

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037370.D
 Acq On : 30 Aug 2023 05:10
 Operator : JC/MD
 Sample : 04198-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-24

Quant Time: Aug 31 01:26:25 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	157537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97810	43.066	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.140%		
35) Dibromofluoromethane	5.385	113	80897	46.878	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.760%		
50) Toluene-d8	8.647	98	311096	49.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.400%		
62) 4-Bromofluorobenzene	11.079	95	114367	46.491	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.980%		
Target Compounds						
8) Diethyl Ether	2.130	74	1223	1.107	ug/l	86
16) Acetone	2.380	43	22562	25.393	ug/l #	89
20) Methylene Chloride	2.788	84	18628	9.375	ug/l #	85
25) 2-Butanone	4.568	43	7524	5.624	ug/l	92
37) Ethyl Acetate	4.727	43	2849	1.138	ug/l #	85
43) Isopropyl Acetate	6.342	43	85276	21.447	ug/l #	90
51) 4-Methyl-2-Pentanone	8.568	43	14995m	6.211	ug/l	

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

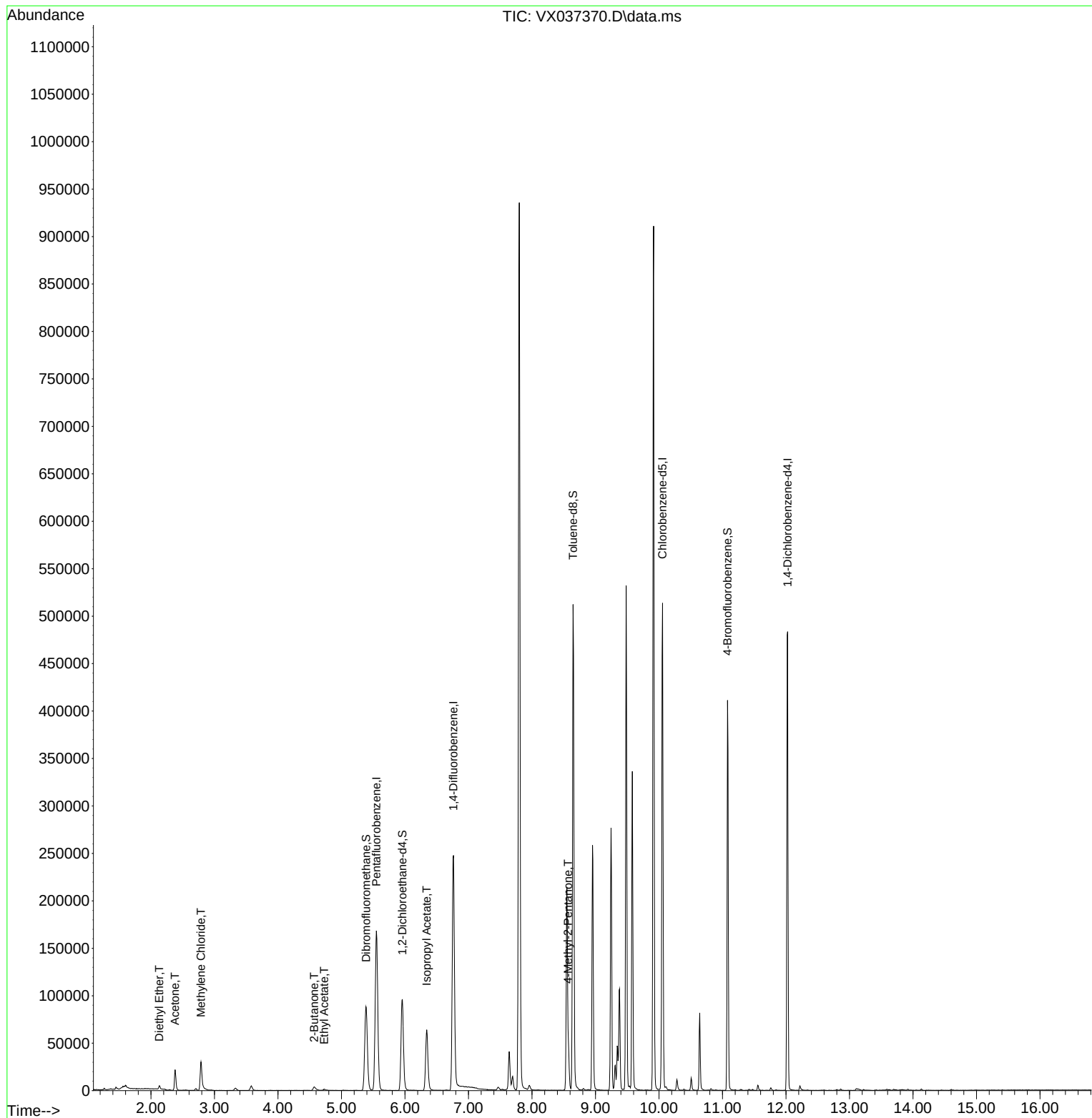
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037370.D
Acq On : 30 Aug 2023 05:10
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Sample : 04198-04
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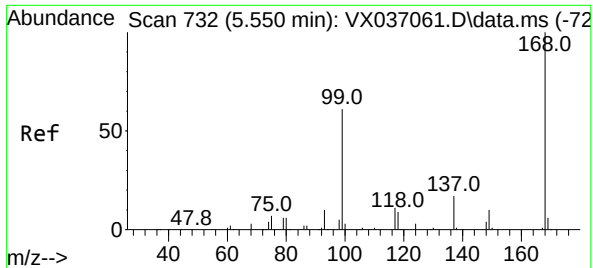
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-24

