

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037371.D
 Acq On : 30 Aug 2023 05:35
 Operator : JC/MD
 Sample : 04198-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-25

Quant Time: Aug 31 01:26:39 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 08/31/2023
 Supervised By : Mahesh Dadoda 08/31/2023

Supervised By : Mahesh
 Dadoda
 08/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	145256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91287	43.592	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.180%		
35) Dibromofluoromethane	5.385	113	75157	46.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.800%		
50) Toluene-d8	8.647	98	288556	49.113	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.220%		
62) 4-Bromofluorobenzene	11.079	95	105445	45.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.340%		
Target Compounds						
8) Diethyl Ether	2.136	74	1085	1.065	ug/l	79
16) Acetone	2.380	43	21408	26.131	ug/l #	84
20) Methylene Chloride	2.788	84	15571	8.499	ug/l #	84
25) 2-Butanone	4.568	43	7619	6.177	ug/l #	82
37) Ethyl Acetate	4.733	43	2717	1.156	ug/l #	91
43) Isopropyl Acetate	6.342	43	84081	22.530	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	15405m	6.798	ug/l	

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

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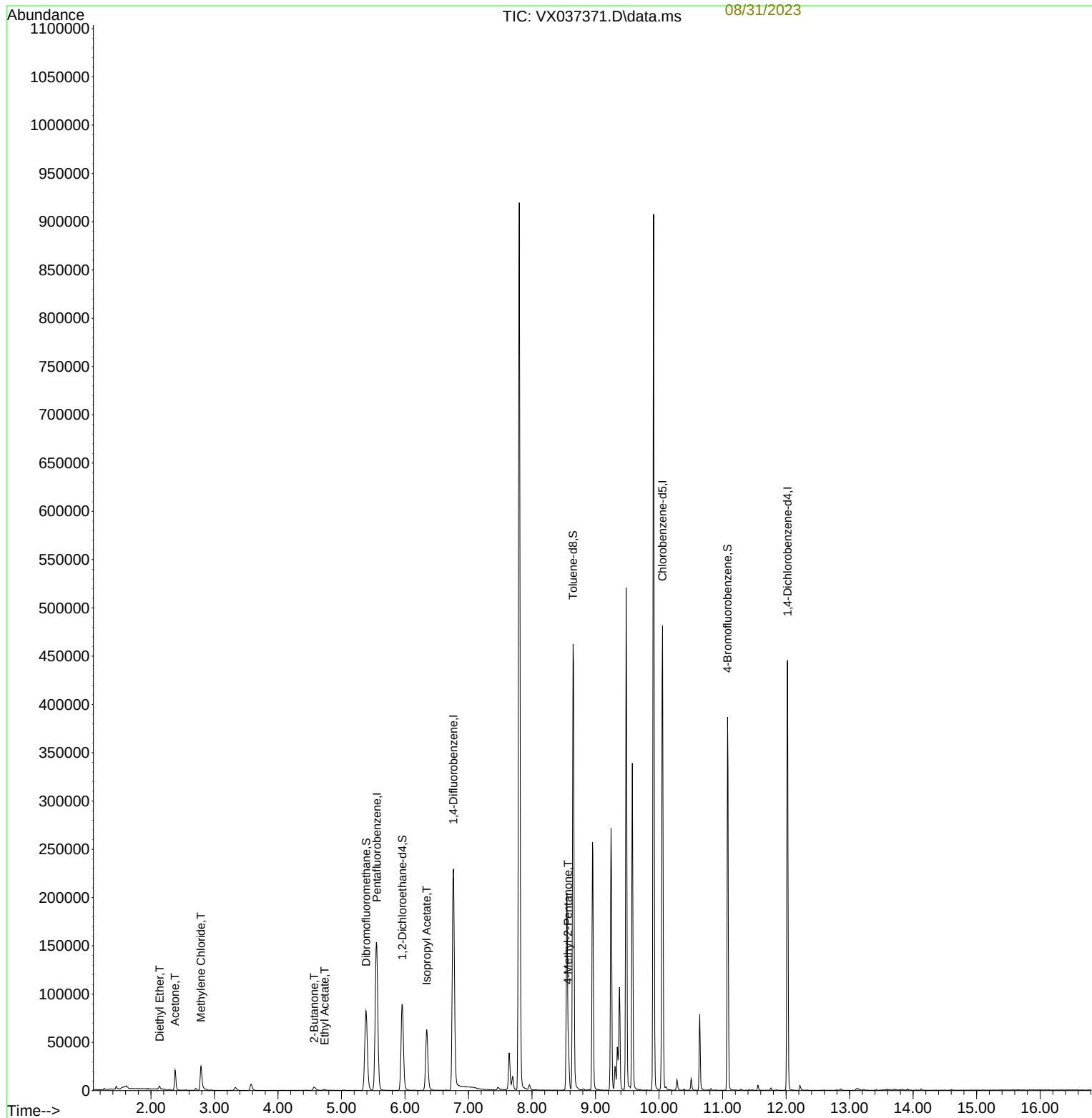
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-25

