

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037368.D
 Acq On : 30 Aug 2023 04:22
 Operator : JC/MD
 Sample : 04197-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-309-OK-370-VOC-22

Quant Time: Aug 30 04:53:52 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	5.556	168	147135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90973	42.887	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.780%		
35) Dibromofluoromethane	5.385	113	74484	46.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.580%		
50) Toluene-d8	8.647	98	289482	49.599	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.200%		
62) 4-Bromofluorobenzene	11.079	95	102353	44.624	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.240%		
Target Compounds						
8) Diethyl Ether	2.136	74	1131	1.096	ug/l	93
16) Acetone	2.380	43	22084	26.612	ug/l #	89
20) Methylene Chloride	2.788	84	15740	8.482	ug/l #	84
25) 2-Butanone	4.574	43	7595	6.078	ug/l	95
43) Isopropyl Acetate	6.342	43	81274	21.923	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	14629m	6.498	ug/l	

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

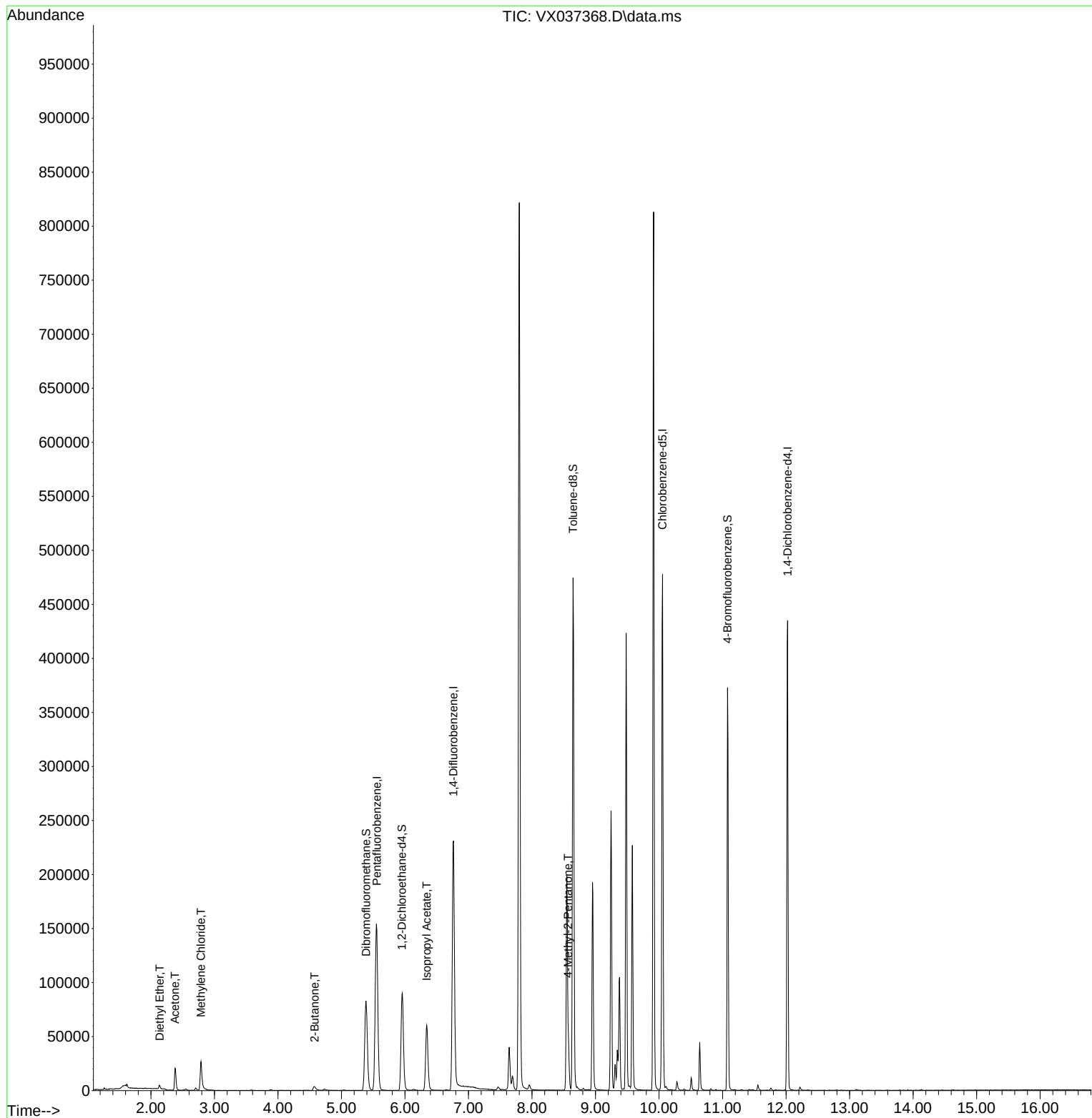
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
Data File : VX037368.D
Acq On : 30 Aug 2023 04:22
Operator : JC/MD
Sample : 04197-18
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ALS Vial : 46 Sample Multiplier: 1

