

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040324\
 Data File : VX040868.D
 Acq On : 03 Apr 2024 12:46
 Operator : JC/MD
 Sample : P1964-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RSB-02-17-040224DL

Quant Time: Apr 03 16:39:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/03/2024
 Supervised By :Semsettin Yesilyurt 04/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	43982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	78570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38012	48.168	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.340%		
35) Dibromofluoromethane	5.385	113	26710	47.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.000%		
50) Toluene-d8	8.647	98	100386	49.920	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.840%		
62) 4-Bromofluorobenzene	11.079	95	41981	52.276	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.560%		
Target Compounds						
4) Vinyl Chloride	1.374	62	19858	37.354	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	25754	42.913	ug/l	90
30) Chloroform	5.086	83	1663m	1.559	ug/l	
40) Benzene	6.050	78	1058	0.482	ug/l #	88
65) Chlorobenzene	10.079	112	1680m	0.965	ug/l	

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

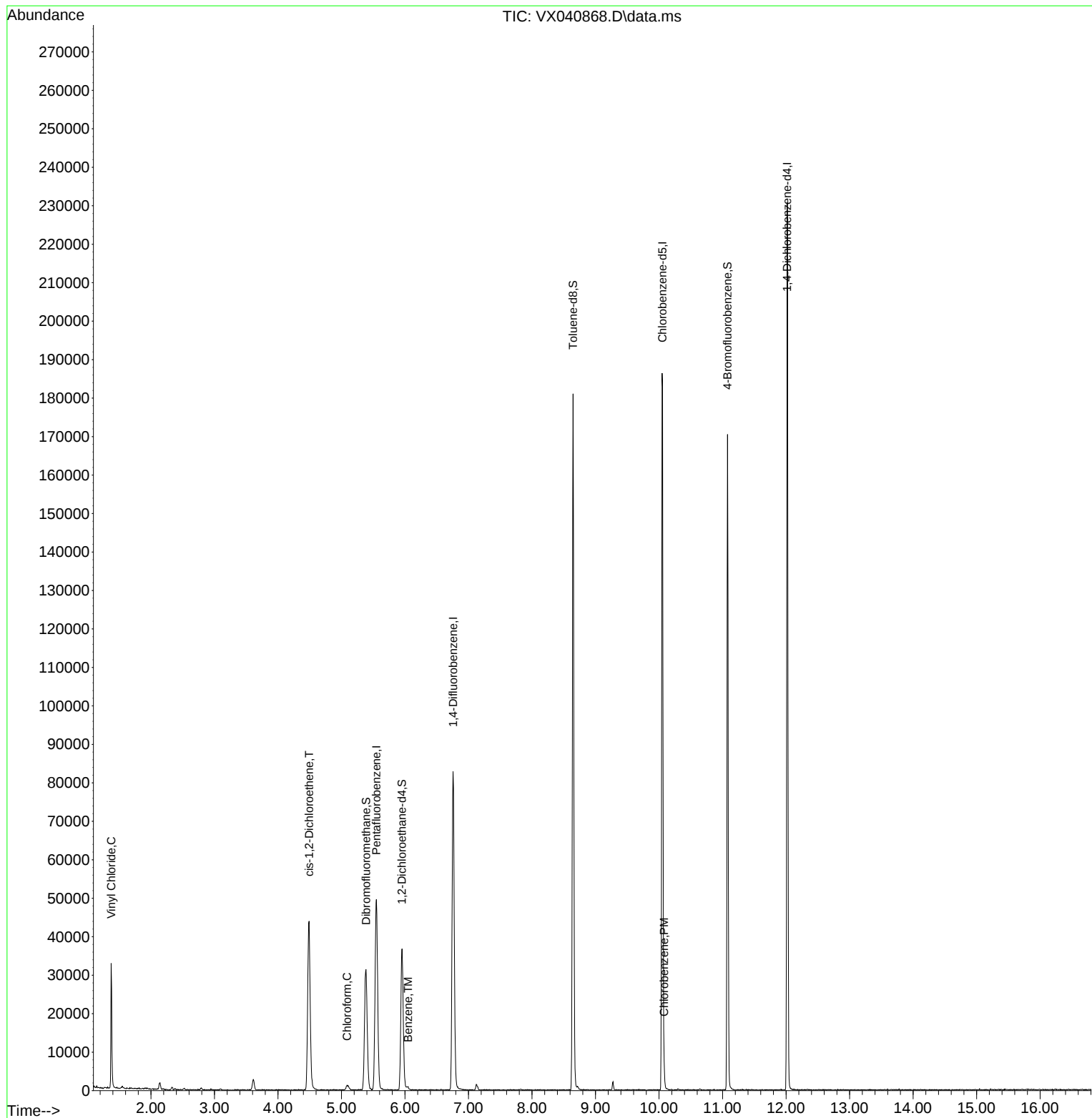
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040324\
Data File : VX040868.D
Acq On : 03 Apr 2024 12:46
Operator : JC/MD
Sample : P1964-01DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

