

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037366.D
 Acq On : 30 Aug 2023 03:33
 Operator : JC/MD
 Sample : 04197-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-20

Quant Time: Aug 30 04:53:26 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	144669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91090	43.674	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.340%		
35) Dibromofluoromethane	5.385	113	73766	46.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	8.647	98	285462	49.693	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.380%		
62) 4-Bromofluorobenzene	11.079	95	108618	48.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.220%		
Target Compounds						Qvalue
8) Diethyl Ether	2.130	74	1232	1.215	ug/l	76
16) Acetone	2.380	43	22841	27.994	ug/l	95
20) Methylene Chloride	2.788	84	17859	9.788	ug/l #	81
25) 2-Butanone	4.574	43	7565	6.158	ug/l #	88
37) Ethyl Acetate	4.733	43	2872m	1.250	ug/l	
43) Isopropyl Acetate	6.342	43	81022	22.205	ug/l #	91
51) 4-Methyl-2-Pentanone	8.568	43	15432m	6.965	ug/l	

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

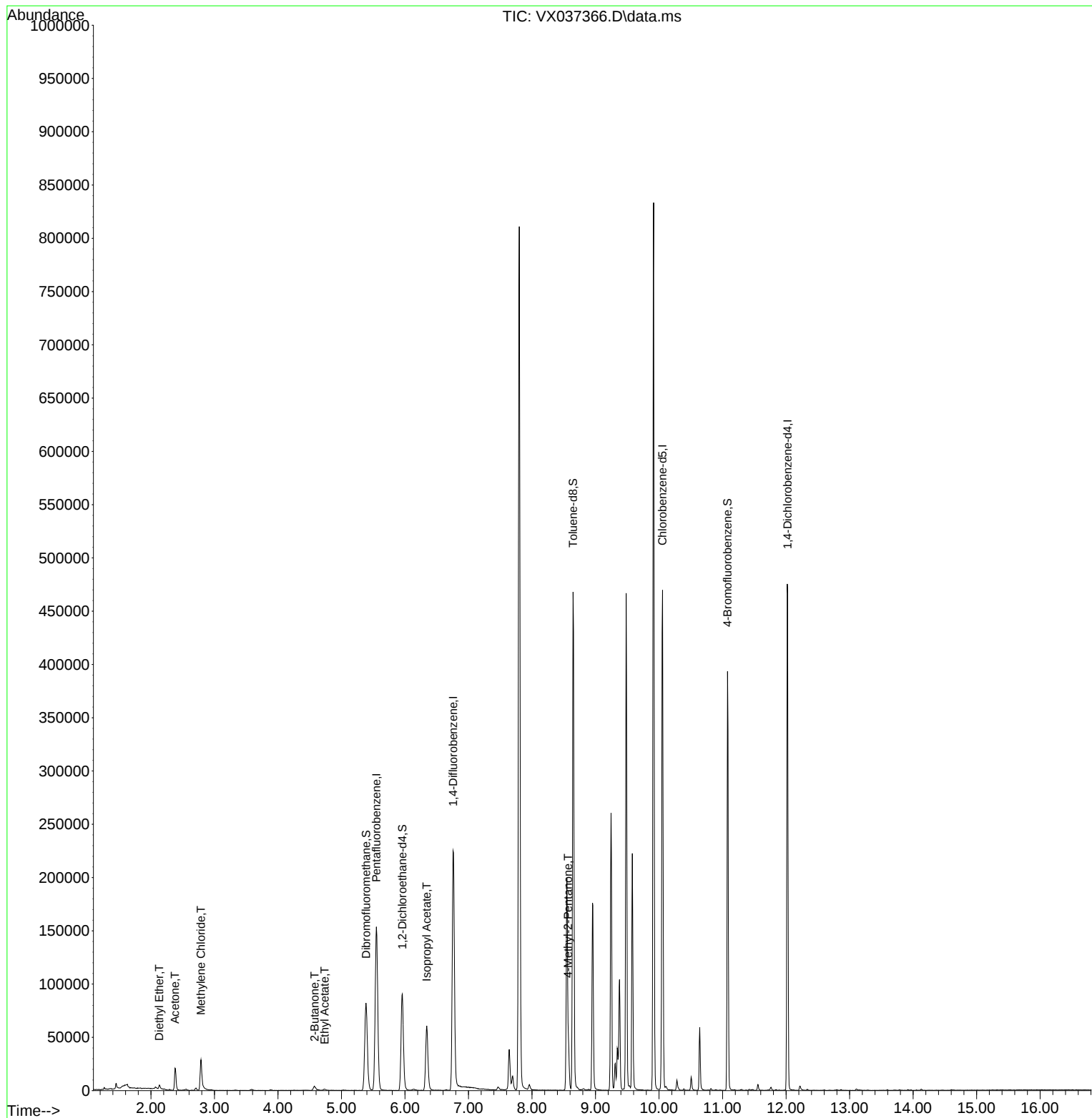
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037366.D
Acq On : 30 Aug 2023 03:33
Operator : JC/MD
Sample : 04197-04
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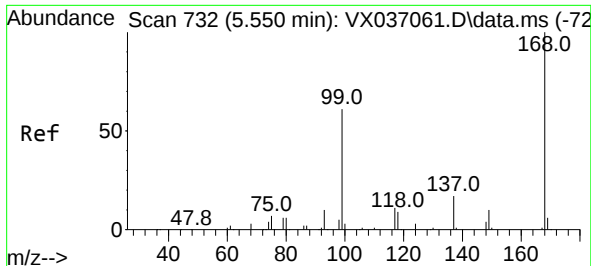
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-20

