

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036146.D
 Acq On : 13 Jun 2023 16:02
 Operator : JC/MD
 Sample : 03173-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-74-79-061223

Quant Time: Jun 14 00:56:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	199046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	320439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	120093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154779	47.886	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.780%		
35) Dibromofluoromethane	5.379	113	101083	46.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.800%		
50) Toluene-d8	8.647	98	379222	49.026	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	144237	47.237	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.480%		
Target Compounds					Qvalue	
4) Vinyl Chloride	1.374	62	723	0.310	ug/l	90
12) 1,1-Dichloroethene	2.319	96	63959	32.029	ug/l	98
16) Acetone	2.392	43	4189	3.141	ug/l	99
20) Methylene Chloride	2.794	84	1261	0.491	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	12876	5.641	ug/l	99
24) 1,1-Dichloroethane	3.611	63	11322	2.557	ug/l	96
25) 2-Butanone	4.593	43	1614	0.846	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	97821	35.705	ug/l	91
40) Benzene	6.038	78	3058	0.355	ug/l	96
42) 1,2-Dichloroethane	6.086	62	6586	1.928	ug/l	96
44) Trichloroethene	7.129	130	59630	26.652	ug/l	99
49) 1,4-Dioxane	7.708	88	1810m	30.624	ug/l	

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

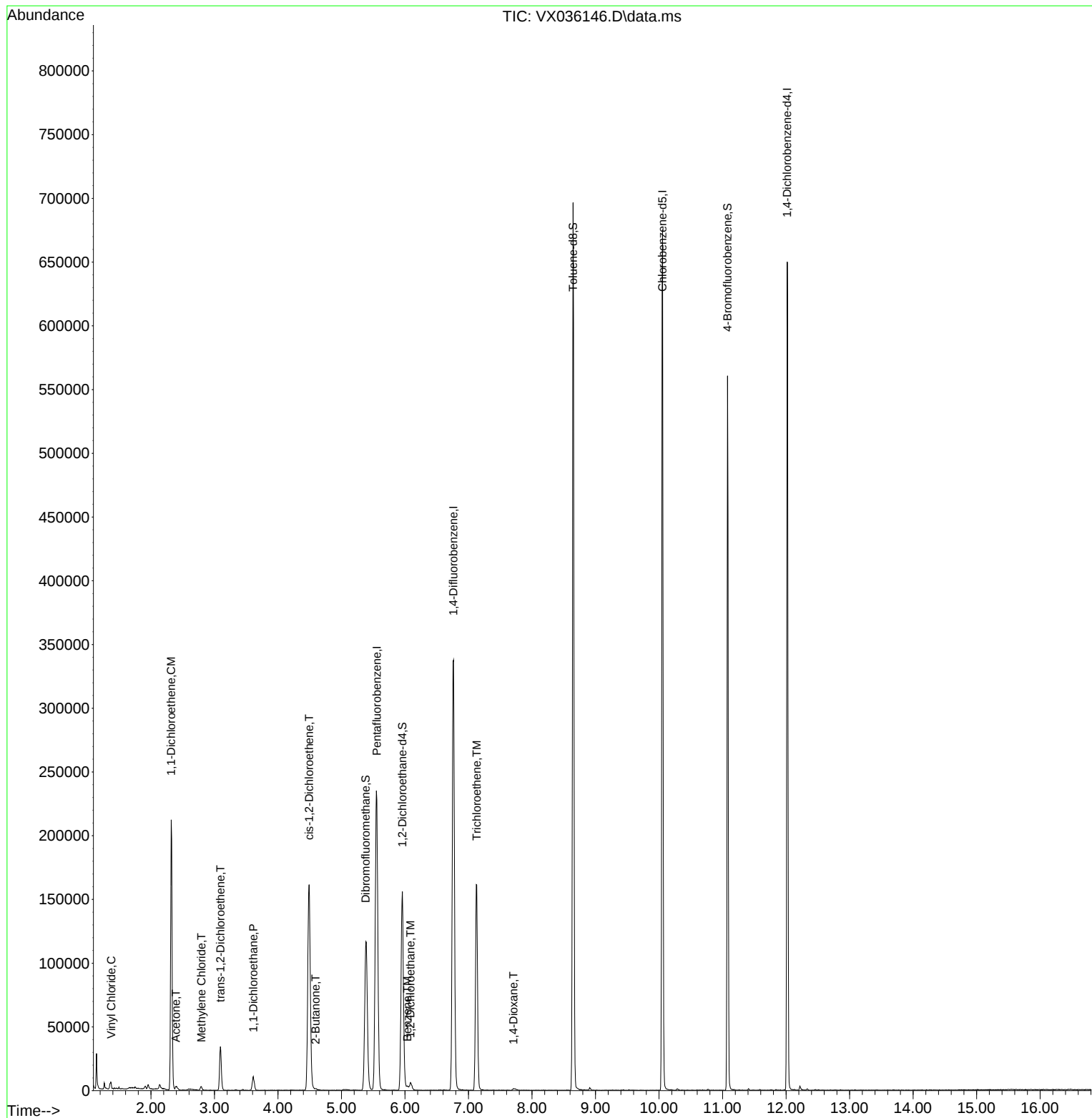
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
Data File : VX036146.D
Acq On : 13 Jun 2023 16:02
Operator : JC/MD
Sample : 03173-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

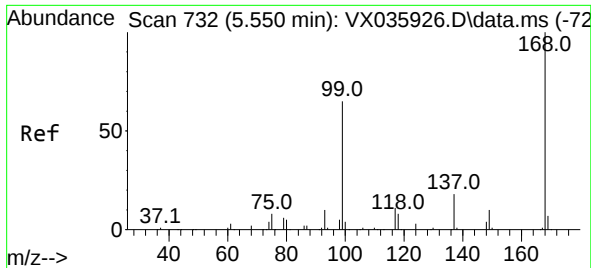
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223

Quant Time: Jun 14 00:56:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

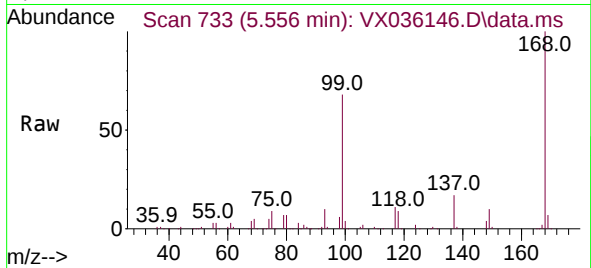
Reviewed By : John Carlone 06/14/2023
Supervised By : Mahesh Dadoda 06/14/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