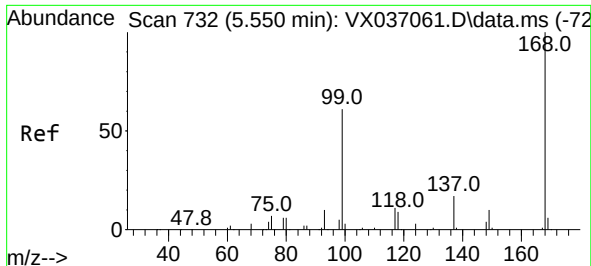
Quant Time: Aug 31 01:26:39 2023
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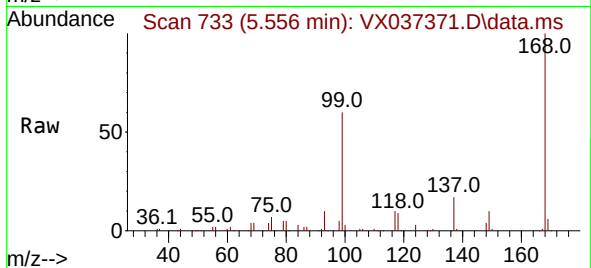
Supervised By :Mahesh
Dadoda
08/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-25

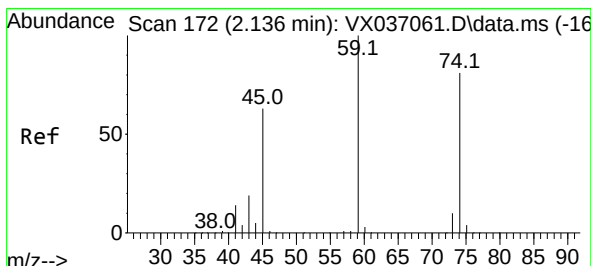
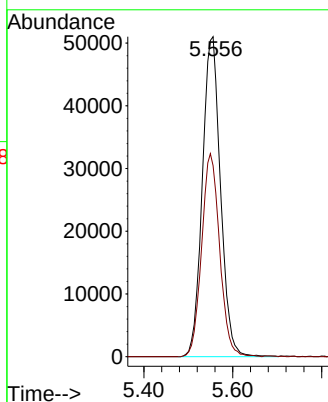
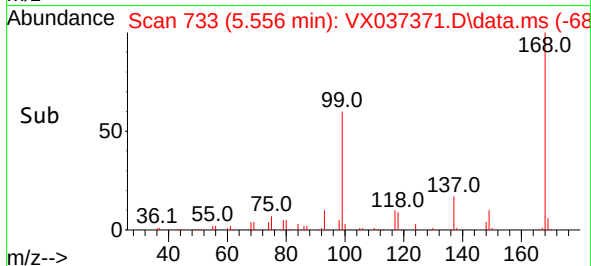


Tgt Ion:168 Resp: 145250
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0

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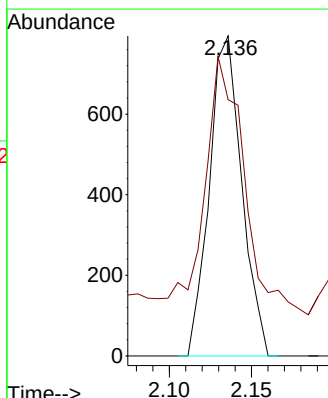
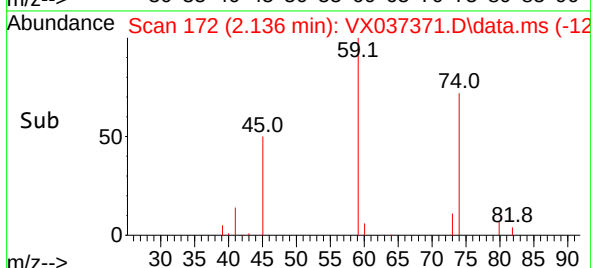
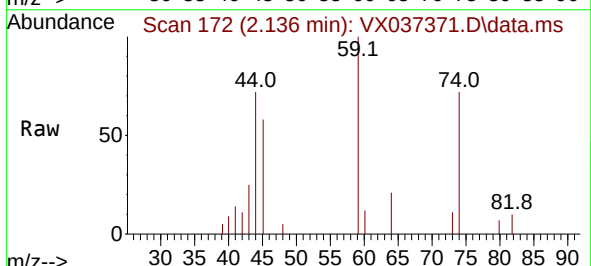
Reviewed By :John Carlone 08/31/2023
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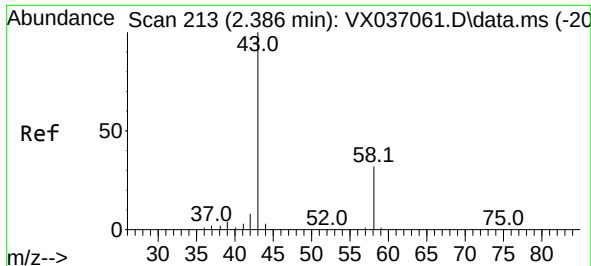
Supervised By :Mahesh
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#8
Diethyl Ether
Concen: 1.065 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

