

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044393.D
 Acq On : 18 Dec 2024 19:05
 Operator : JC/MD
 Sample : P5281-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT189D2-20241213

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 00:52:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	120659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93052	43.985	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.960%		
35) Dibromofluoromethane	5.385	113	69510	46.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.060%		
50) Toluene-d8	8.647	98	258473	50.730	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.460%		
62) 4-Bromofluorobenzene	11.079	95	83335	46.808	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1005	0.539	ug/l	98
3) Chloromethane	1.294	50	963	0.540	ug/l #	83
9) 1,1,2-Trichlorotrifluo...	2.319	101	31525	21.410	ug/l	97
12) 1,1-Dichloroethene	2.313	96	1614	1.193	ug/l #	75
16) Acetone	2.392	43	1671	1.937	ug/l #	74
20) Methylene Chloride	2.782	84	452	0.279	ug/l #	62
27) cis-1,2-Dichloroethene	4.489	96	5069	2.777	ug/l	94
30) Chloroform	5.086	83	1318m	0.415	ug/l	
38) Carbon Tetrachloride	5.678	117	1040	0.495	ug/l #	80
44) Trichloroethene	7.123	130	140111	94.793	ug/l	98
64) Tetrachloroethene	9.275	164	489	0.389	ug/l #	82

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

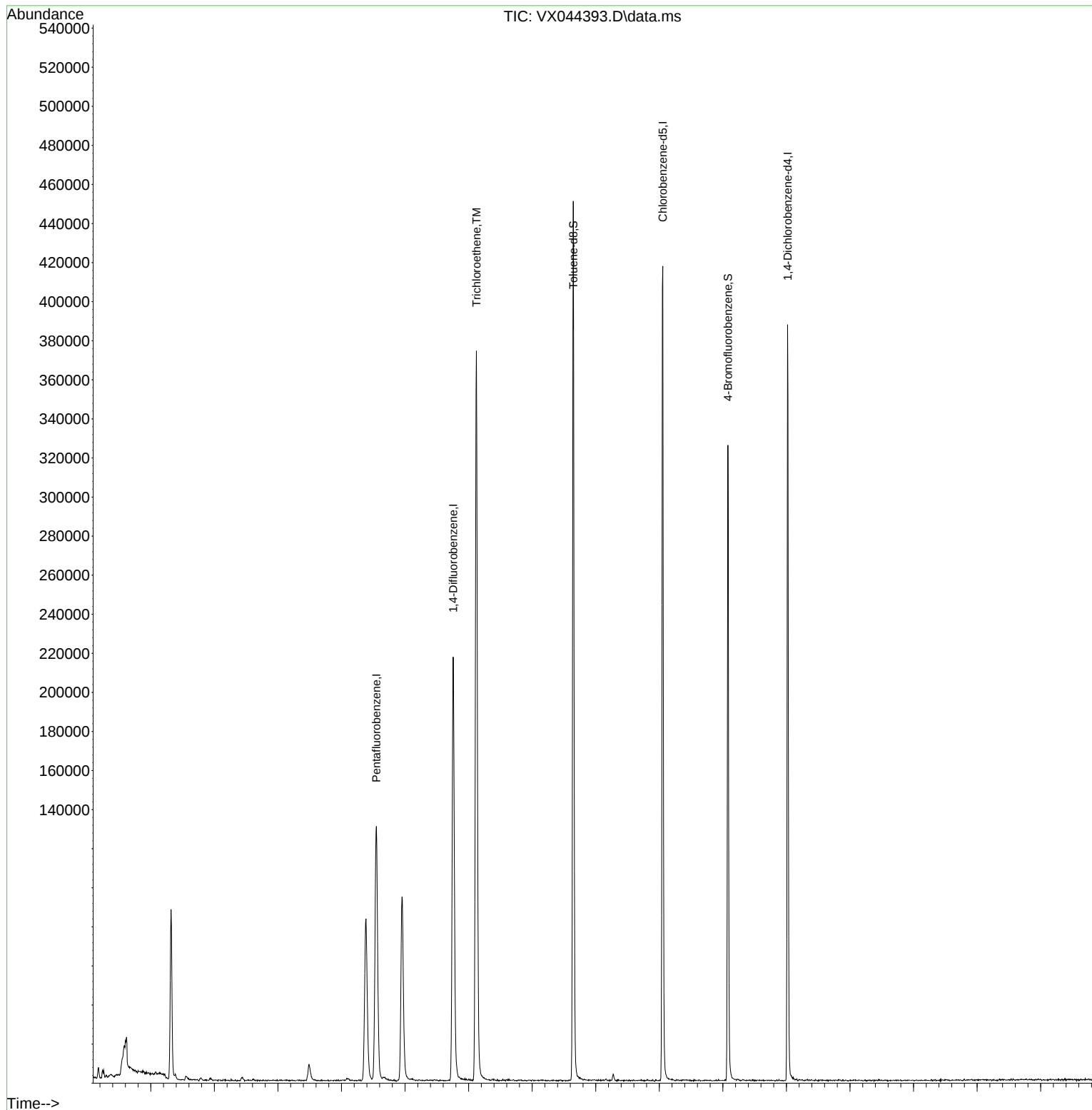
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
Data File : VX044393.D
Acq On : 18 Dec 2024 19:05
Operator : JC/MD
Sample : P5281-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

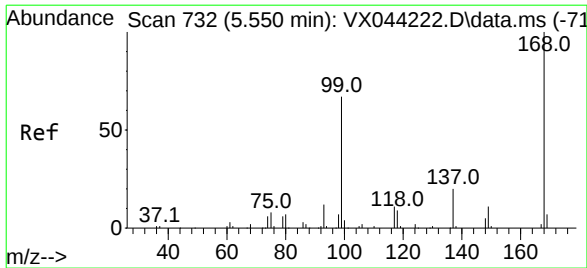
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20241213