Quant Time: Aug 30 04:53:26 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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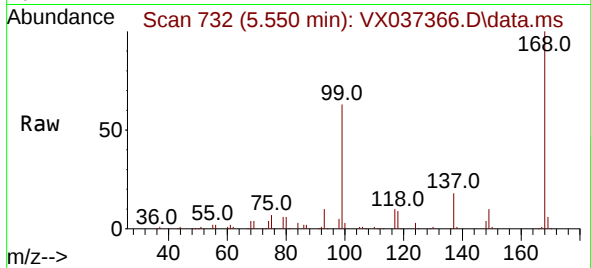
Reviewed By : John Carlone 08/30/2023
Supervised By : Mahesh Dadoda 08/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33

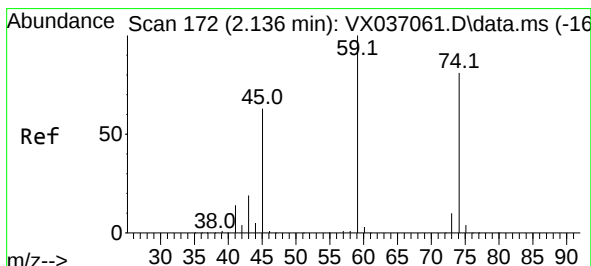
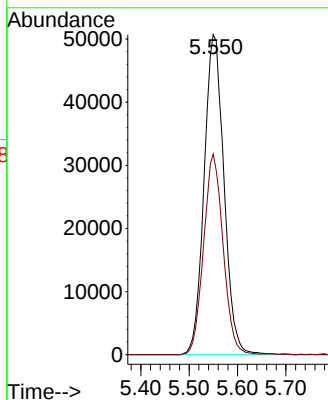
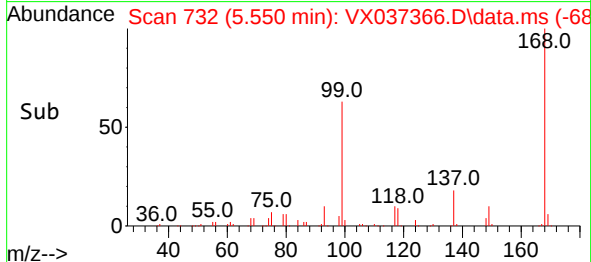
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-20



Tgt Ion:168 Resp: 144669
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0

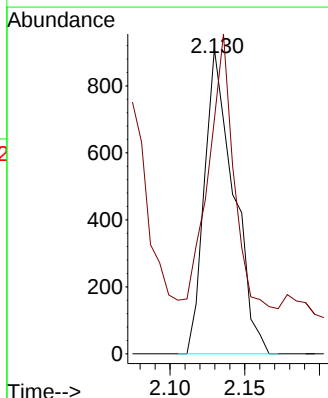
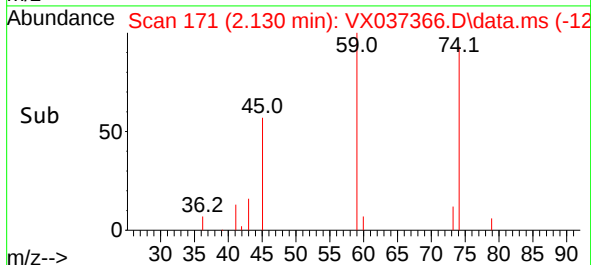
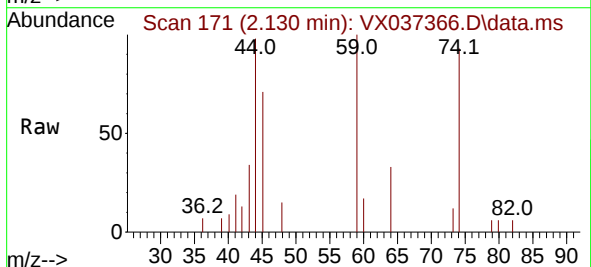
Manual Integrations
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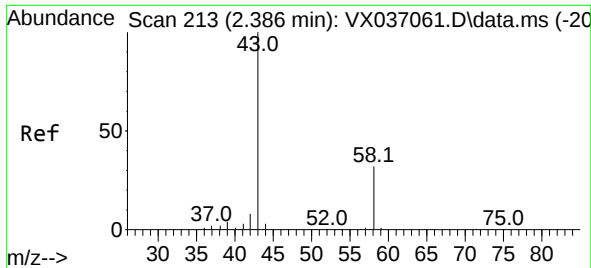
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#8
Diethyl Ether
Concen: 1.215 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33

