

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041958.D
 Acq On : 20 Jun 2024 12:15
 Operator : JC/MD
 Sample : P2980-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240618075-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2024
 Supervised By : Mahesh Dadoda 06/21/2024

Quant Time: Jun 21 03:15:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	26842	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	145426	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	129405	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56598	30.630	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.100%			
60) 4-Bromofluorobenzene	11.079	95	57224	28.568	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.233%			
63) Toluene-d8	8.647	98	168757	30.481	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.600%			
Target Compounds						
						Qvalue
15) Acetone	2.392	58	24506	86.298	ug/l	94
25) Chloroform	5.099	83	12338	4.150	ug/l	94
30) 2-Butanone	4.593	43	4014m	3.165	ug/l	
41) Bromodichloromethane	7.830	83	2912	1.459	ug/l	96
53) Dibromochloromethane	9.525	129	1506	0.849	ug/l	96
62) Toluene	8.726	91	8584	1.311	ug/l	100

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

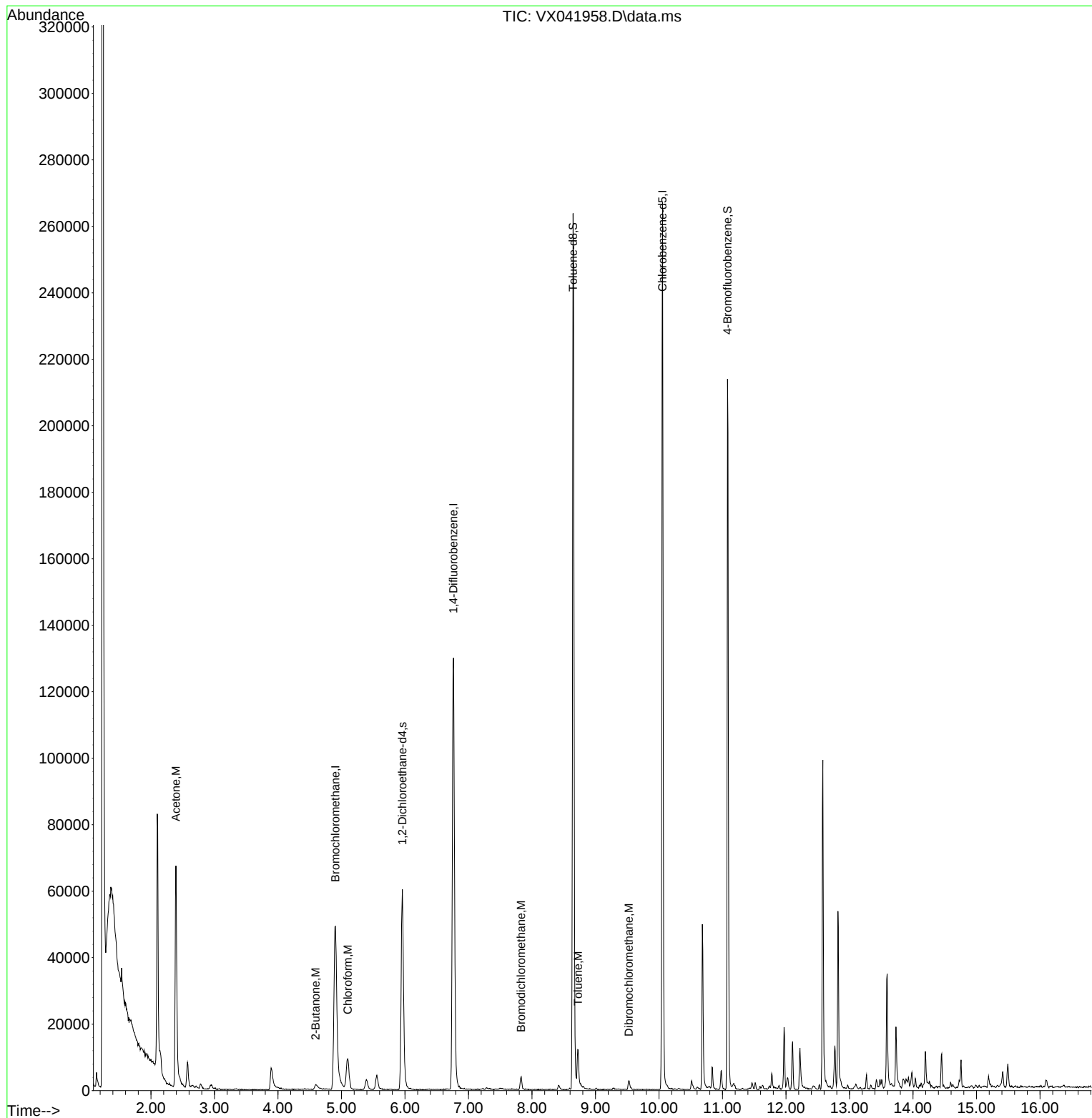
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041958.D
Acq On : 20 Jun 2024 12:15
Operator : JC/MD
Sample : P2980-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

