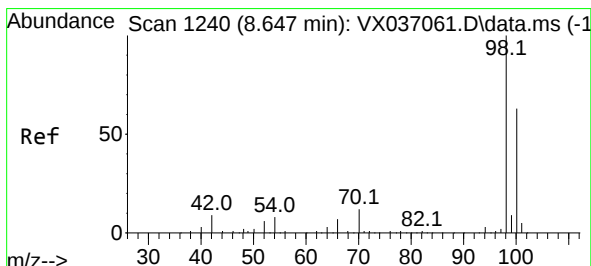
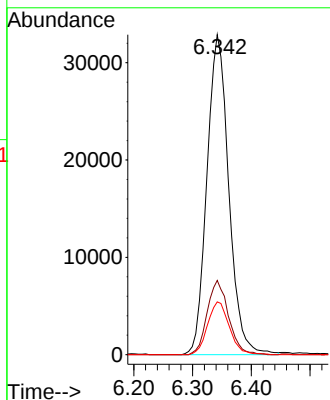
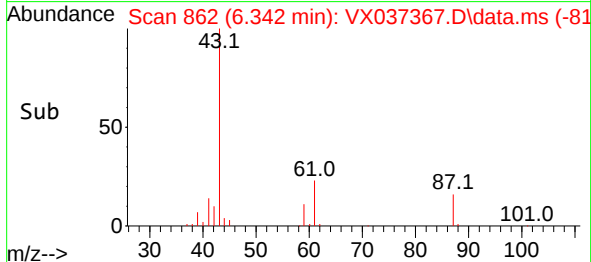
Instrument :
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ClientSampleId :
OR-309-OK-370-VOC-21



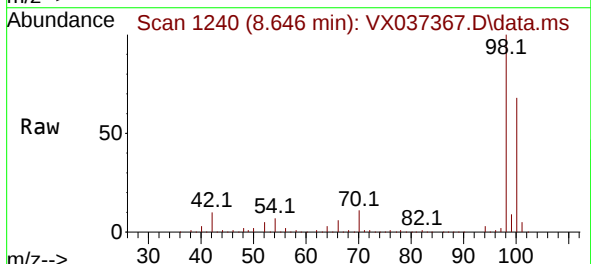
Tgt Ion: 43 Resp: 8511
Ion Ratio Lower Upper
43 100
61 22.6 15.2 22.8
87 16.5 9.8 14.6

Manual Integrations
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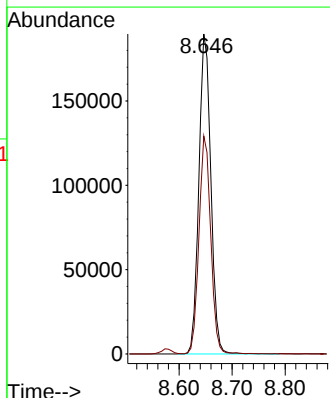
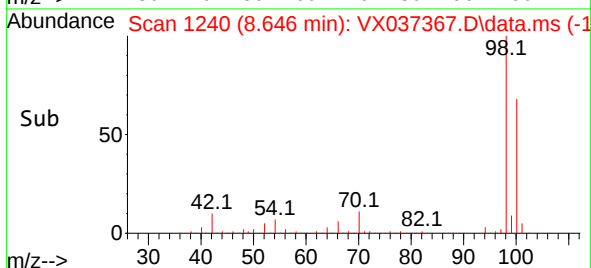
Reviewed By :John Carlone 08/30/2023
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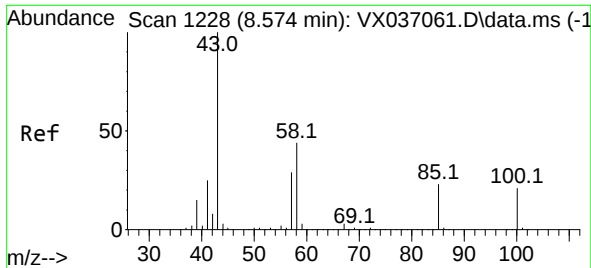


#50
Toluene-d8
Concen: 49.712 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58



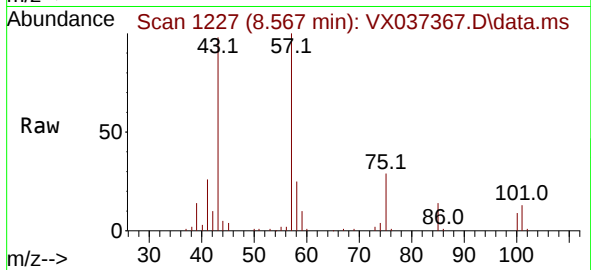
Tgt Ion: 98 Resp: 297320
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 6.740 ug/l m
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58