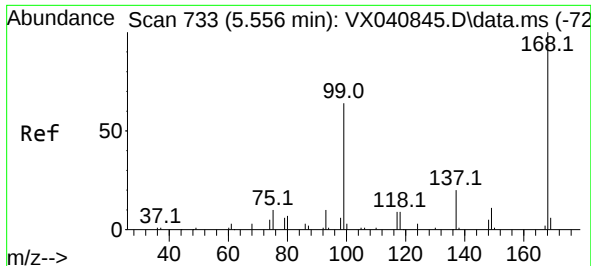
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-17-040224DL

Quant Time: Apr 03 16:39:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

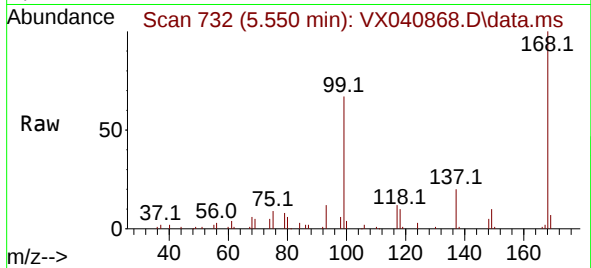
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

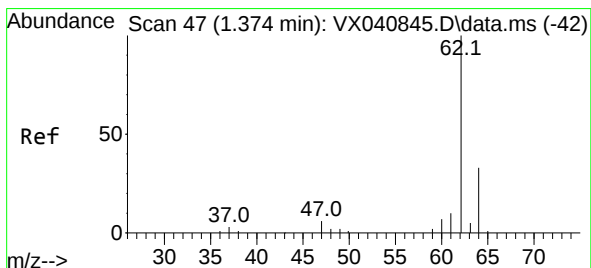
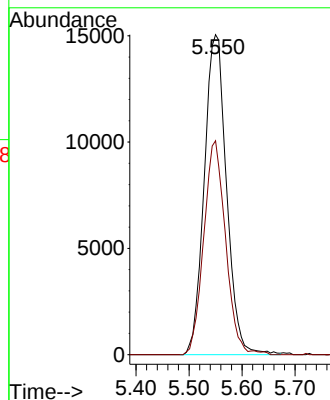
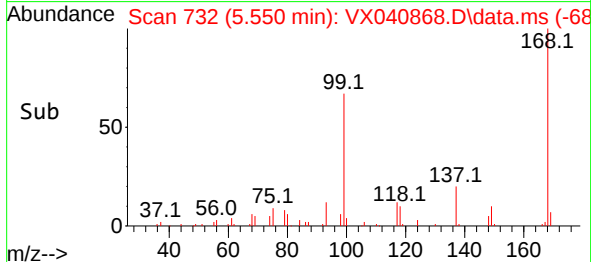
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-17-040224DL



Tgt Ion:168 Resp: 4398
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0

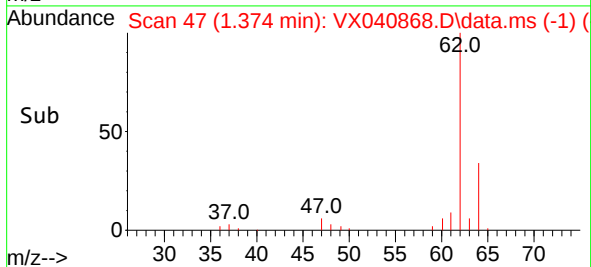
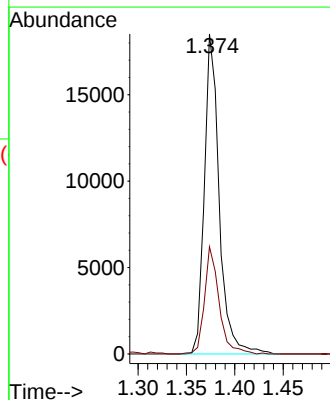
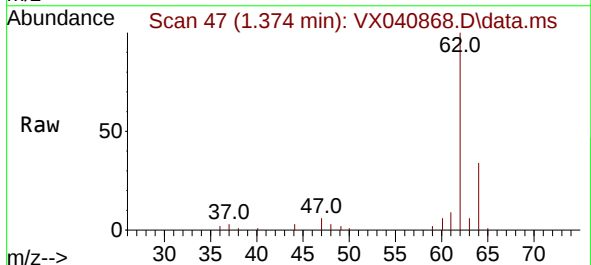
Manual Integrations
APPROVED