Quant Time: Dec 19 00:52:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

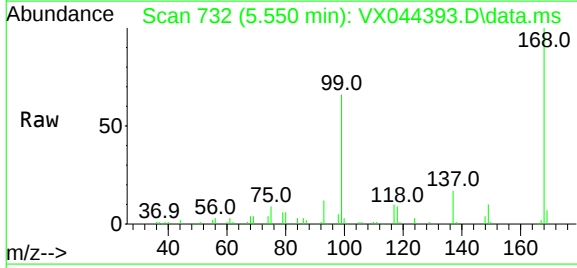
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

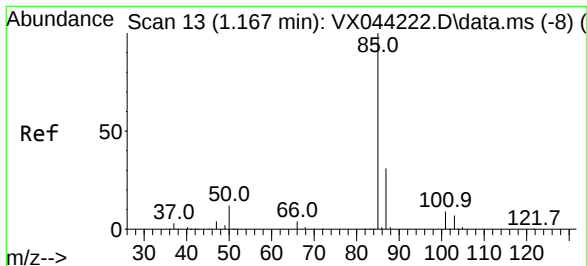
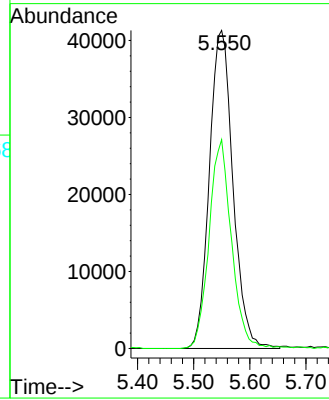
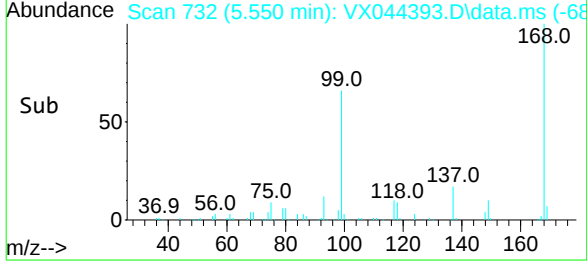
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20241213



Tgt Ion: 168 Resp: 120659
Ion Ratio Lower Upper
168 100
99 65.7 53.4 80.0

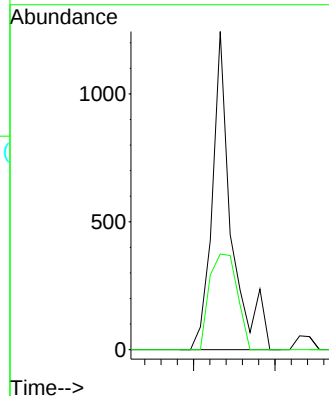
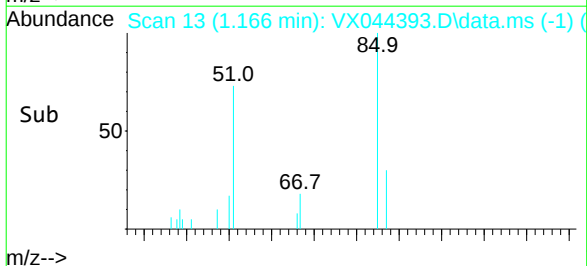
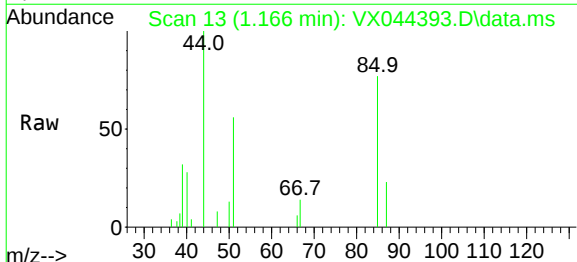
Manual Integrations
APPROVED

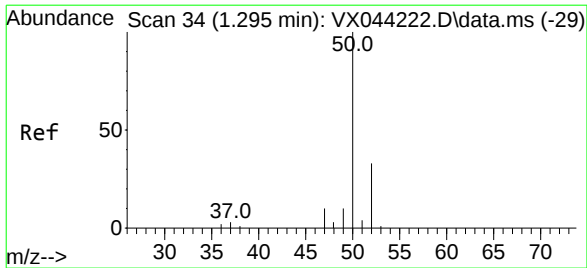
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 0.539 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

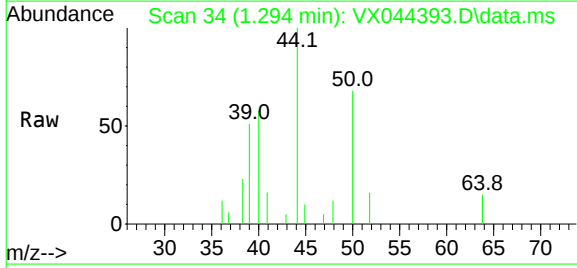
Tgt Ion: 85 Resp: 1005
Ion Ratio Lower Upper
85 100
87 30.1 15.4 46.4





#3
Chloromethane
Concen: 0.540 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

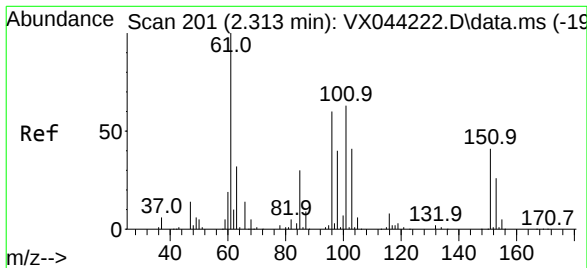
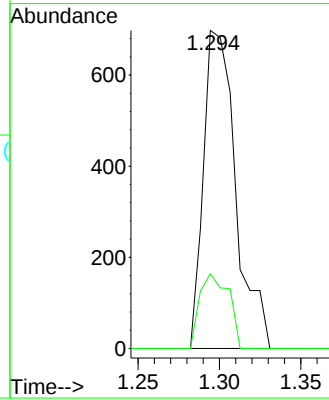
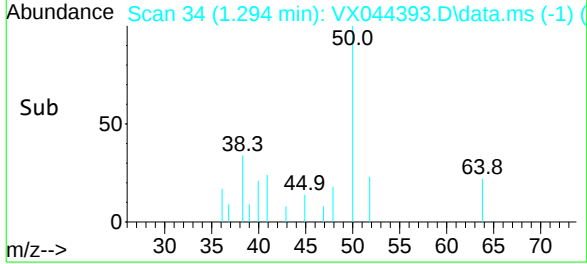
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20241213