Tgt Ion: 74 Resp: 1232
Ion Ratio Lower Upper
74 100
45 81.7 53.3 159.8





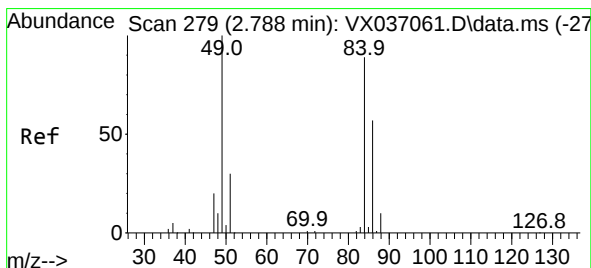
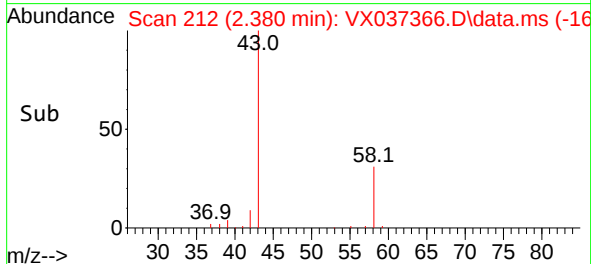
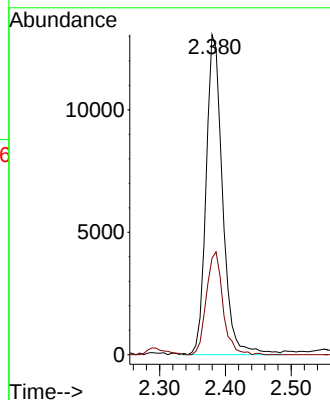
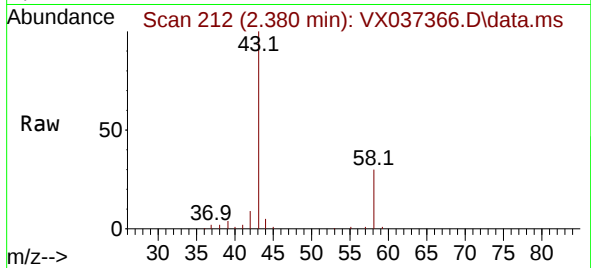
#16
Acetone
Concen: 27.994 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33

Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-20

Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9

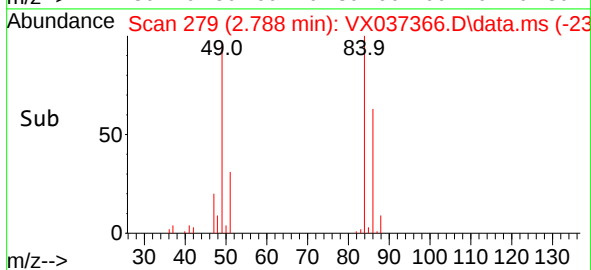
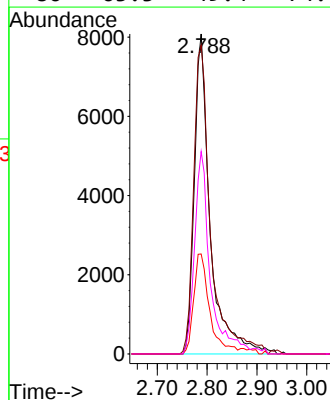
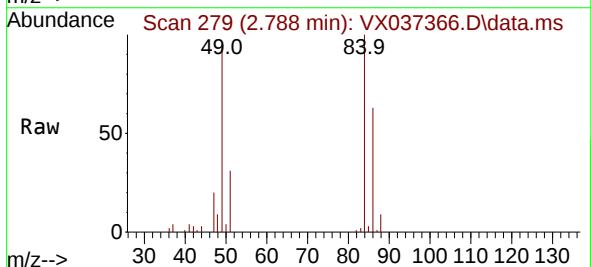
Manual Integrations
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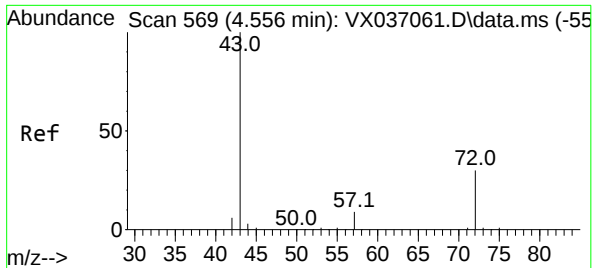
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#20
Methylene Chloride
Concen: 9.788 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33