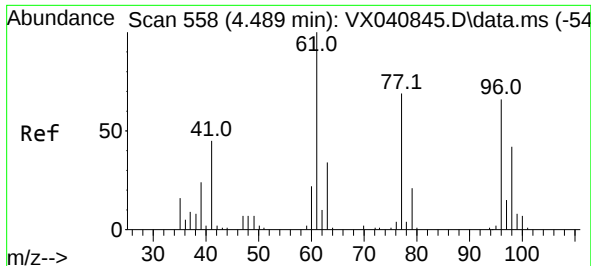
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#4
Vinyl Chloride
Concen: 37.354 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Tgt Ion: 62 Resp: 19858
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0





#27

cis-1,2-Dichloroethene

Concen: 42.913 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

Instrument :

MSVOA_X

ClientSampleId :

RSB-02-17-040224DL

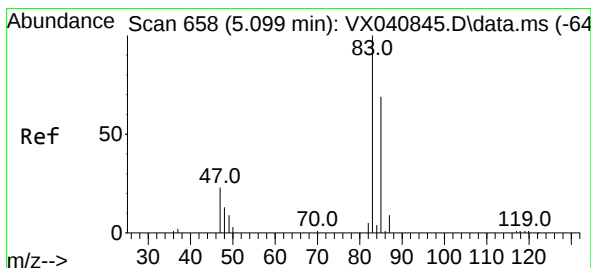
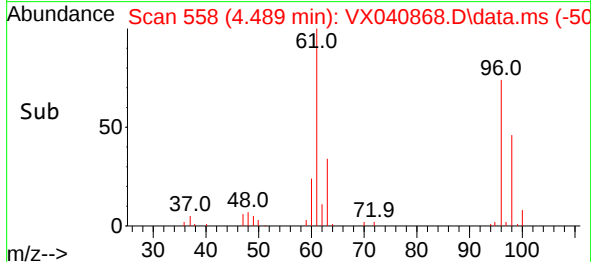
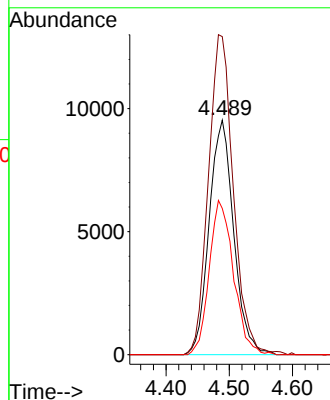
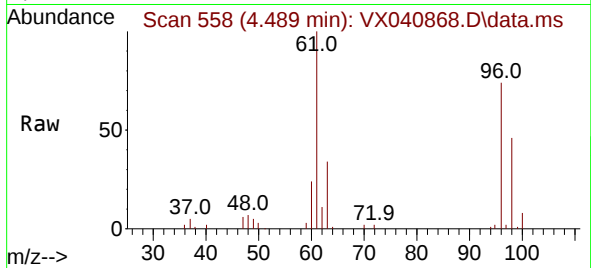
Tgt Ion: 96	Resp: 25754
Ion Ratio	Lower Upper
96 100	
61 138.4	0.0 312.2
98 65.0	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#30