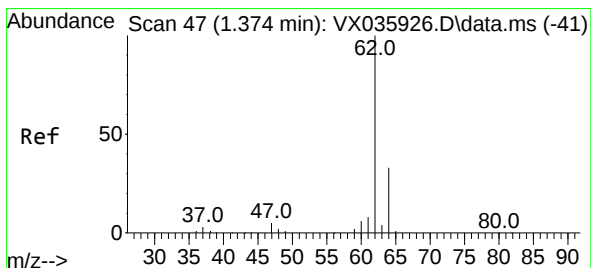
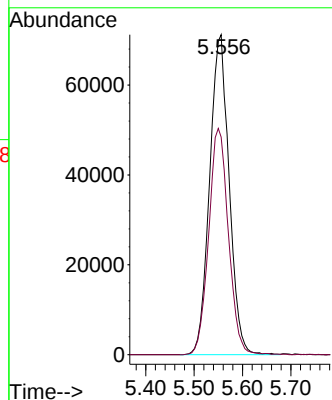
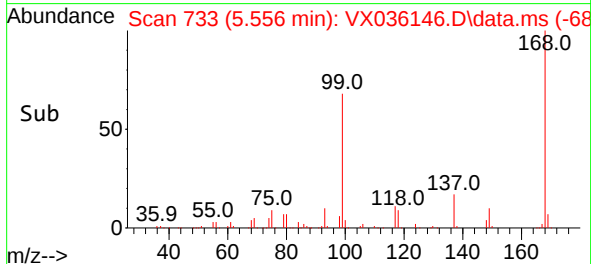
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion:168 Resp: 19904
Ion Ratio Lower Upper
168 100
99 68.0 57.0 85.6

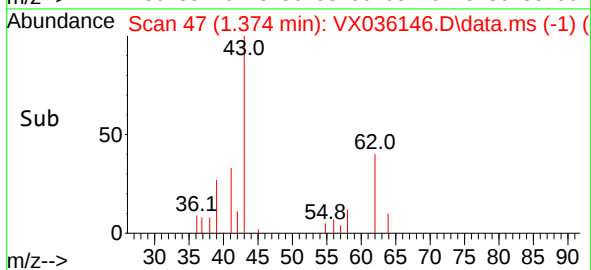
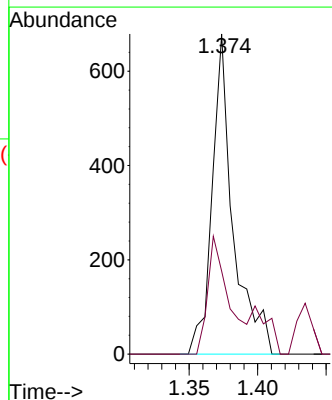
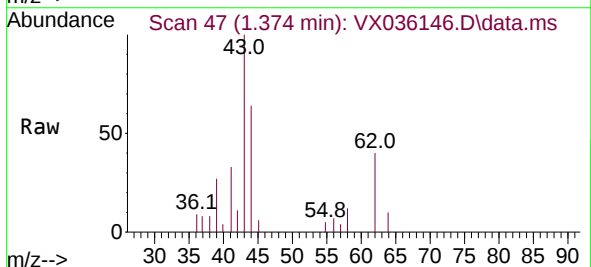
Manual Integrations
APPROVED

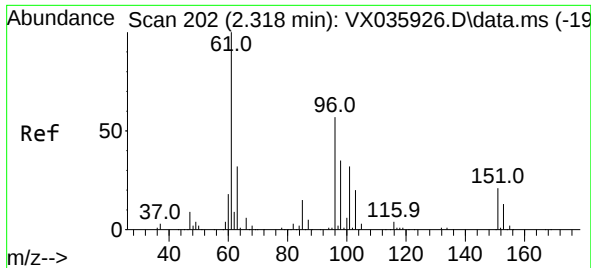
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#4
Vinyl Chloride
Concen: 0.310 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

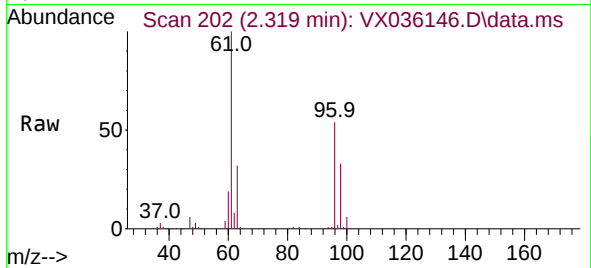
Tgt Ion: 62 Resp: 723
Ion Ratio Lower Upper
62 100
64 25.9 25.2 37.8





#12
1,1-Dichloroethene
Concen: 32.029 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

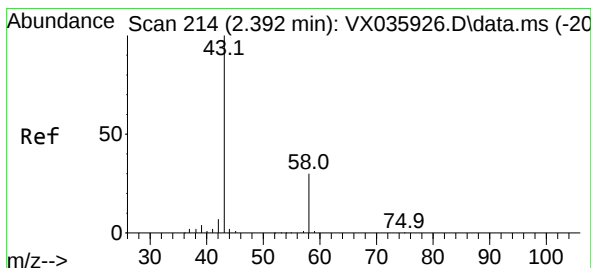
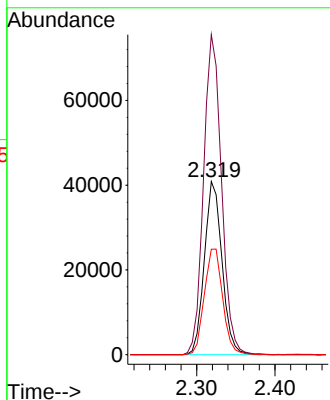
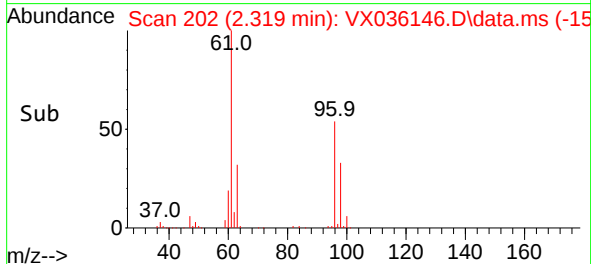
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion: 96 Resp: 6395
Ion Ratio Lower Upper
96 100
61 184.9 145.2 217.8
98 60.9 49.3 73.9