Quant Time: Aug 31 01:26:25 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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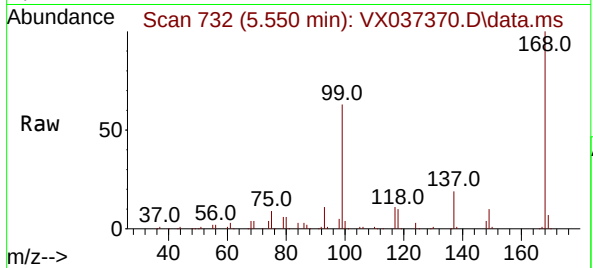
Reviewed By : John Carlone 08/31/2023
Supervised By : Mahesh Dadoda 08/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

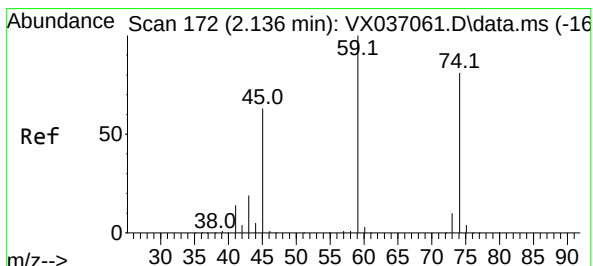
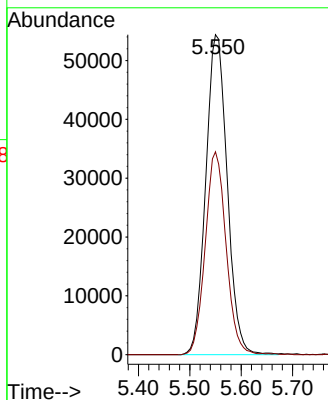
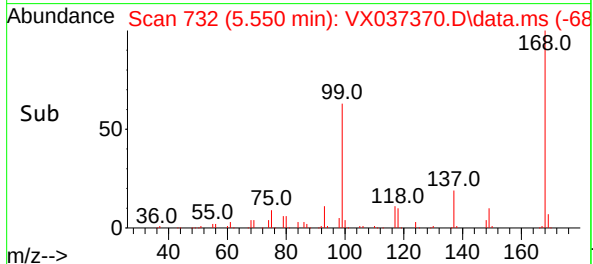
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-24



Tgt Ion:168 Resp: 15753
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0

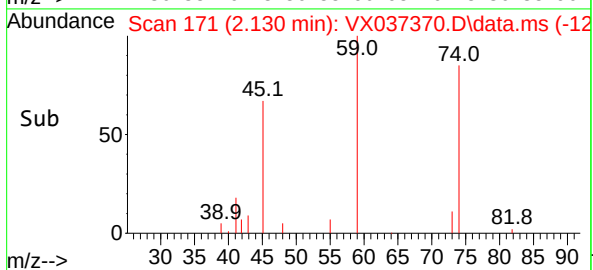
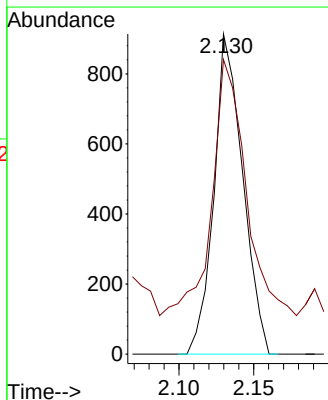
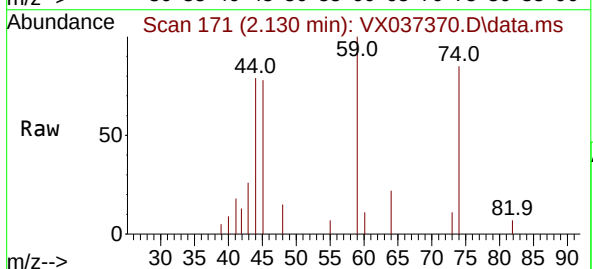
Manual Integrations
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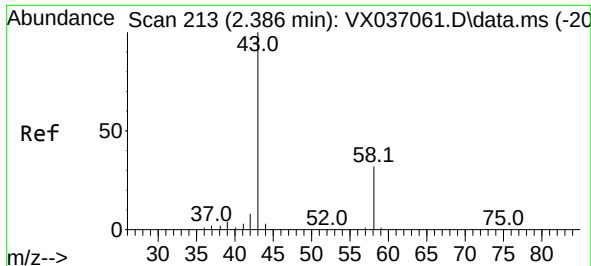
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#8
Diethyl Ether
Concen: 1.107 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