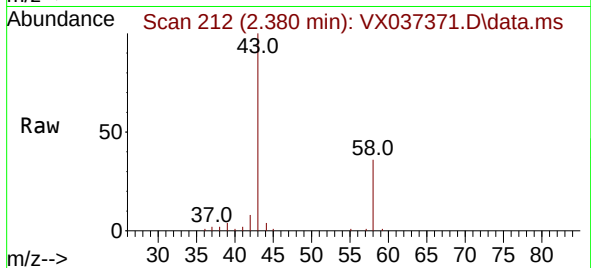
Tgt Ion: 74 Resp: 1085
Ion Ratio Lower Upper
74 100
45 128.3 53.3 159.8





#16
Acetone
Concen: 26.131 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

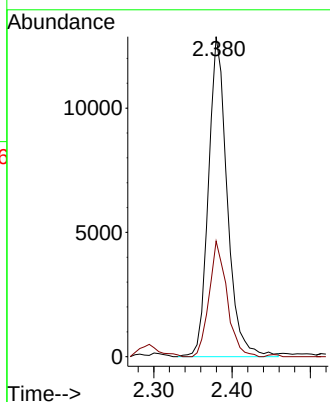
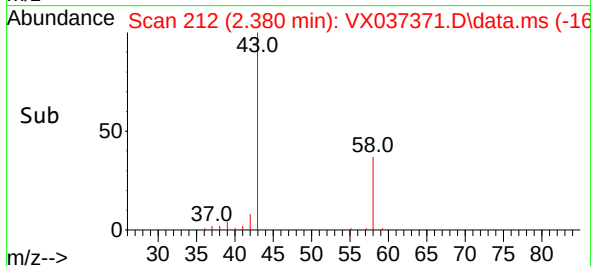
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-25



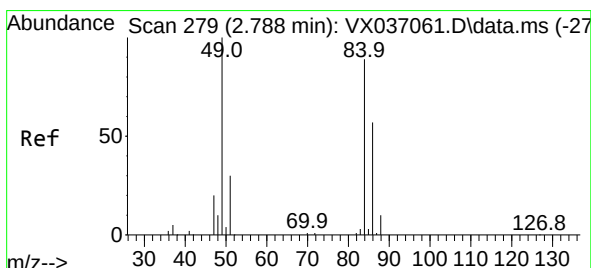
Tgt Ion: 43 Resp: 21408
Ion Ratio Lower Upper
43 100
58 35.5 21.9 32.9

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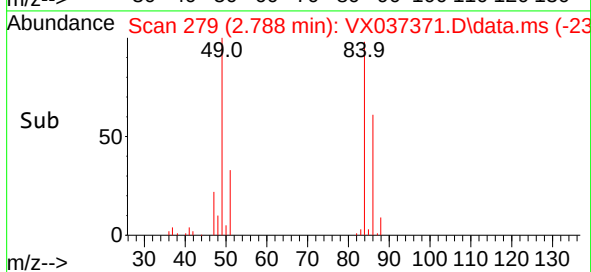
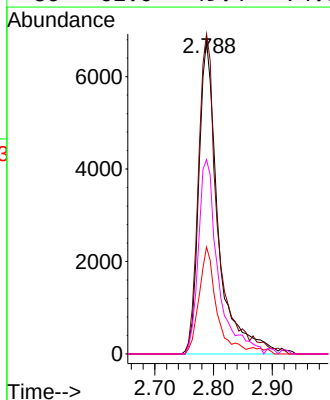
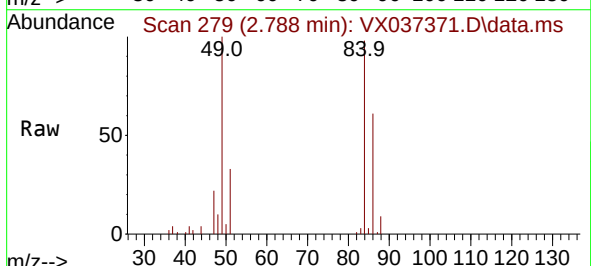


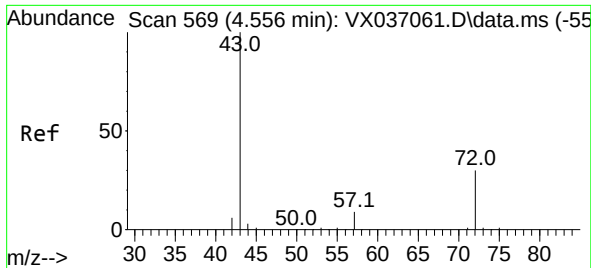
Supervised By :Mahesh
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08/31/2023



#20
Methylene Chloride
Concen: 8.499 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