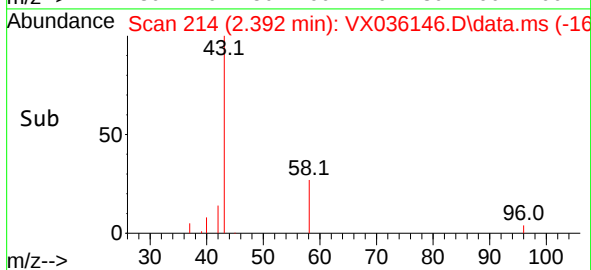
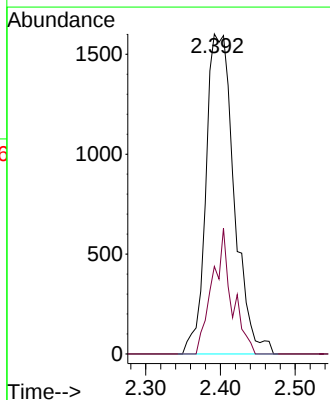
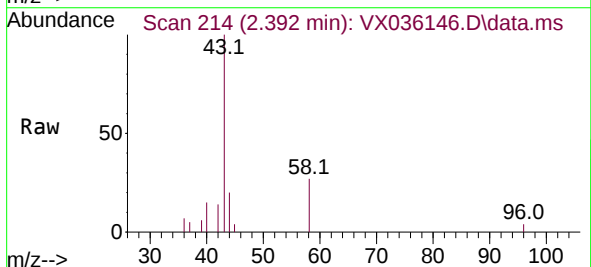
Manual Integrations
APPROVED

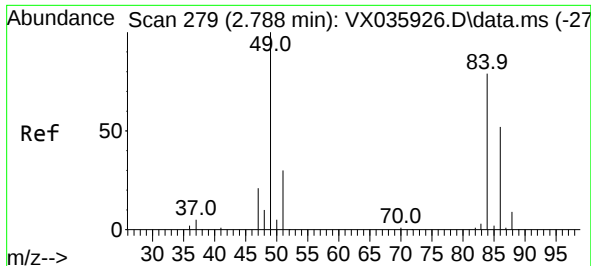
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#16
Acetone
Concen: 3.141 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.001 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

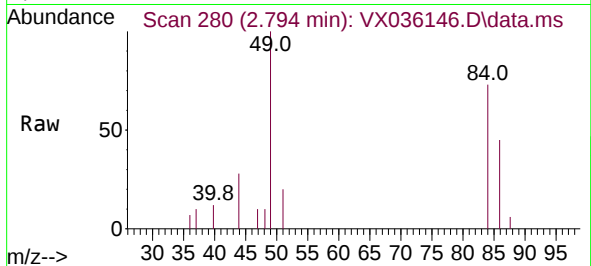
Tgt Ion: 43 Resp: 4189
Ion Ratio Lower Upper
43 100
58 27.3 22.2 33.2





#20
Methylene Chloride
Concen: 0.491 ug/l
RT: 2.794 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

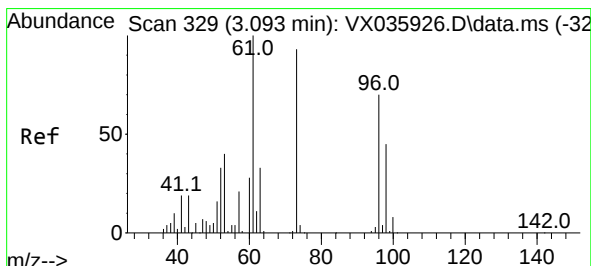
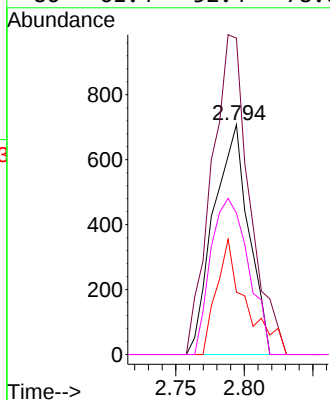
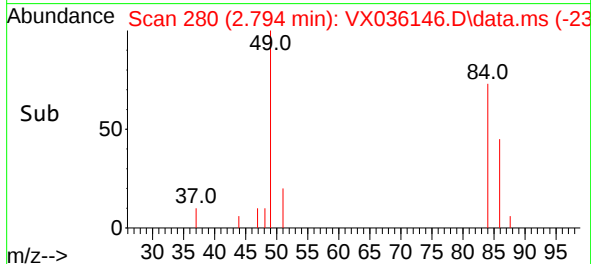
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion: 84 Resp: 126
Ion Ratio Lower Upper
84 100
49 137.6 104.6 156.8
51 27.1 32.2 48.4
86 61.4 52.4 78.6

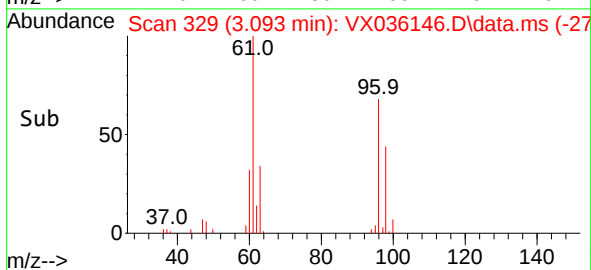
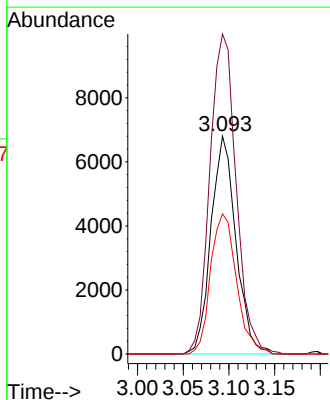
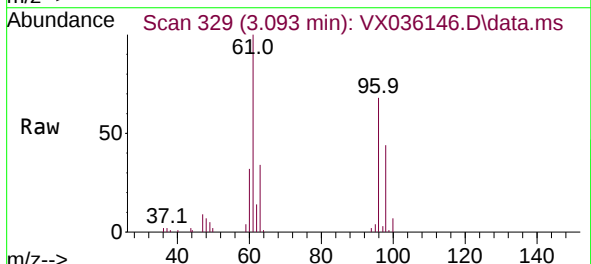
Manual Integrations
APPROVED