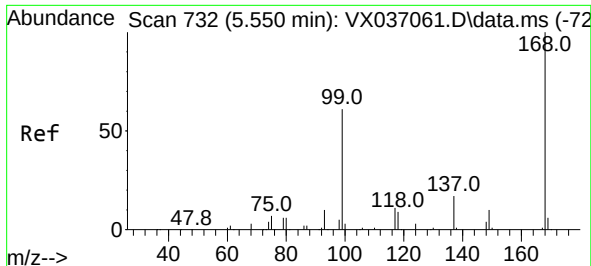
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-22

Quant Time: Aug 30 04:53:52 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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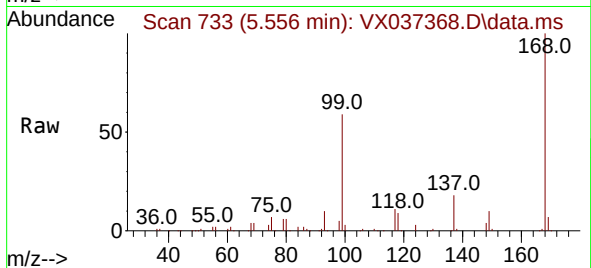
Reviewed By : John Carlone 08/30/2023
Supervised By : Mahesh Dadoda 08/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

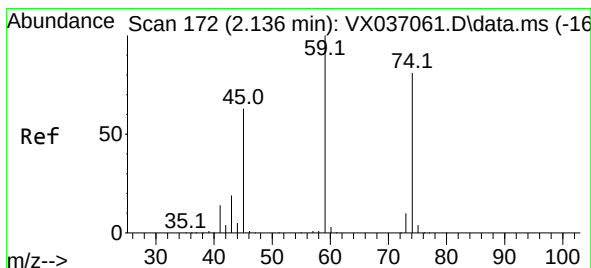
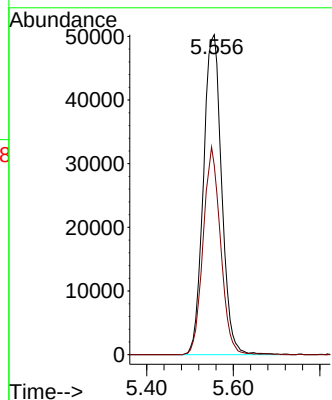
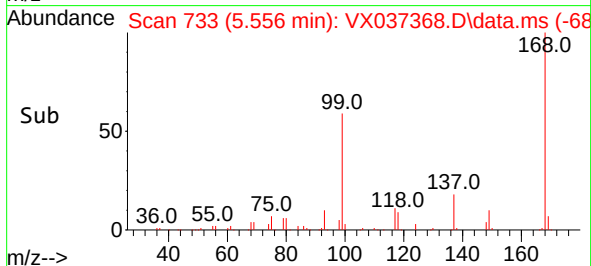
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-22



