

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040511.D
 Acq On : 28 Feb 2024 15:17
 Operator : JC/MD
 Sample : P1578-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221

Quant Time: Feb 29 03:50:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	72876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58961	48.372	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.740%		
35) Dibromofluoromethane	5.385	113	43705	50.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.120%		
50) Toluene-d8	8.647	98	153629	48.482	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.960%		
62) 4-Bromofluorobenzene	11.079	95	60365	49.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.940%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	656	0.790	ug/l	96
16) Acetone	2.379	43	2008	5.052	ug/l #	86
17) Carbon Disulfide	2.514	76	1306	0.568	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	1310	0.463	ug/l	94
24) 1,1-Dichloroethane	3.605	63	4878	2.866	ug/l	98
30) Chloroform	5.111	83	824m	0.456	ug/l	
44) Trichloroethene	7.129	130	1233	1.259	ug/l	57
64) Tetrachloroethene	9.275	164	509	0.596	ug/l #	84

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

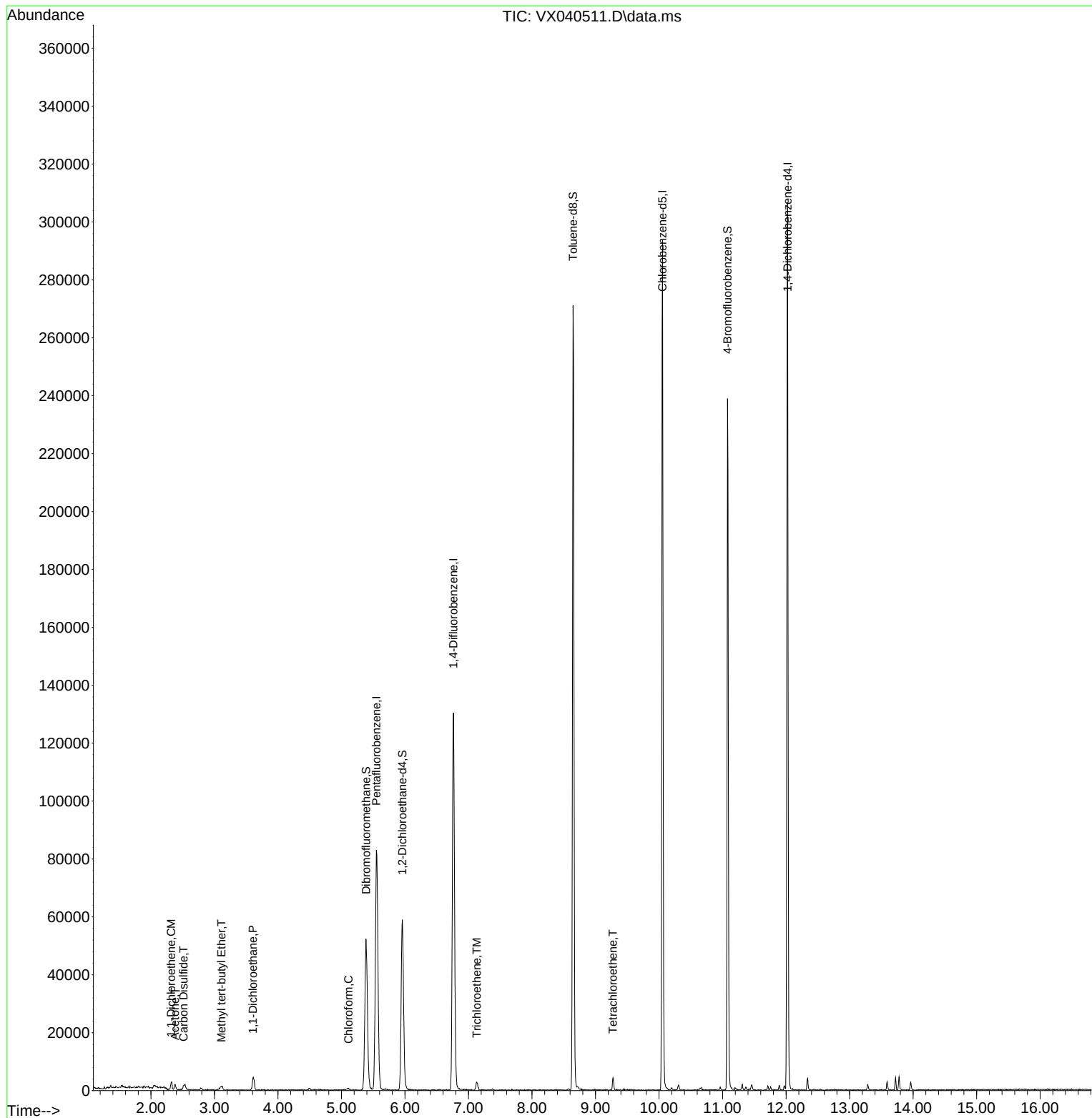
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
Data File : VX040511.D
Acq On : 28 Feb 2024 15:17
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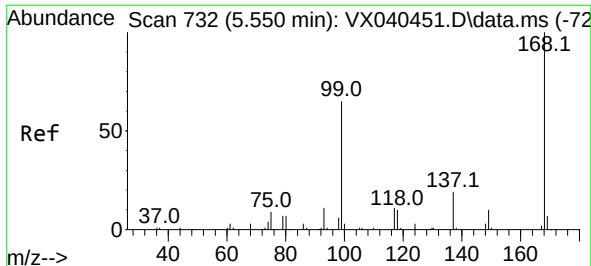
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