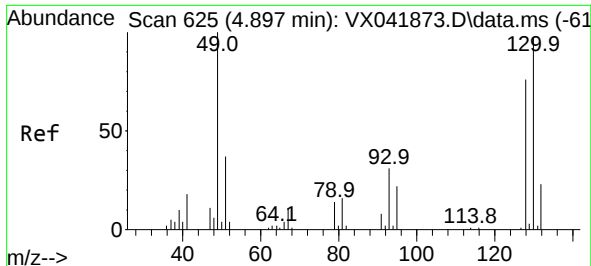
Instrument :
MSVOA_X
ClientSampleId :
240618075-01

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/21/2024
Supervised By : Mahesh Dadoda 06/21/2024

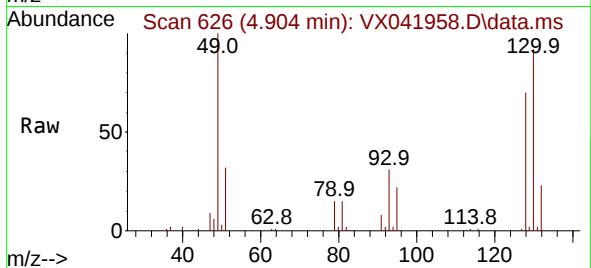
Quant Time: Jun 21 03:15:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15

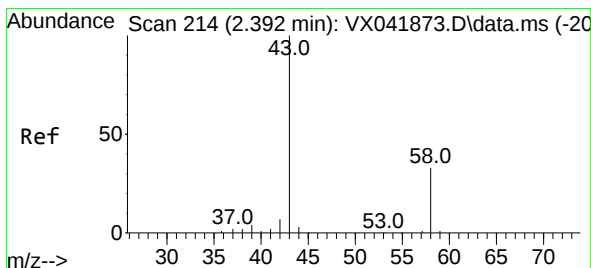
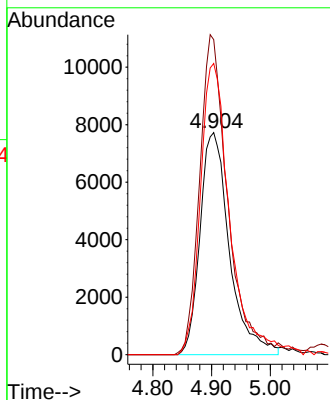
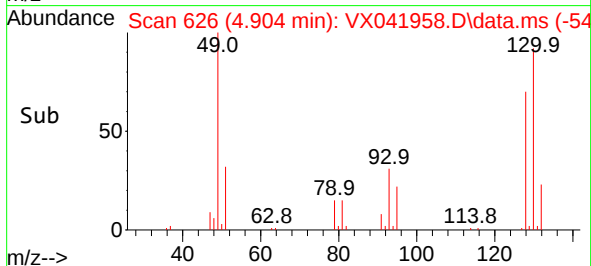
Instrument :
MSVOA_X
ClientSampleId :
240618075-01



Tgt Ion:128 Resp: 2684
Ion Ratio Lower Upper
128 100
49 137.3 0.0 338.5
130 128.8 0.0 324.5