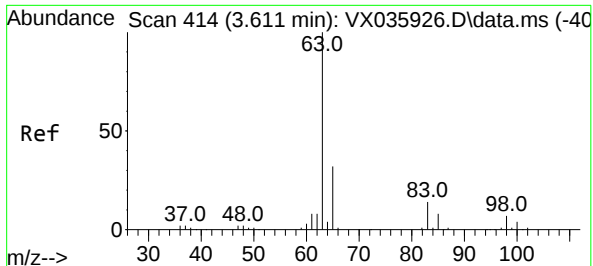
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#21
trans-1,2-Dichloroethene
Concen: 5.641 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.007 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

Tgt Ion: 96 Resp: 12876
Ion Ratio Lower Upper
96 100
61 146.9 118.2 177.4
98 64.3 50.6 75.8





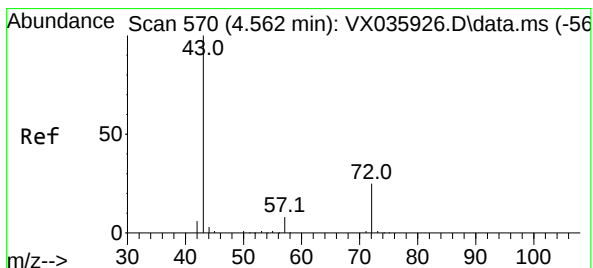
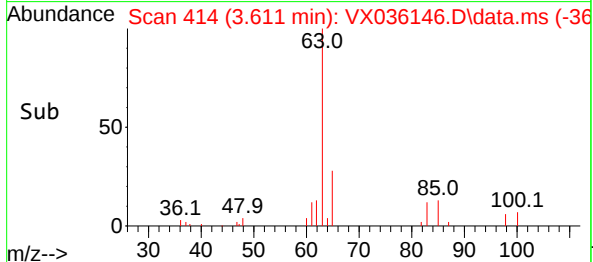
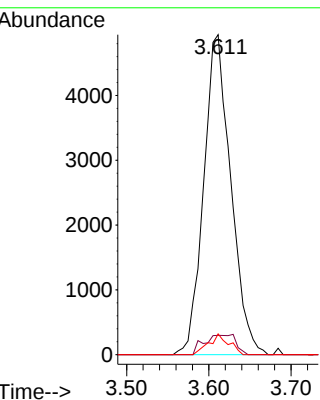
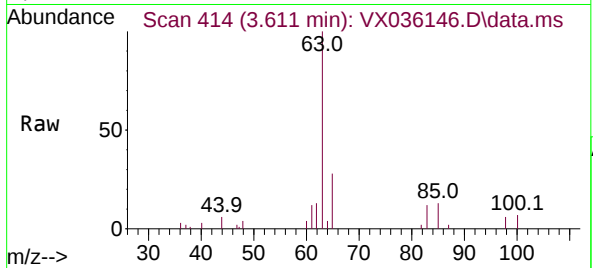
#24
1,1-Dichloroethane
Concen: 2.557 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223

Tgt Ion: 63 Resp: 1132
Ion Ratio Lower Upper
63 100
98 6.1 3.5 10.5
100 6.5 2.3 6.9

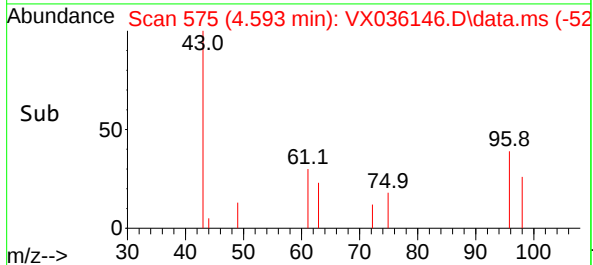
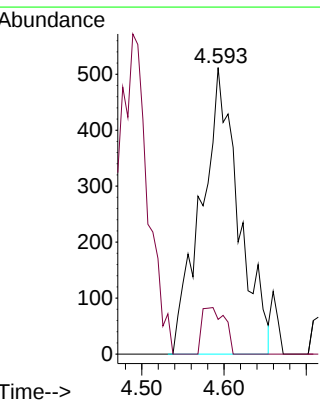
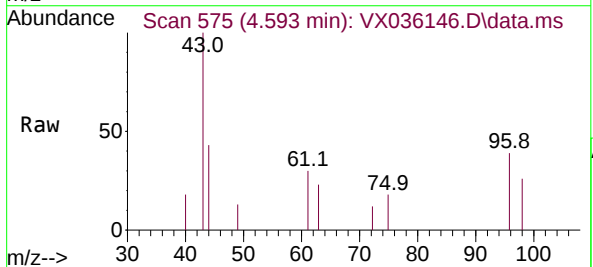
Manual Integrations
APPROVED

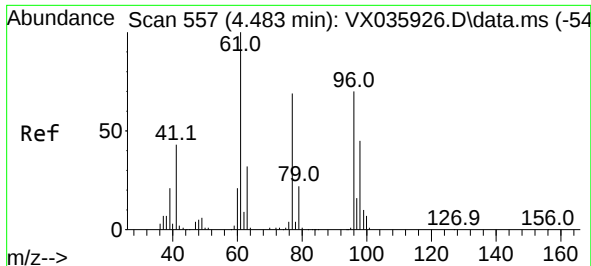
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#25
2-Butanone
Concen: 0.846 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
72 12.1 19.4 29.2#