Quant Time: Feb 29 03:50:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

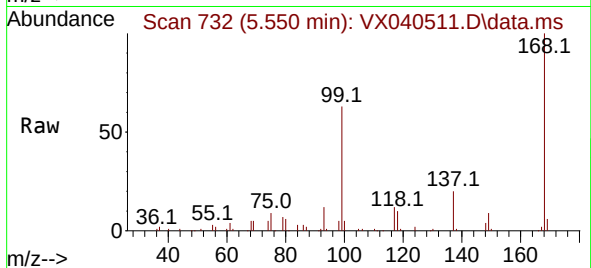
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

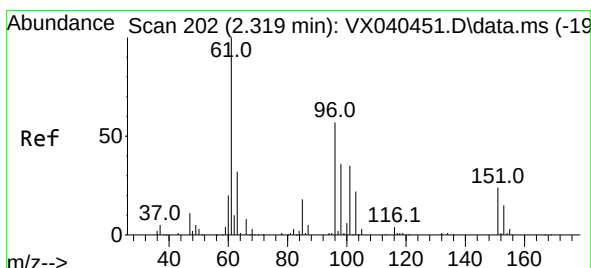
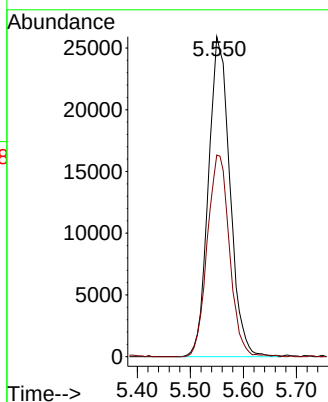
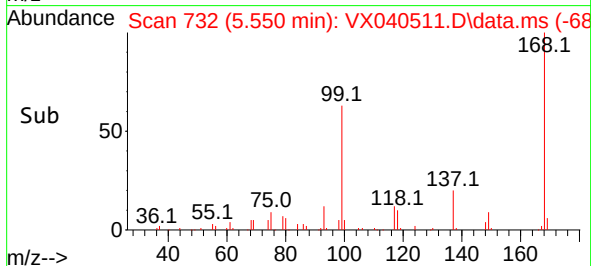
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221



Tgt Ion:168 Resp: 72870
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0

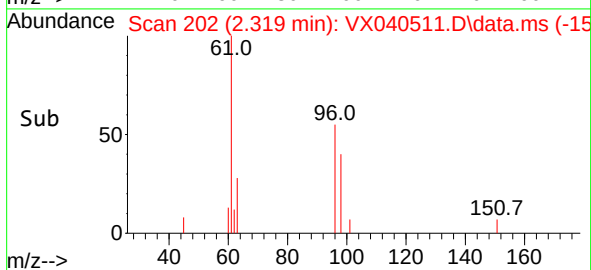
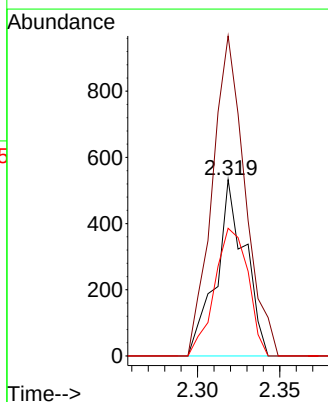
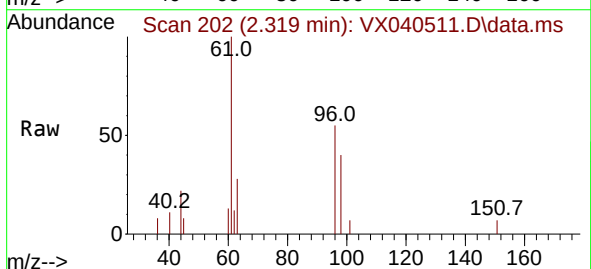
Manual Integrations
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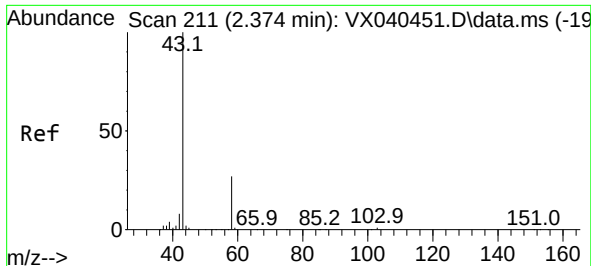
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#12
1,1-Dichloroethene
Concen: 0.790 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