Tgt Ion: 84 Resp: 17859
Ion Ratio Lower Upper
84 100
49 96.5 103.6 155.4#
51 31.3 33.8 50.6#
86 63.3 49.4 74.0





#25

2-Butanone

Concen: 6.158 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX037366.D

Acq: 30 Aug 2023 03:33

Instrument :

MSVOA_X

ClientSampleId :

OR-309-OK-370-VOC-20

Tgt Ion: 43 Resp: 756

Ion Ratio Lower Upper

43 100

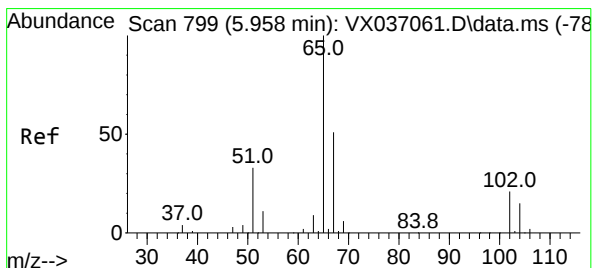
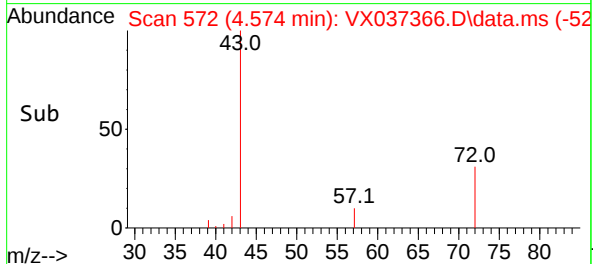
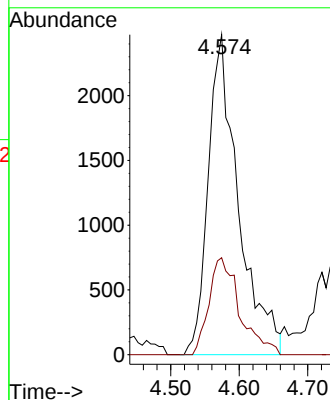
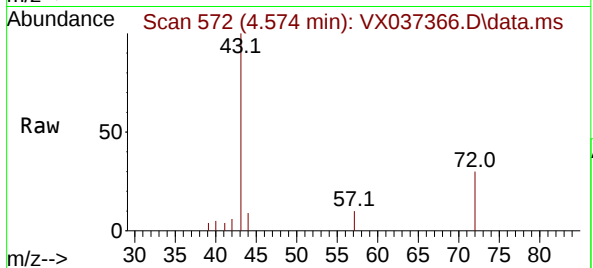
72 30.3 19.4 29.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/31/2023



#33

1,2-Dichloroethane-d4

Concen: 43.674 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037366.D

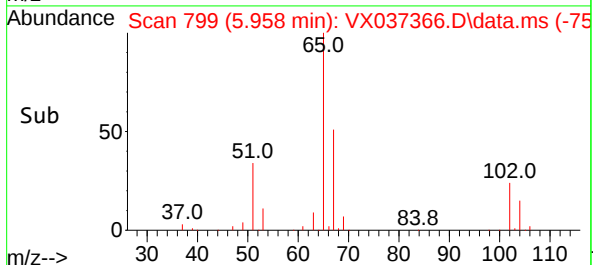
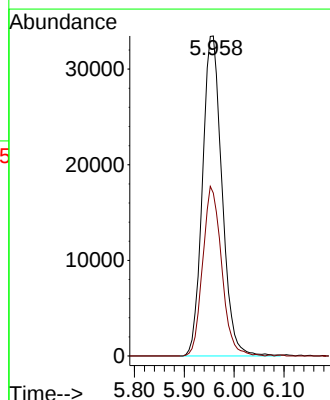
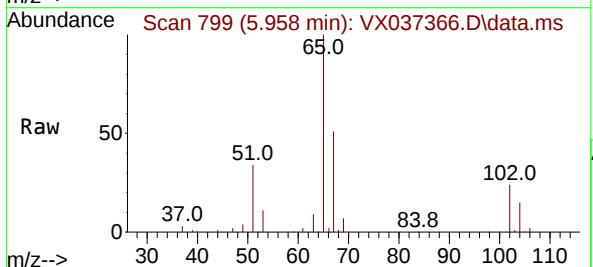
Acq: 30 Aug 2023 03:33