Tgt Ion:168 Resp: 147135
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0

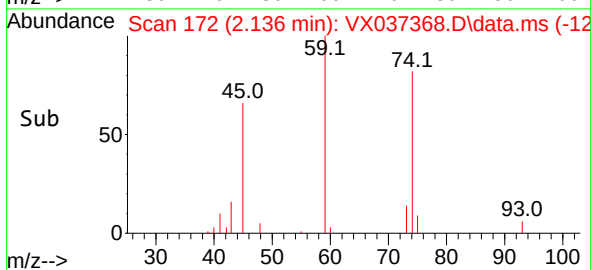
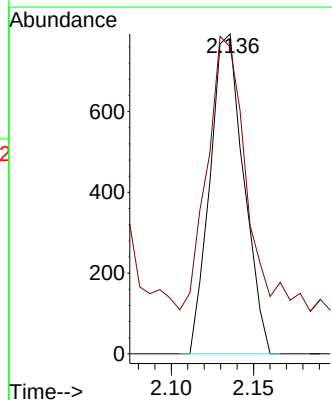
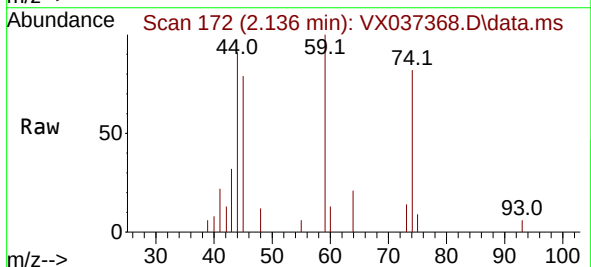
Manual Integrations
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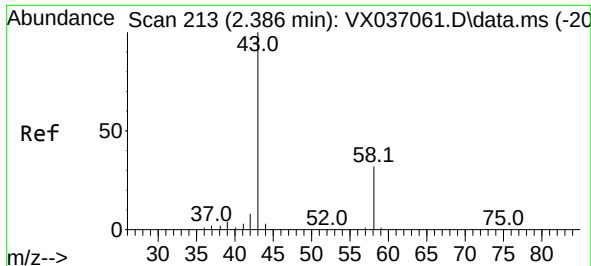
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#8
Diethyl Ether
Concen: 1.096 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

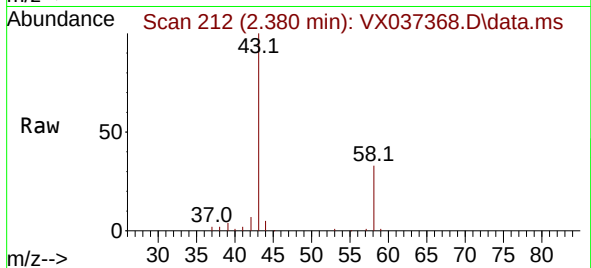
Tgt Ion: 74 Resp: 1131
Ion Ratio Lower Upper
74 100
45 99.4 53.3 159.8





#16
Acetone
Concen: 26.612 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

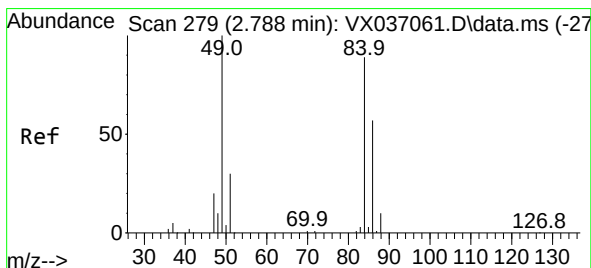
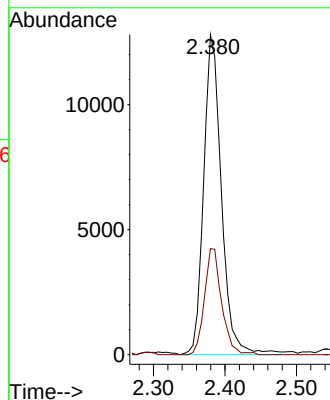
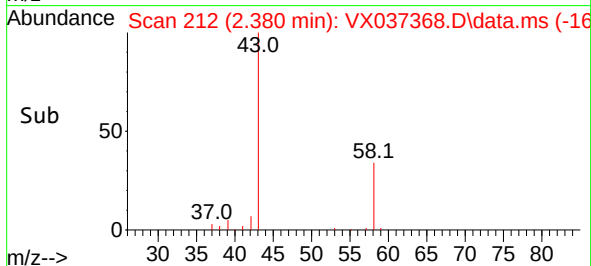
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-22