#27

cis-1,2-Dichloroethene

Concen: 35.705 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036146.D

Acq: 13 Jun 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223

Tgt Ion: 96 Resp: 9782

Ion Ratio Lower Upper

96 100

61 140.9 0.0 312.6

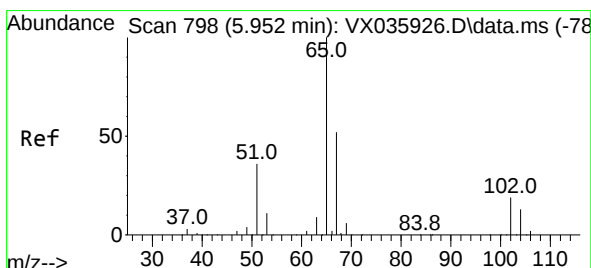
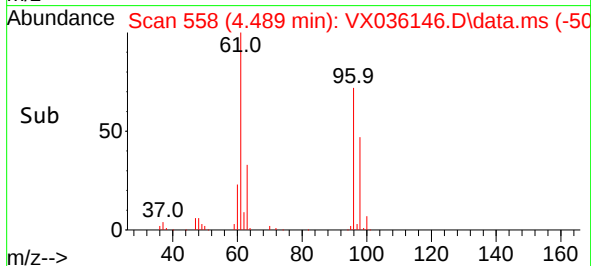
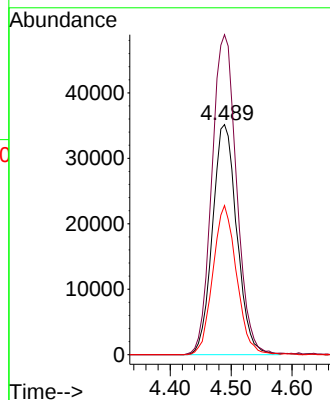
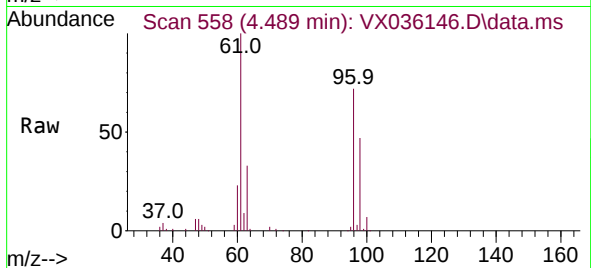
98 62.9 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#33

1,2-Dichloroethane-d4

Concen: 47.886 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX036146.D

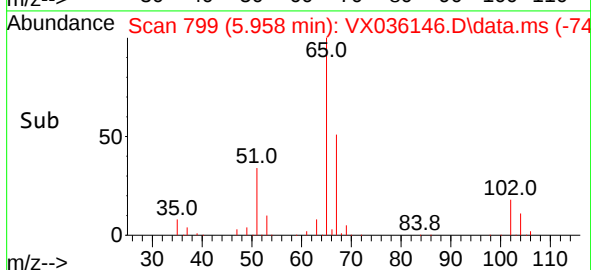
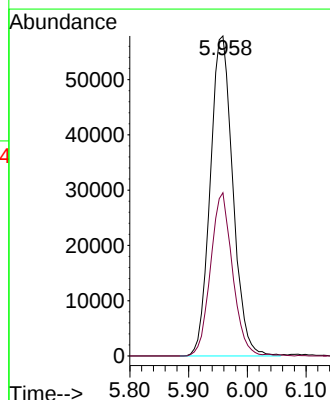
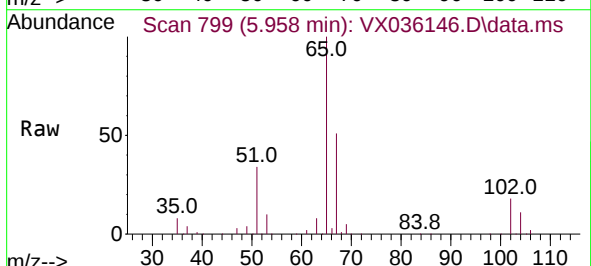
Acq: 13 Jun 2023 16:02

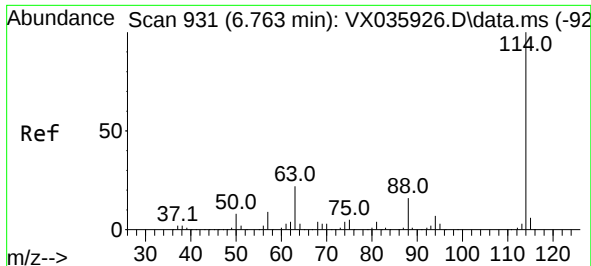
Tgt Ion: 65 Resp: 154779

Ion Ratio Lower Upper

65 100

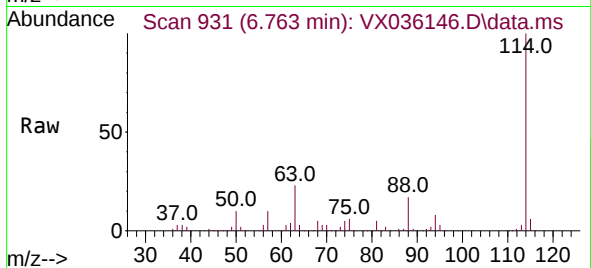
67 49.7 0.0 99.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

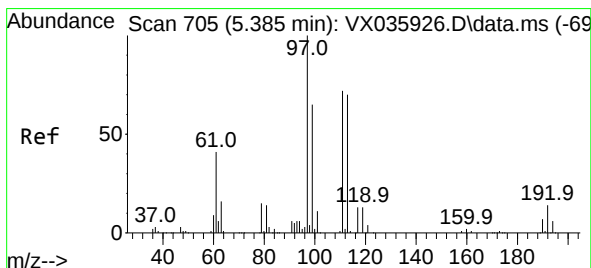
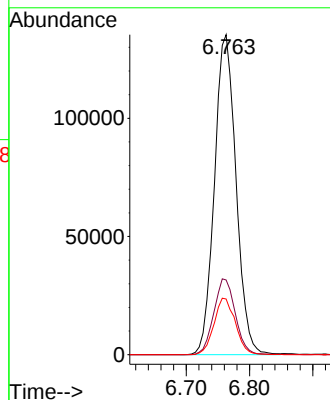
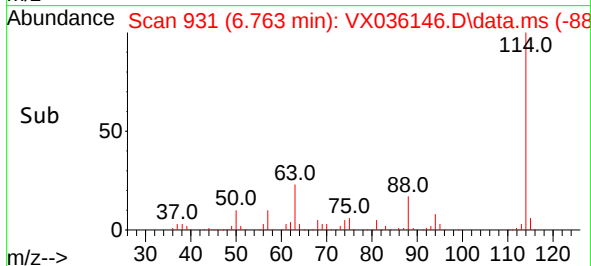
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion:114 Resp: 320439
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.0
88 17.4 0.0 35.2