Tgt Ion: 74 Resp: 1223
Ion Ratio Lower Upper
74 100
45 92.2 53.3 159.8





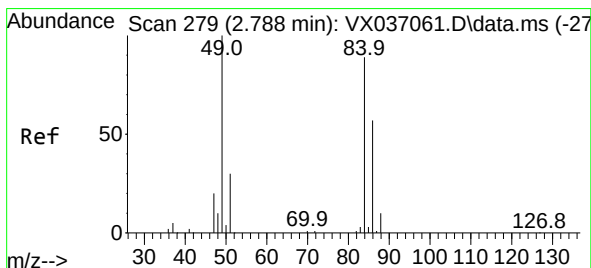
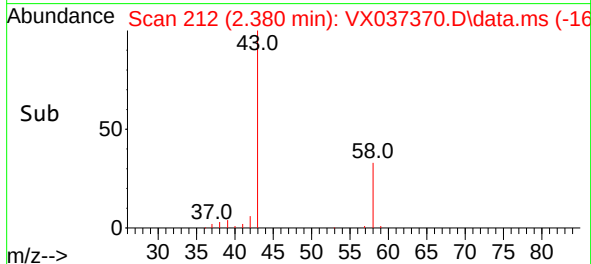
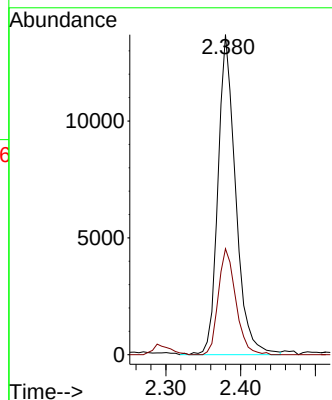
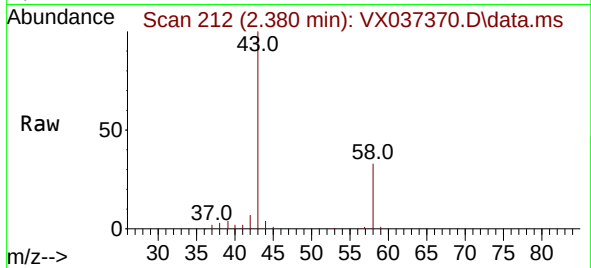
#16
Acetone
Concen: 25.393 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-24

Tgt Ion: 43 Resp: 22562
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9

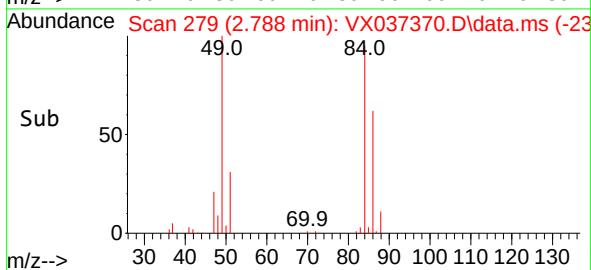
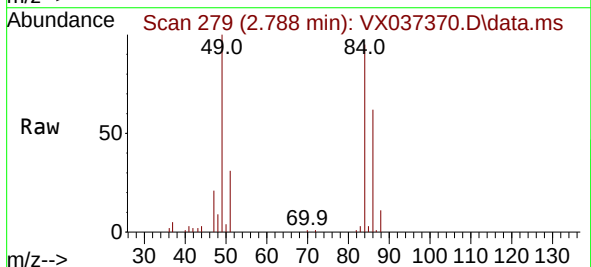
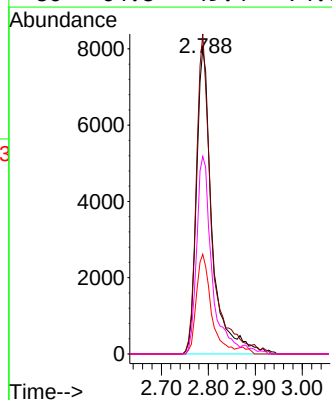
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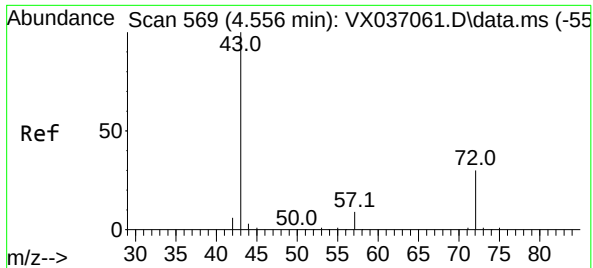
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#20
Methylene Chloride
Concen: 9.375 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