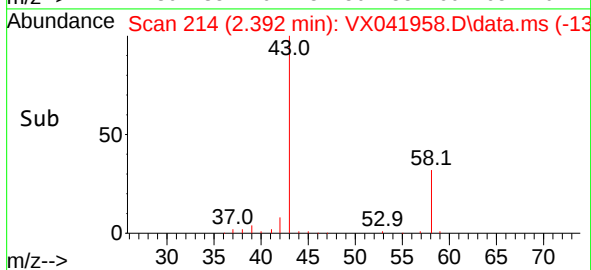
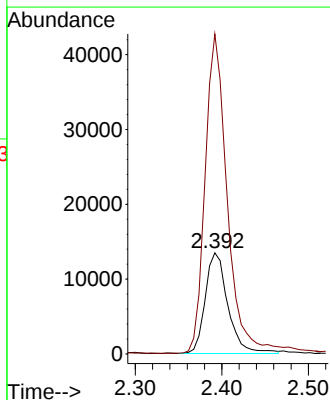
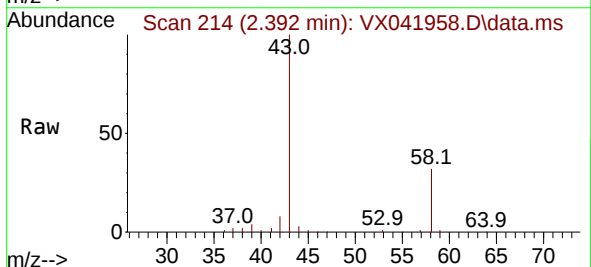
Manual Integrations
APPROVED

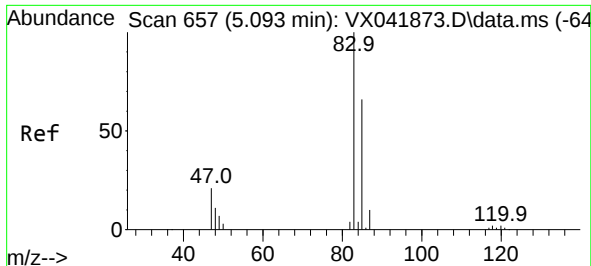
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#15
Acetone
Concen: 86.298 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15

Tgt Ion: 58 Resp: 24506
Ion Ratio Lower Upper
58 100
43 317.1 243.4 365.2





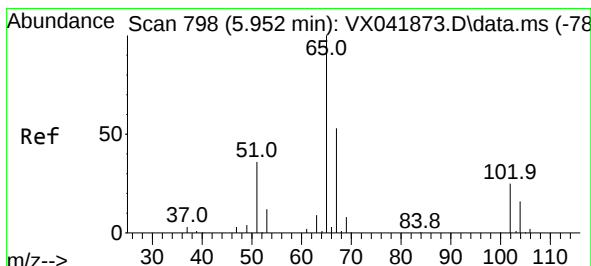
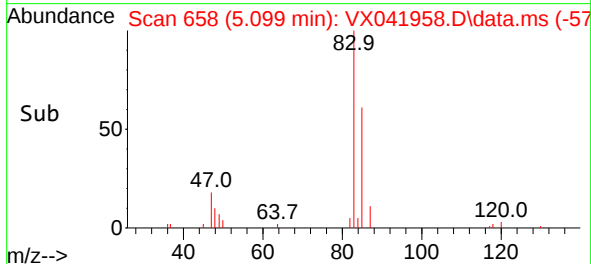
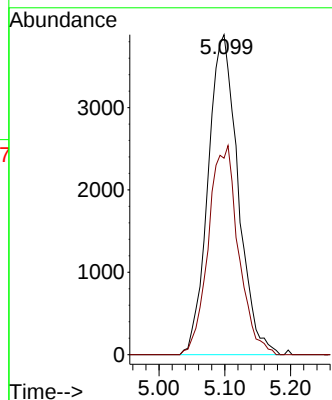
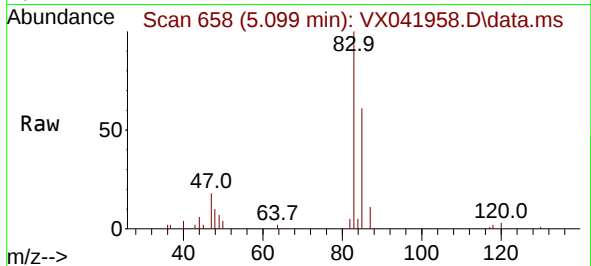
#25
Chloroform
Concen: 4.150 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15