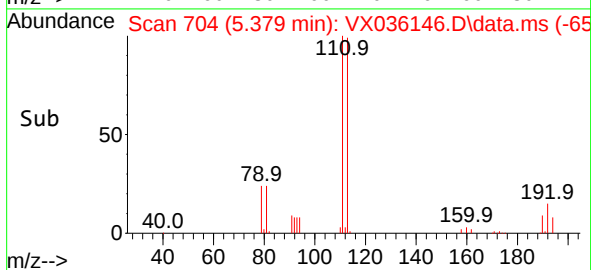
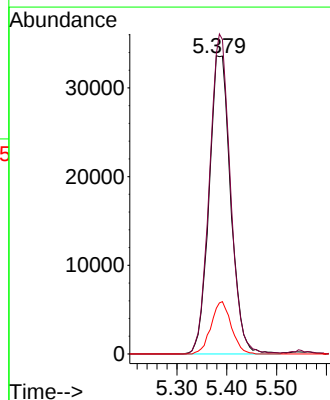
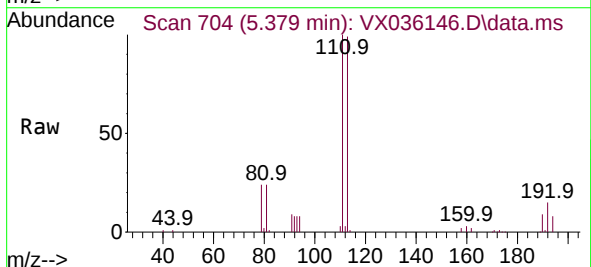
Manual Integrations
APPROVED

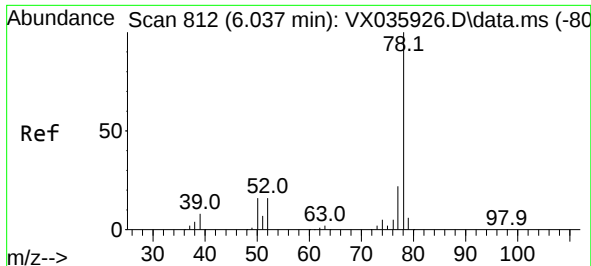
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#35
Dibromofluoromethane
Concen: 46.901 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

Tgt Ion:113 Resp: 101083
Ion Ratio Lower Upper
113 100
111 104.1 81.7 122.5
192 16.4 13.5 20.3





#40

Benzene

Concen: 0.355 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX036146.D

Acq: 13 Jun 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223

Tgt Ion: 78 Resp: 3058

Ion Ratio Lower Upper

78 100

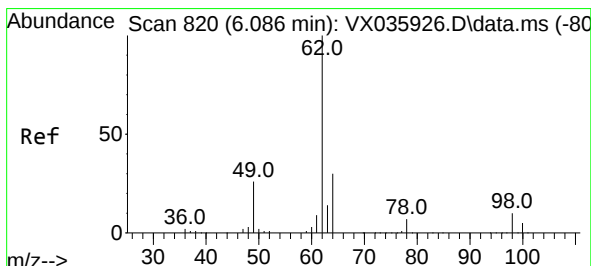
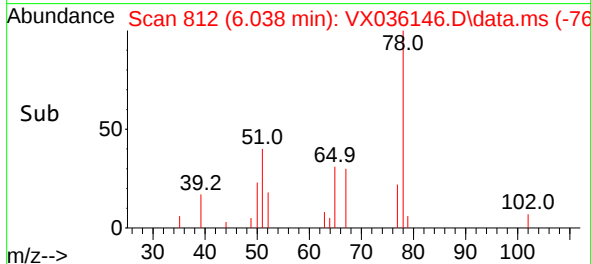
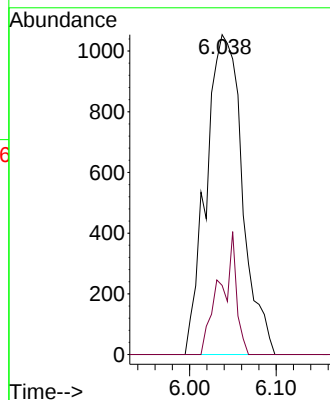
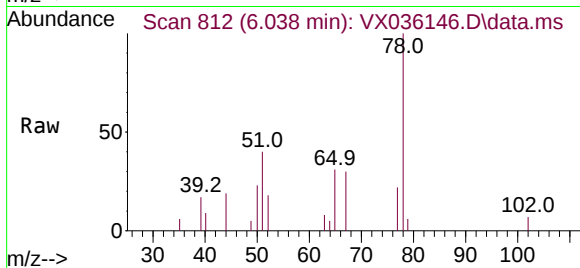
77 21.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#42

1,2-Dichloroethane

Concen: 1.928 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036146.D

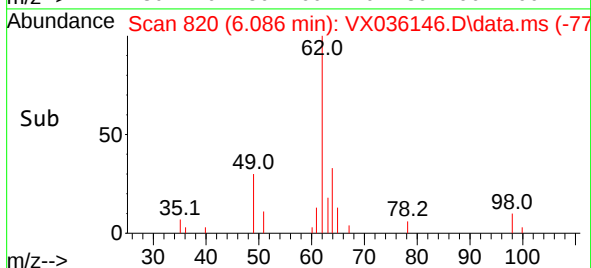
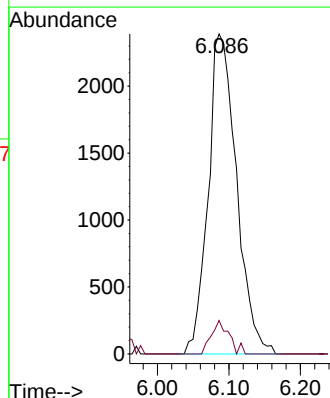
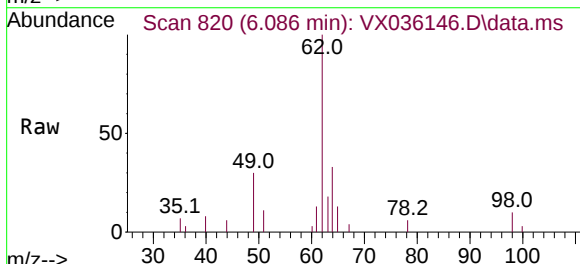
Acq: 13 Jun 2023 16:02

