

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044485.D
 Acq On : 23 Dec 2024 17:09
 Operator : JC/MD
 Sample : P5317-21 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20241217

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 22:13:19 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	5.544	168	144075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	249365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	221444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104514	41.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.740%		
35) Dibromofluoromethane	5.385	113	82534	47.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.580%		
50) Toluene-d8	8.647	98	310298	53.255	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.500%		
62) 4-Bromofluorobenzene	11.079	95	102247	50.220	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.440%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.319	101	1168	0.664	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	625	0.387	ug/l #	84
16) Acetone	2.392	43	547	0.531	ug/l #	81
17) Carbon Disulfide	2.501	76	1291	0.421	ug/l	98
44) Trichloroethene	7.123	130	67143	39.722	ug/l	92
64) Tetrachloroethene	9.268	164	428	0.291	ug/l #	76
88) 1,4-Dichlorobenzene	12.036	146	1120m	0.329	ug/l	
93) 1,2,4-Trichlorobenzene	13.597	180	560	0.297	ug/l	92
95) Naphthalene	13.780	128	2946	0.400	ug/l	95
96) 1,2,3-Trichlorobenzene	13.969	180	720	0.360	ug/l	96

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

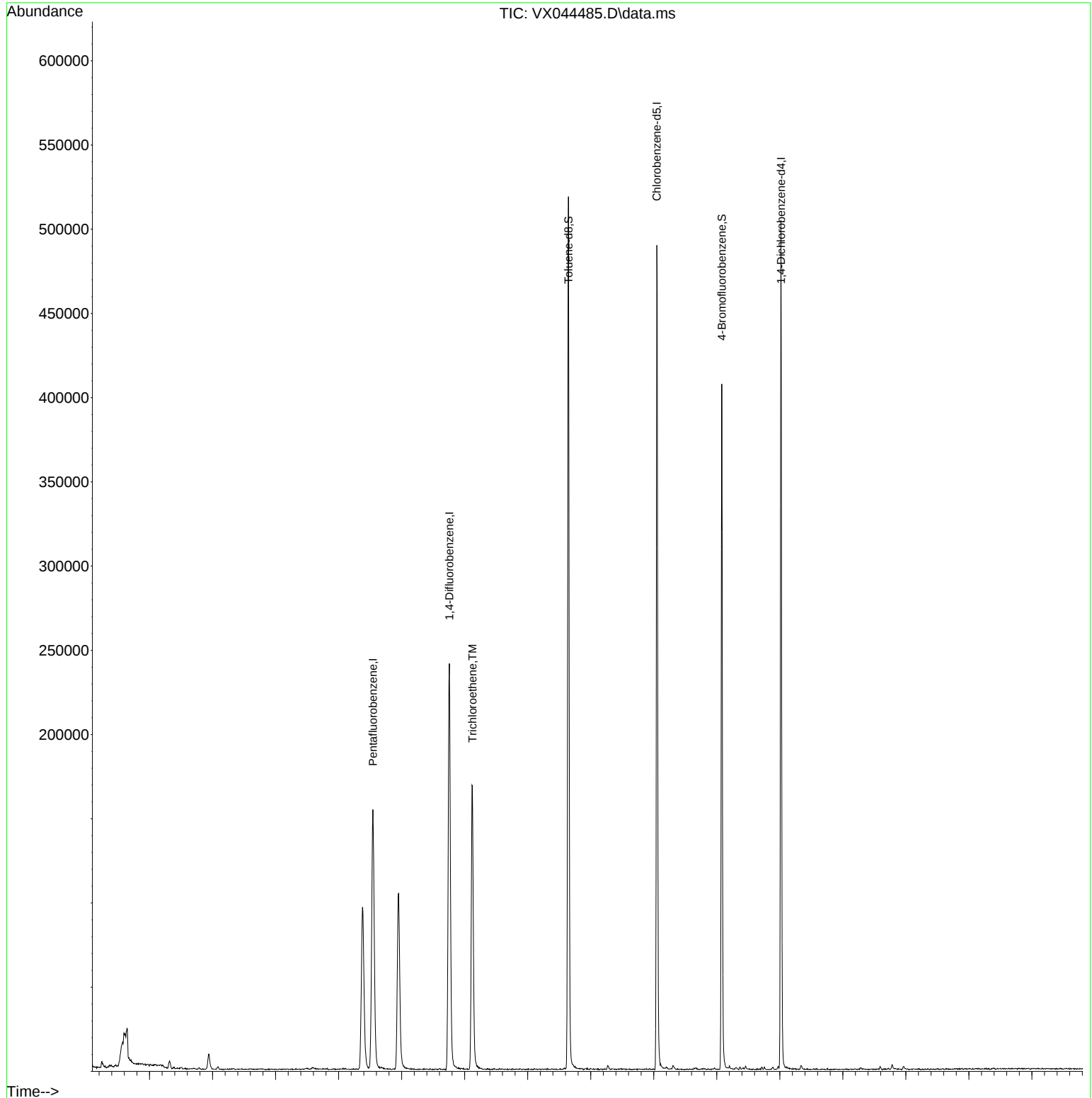
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044485.D
Acq On : 23 Dec 2024 17:09
Operator : JC/MD
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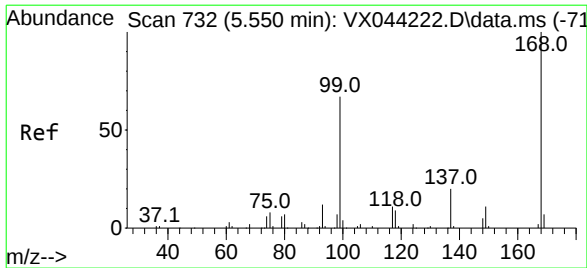
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20241217