Tgt Ion: 84 Resp: 15571
Ion Ratio Lower Upper
84 100
49 102.1 103.6 155.4#
51 34.1 33.8 50.6
86 62.0 49.4 74.0





#25
2-Butanone
Concen: 6.177 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

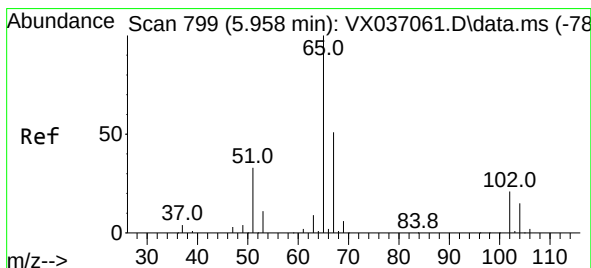
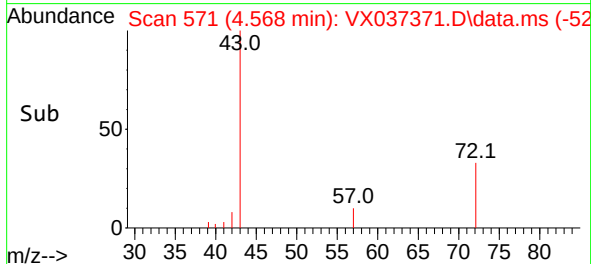
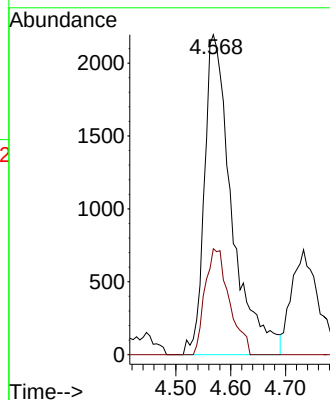
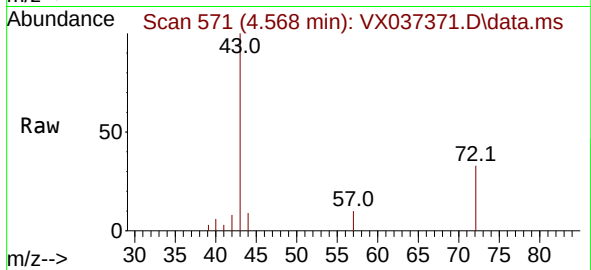
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-25

Tgt Ion: 43 Resp: 7619
Ion Ratio Lower Upper
43 100
72 33.1 19.4 29.2

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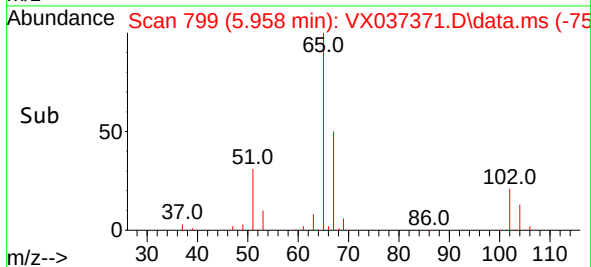
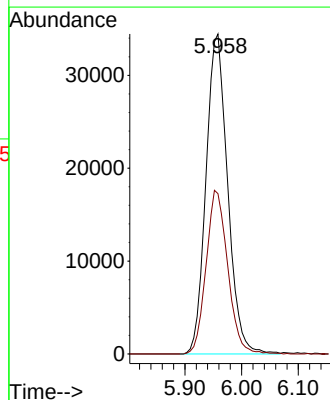
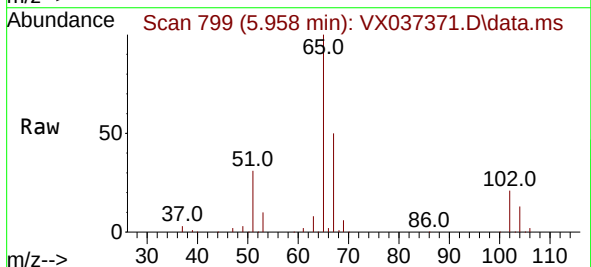
Reviewed By :John Carlone 08/31/2023
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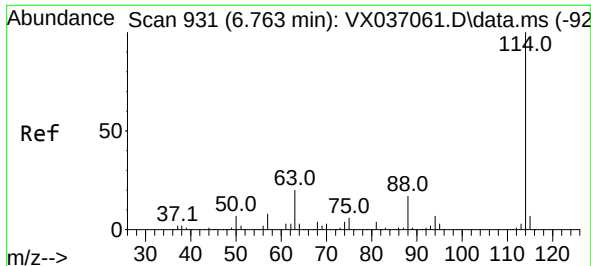
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Dadoda
08/31/2023



#33
1,2-Dichloroethane-d4
Concen: 43.592 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

Tgt Ion: 65 Resp: 91287
Ion Ratio Lower Upper
65 100
67 51.1 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: VX037371.D
Acq: 30 Aug 2023 05:35

