

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037373.D
 Acq On : 30 Aug 2023 06:23
 Operator : JC/MD
 Sample : 04196-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-345-VOC-01

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 01:27:07 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	176790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	119003	46.691	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.380%		
35) Dibromofluoromethane	5.385	113	100932	49.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	8.647	98	354321	47.558	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.120%		
62) 4-Bromofluorobenzene	11.079	95	138127	47.177	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.360%		
Target Compounds						
16) Acetone	2.380	43	22480	22.546	ug/l	92
20) Methylene Chloride	2.788	84	17440	7.821	ug/l #	86
25) 2-Butanone	4.568	43	7712	5.137	ug/l #	90
43) Isopropyl Acetate	6.342	43	83186	17.578	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	14649m	5.098	ug/l	

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

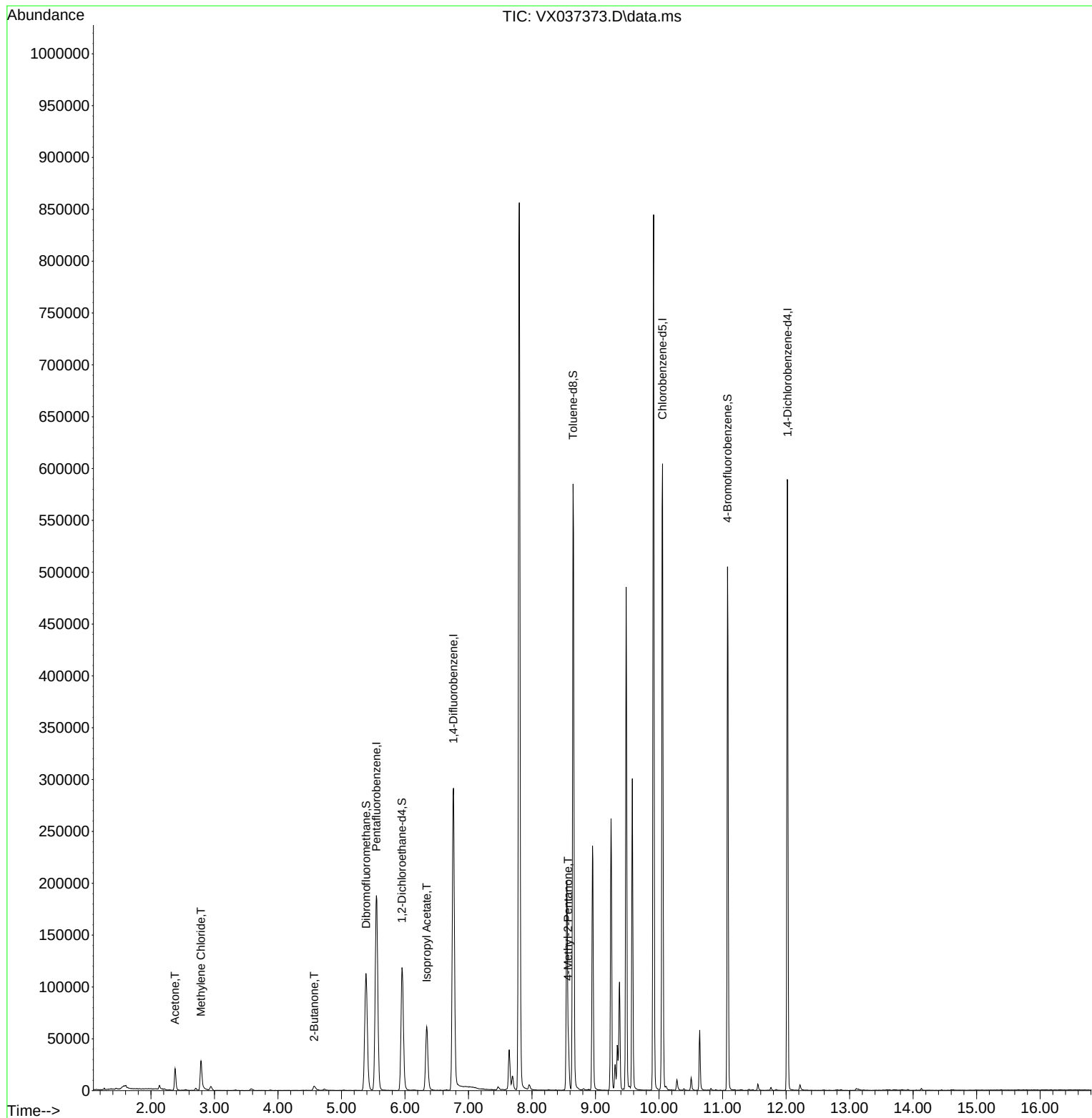
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037373.D
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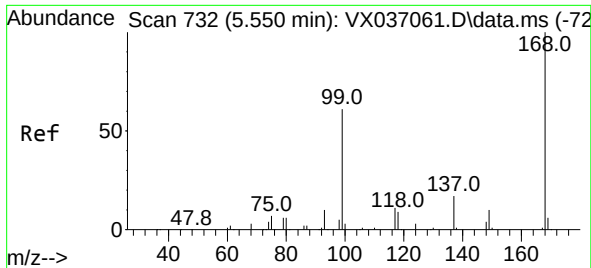
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-01