Quant Time: Dec 23 22:13:19 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

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APPROVED

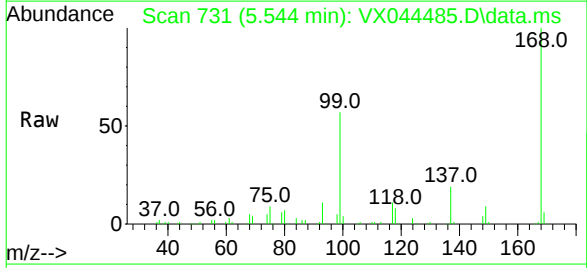
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

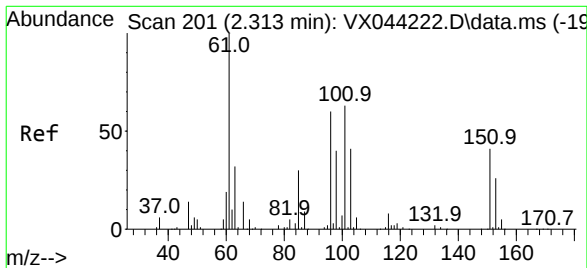
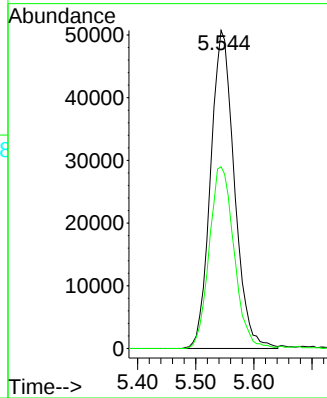
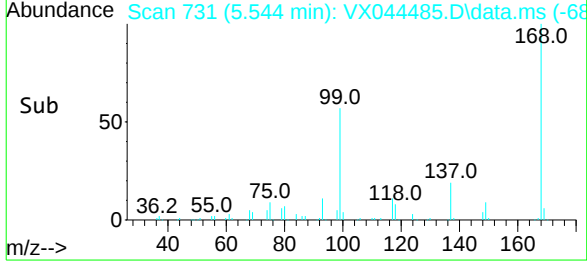
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20241217



Tgt Ion:168 Resp: 144075
Ion Ratio Lower Upper
168 100
99 57.1 53.4 80.0

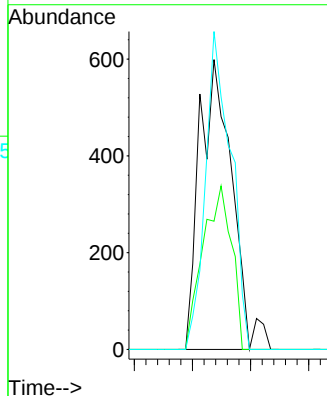
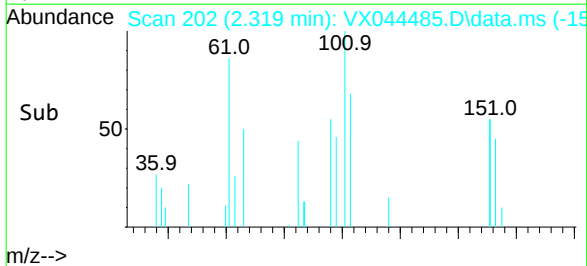
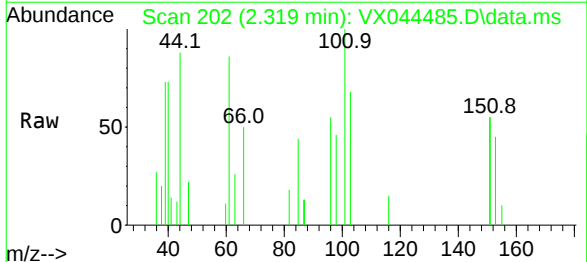
Manual Integrations
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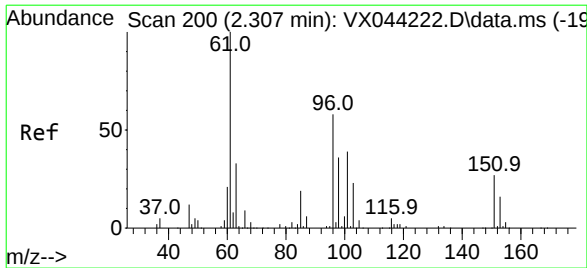
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.664 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

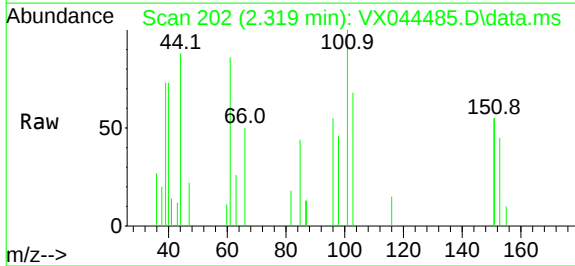
Tgt Ion:101 Resp: 1168
Ion Ratio Lower Upper
101 100
85 49.7 38.5 57.7
151 85.7 55.8 83.6#





#12
1,1-Dichloroethene
Concen: 0.387 ug/l
RT: 2.319 min Scan# 200
Delta R.T. 0.012 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