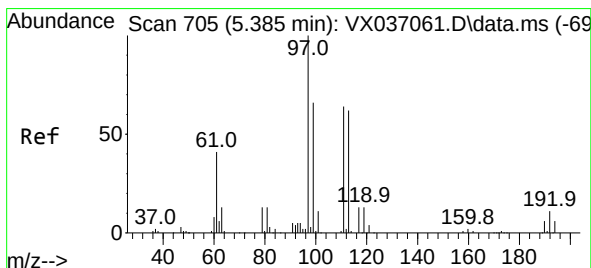
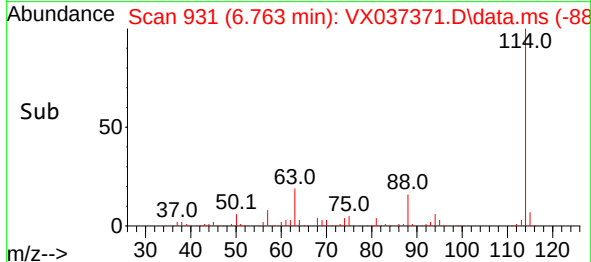
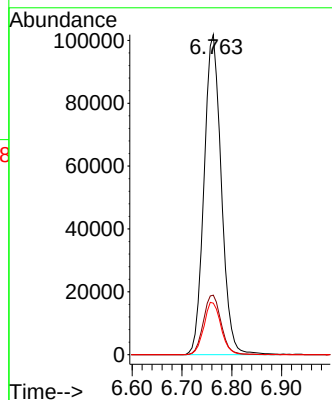
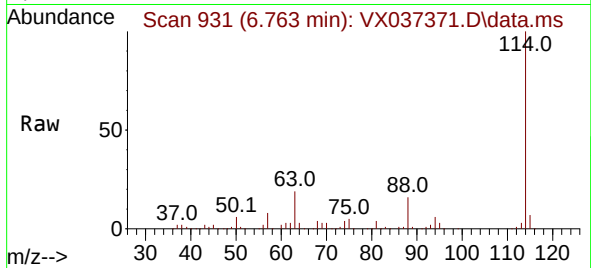
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-25

Tgt Ion:114 Resp: 24456
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.1 0.0 36.6

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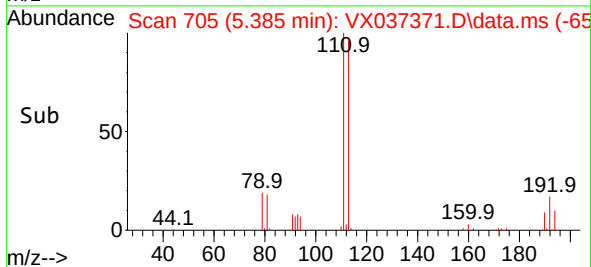
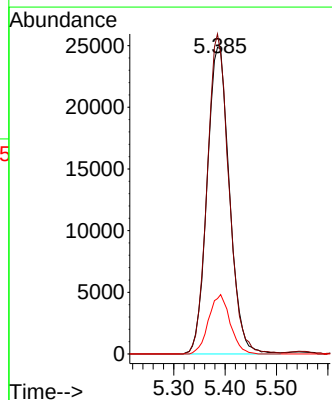
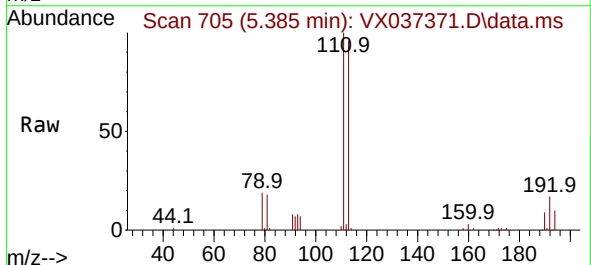
Reviewed By :John Carlone 08/31/2023
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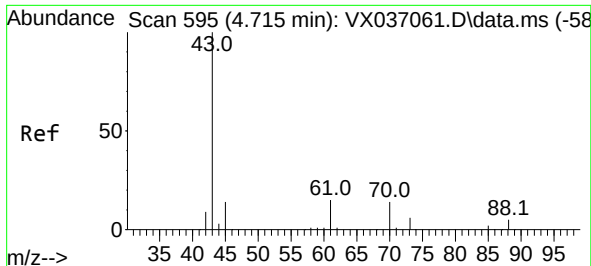
Supervised By :Mahesh
Dadoda
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#35
Dibromofluoromethane
Concen: 46.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

Tgt Ion:113 Resp: 75157
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 18.6 13.3 19.9





#37

Ethyl Acetate

Concen: 1.156 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

Lab File: VX037371.D

Acq: 30 Aug 2023 05:35

Instrument :

MSVOA_X

ClientSampleId :