Tgt Ion: 43 Resp: 22084
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9

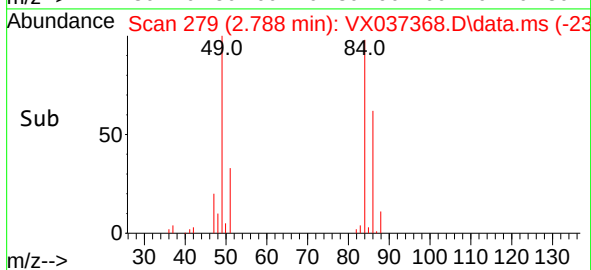
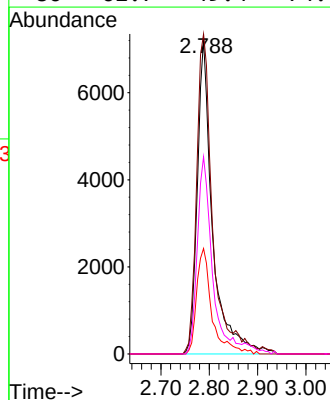
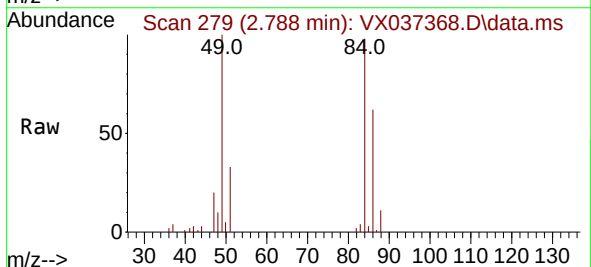
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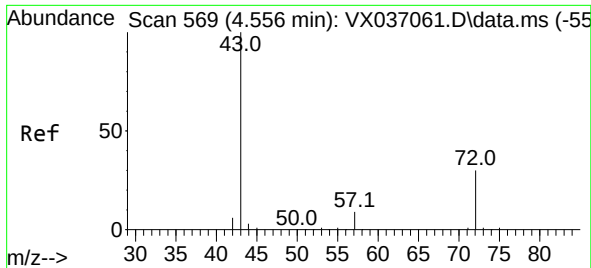
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#20
Methylene Chloride
Concen: 8.482 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

Tgt Ion: 84 Resp: 15740
Ion Ratio Lower Upper
84 100
49 101.8 103.6 155.4#
51 33.5 33.8 50.6#
86 62.7 49.4 74.0





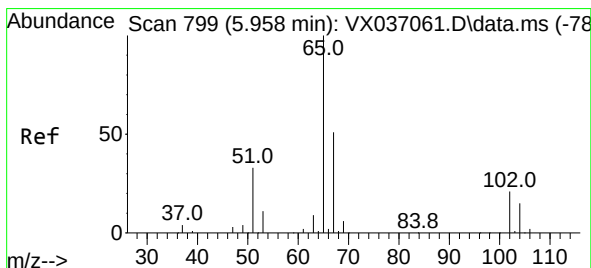
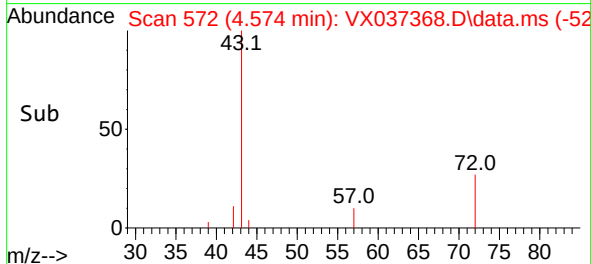
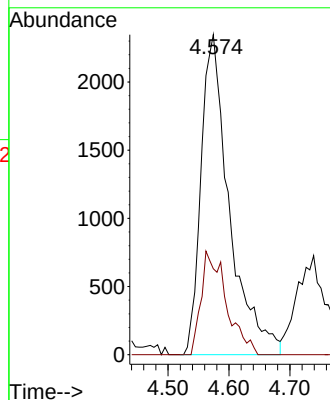
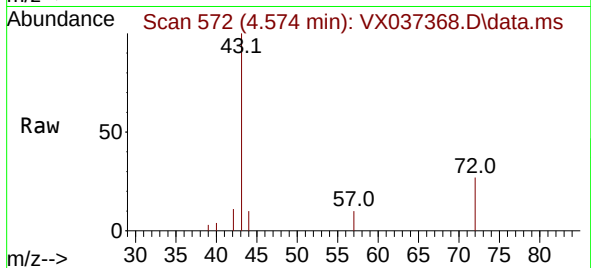
#25
2-Butanone
Concen: 6.078 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-22

Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2

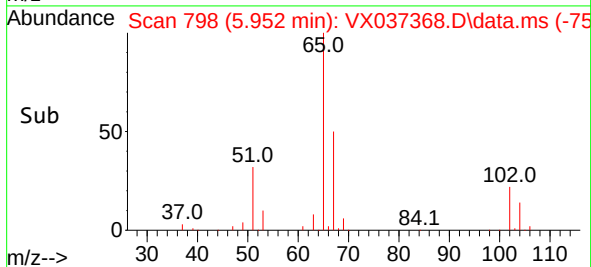
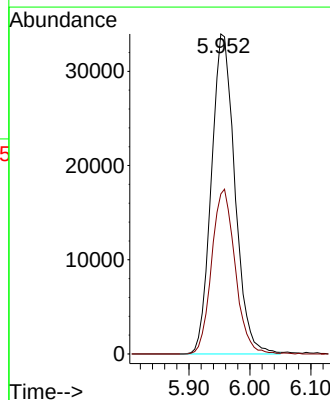
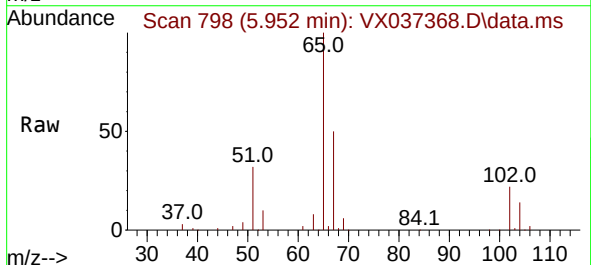
Manual Integrations
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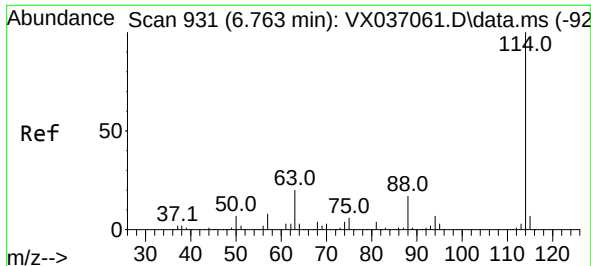
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#33
1,2-Dichloroethane-d4
Concen: 42.887 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

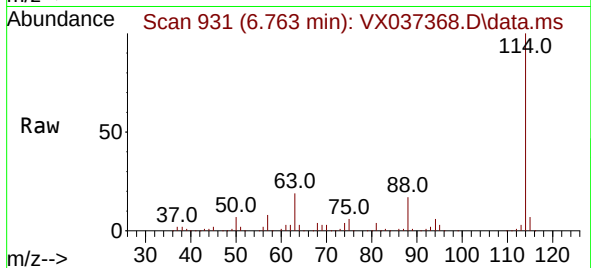
Tgt Ion: 65 Resp: 90973
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

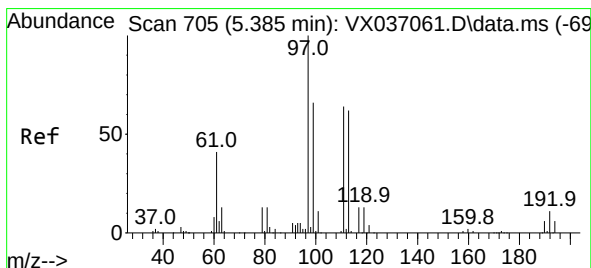
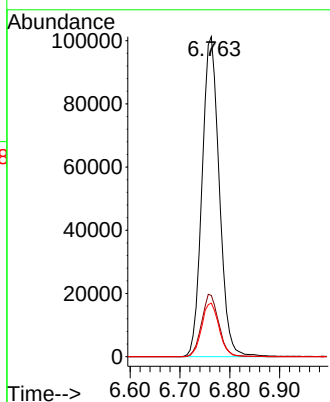
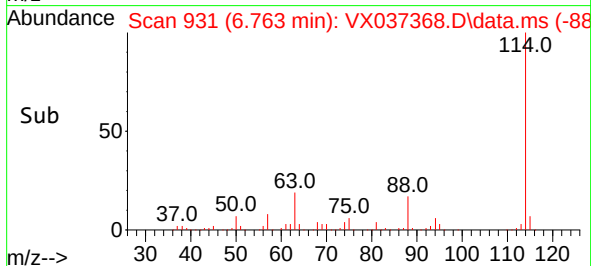
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-22



Tgt Ion:114 Resp: 24295
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.7 0.0 36.6