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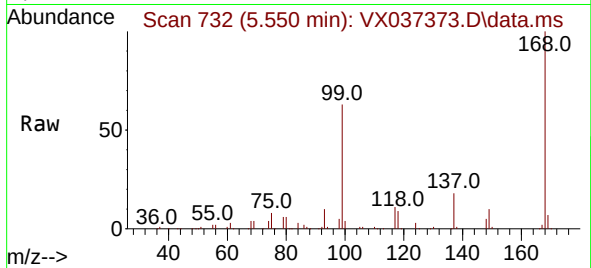
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23

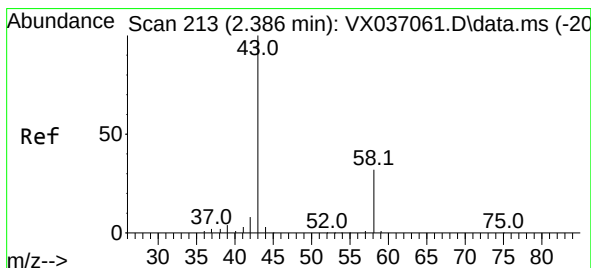
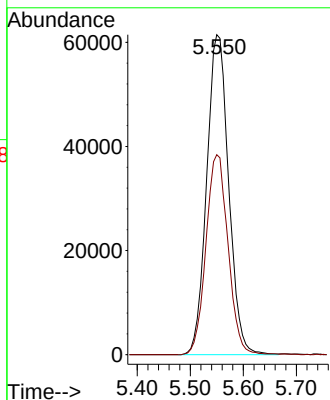
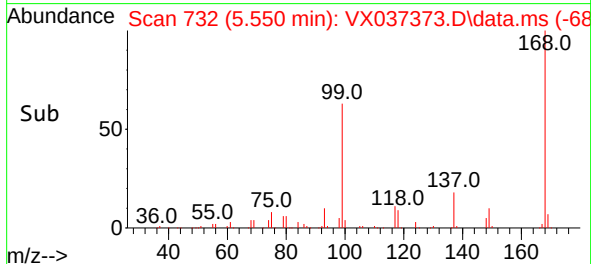
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-01