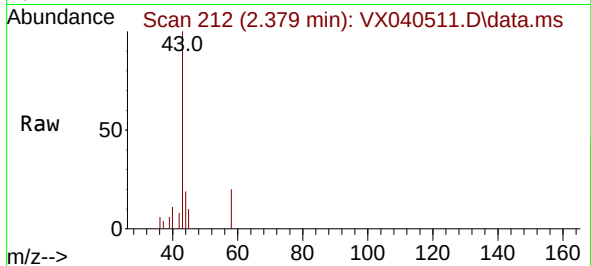
Tgt Ion: 96 Resp: 656
Ion Ratio Lower Upper
96 100
61 181.4 144.6 216.8
98 72.4 50.4 75.6





#16
Acetone
Concen: 5.052 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

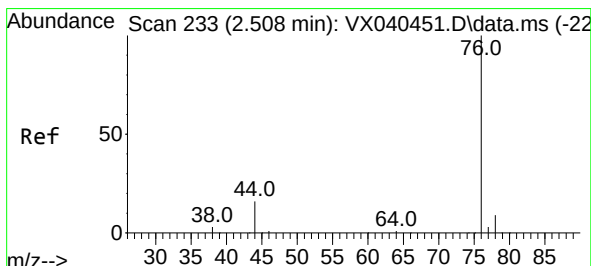
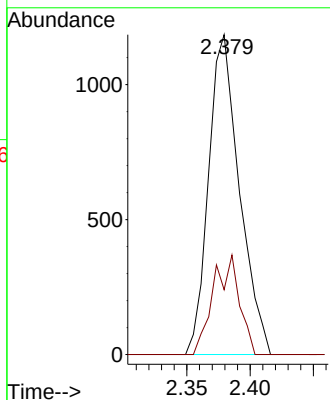
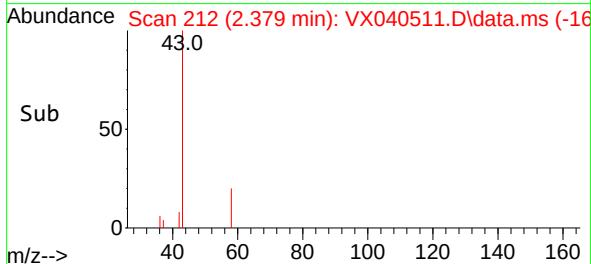
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221



Tgt Ion: 43 Resp: 2008
Ion Ratio Lower Upper
43 100
58 20.3 21.9 32.9

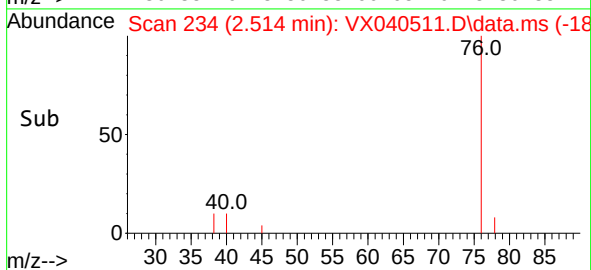
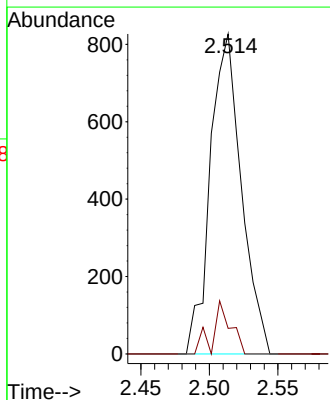
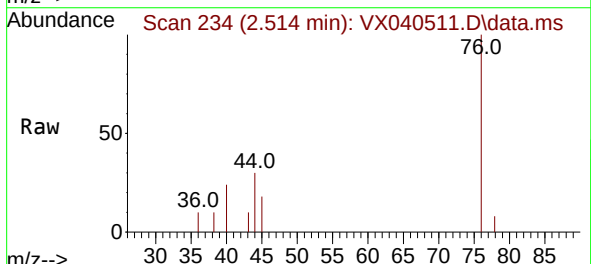
Manual Integrations
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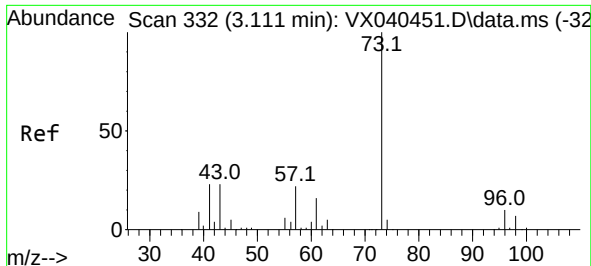
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#17
Carbon Disulfide
Concen: 0.568 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