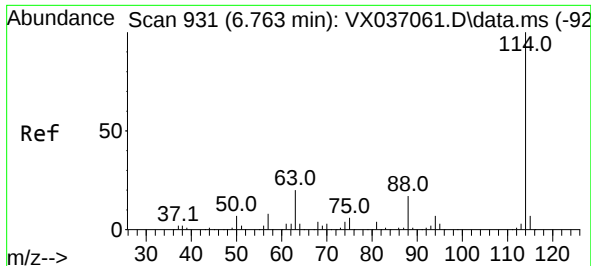
Tgt Ion: 65 Resp: 91090

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2





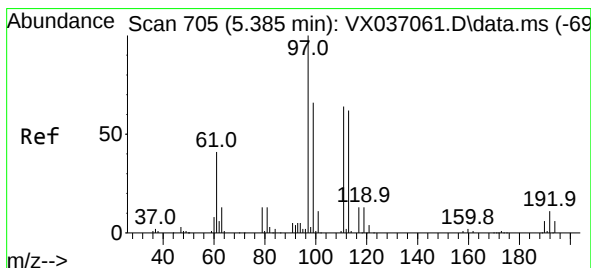
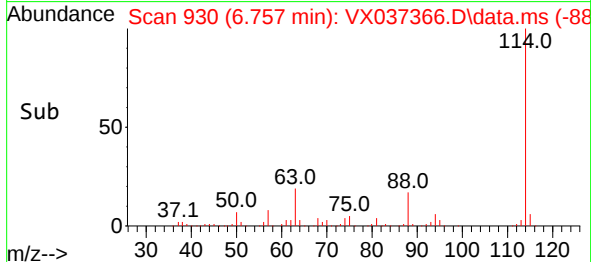
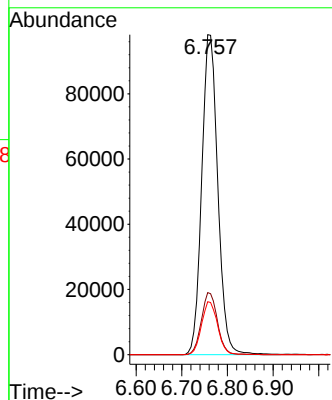
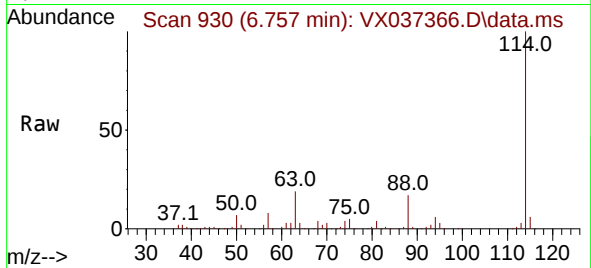
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33

Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-20

Tgt Ion:114 Resp: 23912
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.6 0.0 36.6

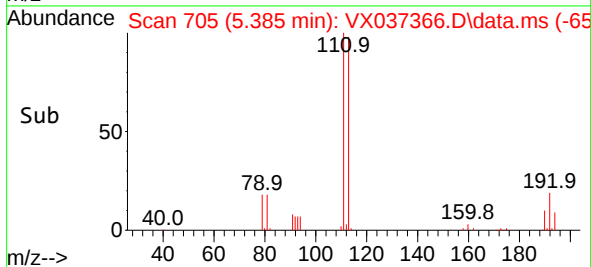
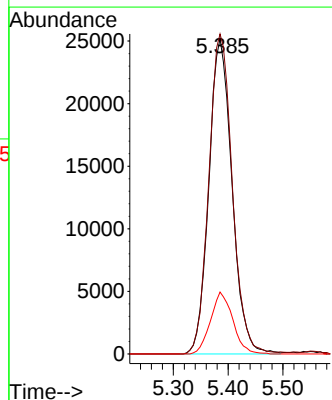
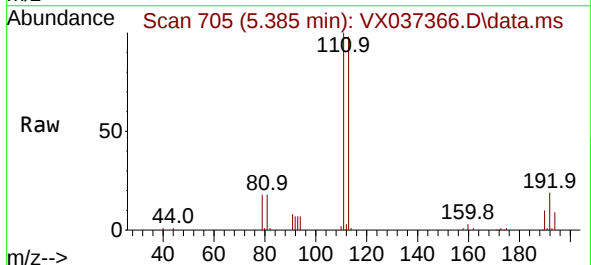
Manual Integrations
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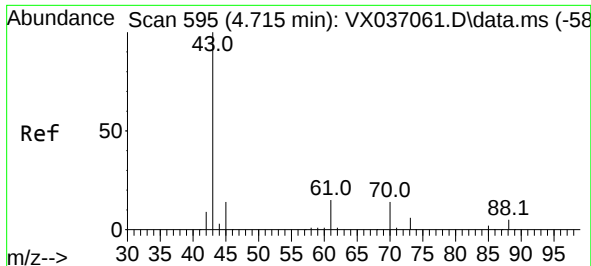
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#35
Dibromofluoromethane
Concen: 46.580 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33

Tgt Ion:113 Resp: 73766
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.9 13.3 19.9





#37

Ethyl Acetate

Concen: 1.250 ug/l m

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

Lab File: VX037366.D

Acq: 30 Aug 2023 03:33

Instrument :

MSVOA_X

ClientSampleId :