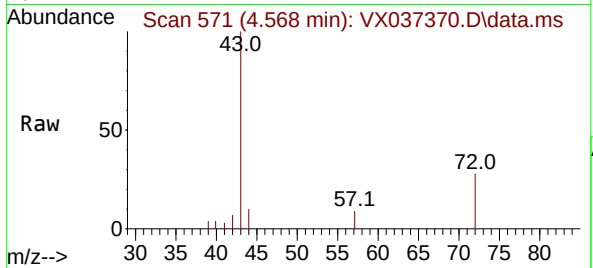
Tgt Ion: 84 Resp: 18628
Ion Ratio Lower Upper
84 100
49 105.0 103.6 155.4
51 32.7 33.8 50.6#
86 64.8 49.4 74.0





#25
2-Butanone
Concen: 5.624 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

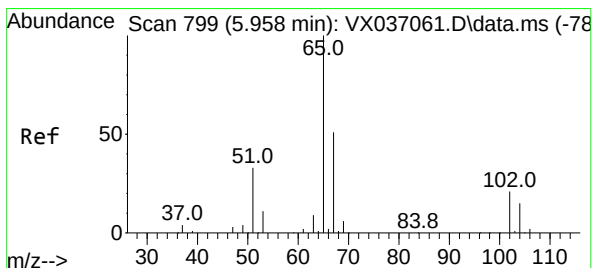
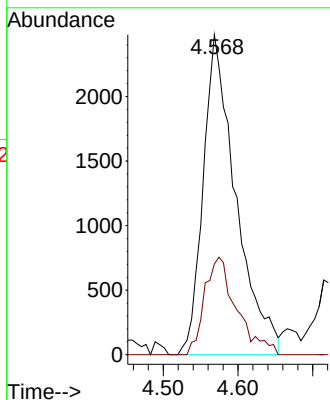
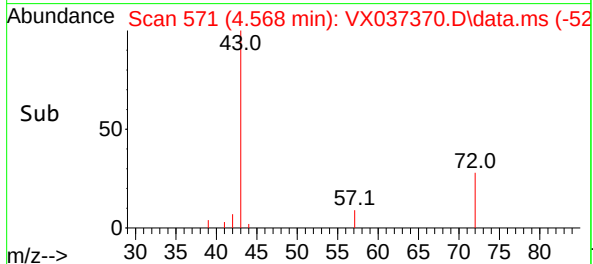
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-24



Tgt Ion: 43 Resp: 7524
Ion Ratio Lower Upper
43 100
72 28.4 19.4 29.2

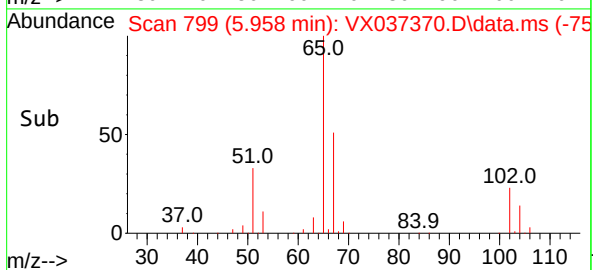
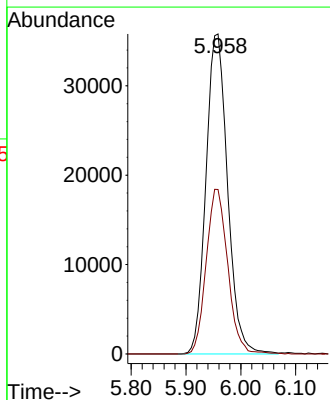
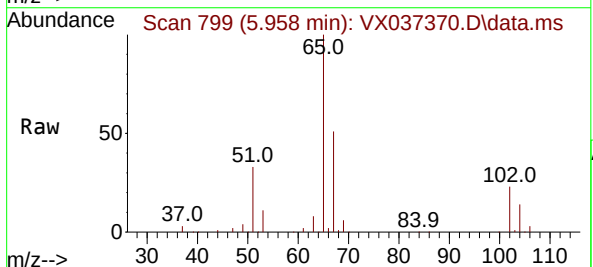
Manual Integrations
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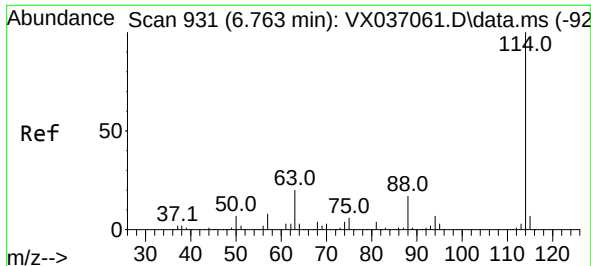
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#33
1,2-Dichloroethane-d4
Concen: 43.066 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