Chloroform

Concen: 1.559 ug/l m

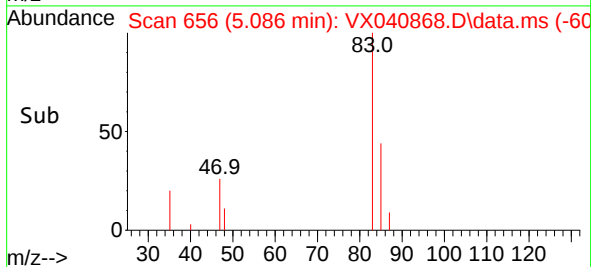
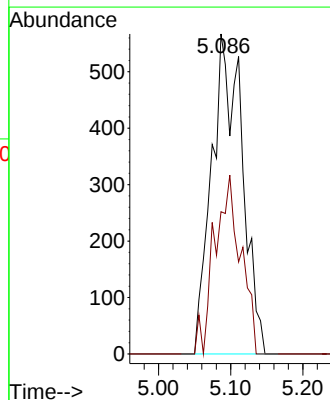
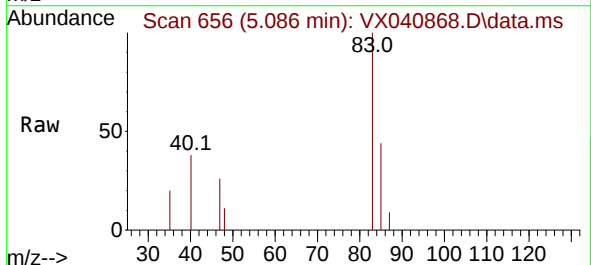
RT: 5.086 min Scan# 656

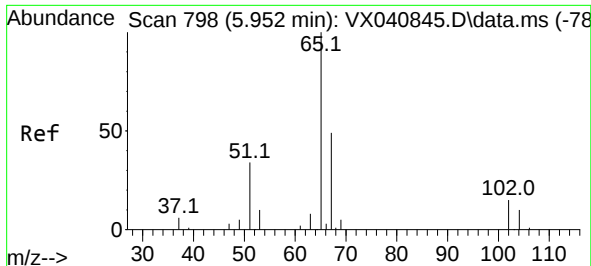
Delta R.T. -0.012 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

Tgt Ion: 83	Resp: 1663
Ion Ratio	Lower Upper
83 100	
85 44.4	50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 48.168 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

Instrument :

MSVOA_X

ClientSampleId :

RSB-02-17-040224DL

Tgt Ion: 65 Resp: 3801

Ion Ratio Lower Upper

65 100

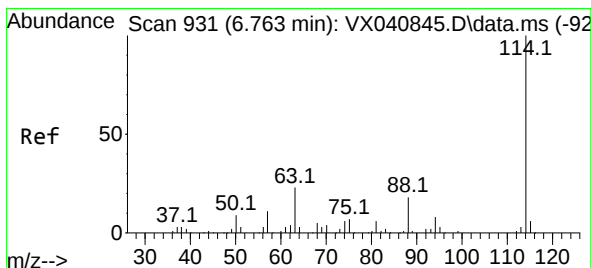
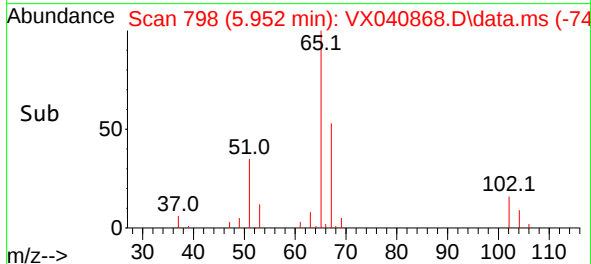
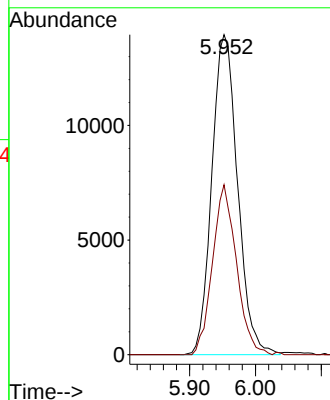
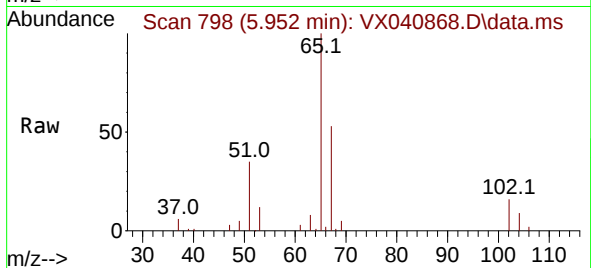
67 49.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