Tgt Ion:168 Resp: 176790
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0

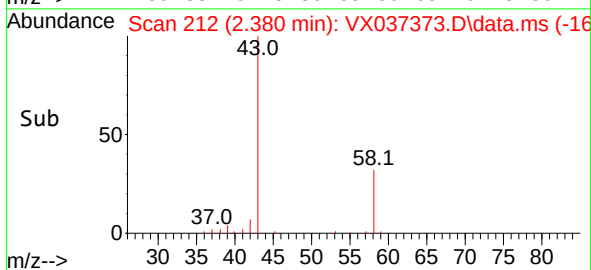
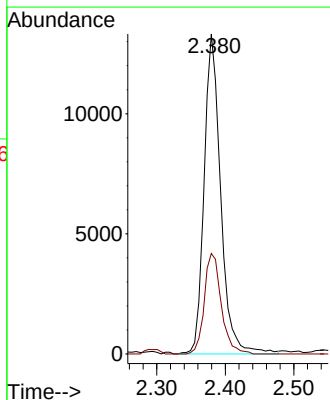
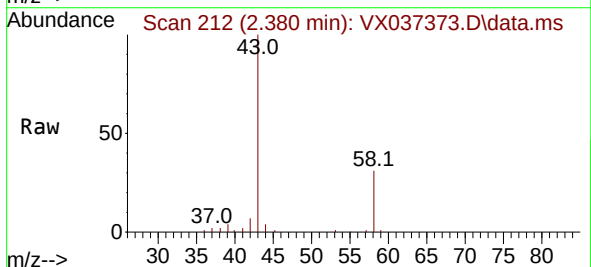
Manual Integrations
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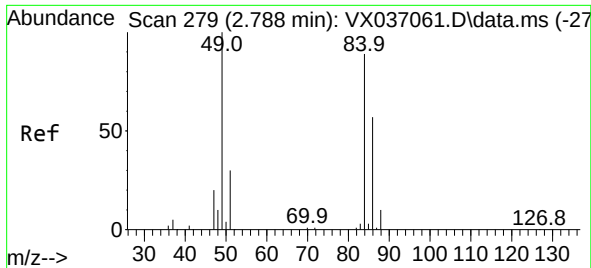
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#16
Acetone
Concen: 22.546 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23

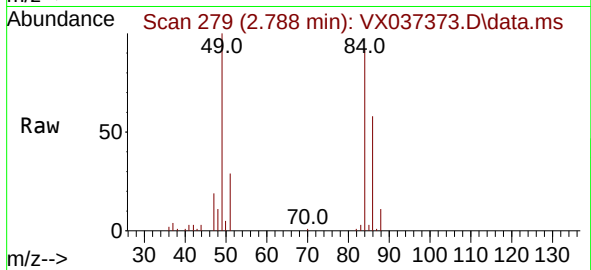
Tgt Ion: 43 Resp: 22480
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9





#20
Methylene Chloride
Concen: 7.821 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23

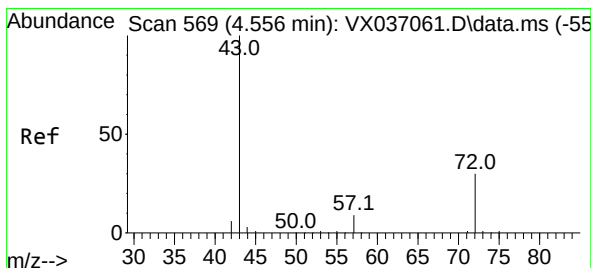
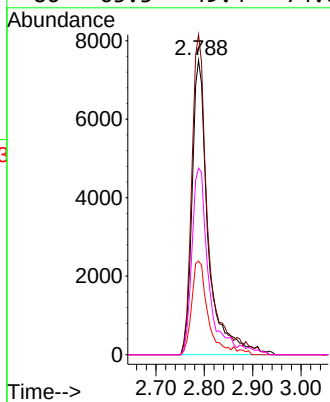
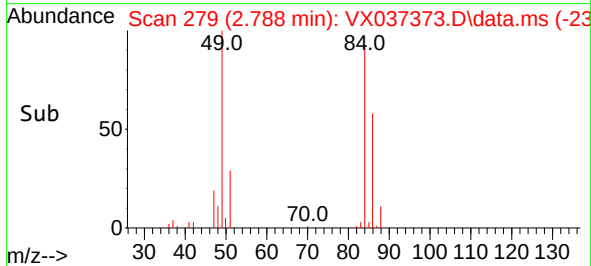
Instrument :
MSVOA_X
ClientSampleId :
OR-345-VOC-01



Tgt Ion: 84 Resp: 17440
Ion Ratio Lower Upper
84 100
49 108.6 103.6 155.4
51 31.7 33.8 50.6
86 63.3 49.4 74.0