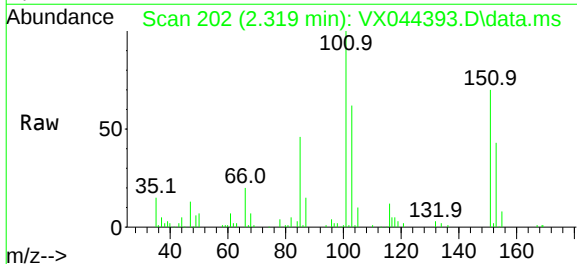
Tgt Ion: 50 Resp: 963
Ion Ratio Lower Upper
50 100
52 23.5 26.5 39.7#

Manual Integrations
APPROVED

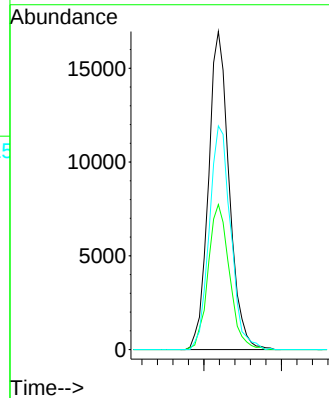
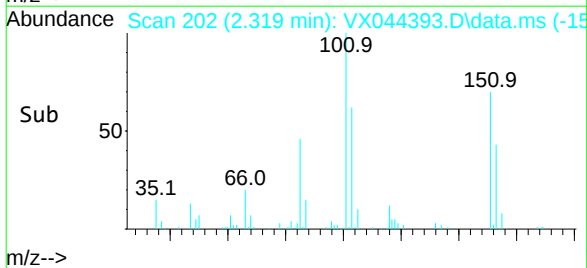
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

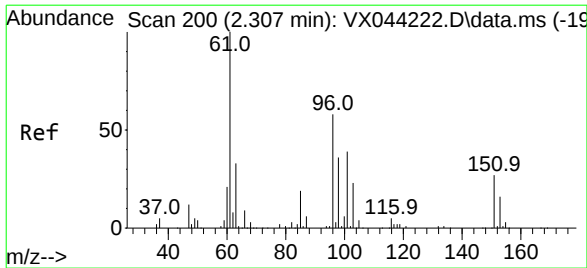


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.410 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05



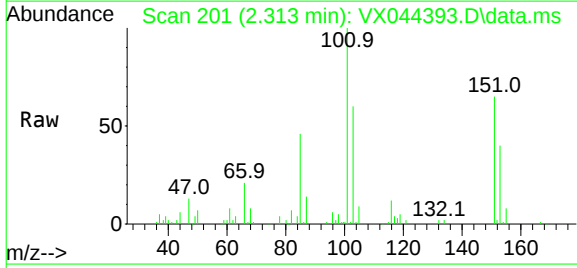
Tgt Ion:101 Resp: 31525
Ion Ratio Lower Upper
101 100
85 46.8 38.5 57.7
151 72.7 55.8 83.6





#12
1,1-Dichloroethene
Concen: 1.193 ug/l
RT: 2.313 min Scan# 200
Delta R.T. 0.006 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

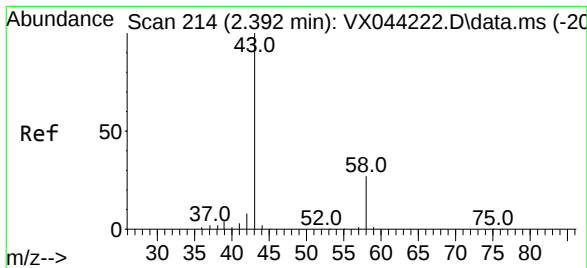
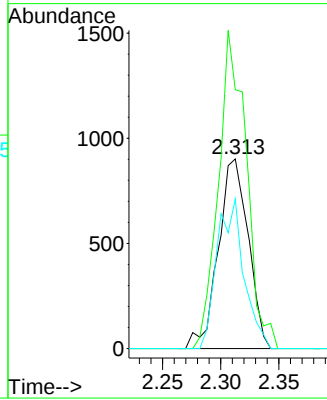
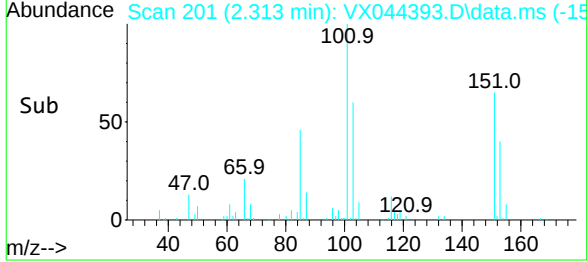
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20241213



Tgt Ion: 96 Resp: 1614
Ion Ratio Lower Upper
96 100
61 136.5 138.0 207.0#
98 78.8 50.0 75.0#