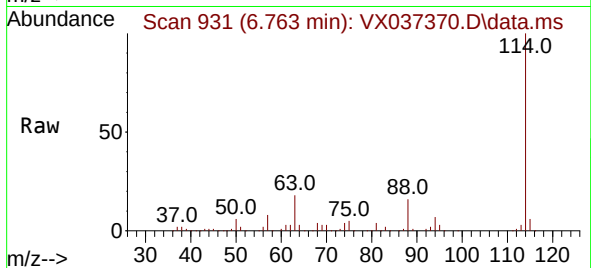
Tgt Ion: 65 Resp: 97810
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

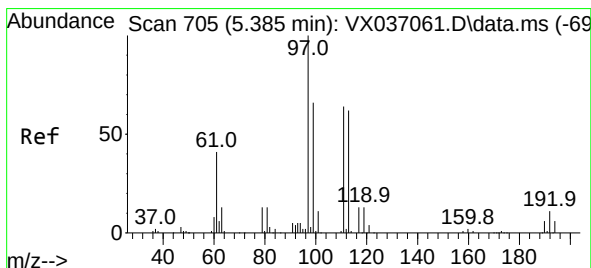
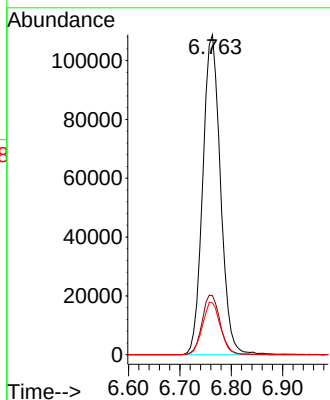
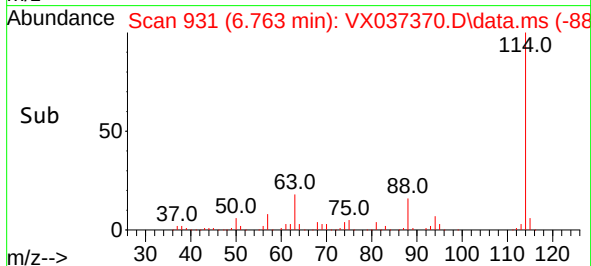
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-24



Tgt Ion:114 Resp: 260568
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 16.2 0.0 36.6

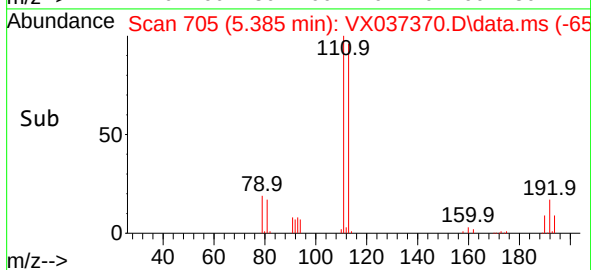
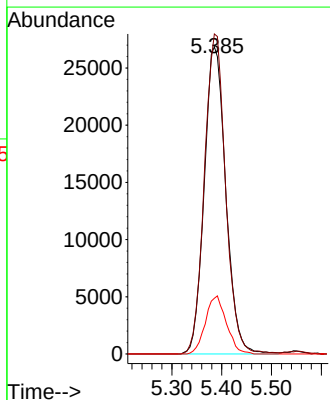
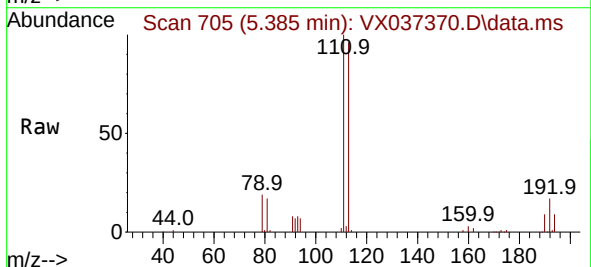
Manual Integrations
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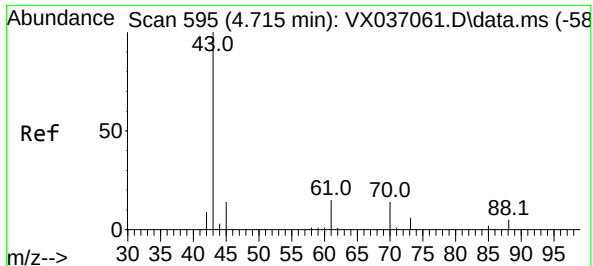
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#35
Dibromofluoromethane
Concen: 46.878 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

Tgt Ion:113 Resp: 80897
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.3 13.3 19.9