OR-309-OK-370-VOC-20

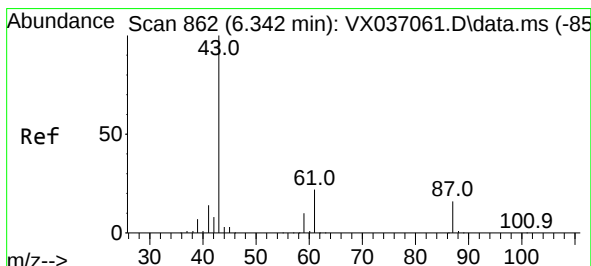
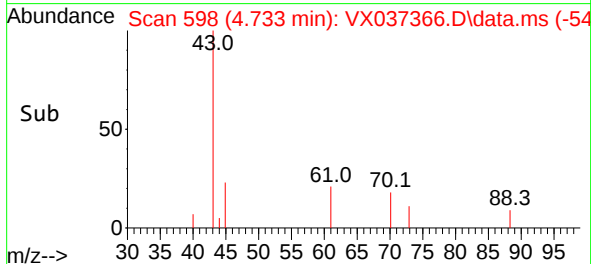
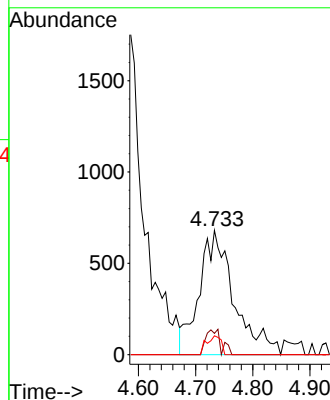
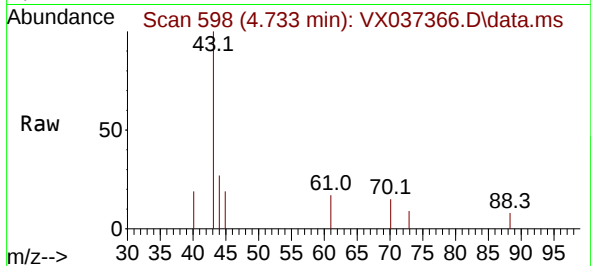
Tgt Ion: 43	Resp: 287
Ion Ratio	Lower Upper
43	100
61	8.8 10.6 16.0
70	6.3 8.3 12.5

Manual Integrations

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Supervised By :Mahesh Dadoda 08/31/2023



#43

Isopropyl Acetate

Concen: 22.205 ug/l

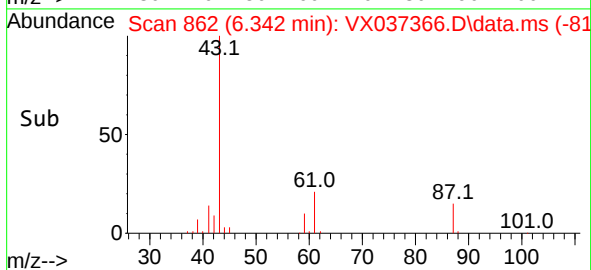
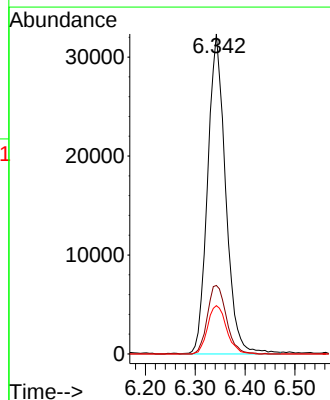
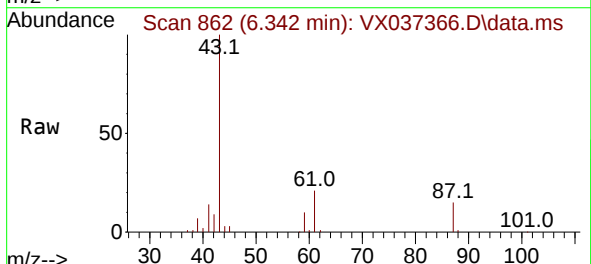
RT: 6.342 min Scan# 862

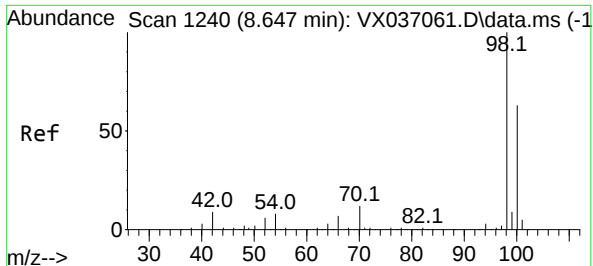
Delta R.T. 0.000 min

Lab File: VX037366.D

Acq: 30 Aug 2023 03:33

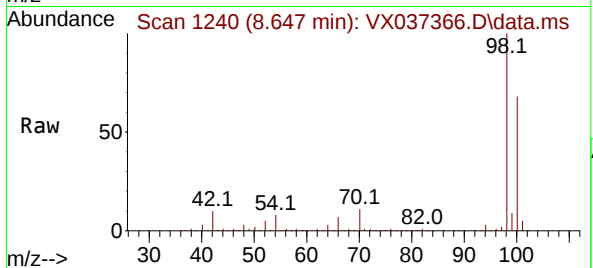
Tgt Ion: 43	Resp: 81022
Ion Ratio	Lower Upper
43	100
61	22.6 15.2 22.8
87	15.9 9.8 14.6