Instrument :
MSVOA_X
ClientSampleId :
240618075-01

Tgt Ion: 83 Resp: 12338
Ion Ratio Lower Upper
83 100
85 61.4 52.7 79.1

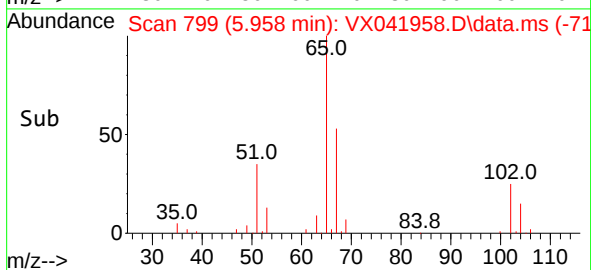
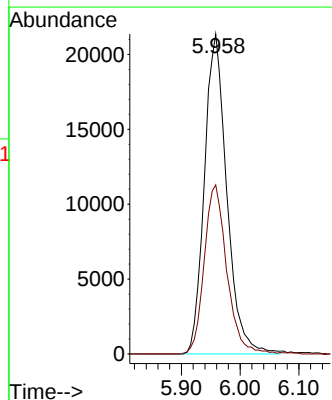
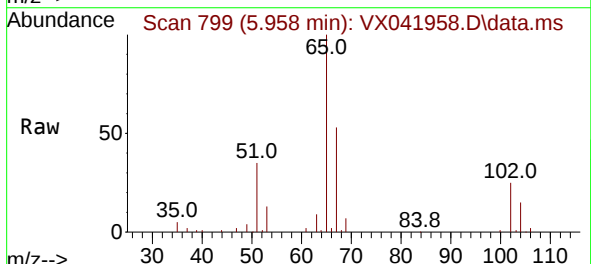
Manual Integrations
APPROVED

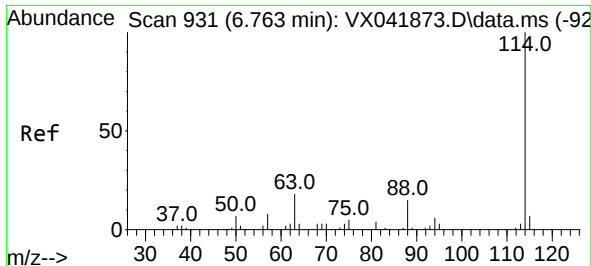
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#27
1,2-Dichloroethane-d4
Concen: 30.630 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15

Tgt Ion: 65 Resp: 56598
Ion Ratio Lower Upper
65 100
67 53.2 43.4 65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX041958.D

Acq: 20 Jun 2024 12:15

Instrument :

MSVOA_X

ClientSampleId :