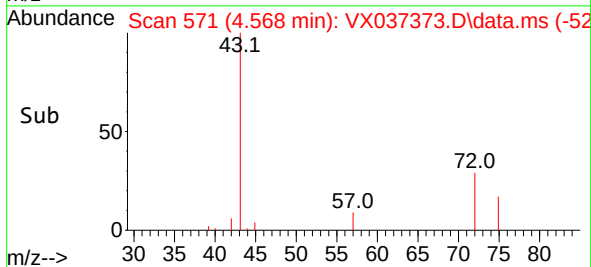
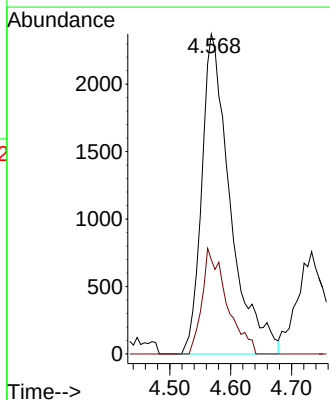
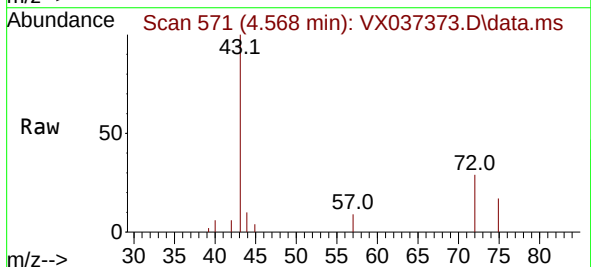
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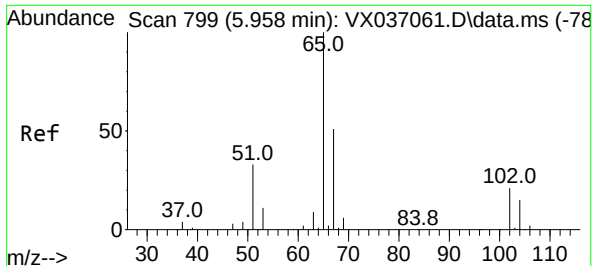
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#25
2-Butanone
Concen: 5.137 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23

Tgt Ion: 43 Resp: 7712
Ion Ratio Lower Upper
43 100
72 29.4 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 46.691 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037373.D

Acq: 30 Aug 2023 06:23

Instrument :

MSVOA_X

ClientSampleId :

OR-345-VOC-01

Tgt Ion: 65 Resp: 11900

Ion Ratio Lower Upper

65 100

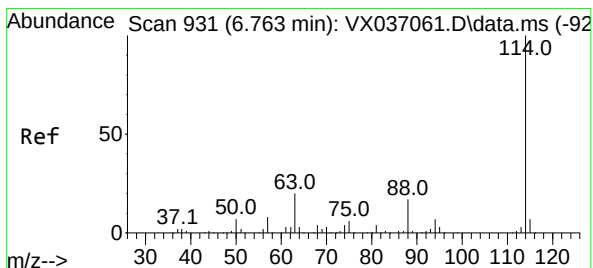
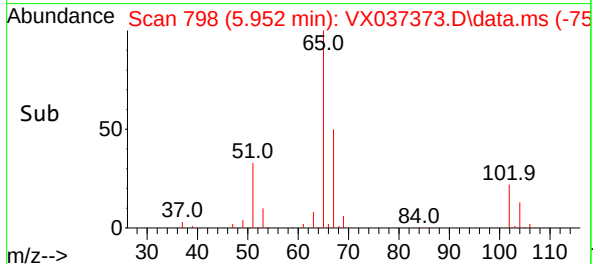
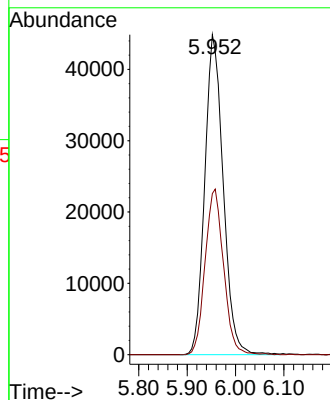
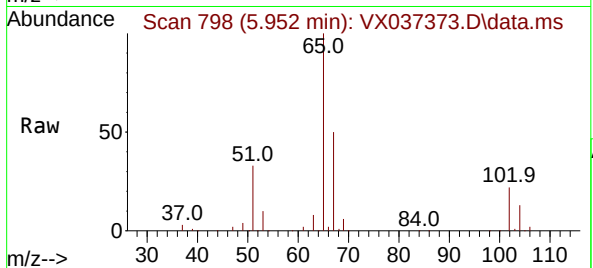
67 51.6 0.0 100.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037373.D