#37

Ethyl Acetate

Concen: 1.138 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX037370.D

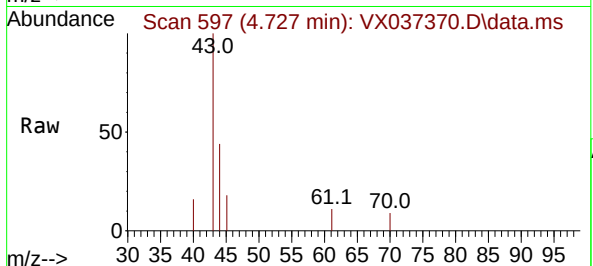
Acq: 30 Aug 2023 05:10

Instrument :

MSVOA_X

ClientSampleId :

OR-309-OK-370-VOC-24



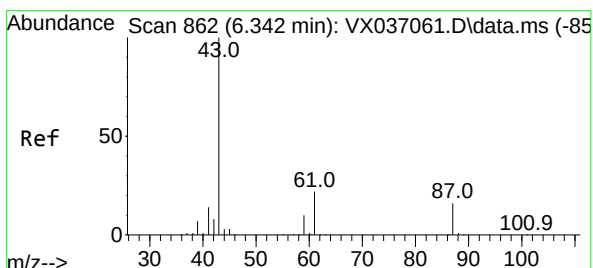
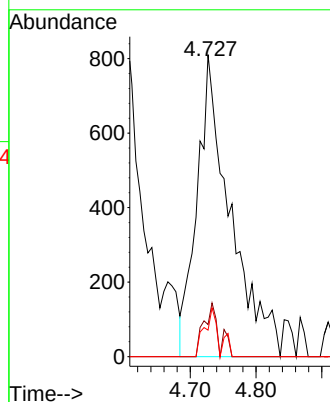
Tgt Ion: 43	Resp: 2849
Ion Ratio	Lower Upper
43	100
61	6.5 10.6 16.0#
70	5.6 8.3 12.5#

Manual Integrations

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#43

Isopropyl Acetate

Concen: 21.447 ug/l

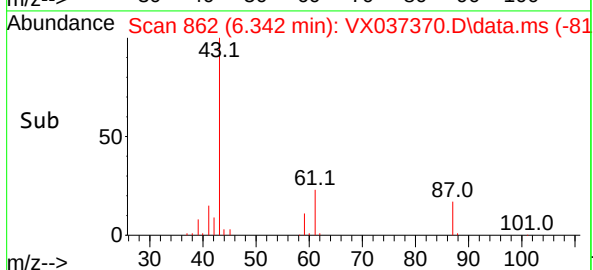
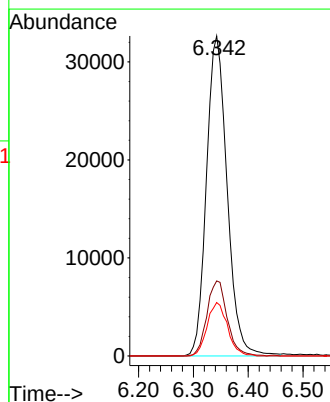
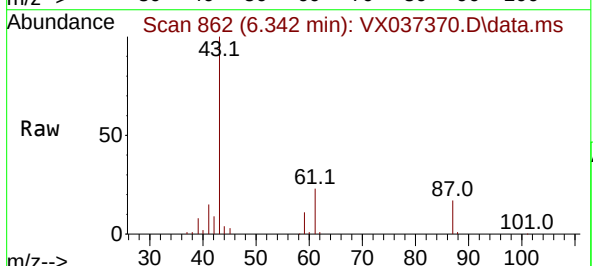
RT: 6.342 min Scan# 862

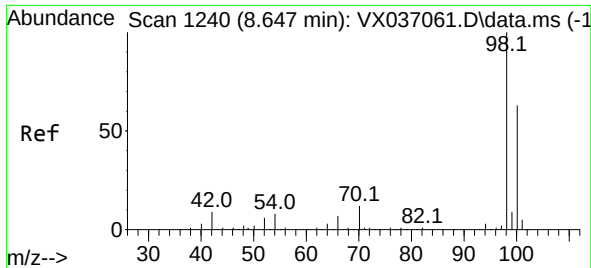
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Lab File: VX037370.D

Acq: 30 Aug 2023 05:10

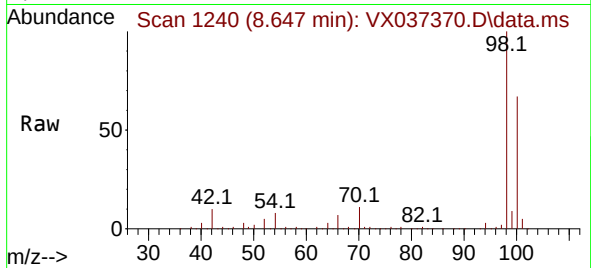
Tgt Ion: 43	Resp: 85276
Ion Ratio	Lower Upper
43	100
61	23.0 15.2 22.8#
87	16.4 9.8 14.6#