#50
Toluene-d8
Concen: 49.693 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33

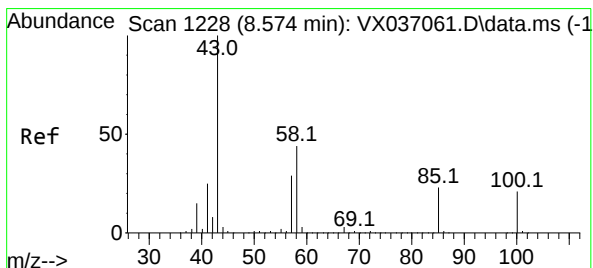
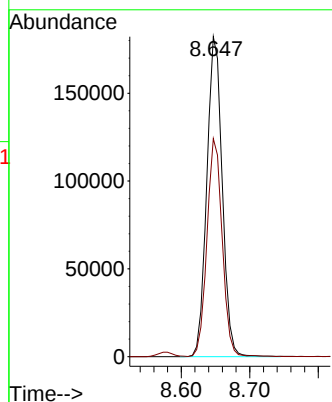
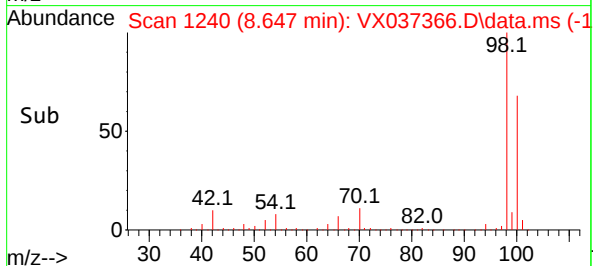
Instrument :
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OR-309-OK-370-VOC-20



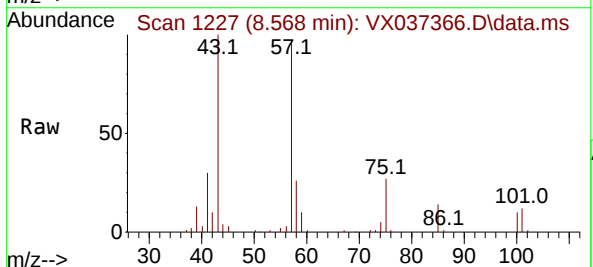
Tgt Ion: 98 Resp: 285462
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7

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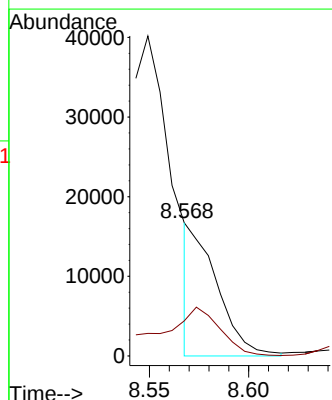
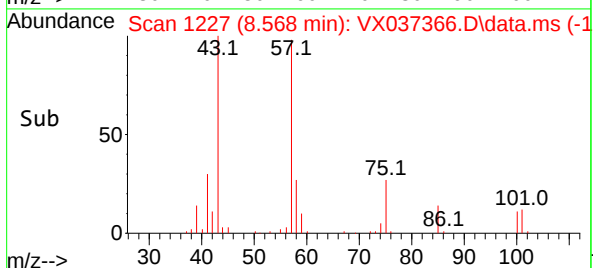
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

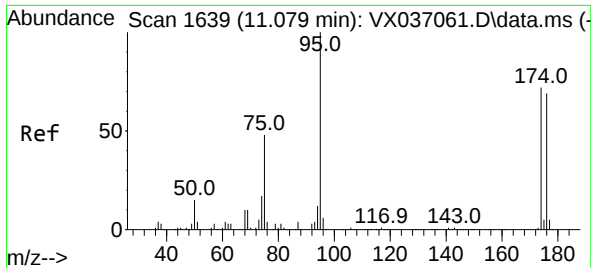


#51
4-Methyl-2-Pentanone
Concen: 6.965 ug/l m
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33



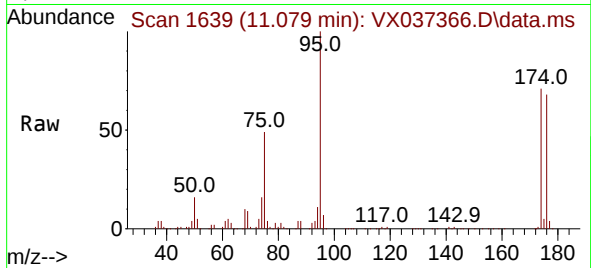
Tgt Ion: 43 Resp: 15432
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#62
4-Bromofluorobenzene
Concen: 48.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33