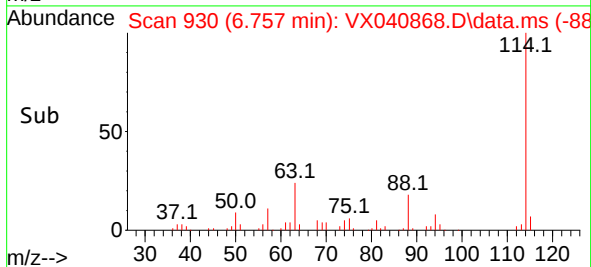
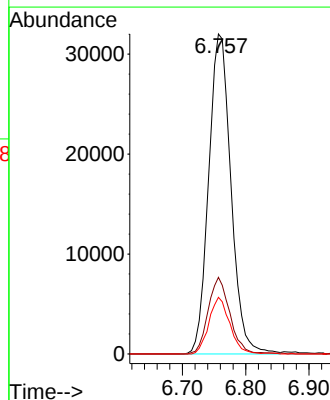
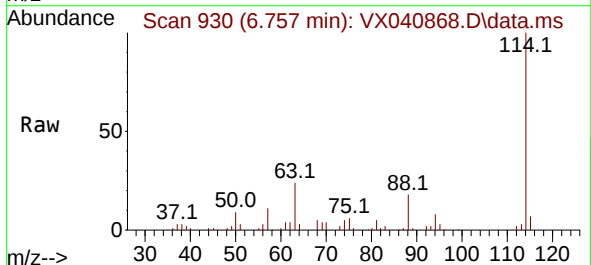
Tgt Ion:114 Resp: 78570

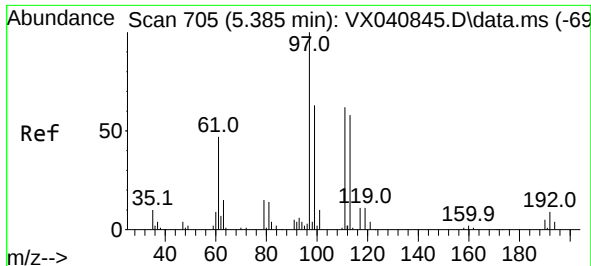
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

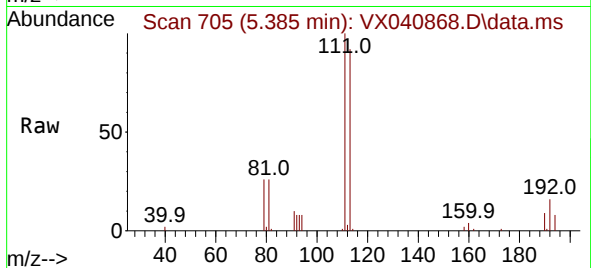
88 17.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.995 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

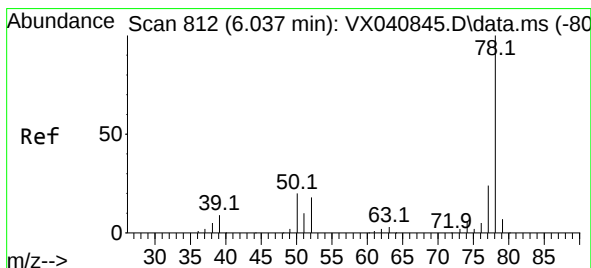
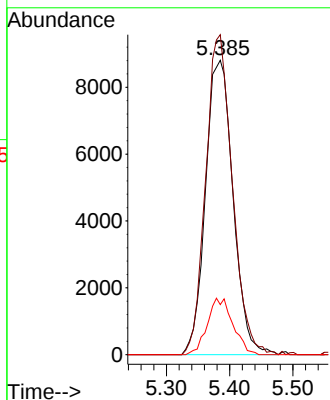
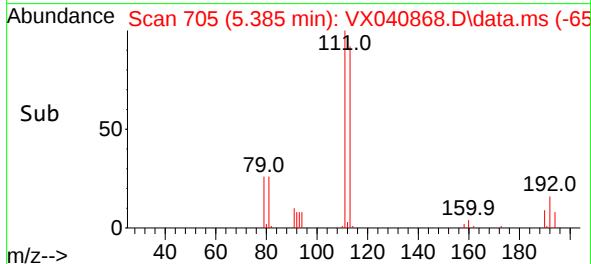
Instrument :
MSVOA_X
ClientSampleId :
RSB-02-17-040224DL