OR-309-OK-370-VOC-25

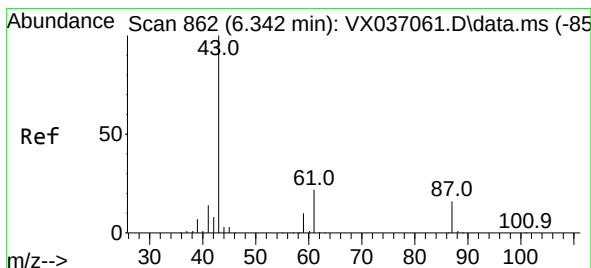
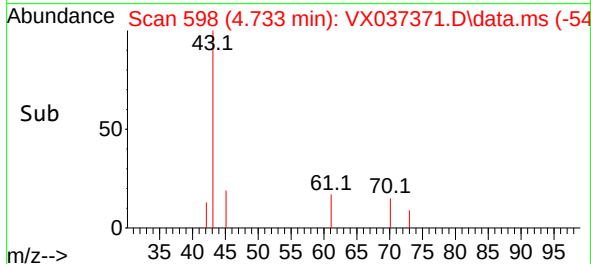
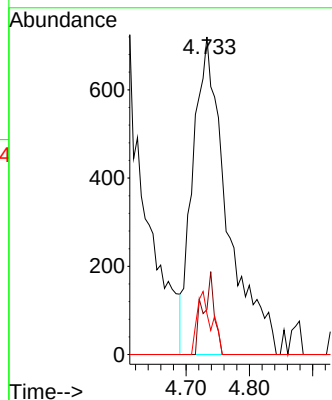
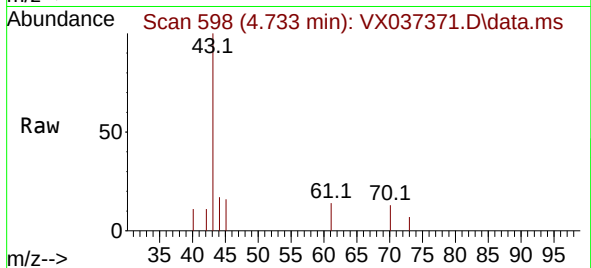
Tgt Ion: 43	Resp: 271
Ion Ratio	Lower Upper
43	100
61	8.6 10.6 16.0
70	8.4 8.3 12.5

Manual Integrations
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Supervised By :Mahesh
Dadoda
08/31/2023



#43

Isopropyl Acetate

Concen: 22.530 ug/l

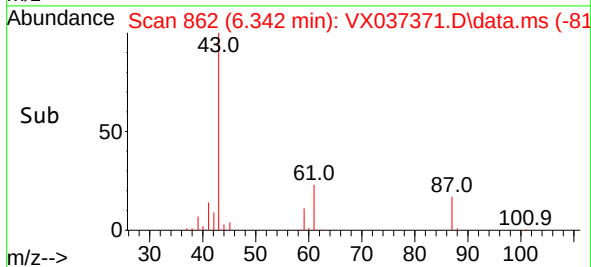
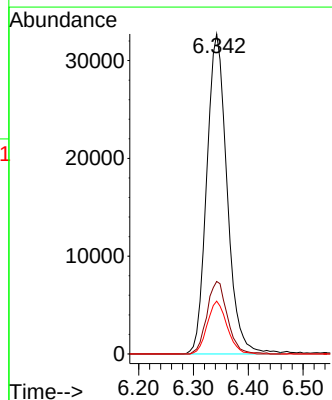
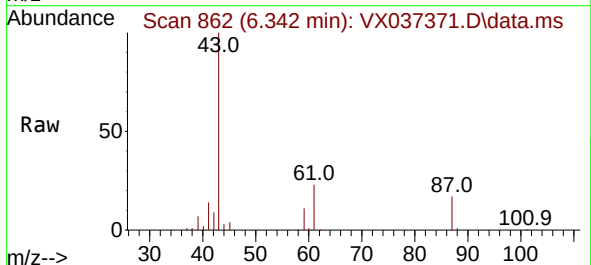
RT: 6.342 min Scan# 862

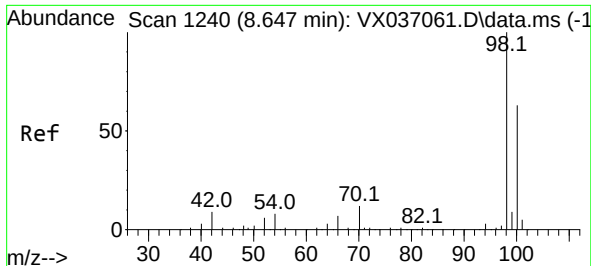
Delta R.T. 0.000 min

Lab File: VX037371.D

Acq: 30 Aug 2023 05:35

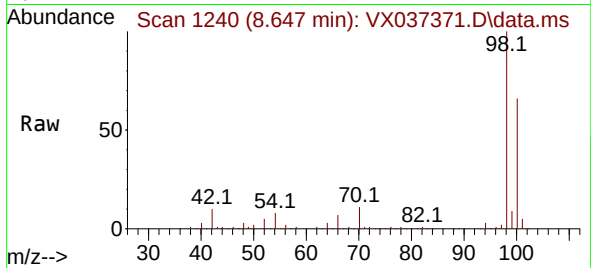
Tgt Ion: 43	Resp: 84081
Ion Ratio	Lower Upper
43	100
61	22.8 15.2 22.8
87	16.0 9.8 14.6