Acq: 30 Aug 2023 06:23

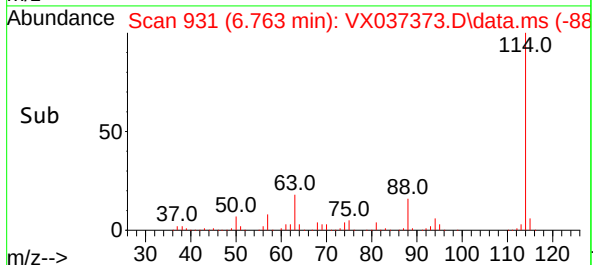
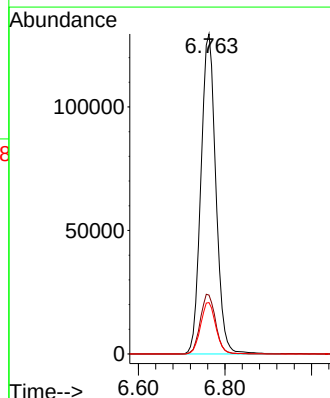
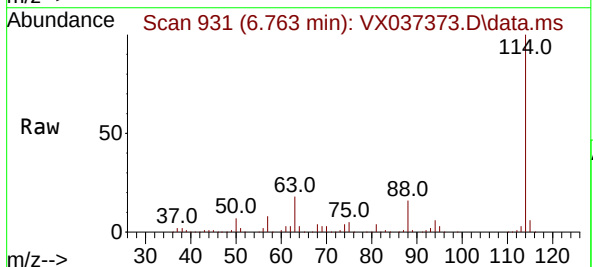
Tgt Ion:114 Resp: 310128

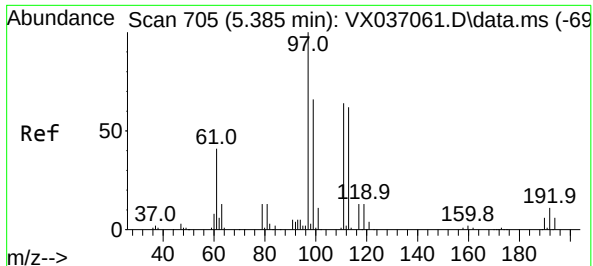
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

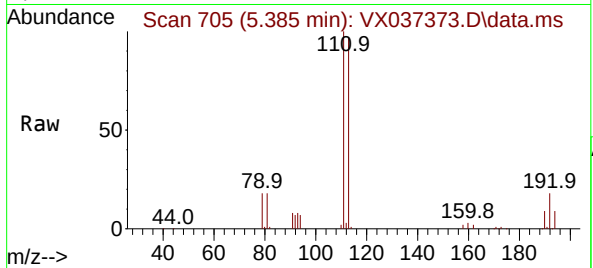
88 16.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.142 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23

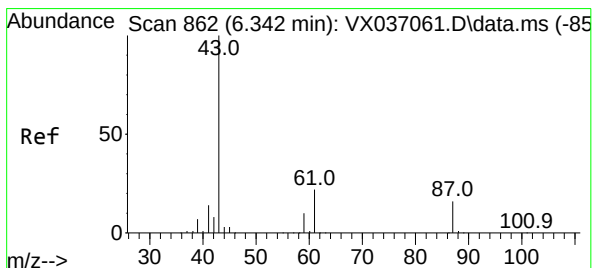
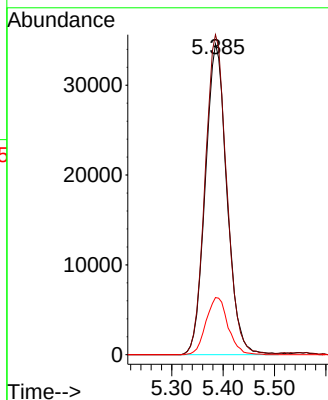
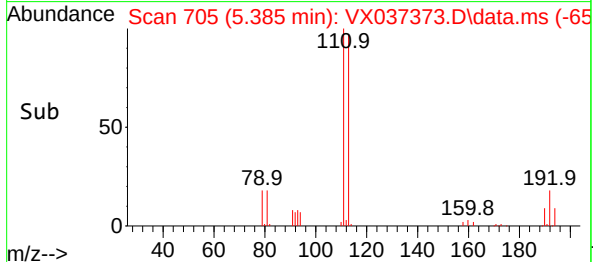
Instrument :
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ClientSampleId :
OR-345-VOC-01