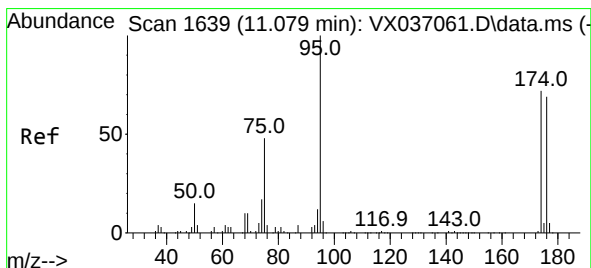
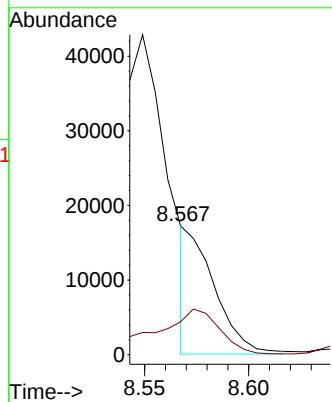
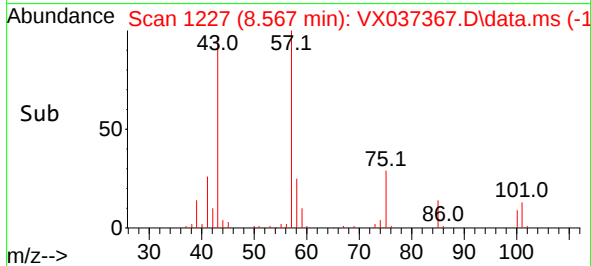
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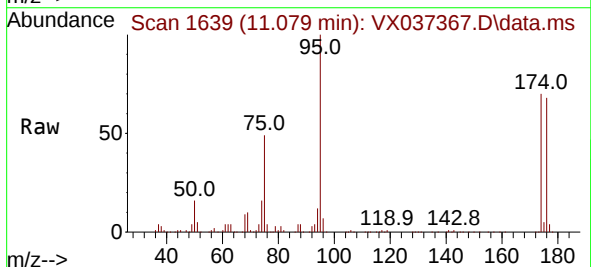
Tgt Ion: 43 Resp: 15549
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6

Manual Integrations
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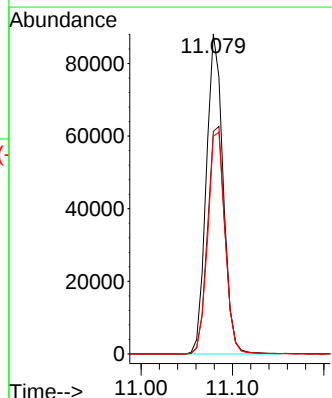
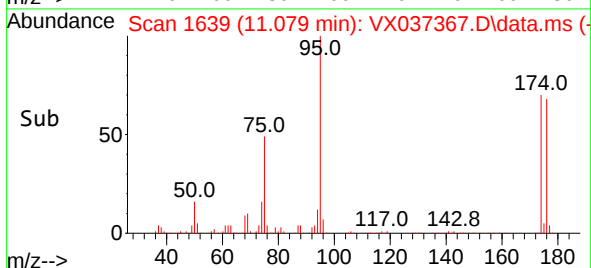
Reviewed By :John Carlone 08/30/2023
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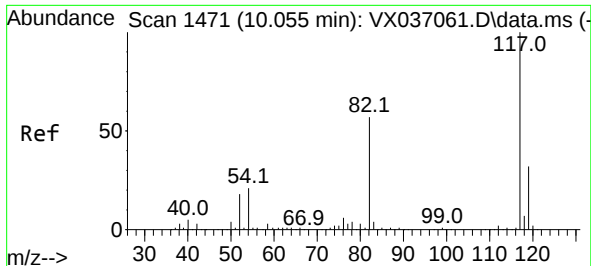


#62
4-Bromofluorobenzene
Concen: 47.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58



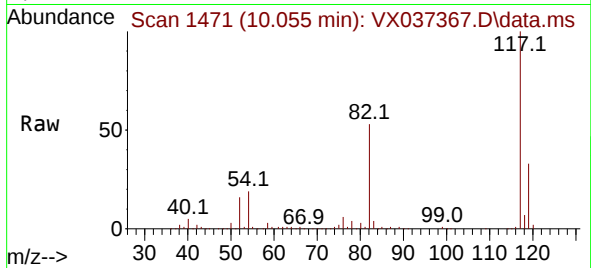
Tgt Ion: 95 Resp: 112286
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58

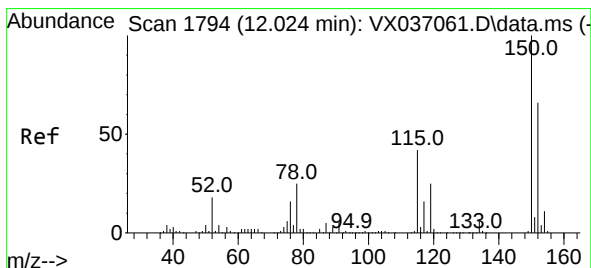
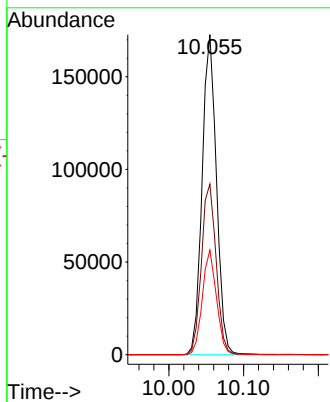
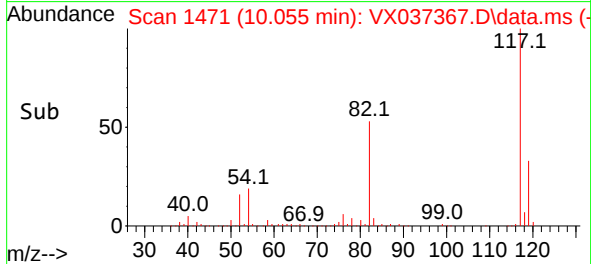
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-21



Tgt Ion:117 Resp: 229999
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 32.7 25.5 38.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037367.D
Acq: 30 Aug 2023 03:58

Tgt Ion:152 Resp: 104907
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.7 0.0 345.0