#50
Toluene-d8
Concen: 49.698 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

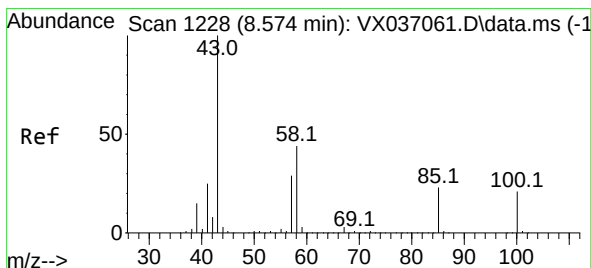
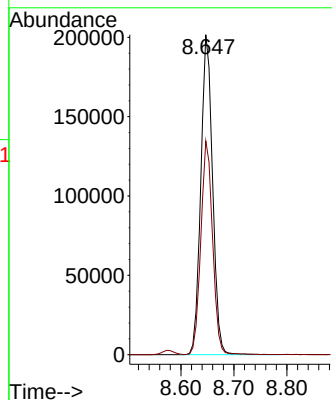
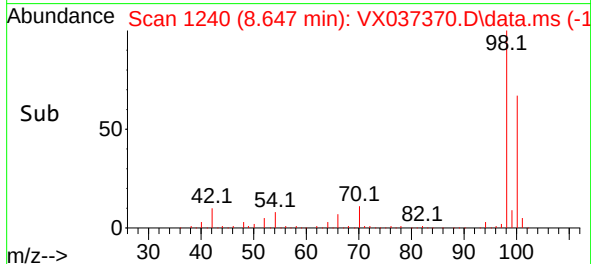
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-24



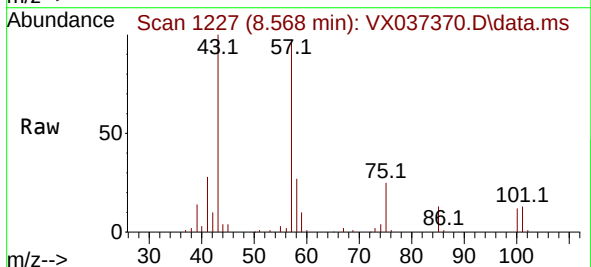
Tgt Ion: 98 Resp: 311090
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

Manual Integrations
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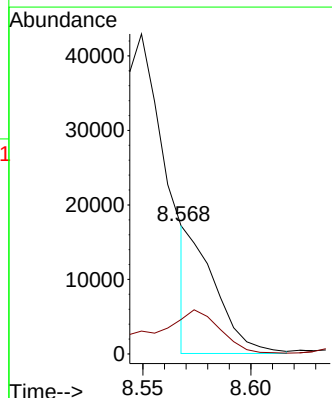
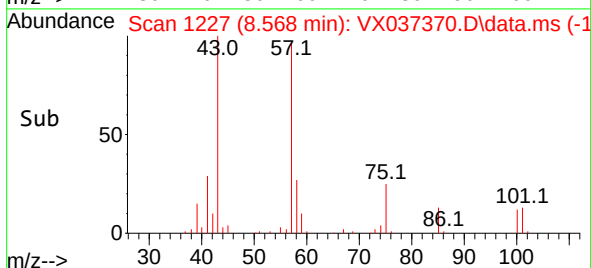
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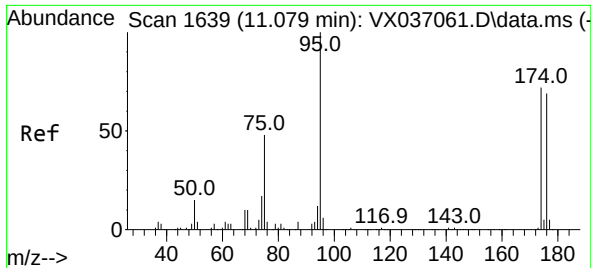


#51
4-Methyl-2-Pentanone
Concen: 6.211 ug/l m
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10



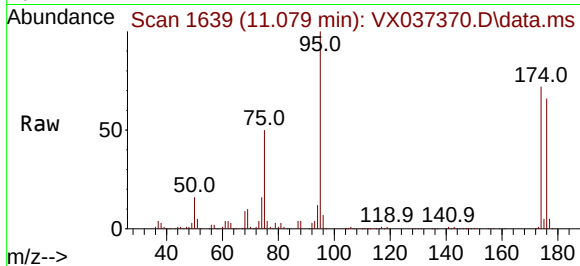
Tgt Ion: 43 Resp: 14995
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#62
4-Bromofluorobenzene
Concen: 46.491 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10