#50
Toluene-d8
Concen: 49.113 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

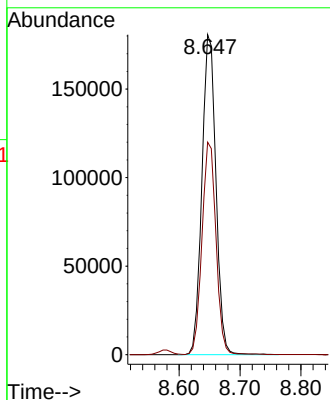
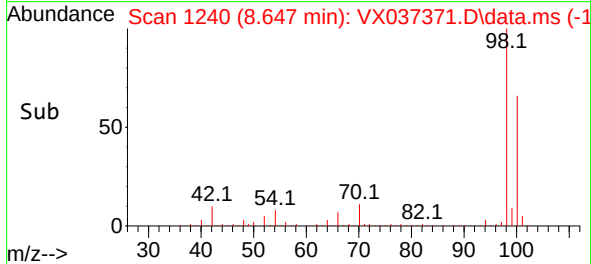
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-25



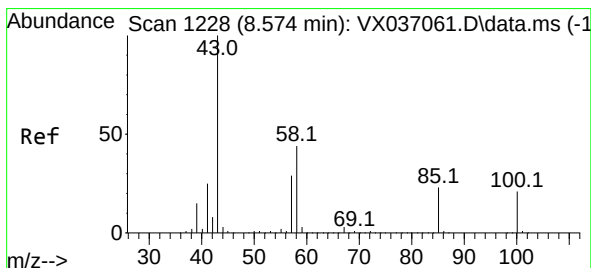
Tgt Ion: 98 Resp: 288556
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

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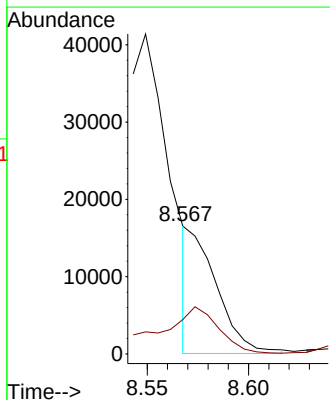
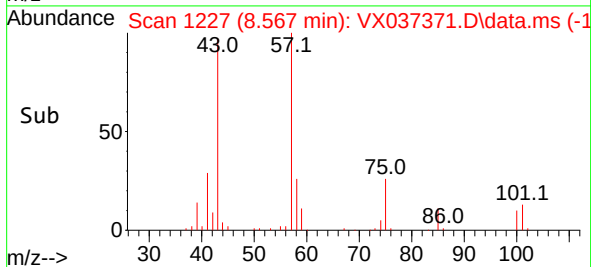
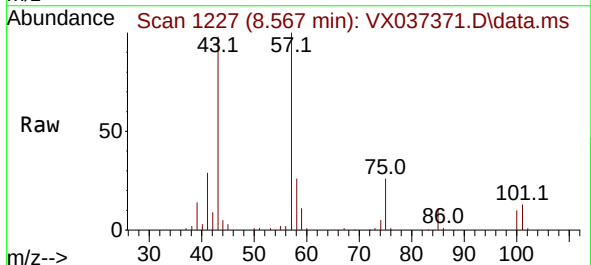


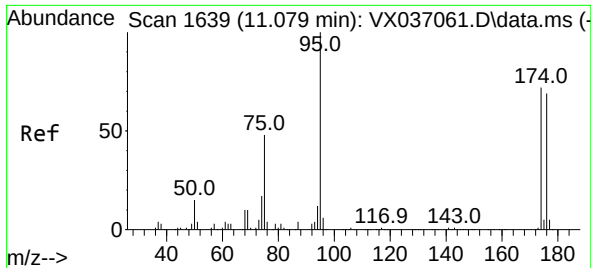
Supervised By :Mahesh
Dadoda
08/31/2023



#51
4-Methyl-2-Pentanone
Concen: 6.798 ug/l m
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

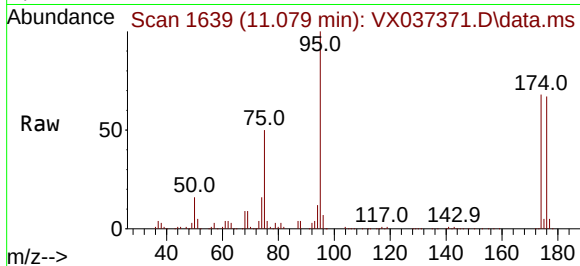
Tgt Ion: 43 Resp: 15405
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#62
4-Bromofluorobenzene
Concen: 45.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-25