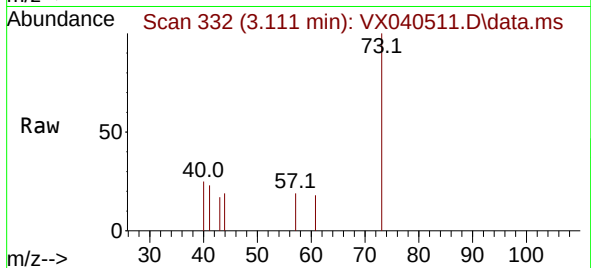
Tgt Ion: 76 Resp: 1306
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.6





#19
Methyl tert-butyl Ether
Concen: 0.463 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

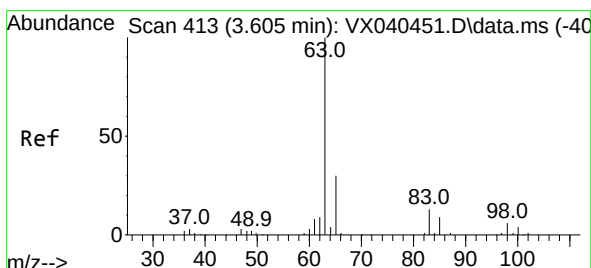
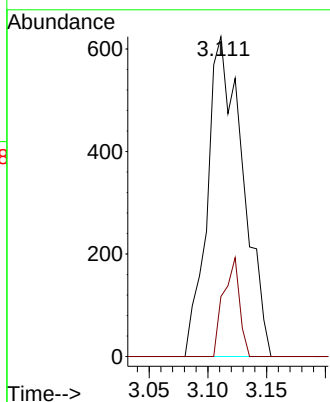
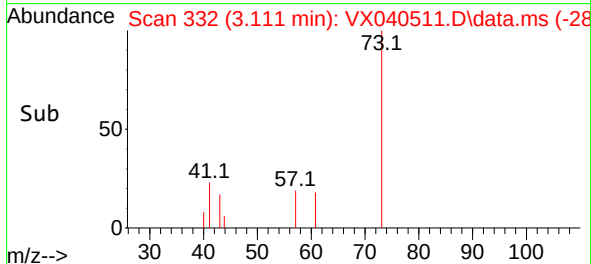
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221



Tgt Ion: 73 Resp: 1310
Ion Ratio Lower Upper
73 100
57 18.8 17.3 25.9

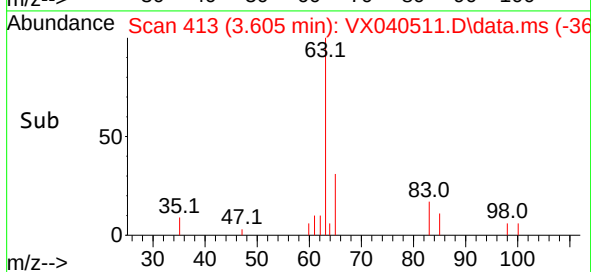
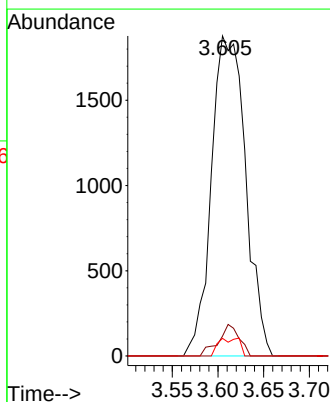
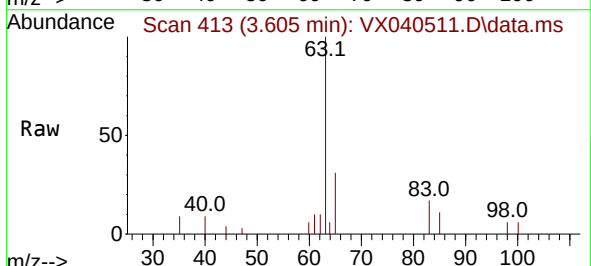
Manual Integrations
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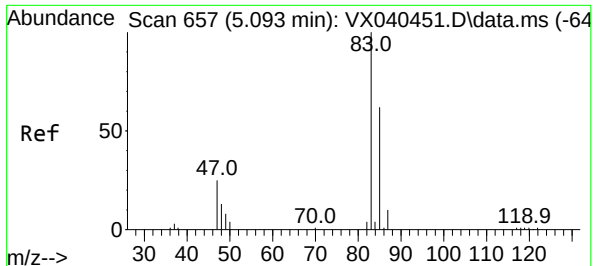
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#24
1,1-Dichloroethane
Concen: 2.866 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 63 Resp: 4878
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.8
100 5.5 2.1 6.5