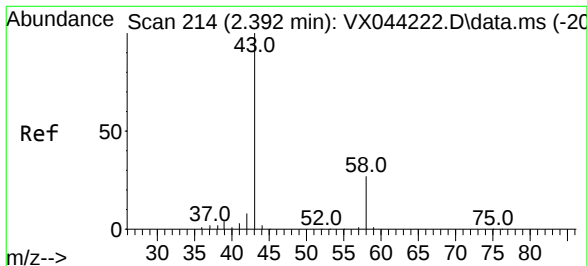
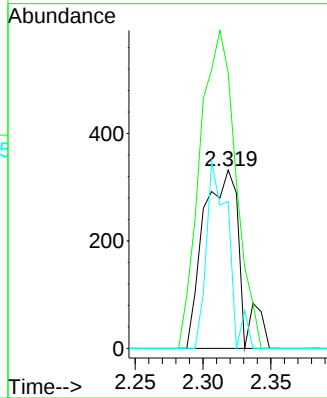
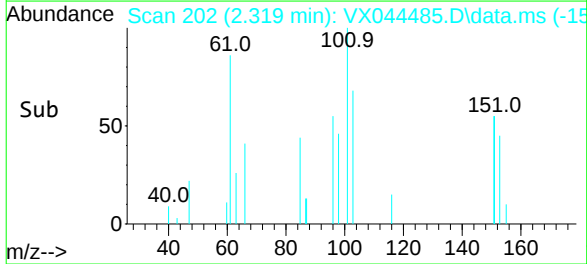
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20241217



Tgt Ion: 96 Resp: 625
Ion Ratio Lower Upper
96 100
61 154.8 138.0 207.0
98 82.2 50.0 75.0#

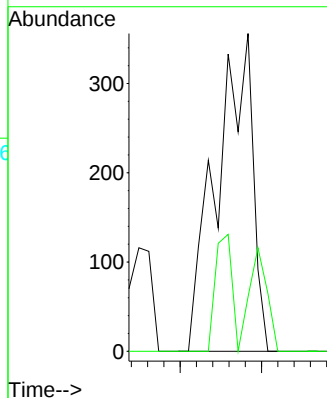
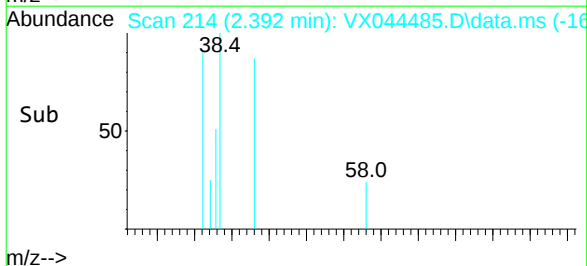
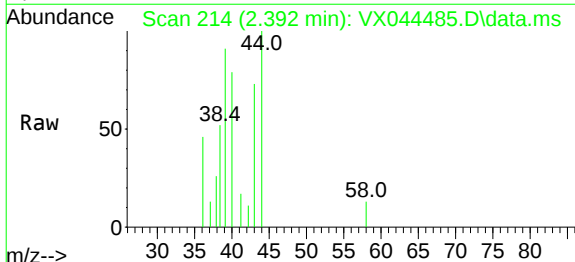
Manual Integrations
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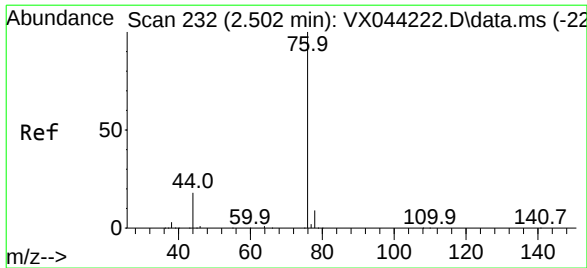
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 0.531 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 17.1 21.6 32.4#





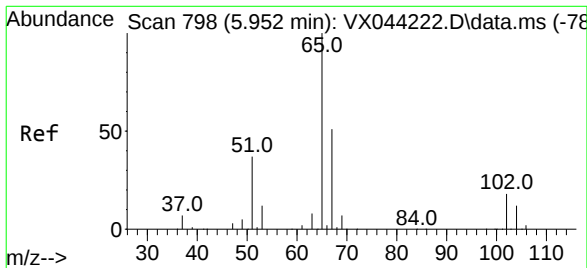
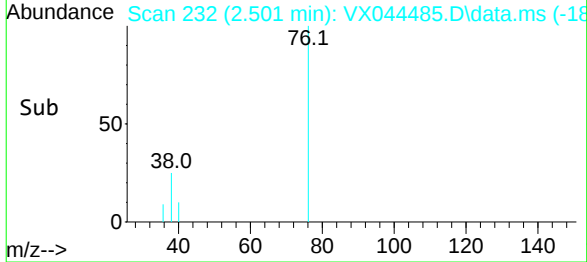
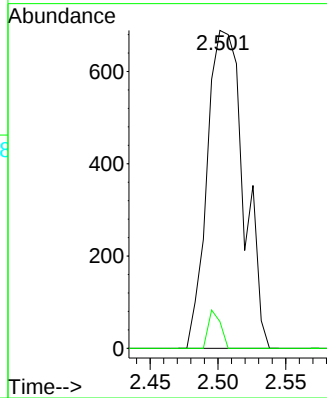
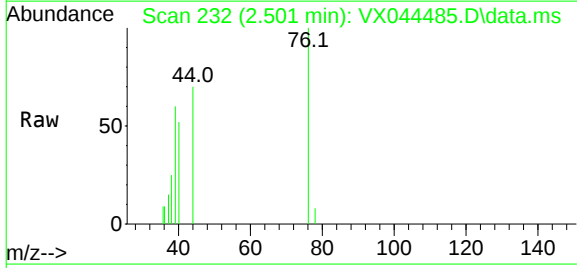
#17
Carbon Disulfide
Concen: 0.421 ug/l
RT: 2.501 min Scan# 23
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20241217