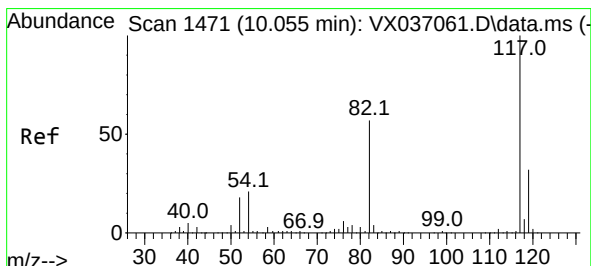
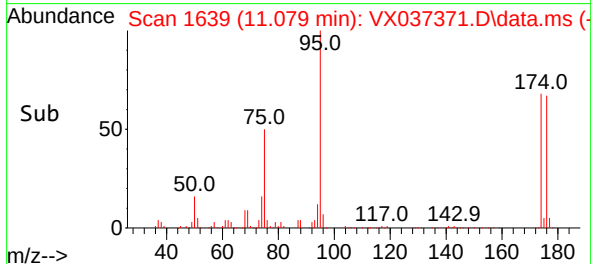
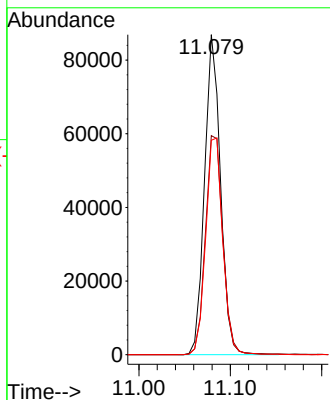


Tgt Ion: 95 Resp: 105449
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.6 0.0 131.0

Manual Integrations
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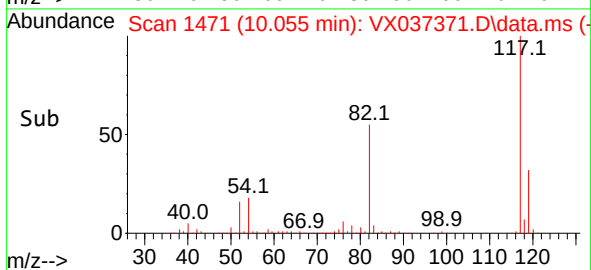
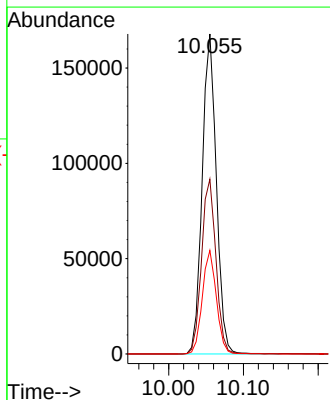
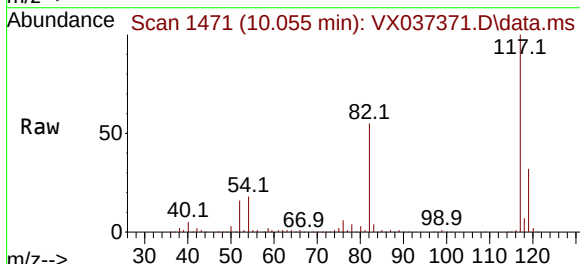
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Supervised By :Mahesh Dadoda 08/31/2023

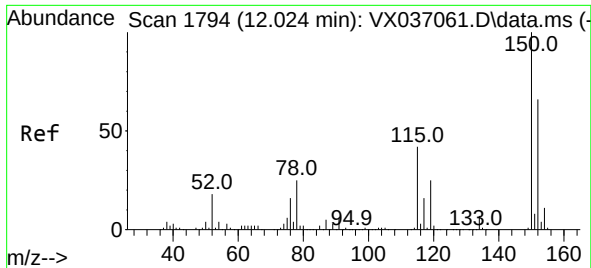
Supervised By :Mahesh
Dadoda
08/31/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037371.D
Acq: 30 Aug 2023 05:35

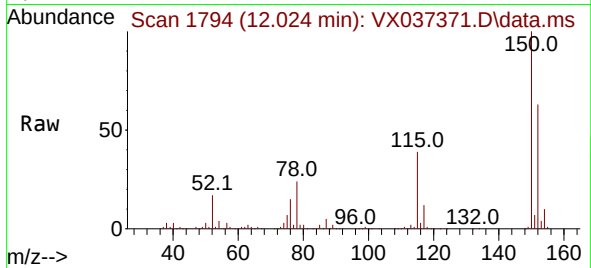
Tgt Ion:117 Resp: 220673
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037371.D
 Acq: 30 Aug 2023 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-25



Tgt Ion:152 Resp: 9885
 Ion Ratio Lower Upper
 152 100
 115 62.0 43.3 129.9
 150 157.0 0.0 345.0

Manual Integrations
 APPROVED

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

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 Dadoda
 08/31/2023