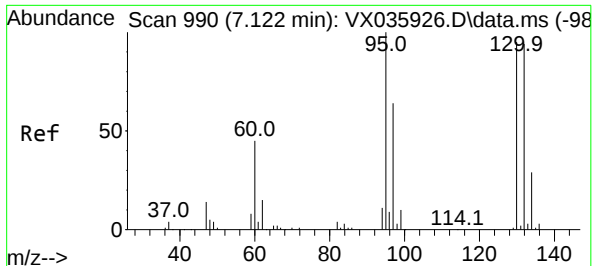
Tgt Ion: 62 Resp: 6586

Ion Ratio Lower Upper

62 100

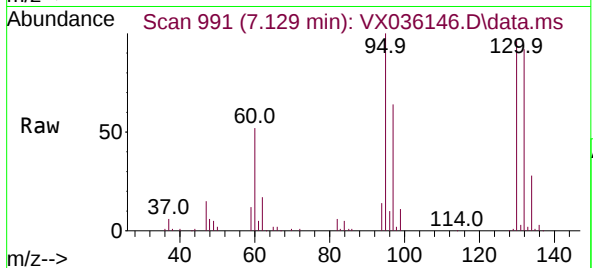
98 6.5 0.0 16.0





#44
Trichloroethene
Concen: 26.652 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.007 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

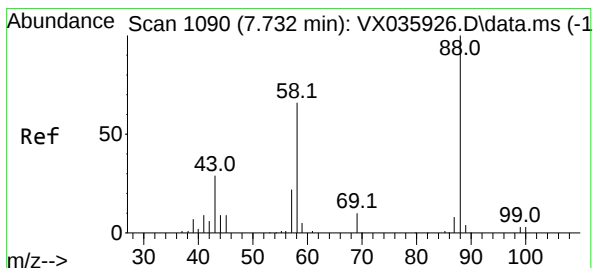
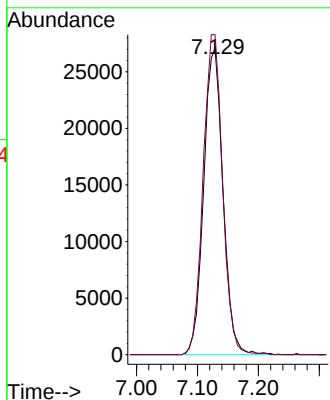
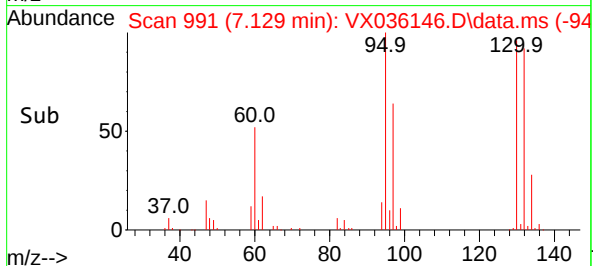
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion:130 Resp: 59630
Ion Ratio Lower Upper
130 100
95 104.3 0.0 207.6

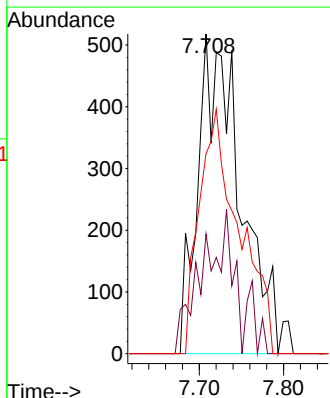
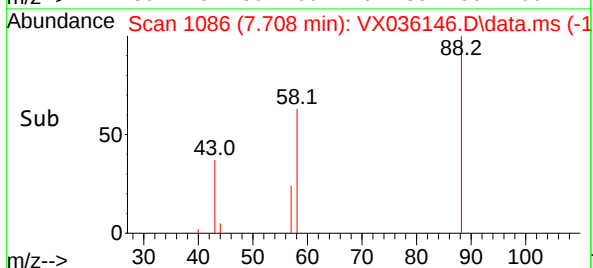
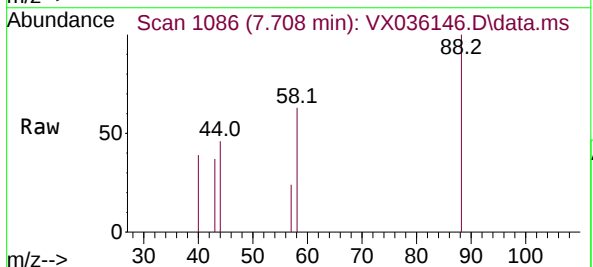
Manual Integrations
APPROVED

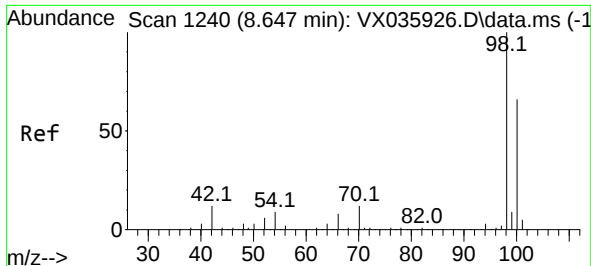
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#49
1,4-Dioxane
Concen: 30.624 ug/l m
RT: 7.708 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

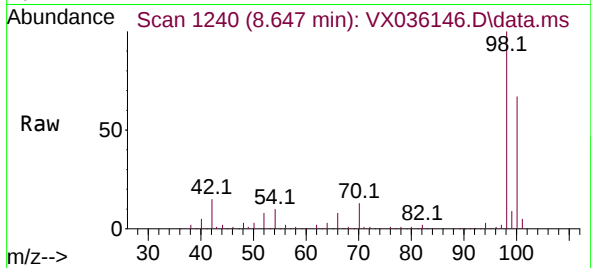
Tgt Ion: 88 Resp: 1810
Ion Ratio Lower Upper
88 100
43 15.9 27.4 41.0#
58 71.9 58.9 88.3





#50
Toluene-d8
Concen: 49.026 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