Tgt Ion: 76 Resp: 1291
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

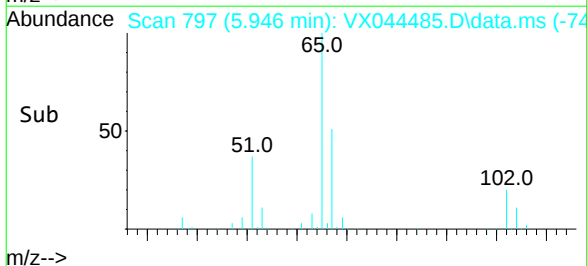
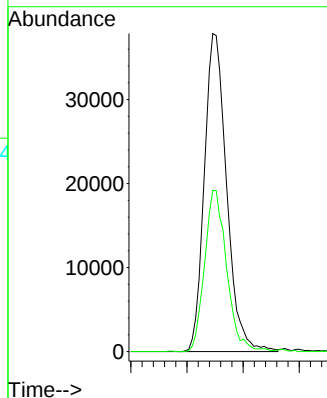
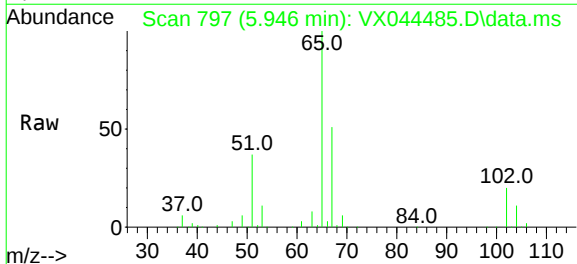
Manual Integrations
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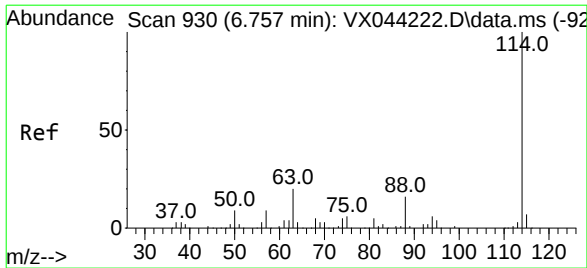
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#33
1,2-Dichloroethane-d4
Concen: 41.374 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

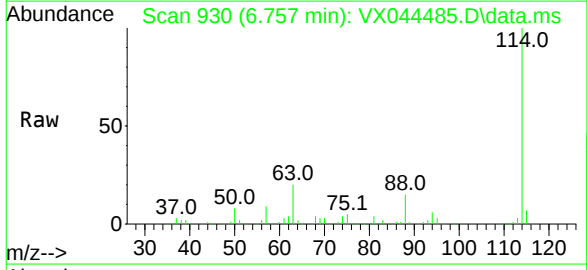
Tgt Ion: 65 Resp: 104514
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

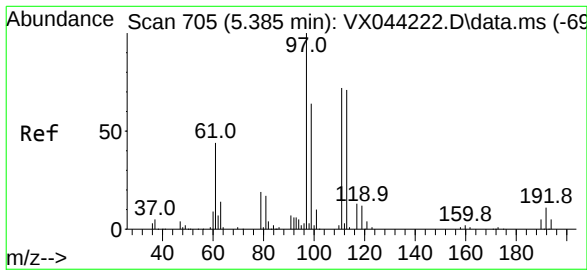
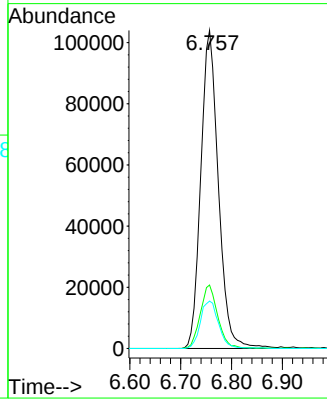
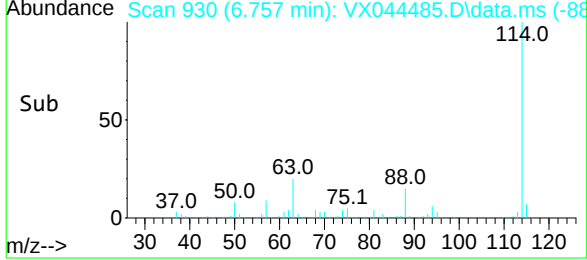
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20241217



Tgt Ion:114 Resp: 249365
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.6
88 14.9 0.0 31.8