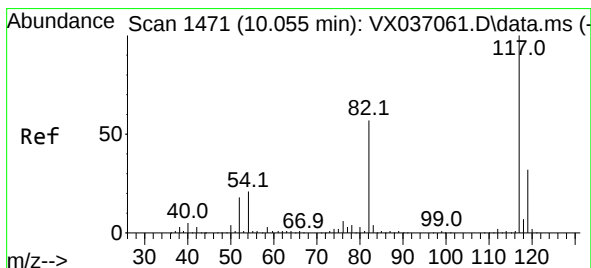
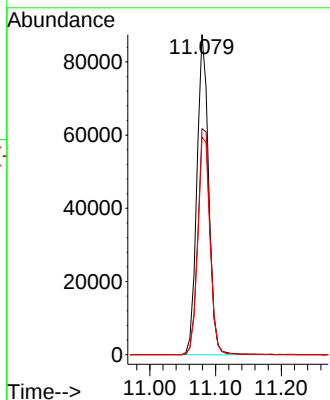
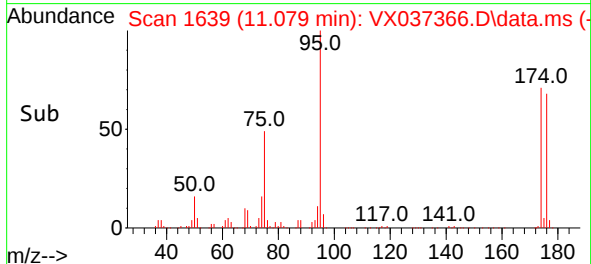
Instrument :
MSVOA_X
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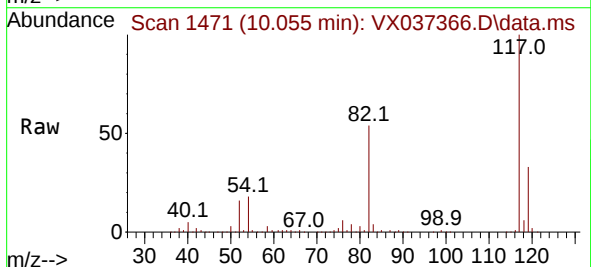
Tgt Ion: 95 Resp: 108618
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 70.6 0.0 131.0

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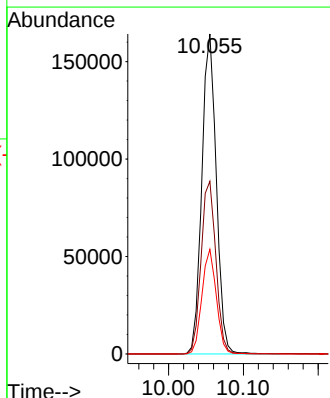
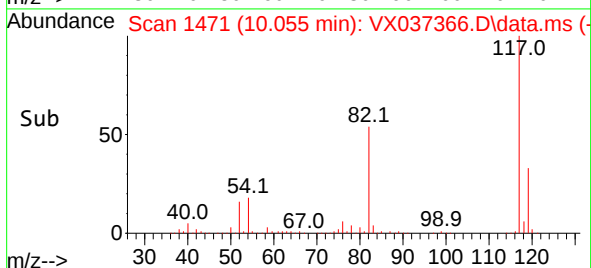
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

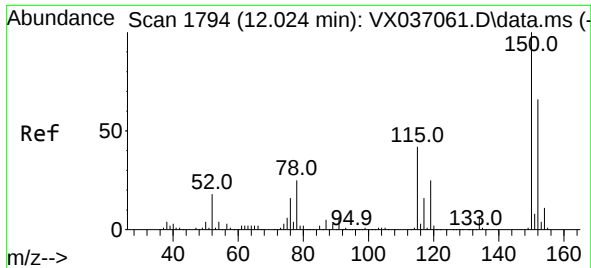


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037366.D
Acq: 30 Aug 2023 03:33



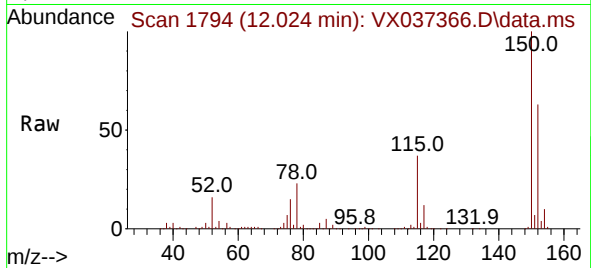
Tgt Ion:117 Resp: 220525
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 32.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037366.D
 Acq: 30 Aug 2023 03:33

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-20



Tgt Ion:152 Resp: 102530
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.3 129.9
 150 158.8 0.0 345.0

Manual Integrations
 APPROVED

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