240618075-01

Tgt Ion:114 Resp: 145420

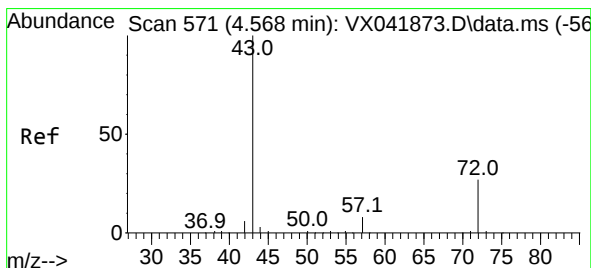
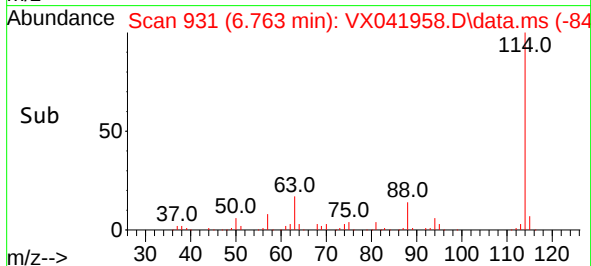
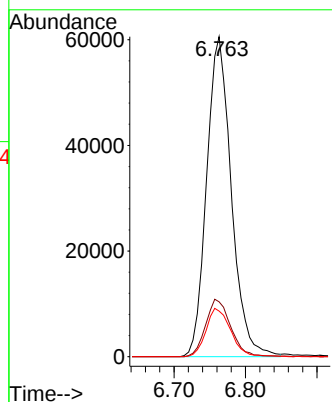
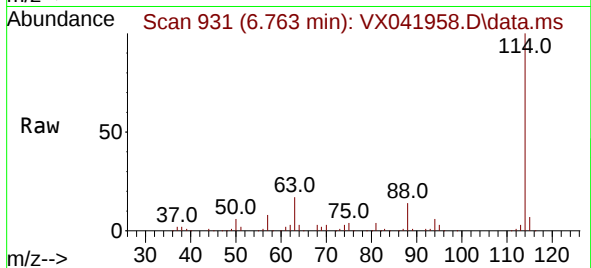
Ion	Ratio	Lower	Upper
114	100		
63	18.1	14.6	21.8
88	15.0	11.8	17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2024

Supervised By :Mahesh Dadoda 06/21/2024



#30

2-Butanone

Concen: 3.165 ug/l m

RT: 4.593 min Scan# 575

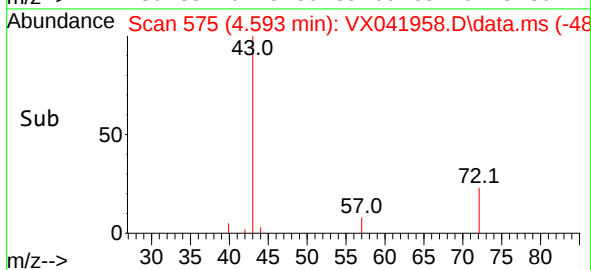
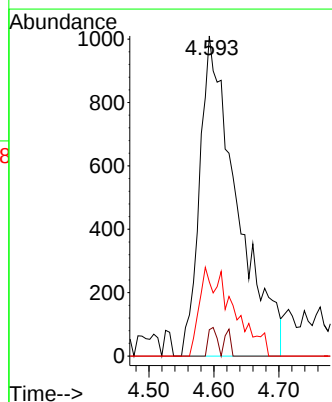
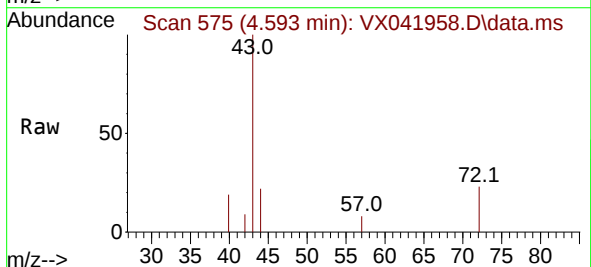
Delta R.T. 0.024 min

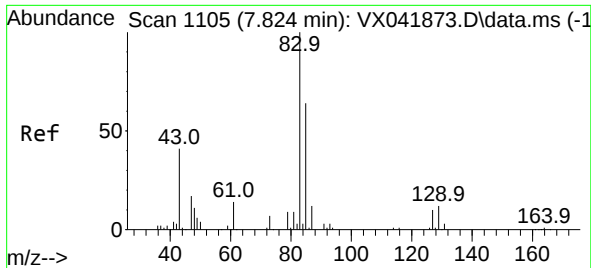
Lab File: VX041958.D

Acq: 20 Jun 2024 12:15

Tgt Ion: 43 Resp: 4014

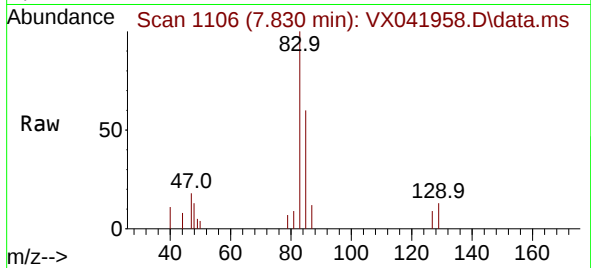
Ion	Ratio	Lower	Upper
43	100		
57	2.1	6.5	9.7#
72	10.0	22.0	33.0#