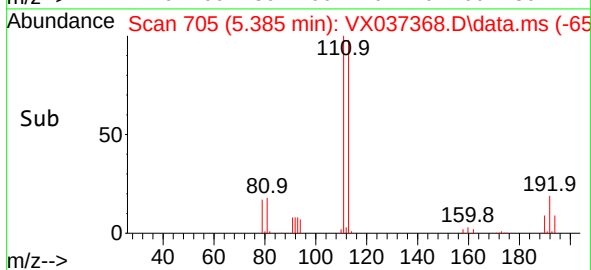
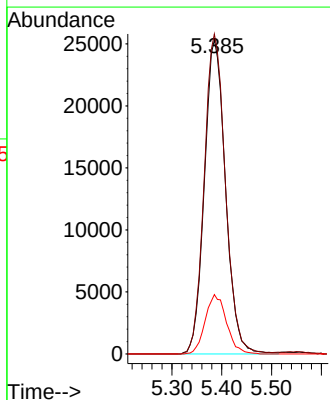
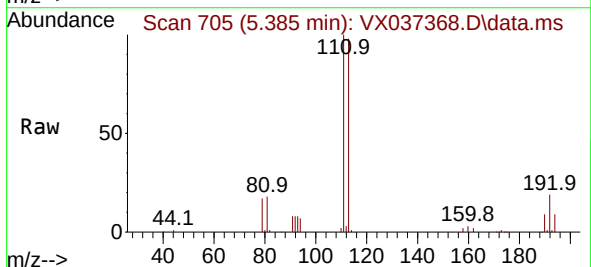
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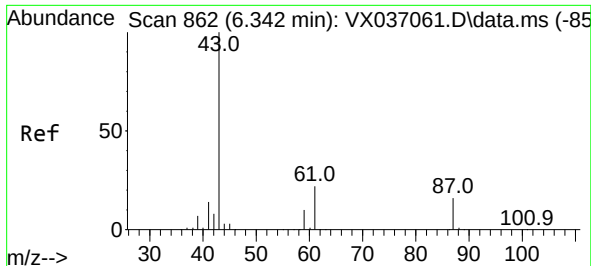
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#35
Dibromofluoromethane
Concen: 46.292 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

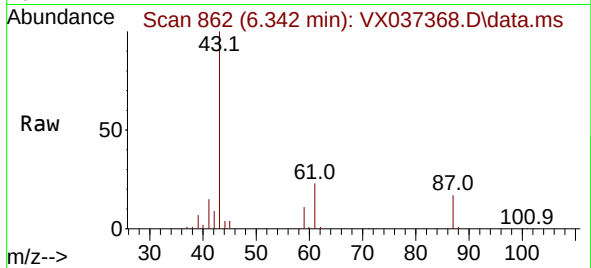
Tgt Ion:113 Resp: 74484
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.0 13.3 19.9





#43
Isopropyl Acetate
Concen: 21.923 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

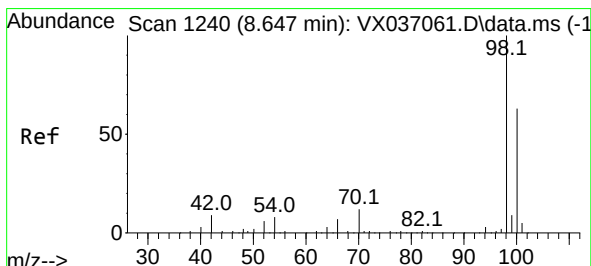
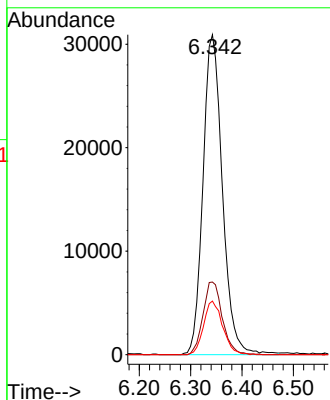
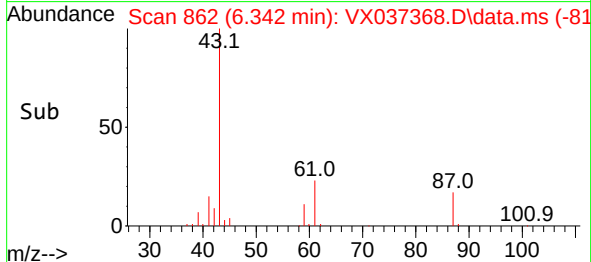
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-22



Tgt Ion: 43 Resp: 81274
Ion Ratio Lower Upper
43 100
61 22.5 15.2 22.8
87 16.4 9.8 14.6