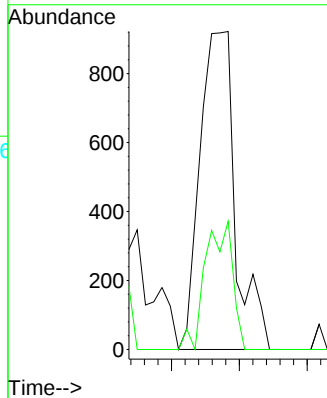
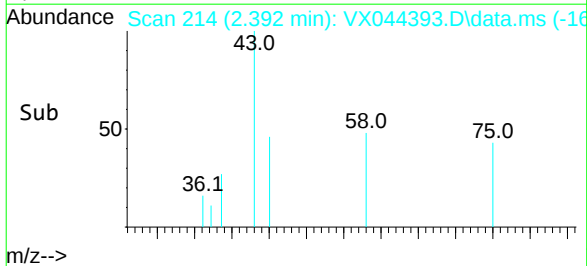
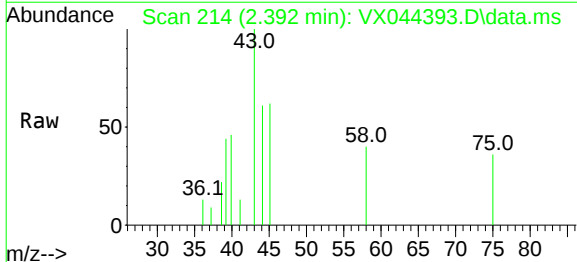
Manual Integrations
APPROVED

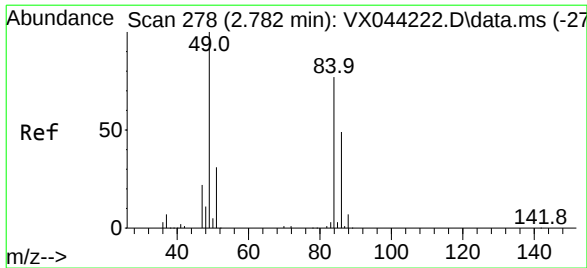
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 1.937 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

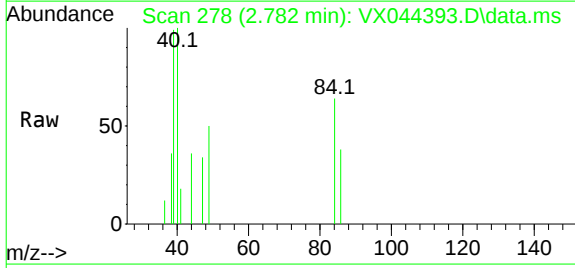
Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 40.3 21.6 32.4#





#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.782 min Scan# 27
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

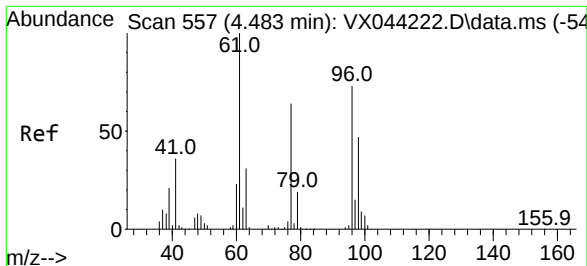
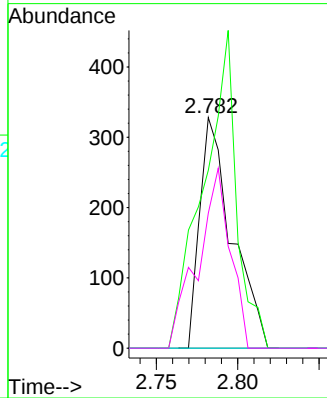
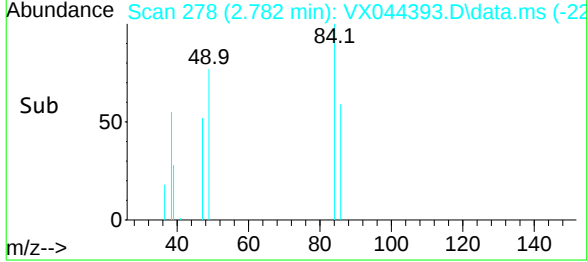
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20241213



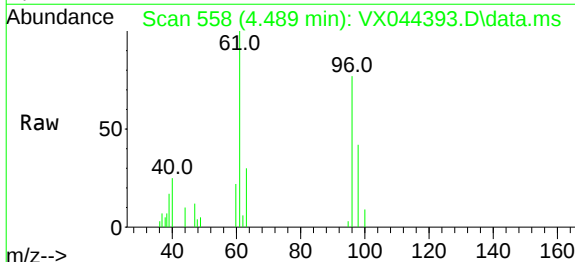
Tgt Ion: 84 Resp: 452
Ion Ratio Lower Upper
84 100
49 77.1 104.2 156.4#
51 0.0 32.2 48.4#
86 58.5 50.9 76.3

Manual Integrations
APPROVED

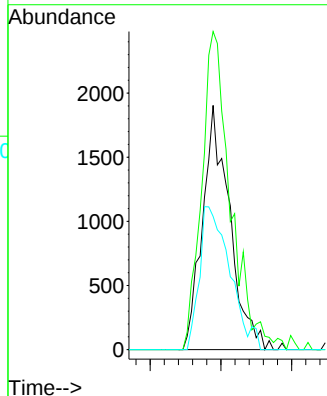
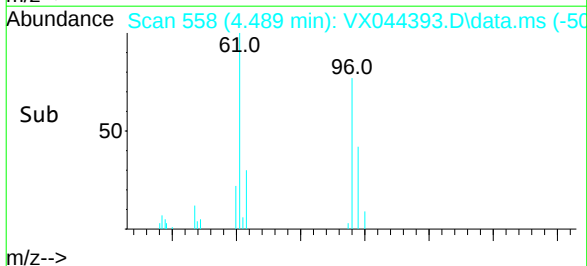
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

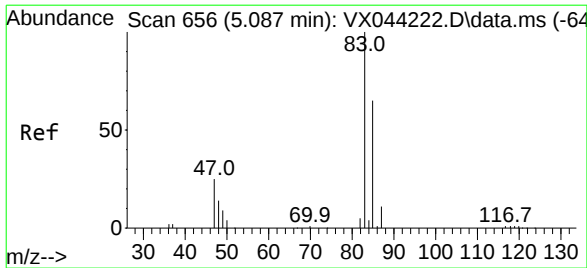


#27
cis-1,2-Dichloroethene
Concen: 2.777 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05