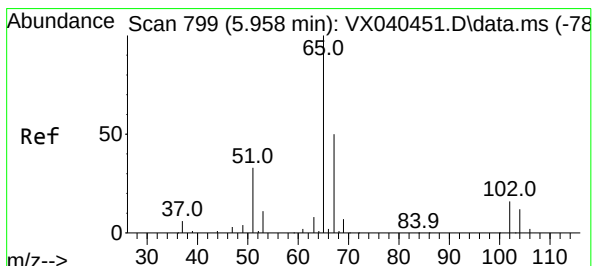
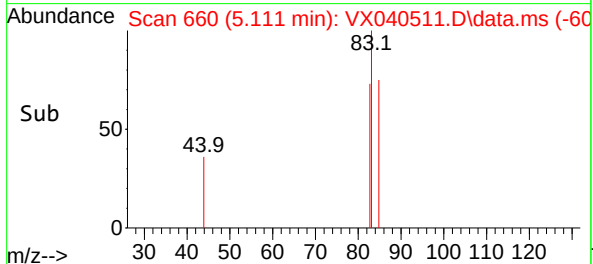
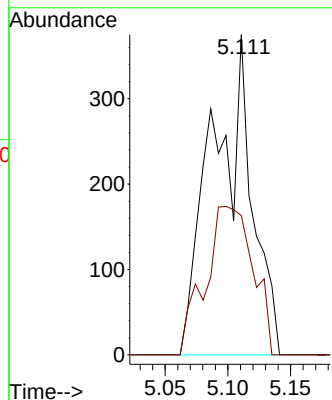
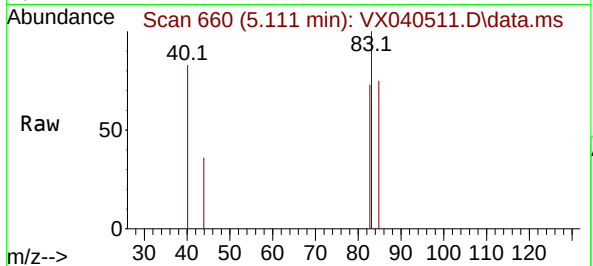
#30
Chloroform
Concen: 0.456 ug/l m
RT: 5.111 min Scan# 60
Delta R.T. 0.018 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

Tgt Ion: 83 Resp: 824
Ion Ratio Lower Upper
83 100
85 75.1 50.3 75.5

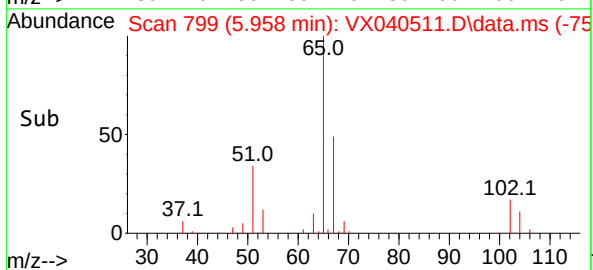
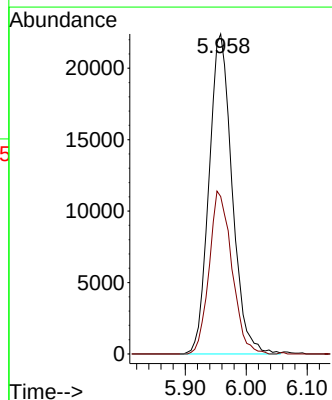
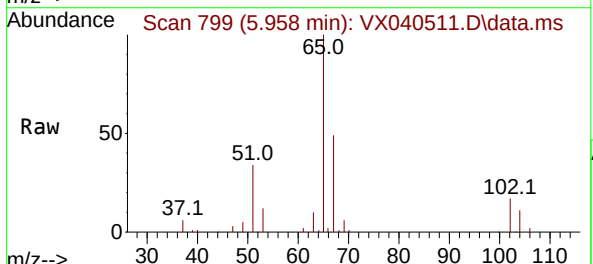
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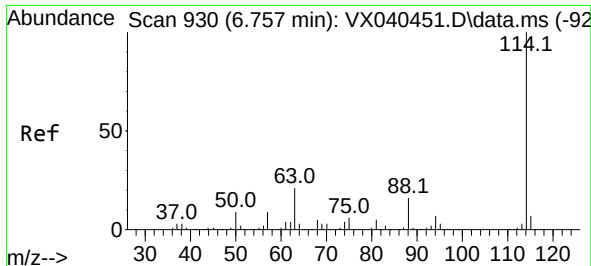
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#33
1,2-Dichloroethane-d4
Concen: 48.372 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 65 Resp: 58961
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.2