Tgt Ion:113 Resp: 26710
Ion Ratio Lower Upper
113 100
111 105.0 82.9 124.3
192 17.8 13.3 19.9

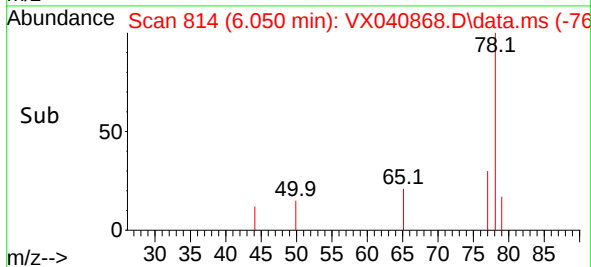
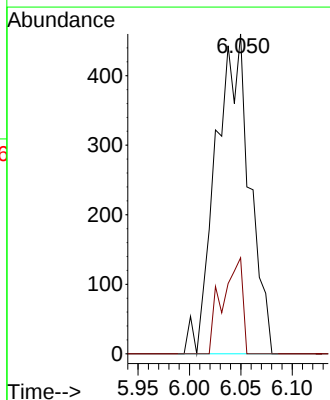
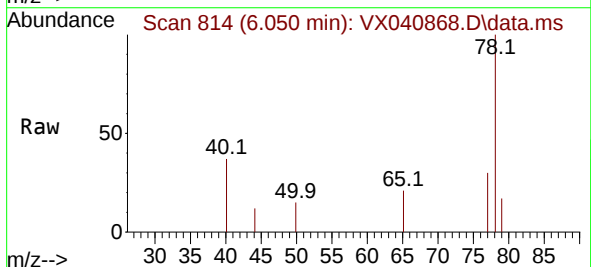
Manual Integrations
APPROVED

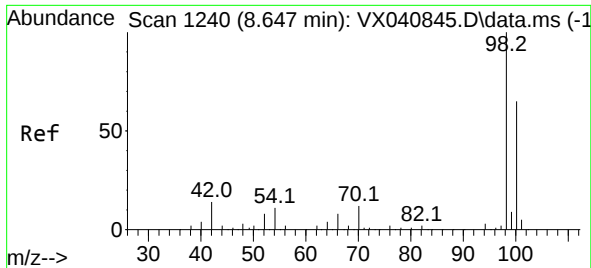
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#40
Benzene
Concen: 0.482 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Tgt Ion: 78 Resp: 1058
Ion Ratio Lower Upper
78 100
77 30.0 19.3 28.9#





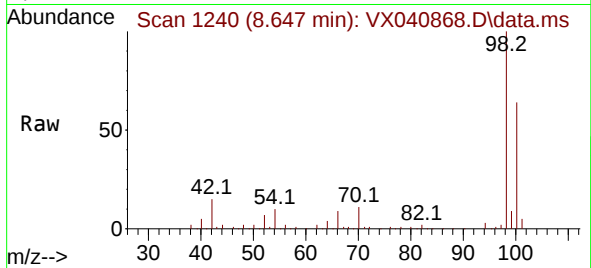
#50
Toluene-d8
Concen: 49.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Instrument :

MSVOA_X

ClientSampleId :

RSB-02-17-040224DL



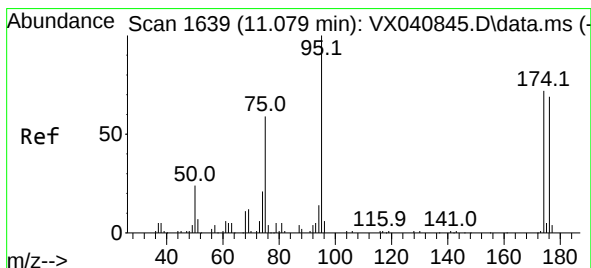
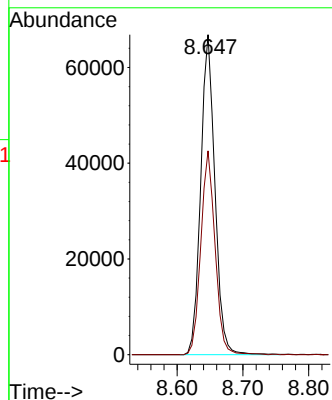
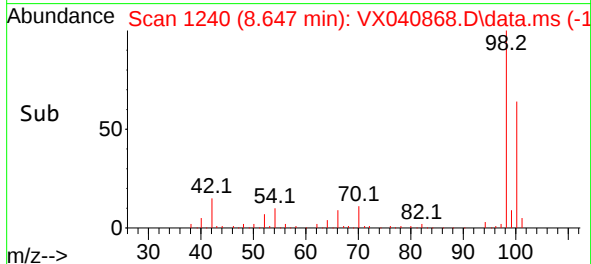
Tgt Ion: 98 Resp: 100380
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