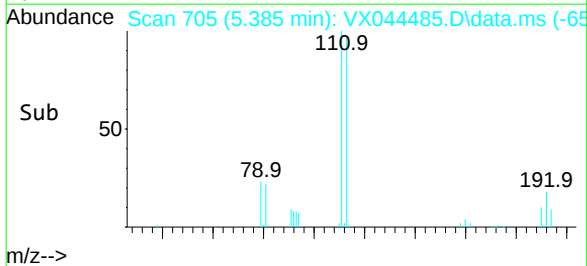
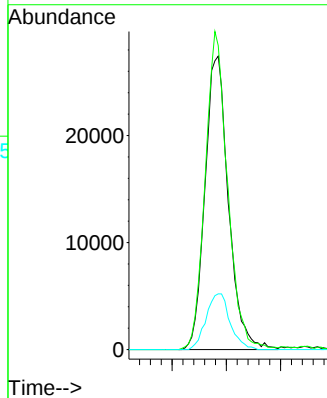
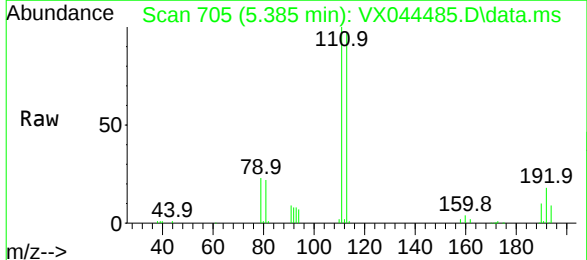
Manual Integrations
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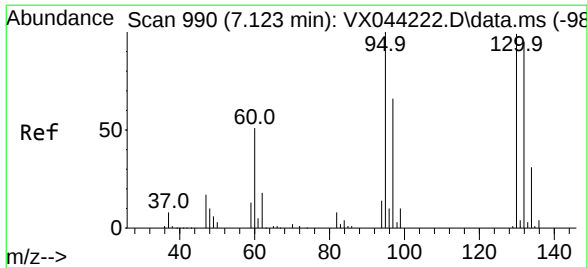
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#35
Dibromofluoromethane
Concen: 47.788 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion:113 Resp: 82534
Ion Ratio Lower Upper
113 100
111 103.3 80.4 120.6
192 19.4 13.3 19.9





#44

Trichloroethene

Concen: 39.722 ug/l

RT: 7.123 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX044485.D

Acq: 23 Dec 2024 17:09

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20241217

Tgt Ion:130 Resp: 67143

Ion Ratio Lower Upper

130 100

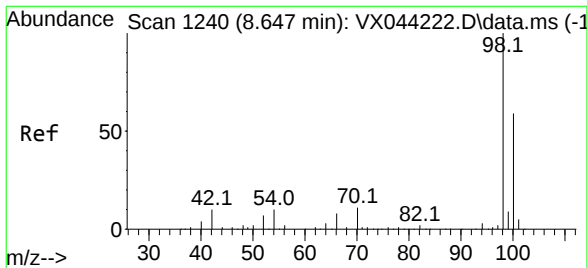
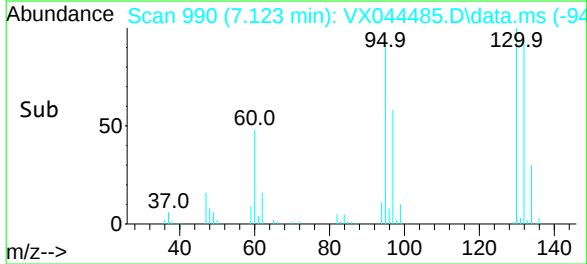
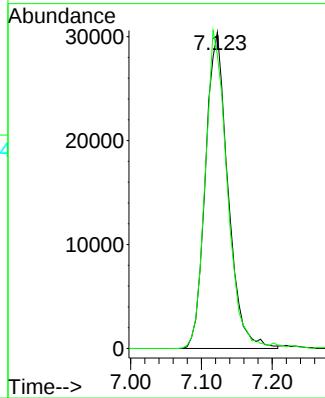
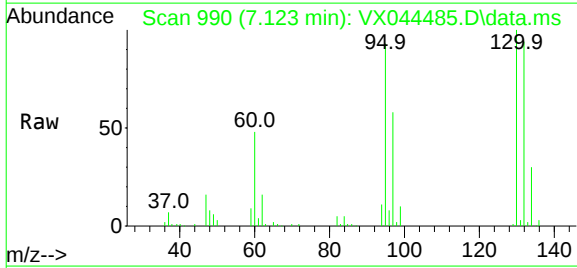
95 92.7 0.0 201.4

Manual Integrations

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Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#50

Toluene-d8

Concen: 53.255 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044485.D

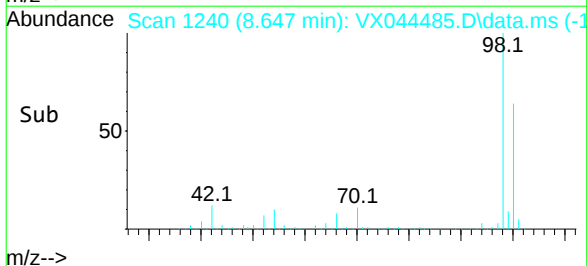
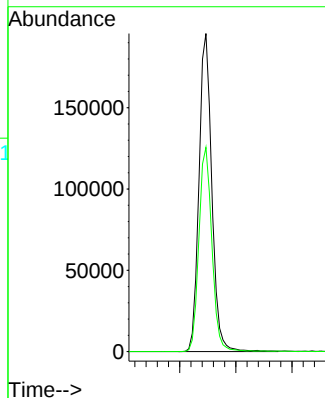
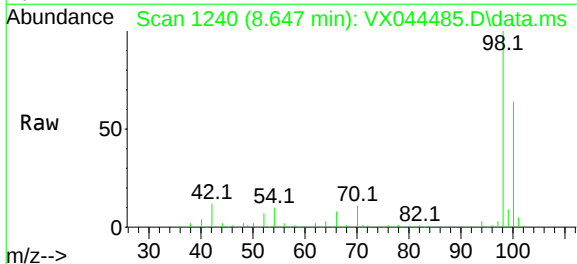
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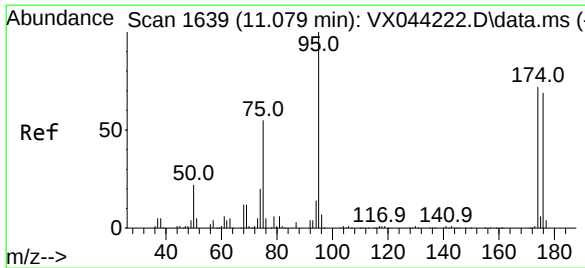
Tgt Ion: 98 Resp: 310298