#41
Bromodichloromethane
Concen: 1.459 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15

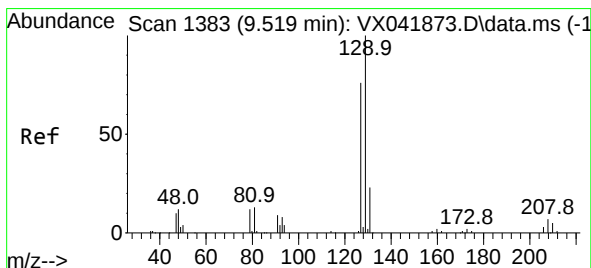
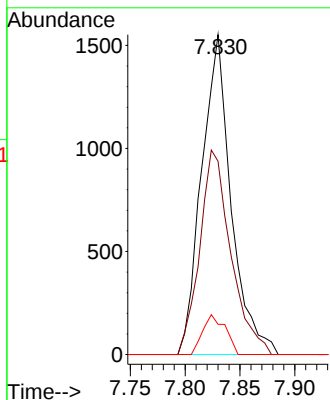
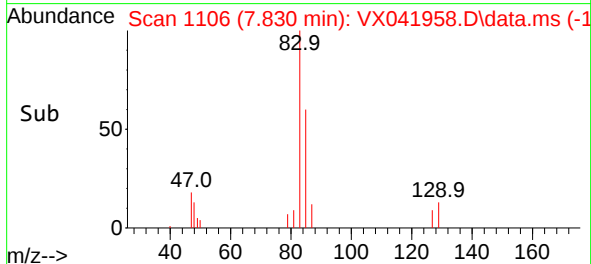
Instrument :
MSVOA_X
ClientSampleId :
240618075-01



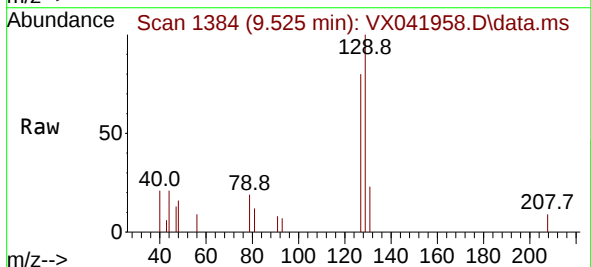
Tgt Ion: 83 Resp: 291
Ion Ratio Lower Upper
83 100
85 60.4 51.1 76.7
127 9.5 8.1 12.1

Manual Integrations
APPROVED

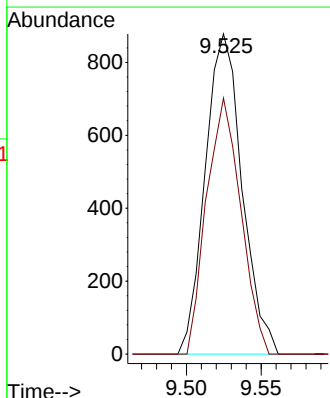
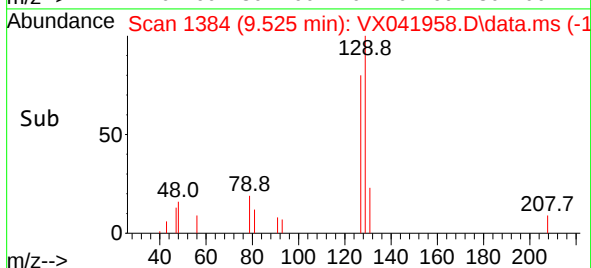
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024