Manual Integrations

APPROVED

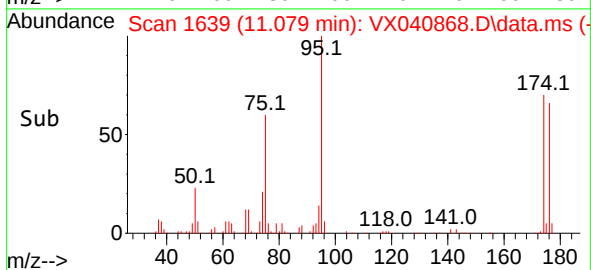
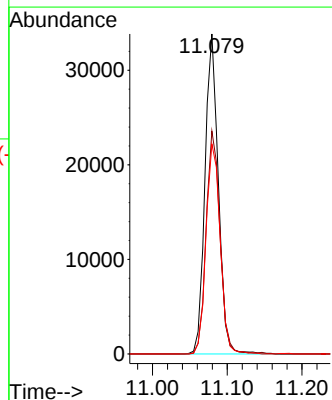
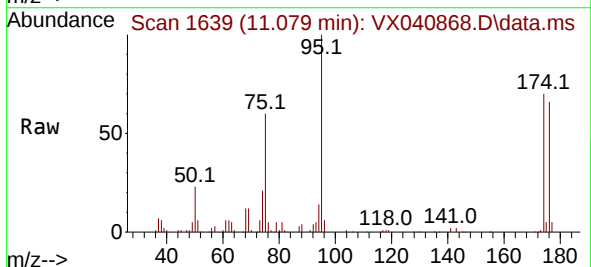
Reviewed By :John Carlone 04/03/2024

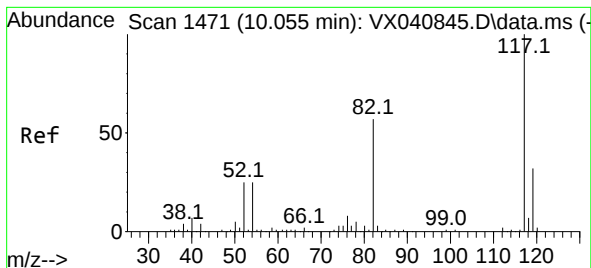
Supervised By :Semsettin Yesilyurt 04/03/2024



#62
4-Bromofluorobenzene
Concen: 52.276 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040868.D
Acq: 03 Apr 2024 12:46

Tgt Ion: 95 Resp: 41981
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 69.5 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: VX040868.D

Acq: 03 Apr 2024 12:46

Instrument :

MSVOA_X

ClientSampleId :

RSB-02-17-040224DL

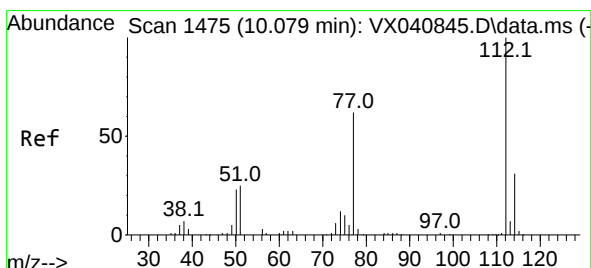
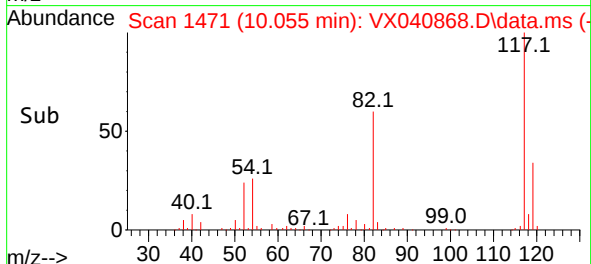
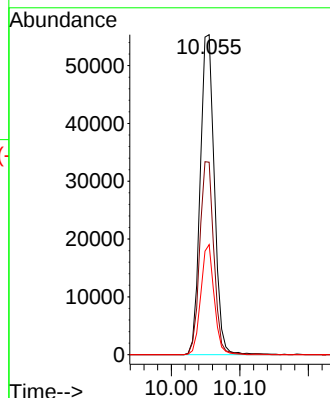
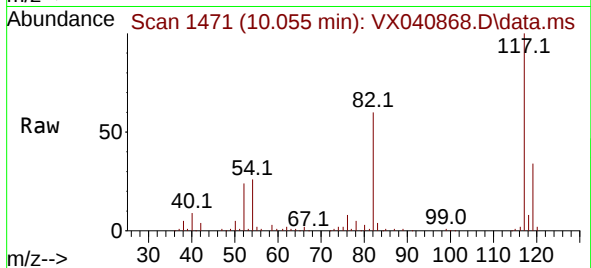
Tgt Ion:117	Resp:	79564
Ion Ratio	Lower	Upper
117	100	
82	60.1	46.2 69.4
119	34.4	25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#65