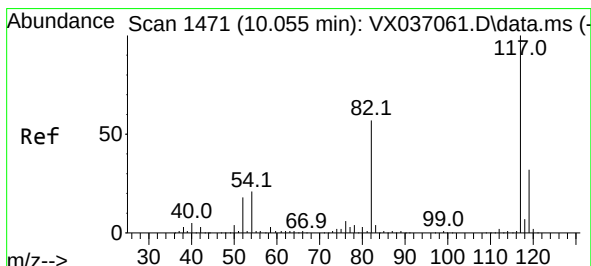
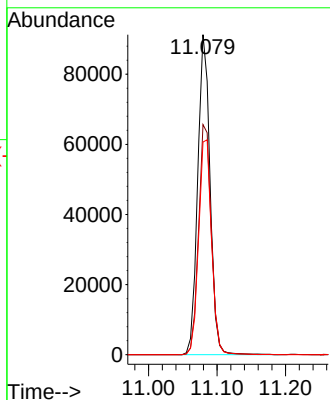
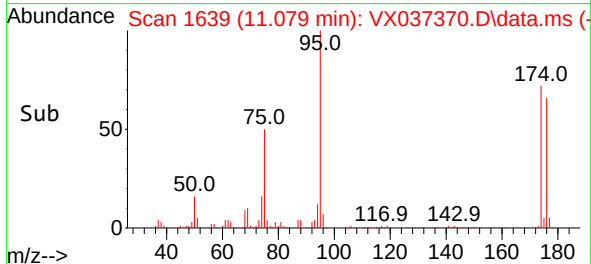
Instrument :
MSVOA_X
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OR-309-OK-370-VOC-24



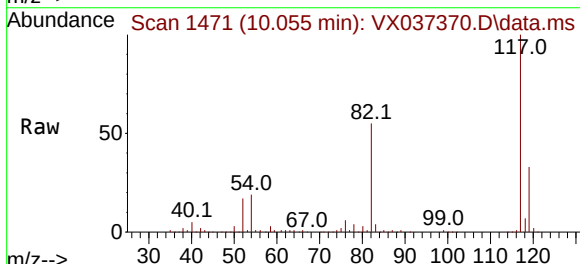
Tgt Ion: 95 Resp: 11436
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 70.5 0.0 131.0

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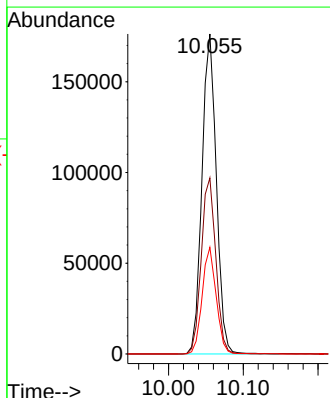
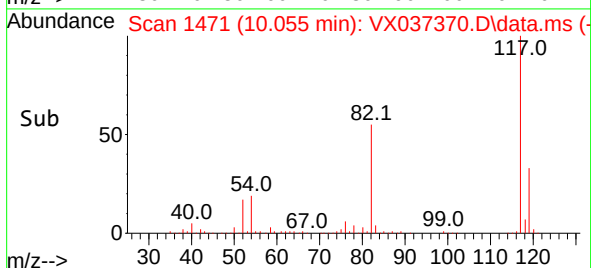
Reviewed By :John Carlone 08/31/2023
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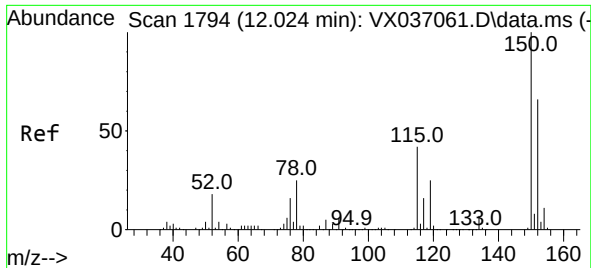


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037370.D
Acq: 30 Aug 2023 05:10



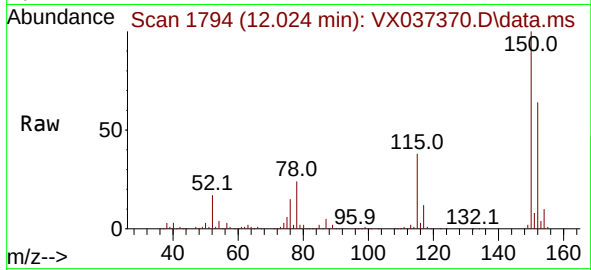
Tgt Ion:117 Resp: 235302
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 33.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037370.D
 Acq: 30 Aug 2023 05:10

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-24



Tgt Ion:152 Resp: 106260
 Ion Ratio Lower Upper
 152 100
 115 61.9 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