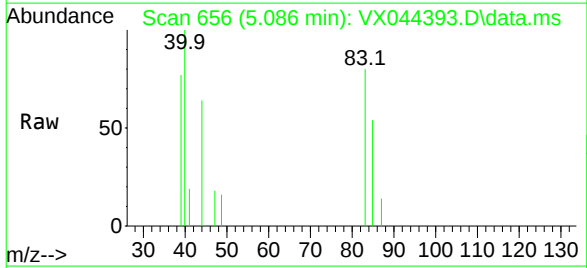
Tgt Ion: 96 Resp: 5069
Ion Ratio Lower Upper
96 100
61 139.2 0.0 299.0
98 65.8 0.0 129.0





#30
Chloroform
Concen: 0.415 ug/l m
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

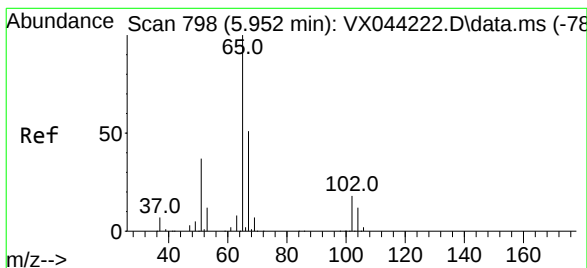
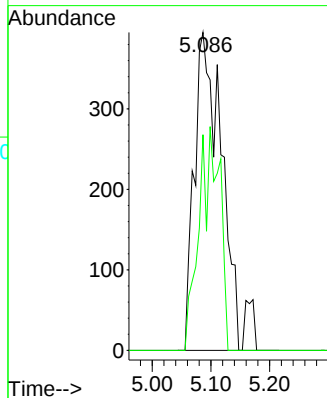
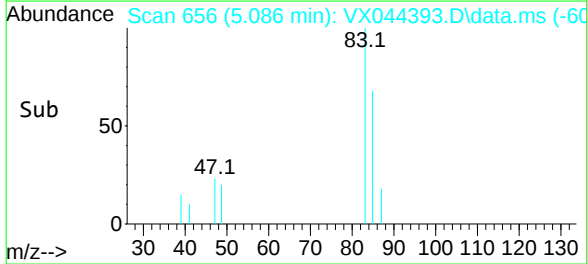
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20241213



Tgt Ion: 83 Resp: 1318
Ion Ratio Lower Upper
83 100
85 67.8 51.6 77.4

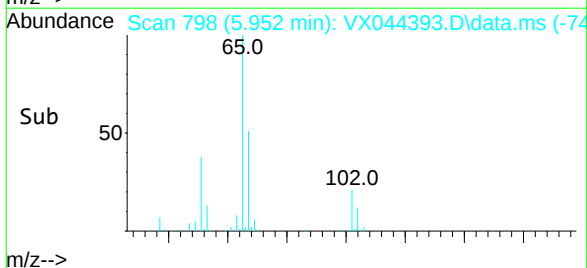
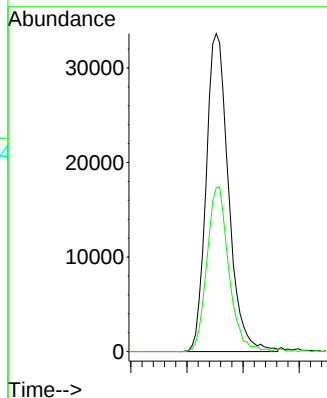
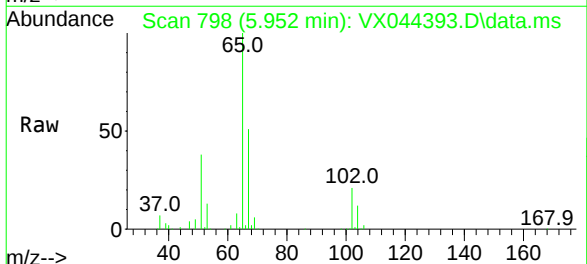
Manual Integrations
APPROVED

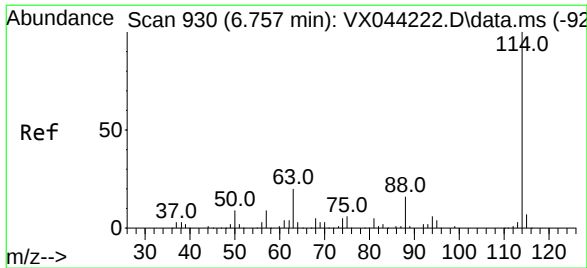
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#33
1,2-Dichloroethane-d4
Concen: 43.985 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

Tgt Ion: 65 Resp: 93052
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.6





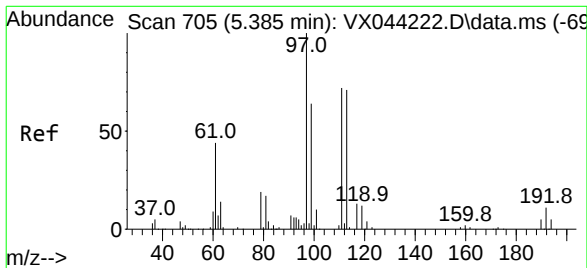
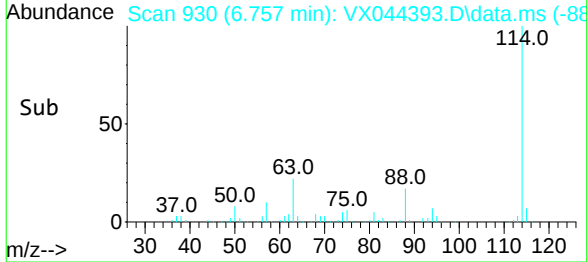
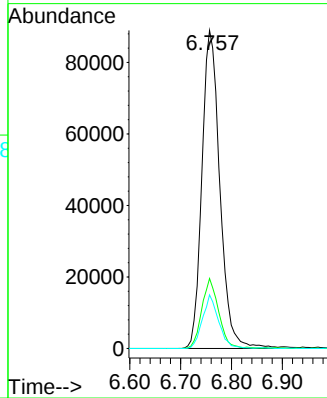
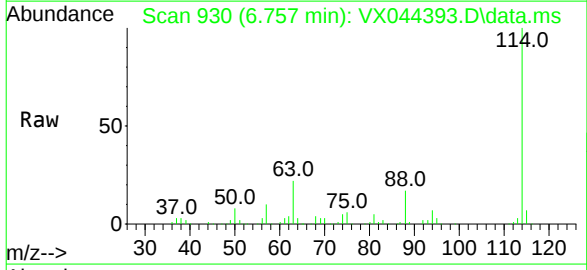
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20241213