Ion Ratio Lower Upper

98 100

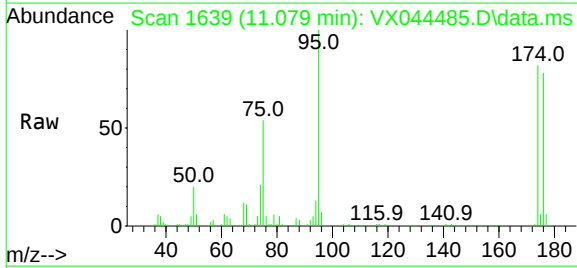
100 65.1 51.5 77.3





#62
4-Bromofluorobenzene
Concen: 50.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

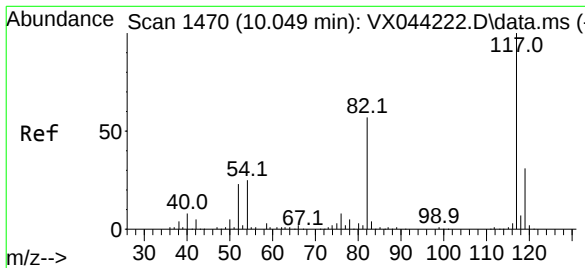
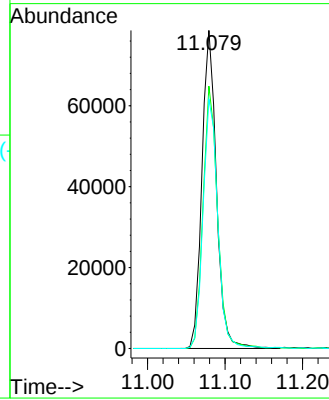
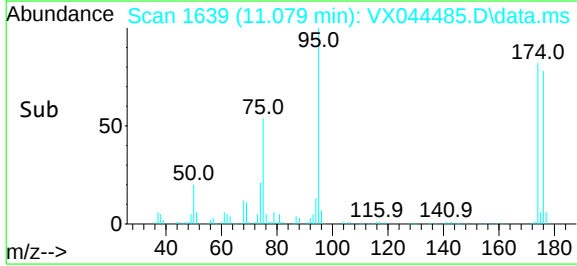
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RE132D6-20241217



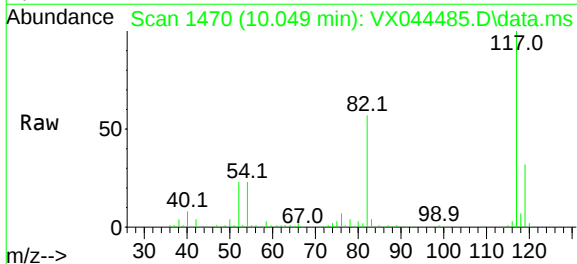
Tgt Ion: 95 Resp: 102247
Ion Ratio Lower Upper
95 100
174 82.3 0.0 145.8
176 79.5 0.0 137.8

Manual Integrations
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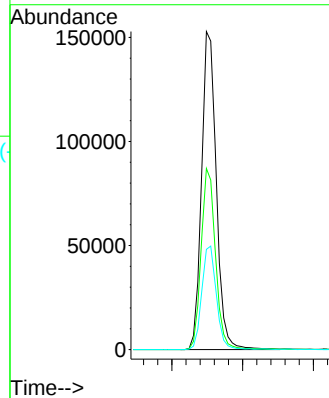
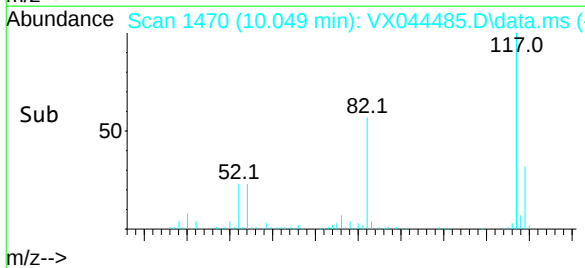
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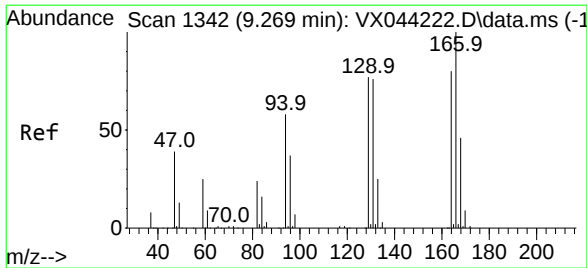


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09



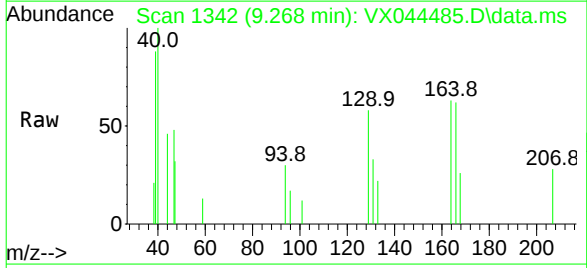
Tgt Ion:117 Resp: 221444
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.8
119 31.5 25.0 37.4





#64
Tetrachloroethene
Concen: 0.291 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