Chlorobenzene

Concen: 0.965 ug/l m

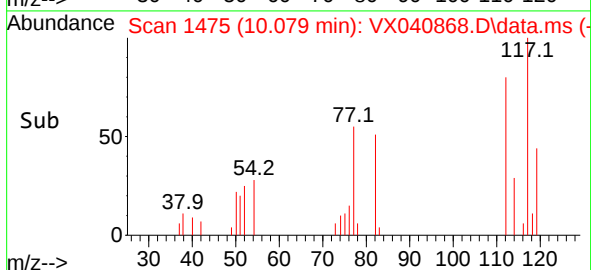
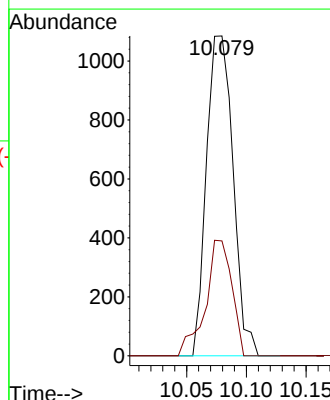
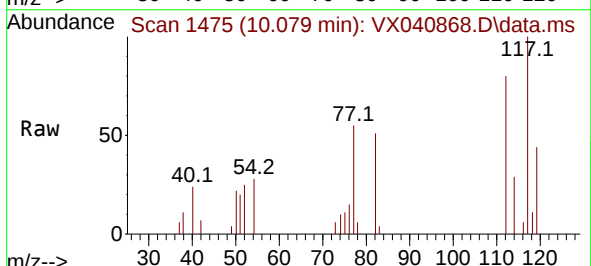
RT: 10.079 min Scan# 1475

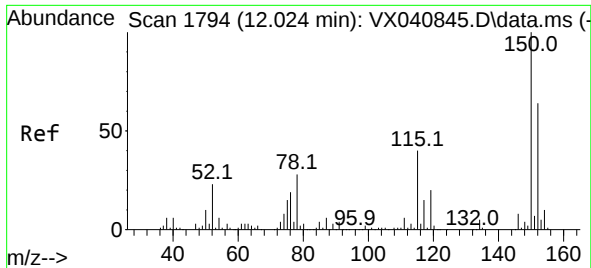
Delta R.T. 0.000 min

Lab File: VX040868.D

Acq: 03 Apr 2024 12:46

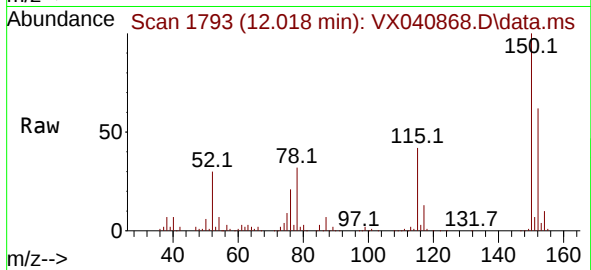
Tgt Ion:112	Resp:	1680
Ion Ratio	Lower	Upper
112	100	
114	35.9	25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040868.D
 Acq: 03 Apr 2024 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 RSB-02-17-040224DL



Tgt Ion:152 Resp: 42049
 Ion Ratio Lower Upper
 152 100
 115 63.4 43.3 129.9
 150 156.4 0.0 345.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/03/2024
 Supervised By :Semsettin Yesilyurt 04/03/2024