Tgt Ion:113 Resp: 100932
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.7 13.3 19.9

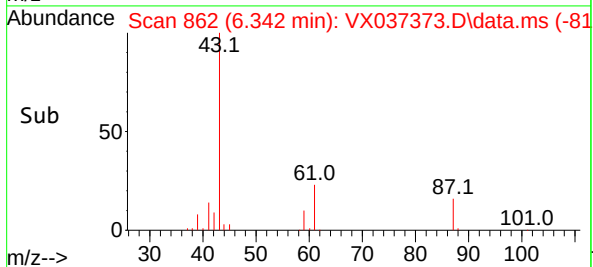
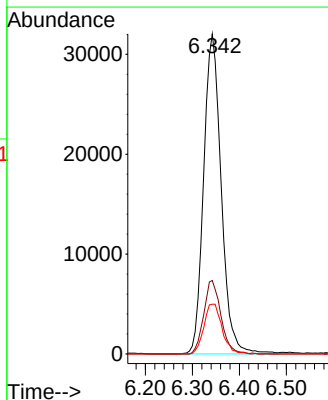
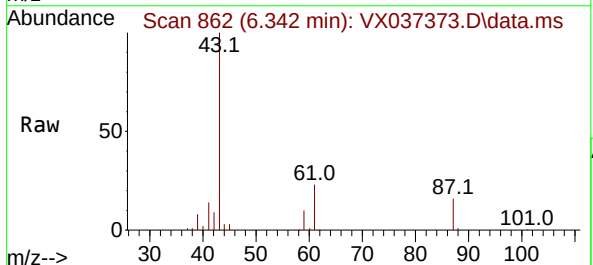
Manual Integrations
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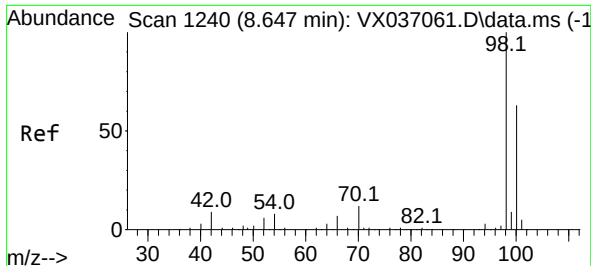
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#43
Isopropyl Acetate
Concen: 17.578 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23

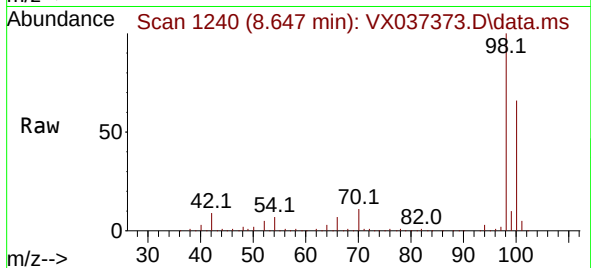
Tgt Ion: 43 Resp: 83186
Ion Ratio Lower Upper
43 100
61 22.5 15.2 22.8
87 16.0 9.8 14.6#





#50
Toluene-d8
Concen: 47.558 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23