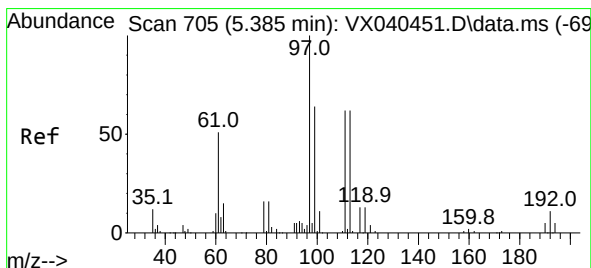
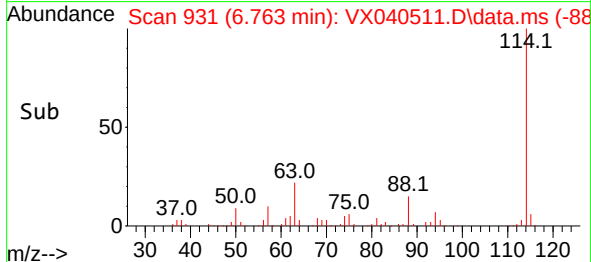
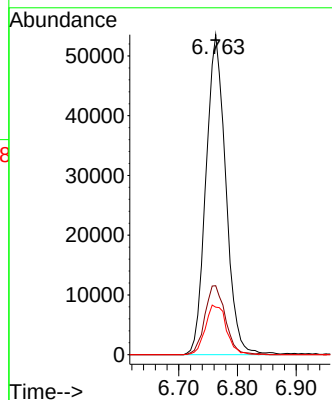
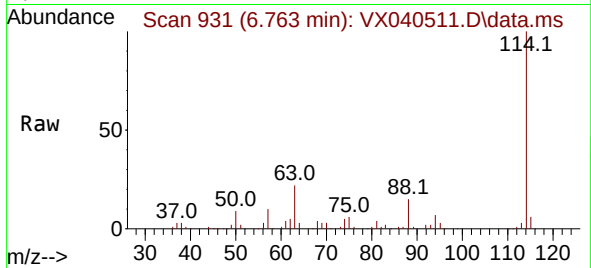
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

Tgt Ion:114 Resp: 125538
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 14.9 0.0 36.6

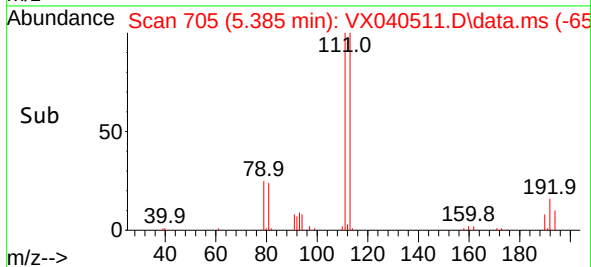
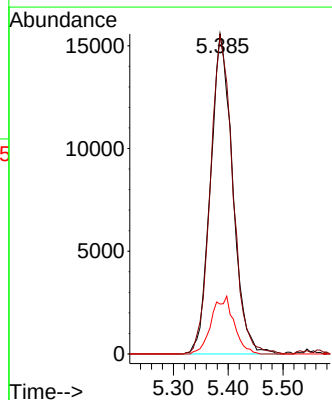
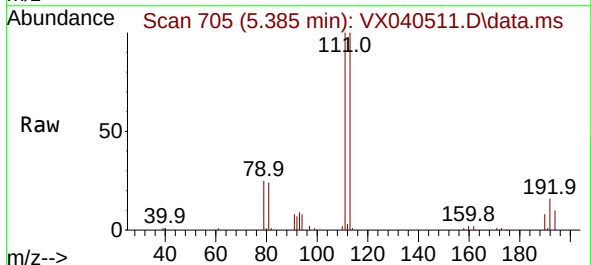
Manual Integrations
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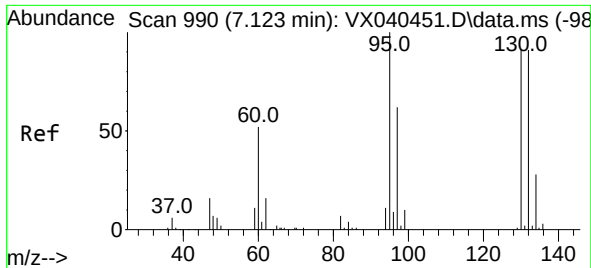
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#35
Dibromofluoromethane
Concen: 50.064 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