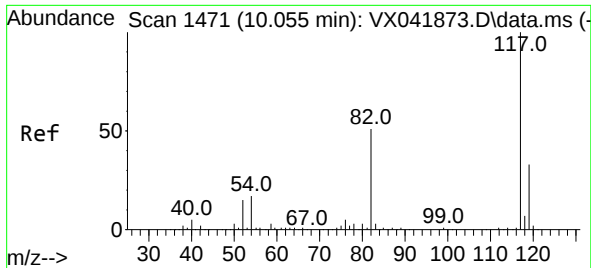


#53
Dibromochloromethane
Concen: 0.849 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15



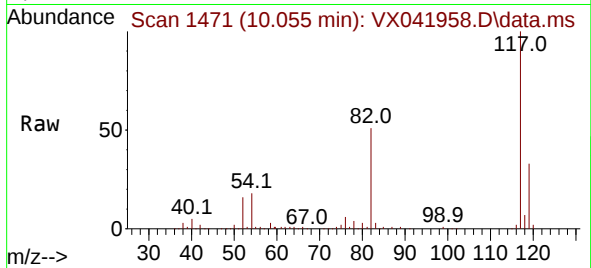
Tgt Ion:129 Resp: 1506
Ion Ratio Lower Upper
129 100
127 74.1 38.8 116.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15

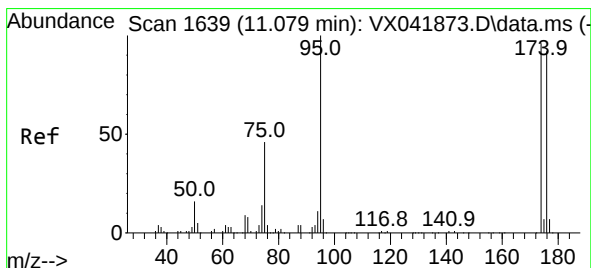
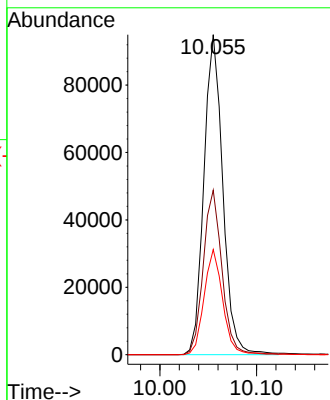
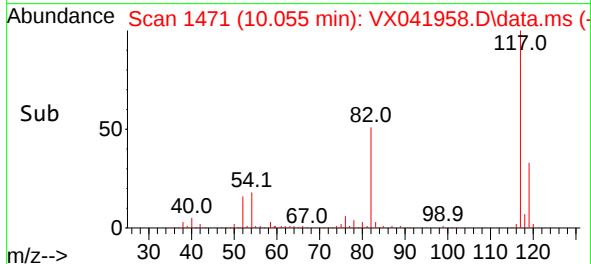
Instrument :
MSVOA_X
ClientSampleId :
240618075-01



Tgt Ion: 117 Resp: 12940
Ion Ratio Lower Upper
117 100
82 51.0 41.1 61.7
119 32.4 26.1 39.1

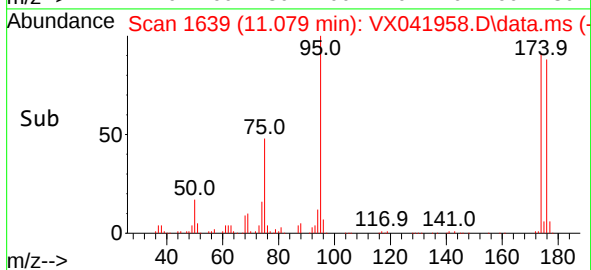
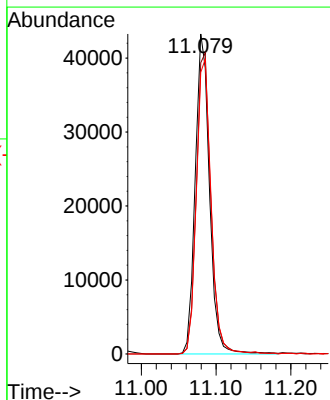
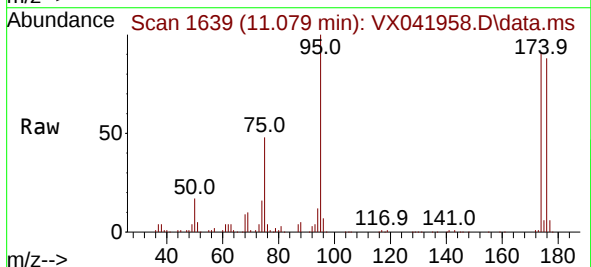
Manual Integrations
APPROVED