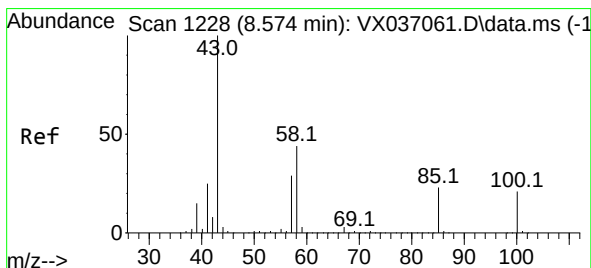
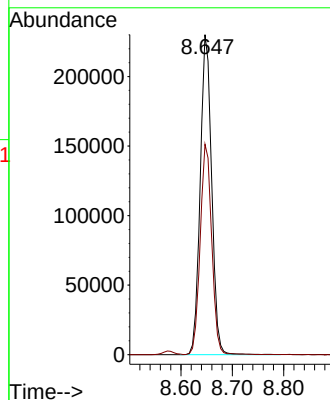
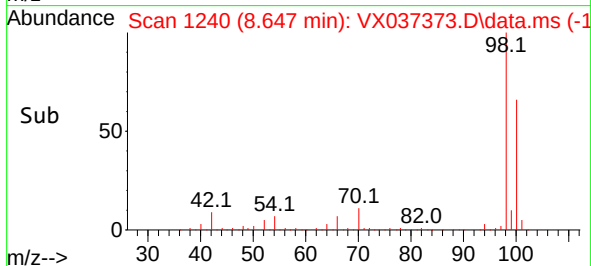
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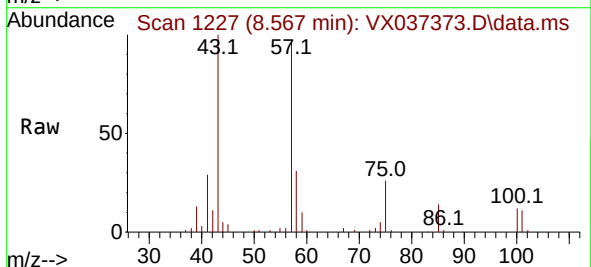
Tgt Ion: 98 Resp: 35432
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

Manual Integrations
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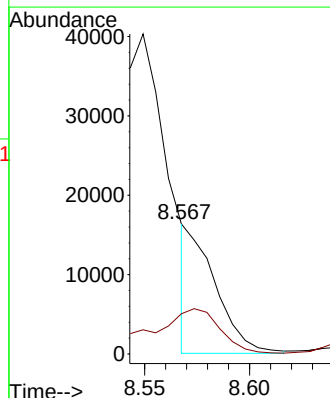
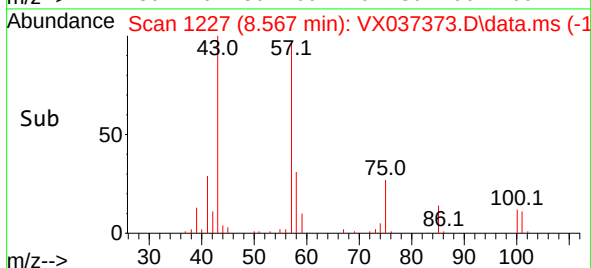
Reviewed By :John Carlone 08/31/2023
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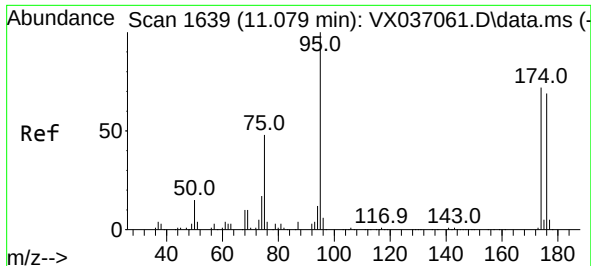


#51
4-Methyl-2-Pentanone
Concen: 5.098 ug/l m
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23



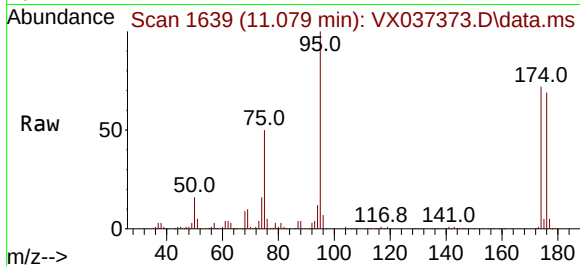
Tgt Ion: 43 Resp: 14649
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#62
4-Bromofluorobenzene
Concen: 47.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23