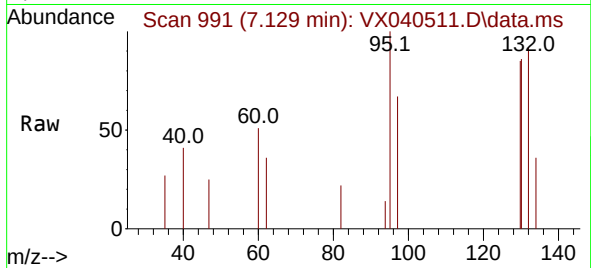
Tgt Ion:113 Resp: 43705
Ion Ratio Lower Upper
113 100
111 100.5 82.9 124.3
192 18.3 13.3 19.9





#44
Trichloroethene
Concen: 1.259 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

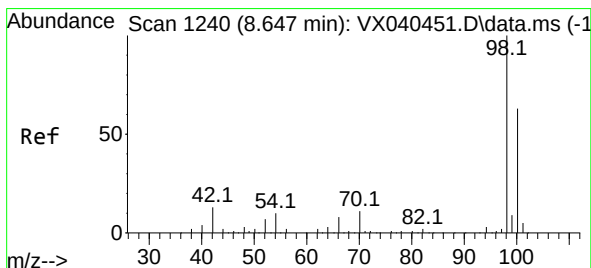
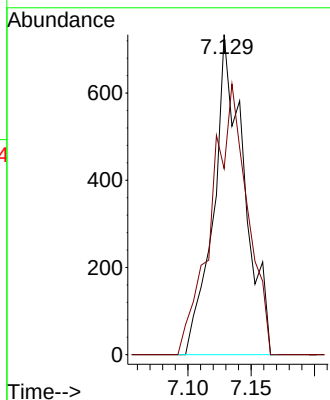
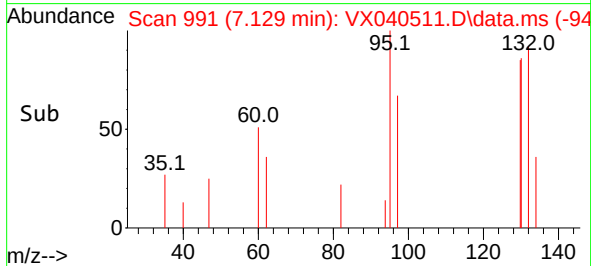
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221



Tgt Ion:130 Resp: 123
Ion Ratio Lower Upper
130 100
95 58.2 0.0 204.4

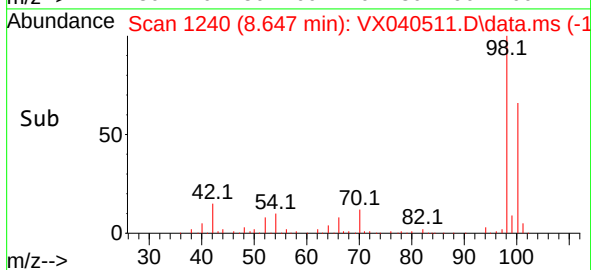
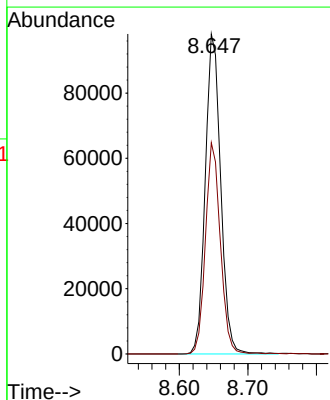
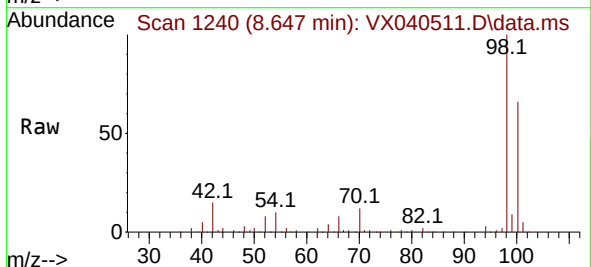
Manual Integrations
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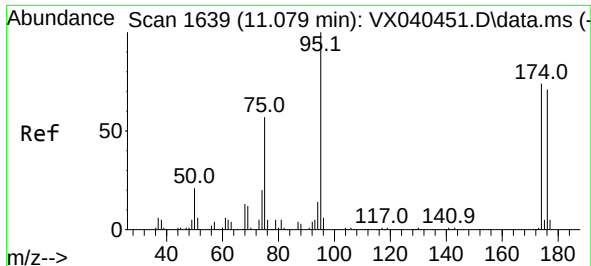
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#50
Toluene-d8
Concen: 48.482 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

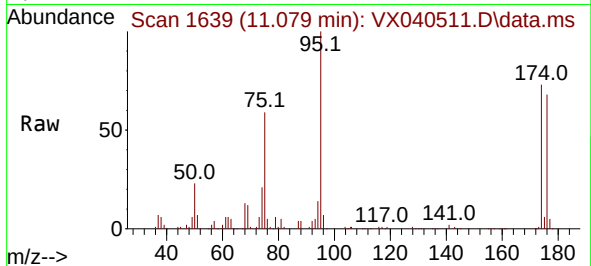
Tgt Ion: 98 Resp: 153629
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#62
4-Bromofluorobenzene
Concen: 49.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