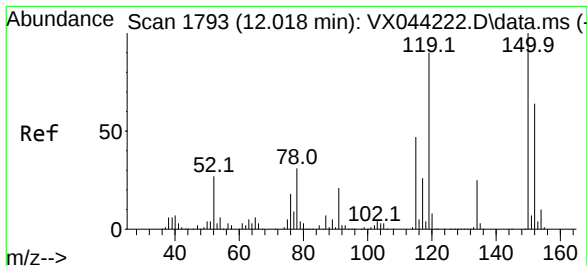
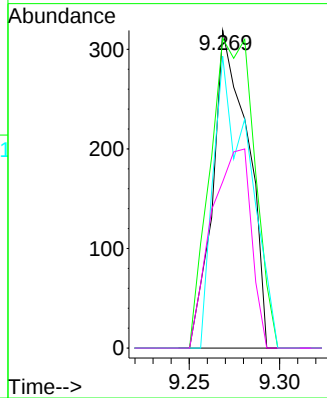
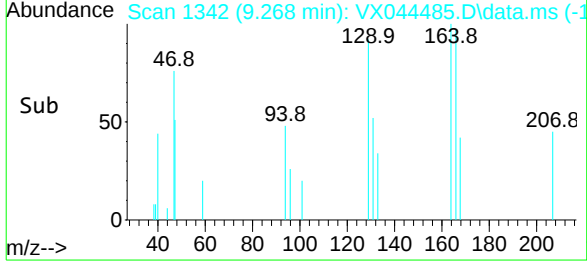
Instrument : MSVOA_X
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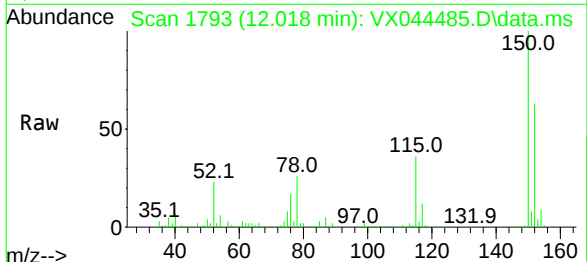
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Ion Ratio Lower Upper
164 100
166 97.5 100.4 150.6#
129 91.8 77.2 115.8
131 52.4 76.2 114.2#

Manual Integrations
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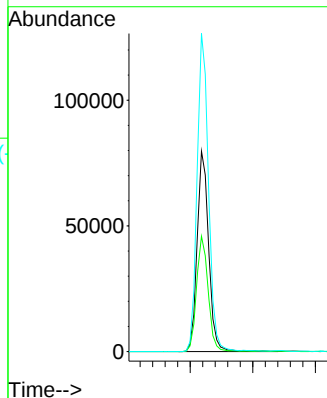
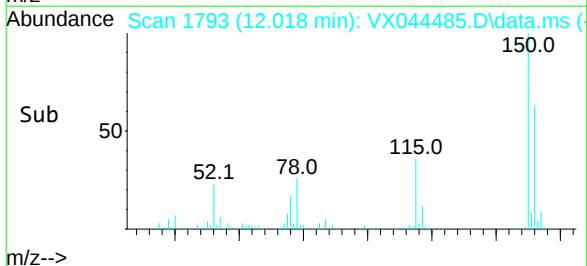
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

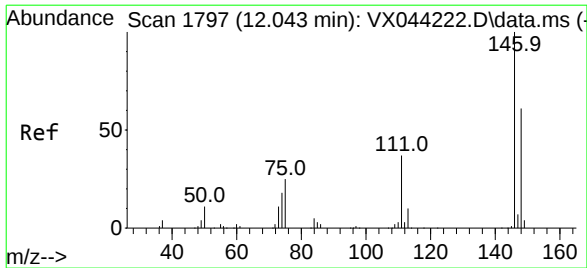


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09



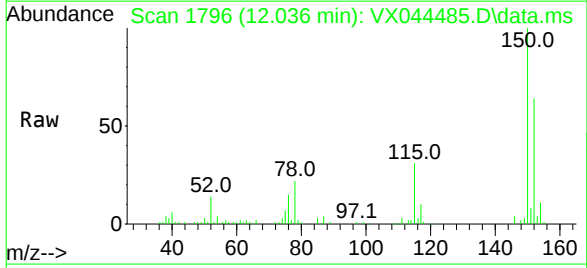
Tgt Ion:152 Resp: 102248
Ion Ratio Lower Upper
152 100
115 57.8 44.5 133.3
150 156.2 0.0 353.8





#88
1,4-Dichlorobenzene
Concen: 0.329 ug/l m
RT: 12.036 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

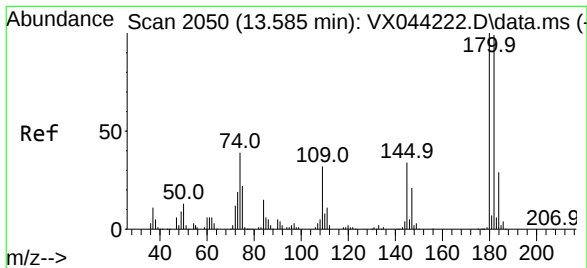
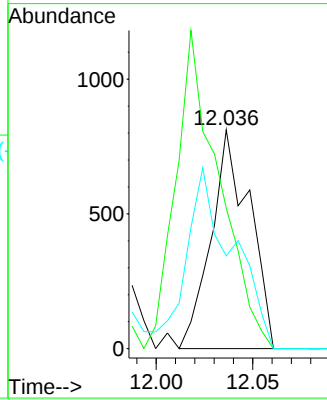
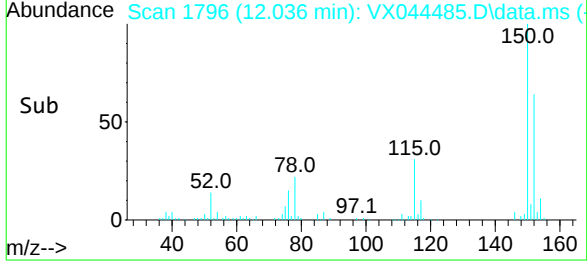
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20241217