Tgt Ion:	114	Resp:	218055
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	40.6
88	16.9	0.0	31.8

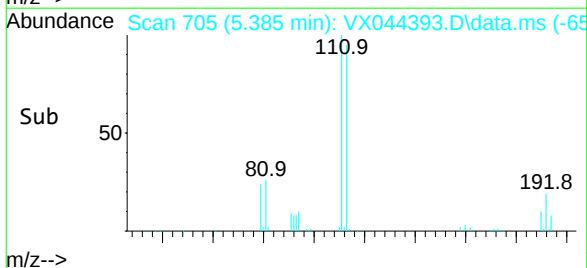
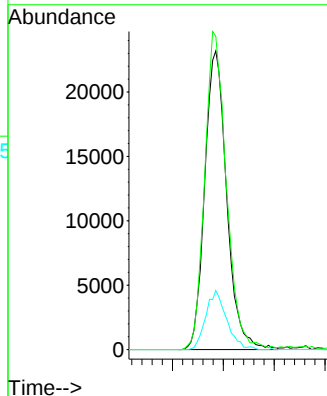
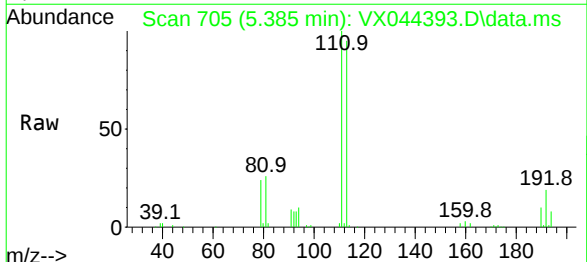
Manual Integrations
APPROVED

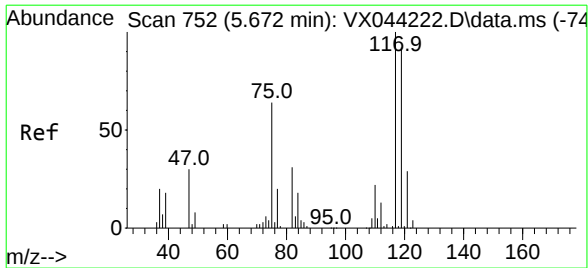
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#35
Dibromofluoromethane
Concen: 46.026 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

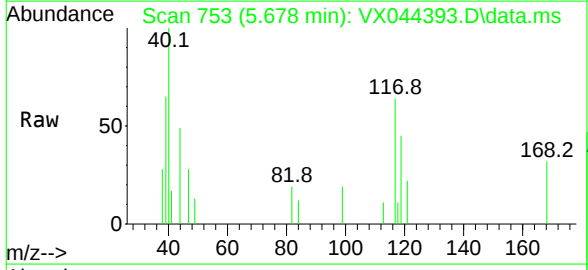
Tgt Ion:	113	Resp:	69510
Ion Ratio	Lower	Upper	
113	100		
111	105.0	80.4	120.6
192	18.8	13.3	19.9





#38
Carbon Tetrachloride
Concen: 0.495 ug/l
RT: 5.678 min Scan# 75
Delta R.T. 0.006 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

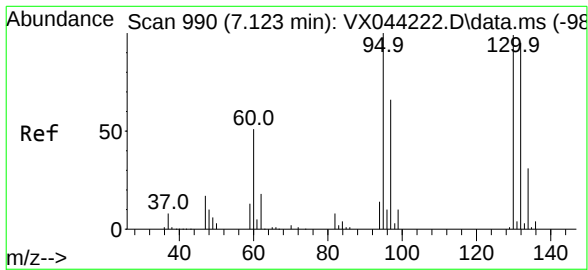
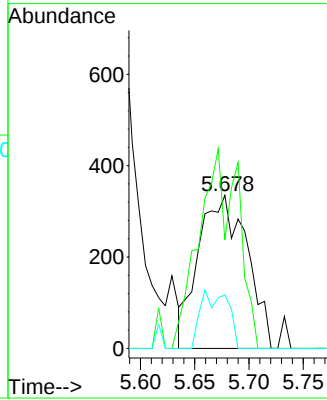
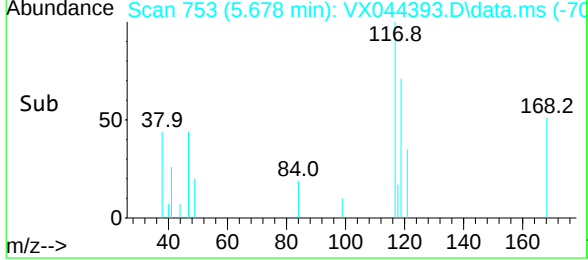
Instrument :
MSVOA_X
ClientSampleId :
TT189D2-20241213



Tgt Ion:117 Resp: 1040
Ion Ratio Lower Upper
117 100
119 71.0 74.2 111.4#
121 34.9 23.0 34.6#