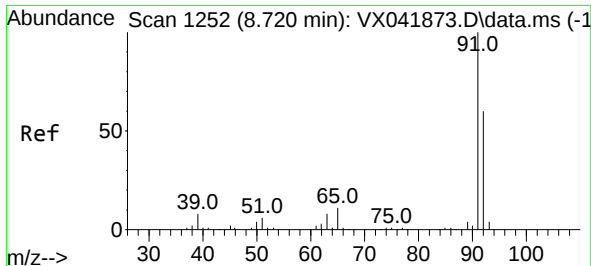
Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#60
4-Bromofluorobenzene
Concen: 28.568 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15

Tgt Ion: 95 Resp: 57224
Ion Ratio Lower Upper
95 100
174 95.1 78.9 118.3
176 94.5 77.1 115.7





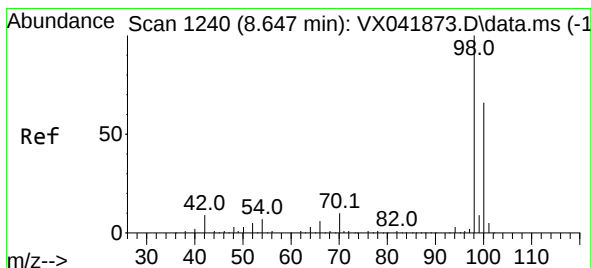
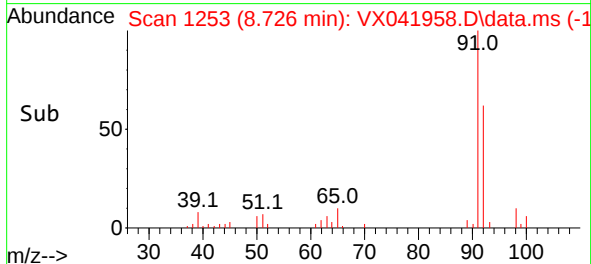
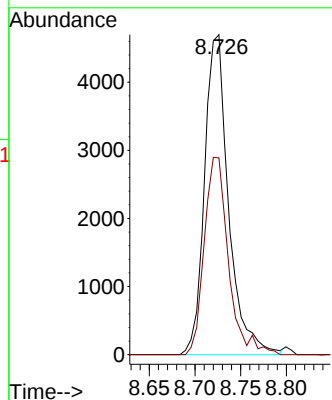
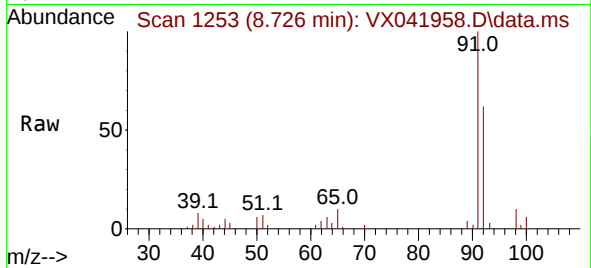
#62
Toluene
Concen: 1.311 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15

Instrument :
MSVOA_X
ClientSampleId :
240618075-01

Tgt Ion: 91 Resp: 8584
Ion Ratio Lower Upper
91 100
92 59.5 47.4 71.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2024
Supervised By :Mahesh Dadoda 06/21/2024



#63
Toluene-d8
Concen: 30.481 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041958.D
Acq: 20 Jun 2024 12:15

Tgt Ion: 98 Resp: 168757
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