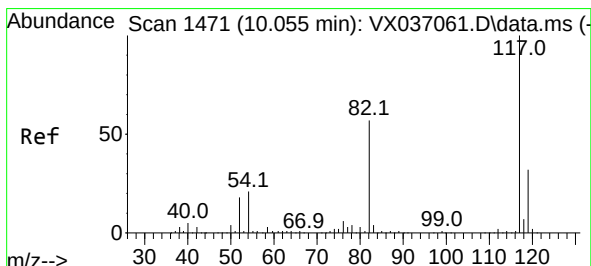
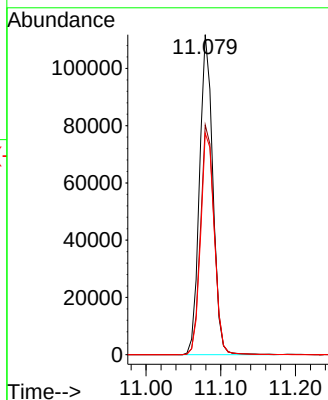
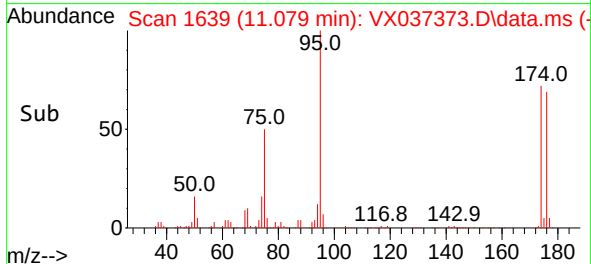
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OR-345-VOC-01



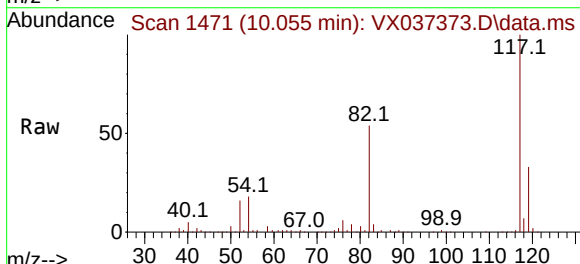
Tgt Ion: 95 Resp: 138127
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.4 0.0 131.0

Manual Integrations
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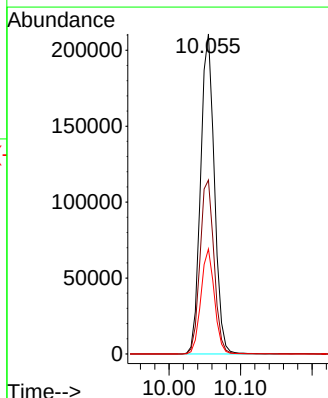
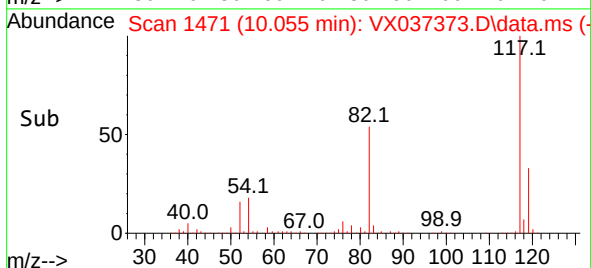
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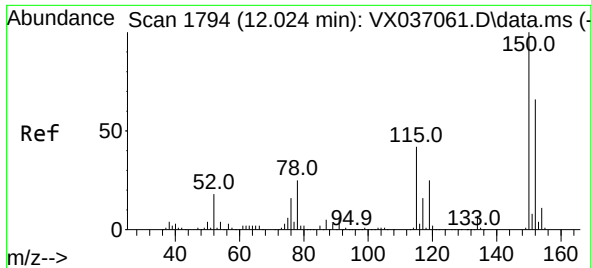


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037373.D
Acq: 30 Aug 2023 06:23



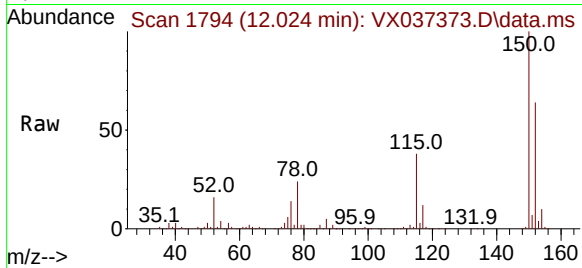
Tgt Ion:117 Resp: 282127
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037373.D
 Acq: 30 Aug 2023 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-345-VOC-01



Tgt Ion:152 Resp: 130054
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.3 129.9
 150 155.9 0.0 345.0

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