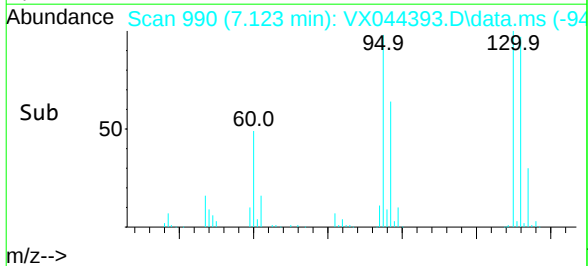
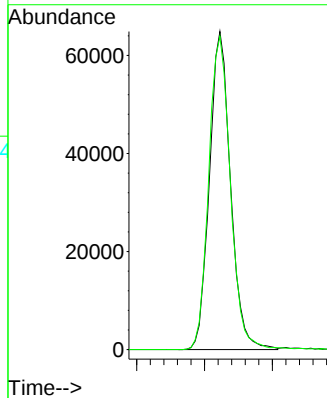
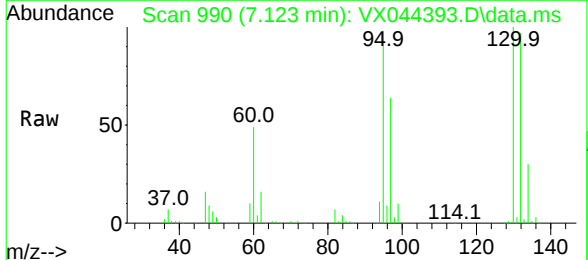
Manual Integrations
APPROVED

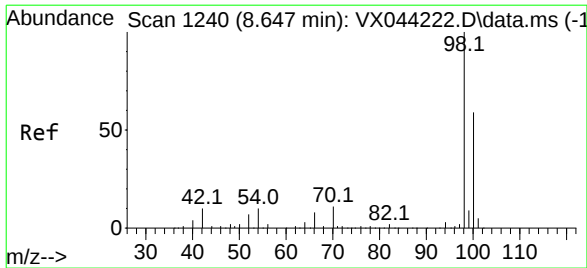
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
Trichloroethene
Concen: 94.793 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

Tgt Ion:130 Resp: 140111
Ion Ratio Lower Upper
130 100
95 98.5 0.0 201.4





#50

Toluene-d8

Concen: 50.730 ug/l

RT: 8.647 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044393.D

Acq: 18 Dec 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

TT189D2-20241213

Tgt Ion: 98 Resp: 258473

Ion Ratio Lower Upper

98 100

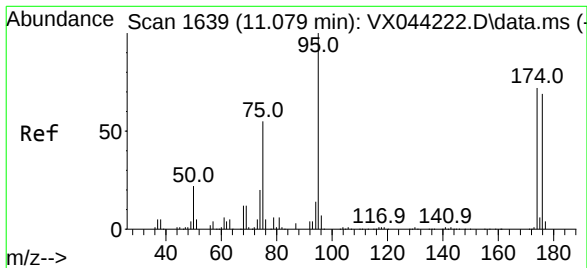
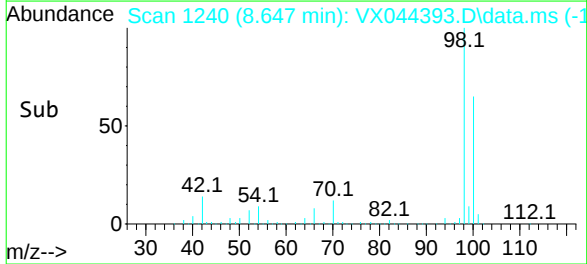
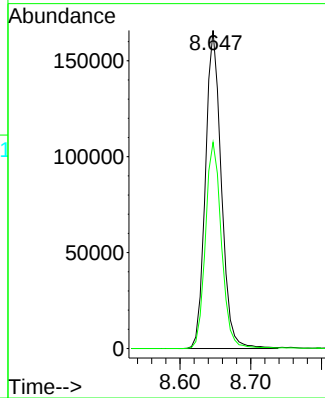
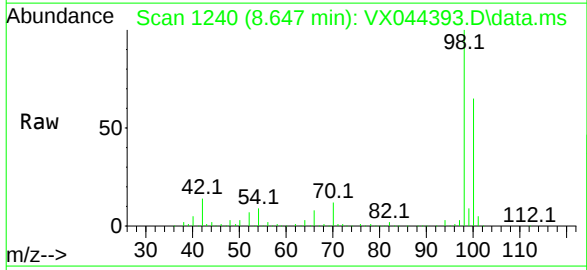
100 65.3 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#62

4-Bromofluorobenzene

Concen: 46.808 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044393.D

Acq: 18 Dec 2024 19:05

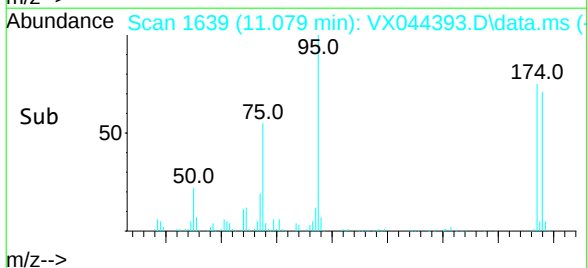
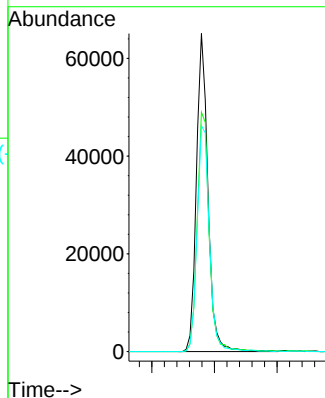
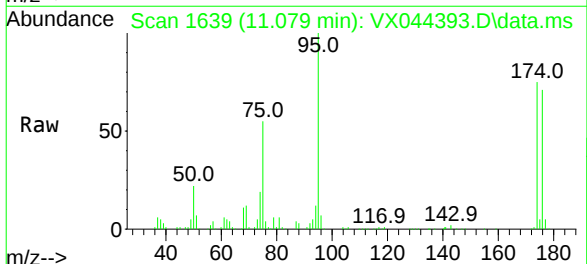
Tgt Ion: 95 Resp: 83335