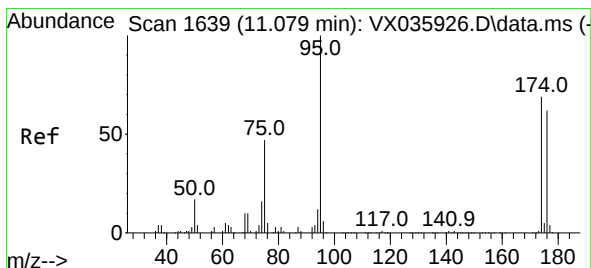
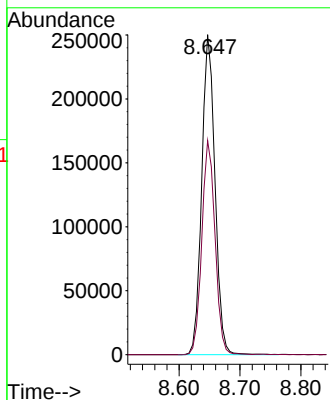
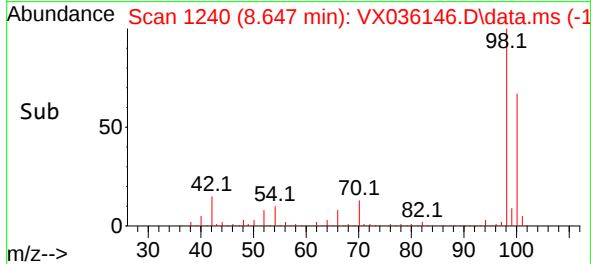
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223



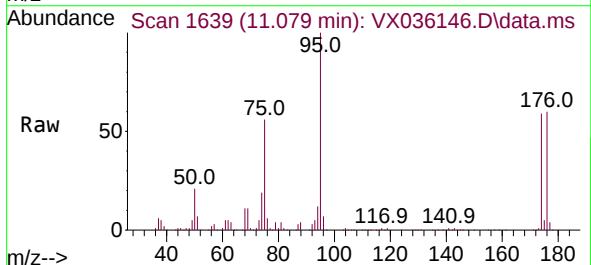
Tgt Ion: 98 Resp: 37922
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0

Manual Integrations
APPROVED

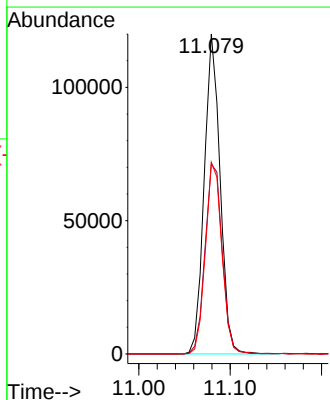
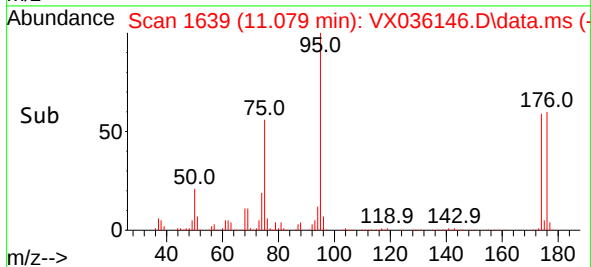
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

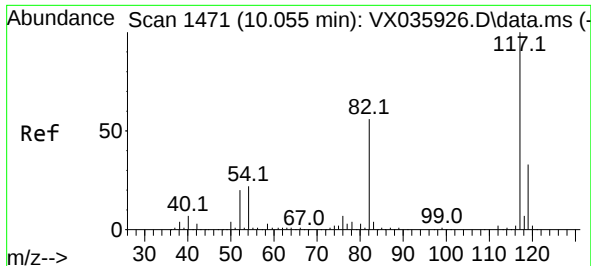


#62
4-Bromofluorobenzene
Concen: 47.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02



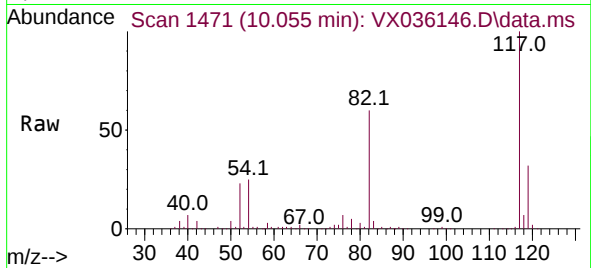
Tgt Ion: 95 Resp: 144237
Ion Ratio Lower Upper
95 100
174 64.4 0.0 132.6
176 62.2 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

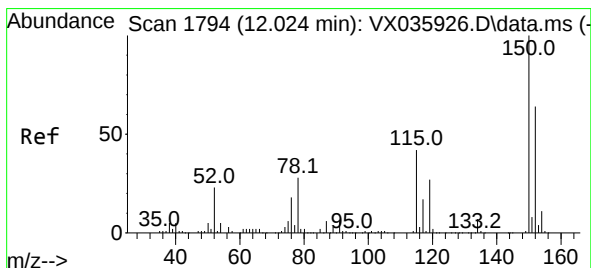
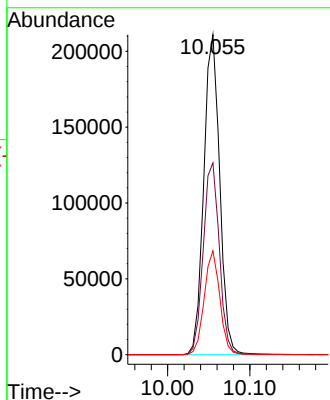
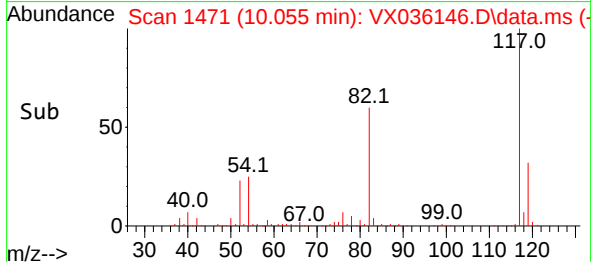
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223



Tgt Ion:117 Resp: 284714
Ion Ratio Lower Upper
117 100
82 60.0 46.6 69.8
119 32.5 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036146.D
Acq: 13 Jun 2023 16:02

Tgt Ion:152 Resp: 120093
Ion Ratio Lower Upper
152 100
115 65.6 45.5 136.5
150 158.6 0.0 345.2