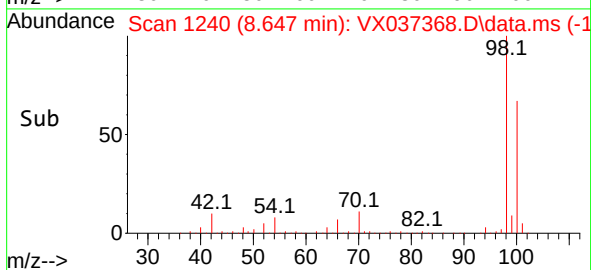
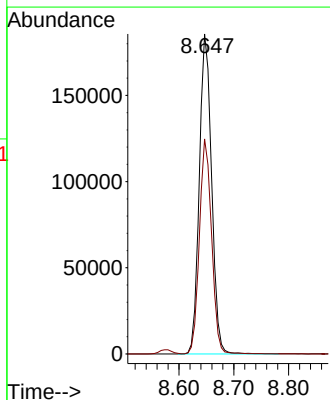
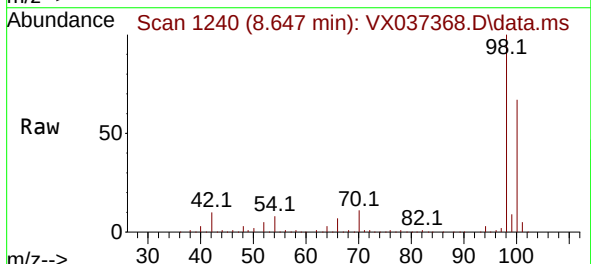
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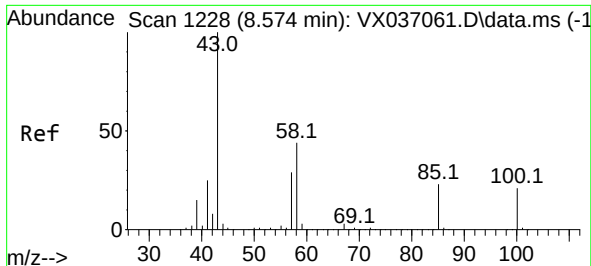
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#50
Toluene-d8
Concen: 49.599 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

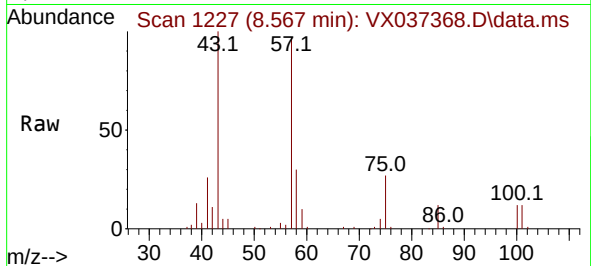
Tgt Ion: 98 Resp: 289482
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 6.498 ug/l m
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

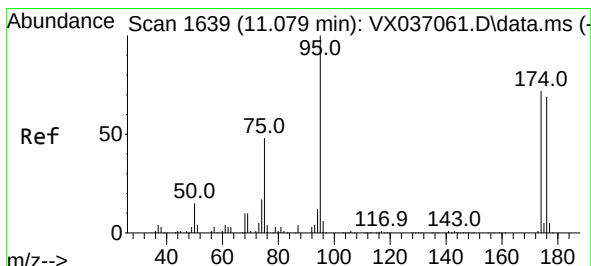
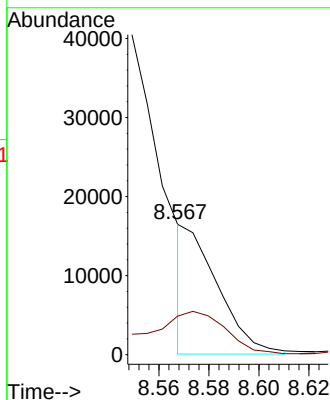
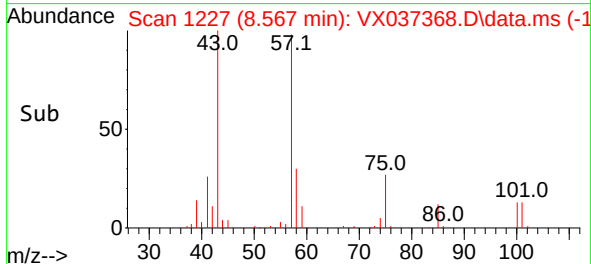
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-22