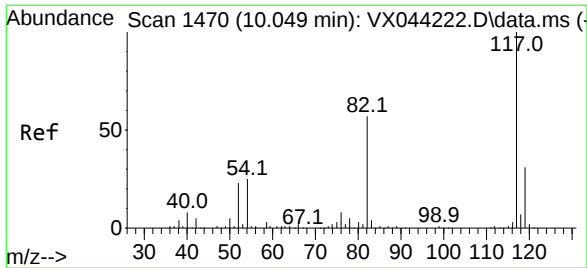
Ion Ratio Lower Upper

95 100

174 78.2 0.0 145.8

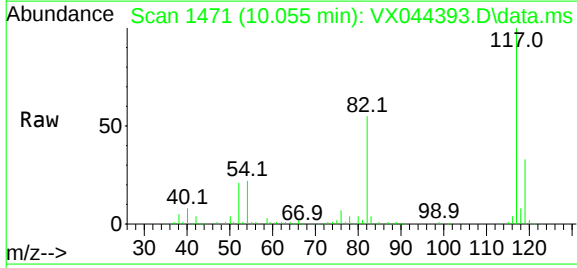
176 75.5 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

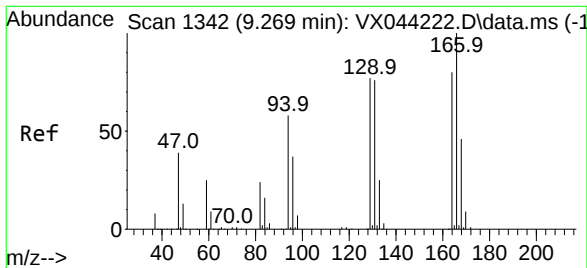
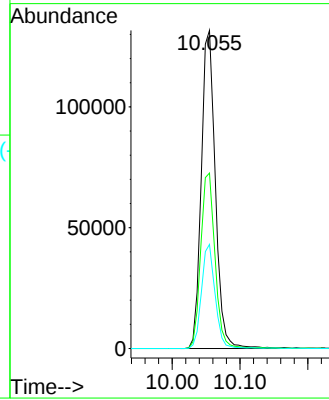
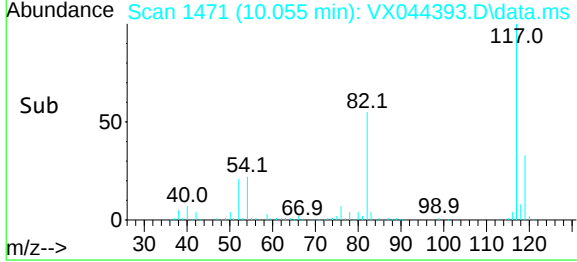
Instrument : MSVOA_X
ClientSampleId : TT189D2-20241213



Tgt Ion:	117	Resp:	189518
Ion Ratio	Lower	Upper	
117	100		
82	55.2	45.8	68.8
119	32.7	25.0	37.4

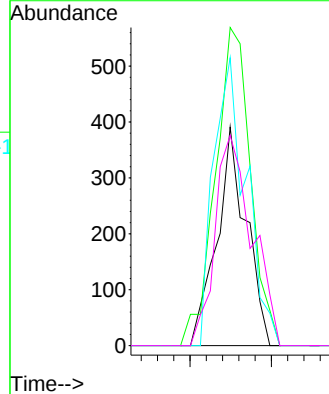
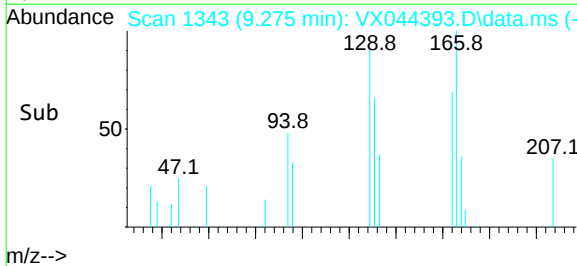
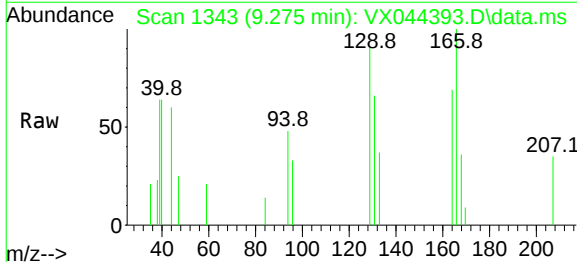
Manual Integrations
APPROVED

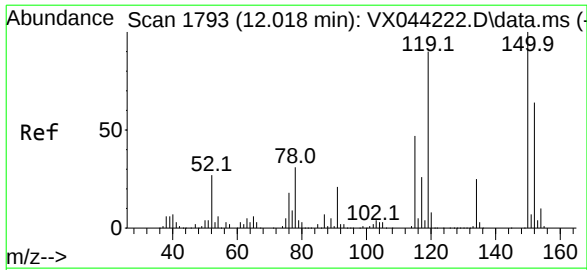
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#64
Tetrachloroethene
Concen: 0.389 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044393.D
Acq: 18 Dec 2024 19:05

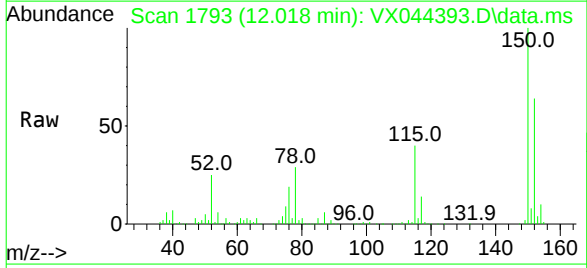
Tgt Ion:	164	Resp:	489
Ion Ratio	Lower	Upper	
164	100		
166	145.5	100.4	150.6
129	131.7	77.2	115.8
131	96.2	76.2	114.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VX044393.D
 Acq: 18 Dec 2024 19:05

Instrument : MSVOA_X
 ClientSampleId : TT189D2-20241213



Tgt Ion:152 Resp: 76676
 Ion Ratio Lower Upper
 152 100
 115 62.0 44.5 133.3
 150 160.7 0.0 353.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