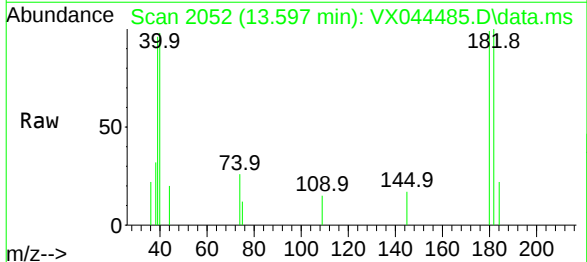
Tgt Ion:146 Resp: 1120
Ion Ratio Lower Upper
146 100
111 24.2 21.0 63.0
148 47.4 32.3 96.8

Manual Integrations
APPROVED

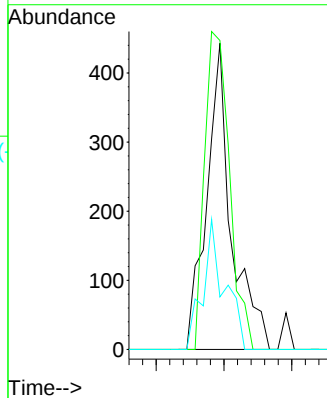
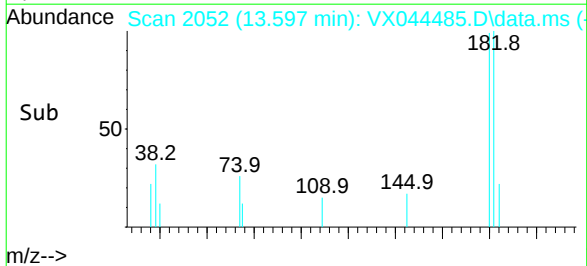
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

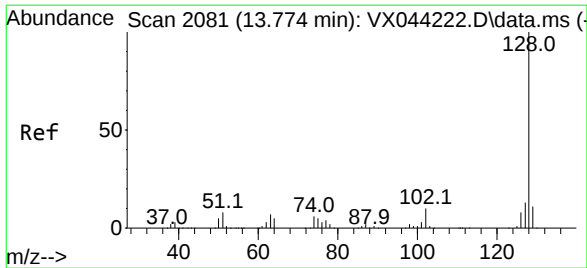


#93
1,2,4-Trichlorobenzene
Concen: 0.297 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09



Tgt Ion:180 Resp: 560
Ion Ratio Lower Upper
180 100
182 104.6 48.0 144.2
145 37.0 16.6 49.7





#95

Naphthalene

Concen: 0.400 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044485.D

Acq: 23 Dec 2024 17:09

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20241217

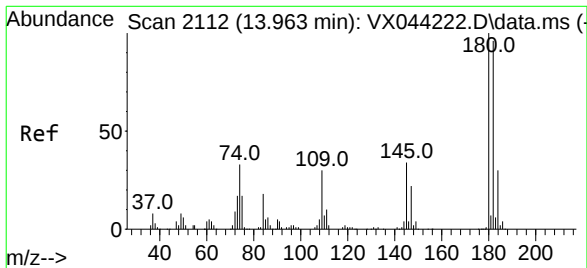
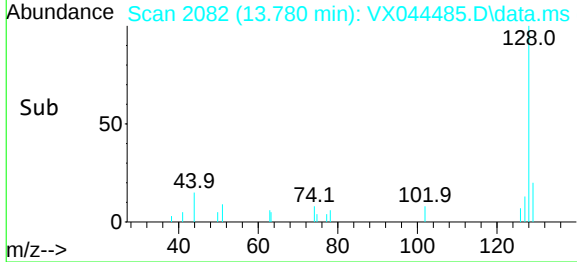
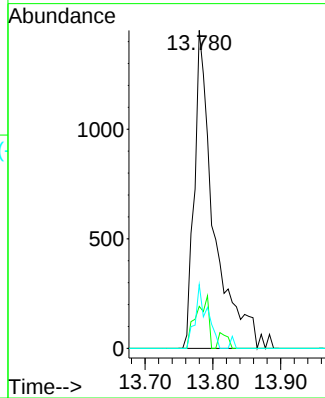
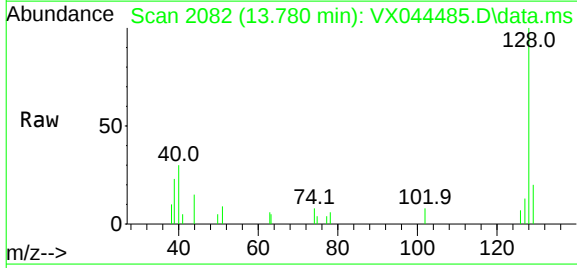
Tgt Ion:	128	Resp:	2946
Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.5	15.7
129	12.4	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.360 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX044485.D

Acq: 23 Dec 2024 17:09

Tgt Ion:	180	Resp:	720
Ion	Ratio	Lower	Upper
180	100		
182	99.2	48.0	144.0
145	38.8	17.7	53.1