Tgt Ion: 43 Resp: 14629
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6

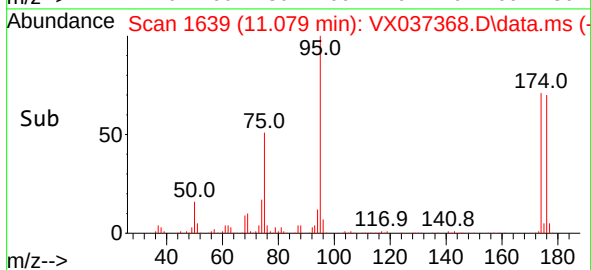
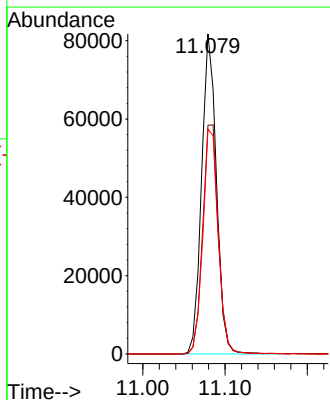
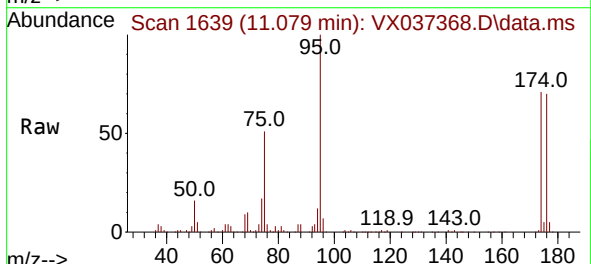
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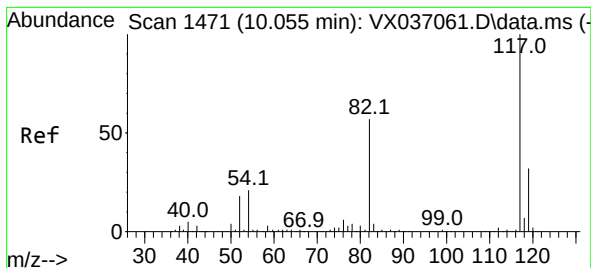
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#62
4-Bromofluorobenzene
Concen: 44.624 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

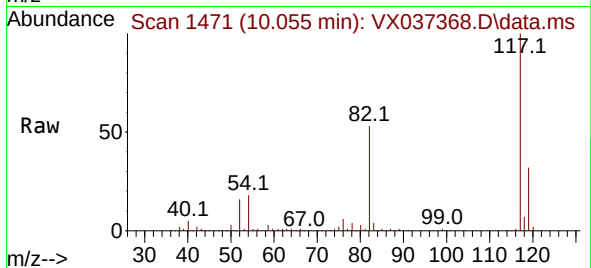
Tgt Ion: 95 Resp: 102353
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 72.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

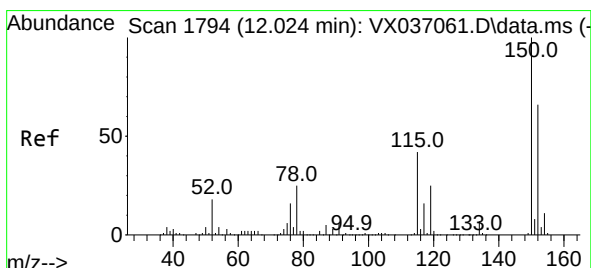
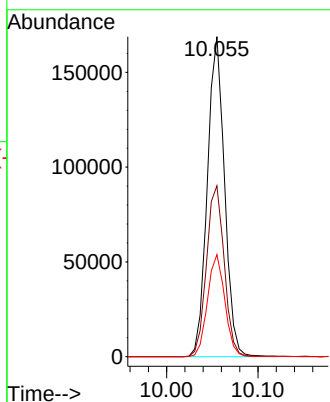
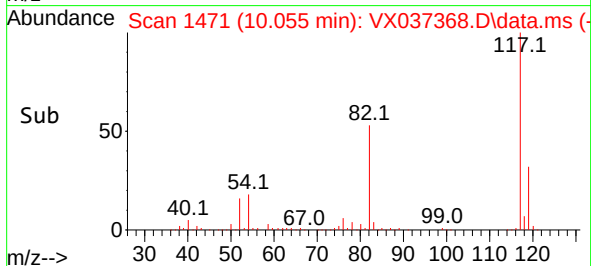
Instrument :
MSVOA_X
ClientSampleId :
OR-309-OK-370-VOC-22



Tgt Ion:117 Resp: 22010
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 31.9 25.5 38.3

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037368.D
Acq: 30 Aug 2023 04:22

Tgt Ion:152 Resp: 94536
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 157.4 0.0 345.0