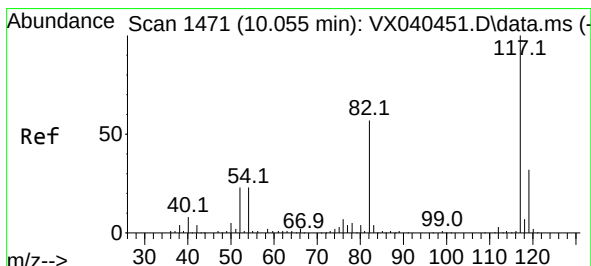
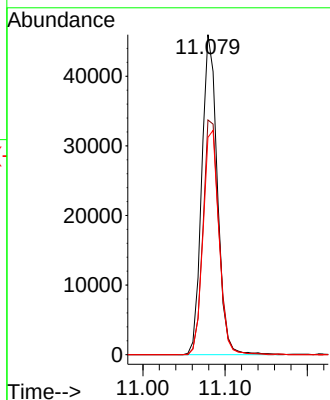
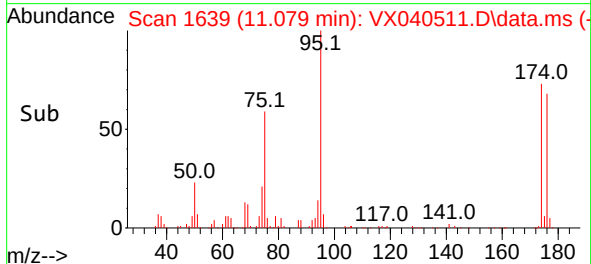
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221



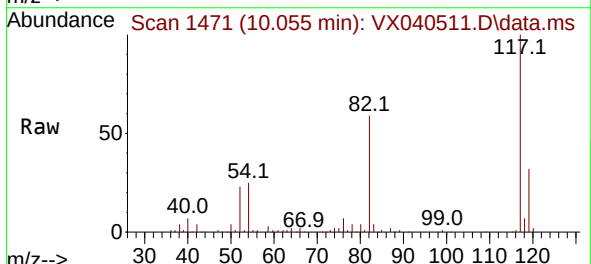
Tgt Ion: 95 Resp: 6036
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 71.7 0.0 131.0

Manual Integrations
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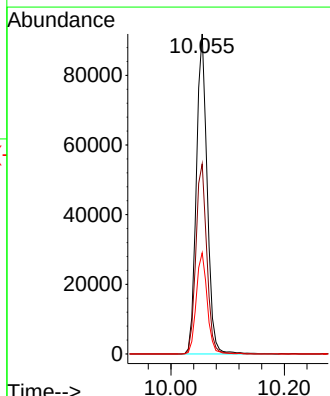
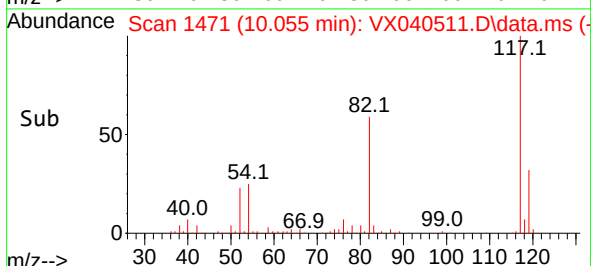
Reviewed By :John Carlone 02/29/2024
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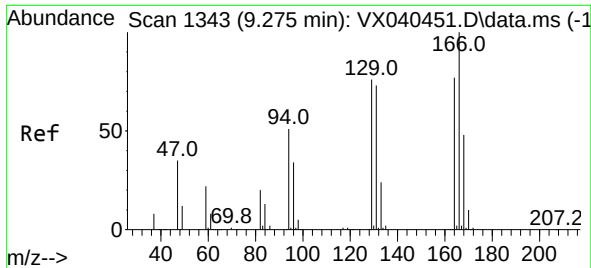


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17



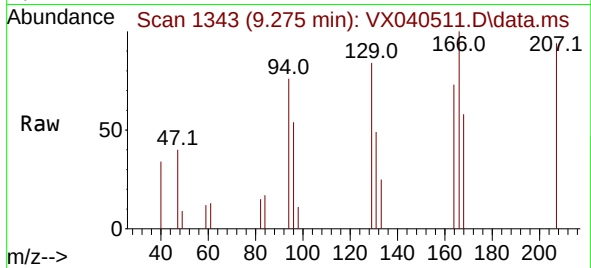
Tgt Ion:117 Resp: 121555
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 31.6 25.5 38.3





#64
Tetrachloroethene
Concen: 0.596 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

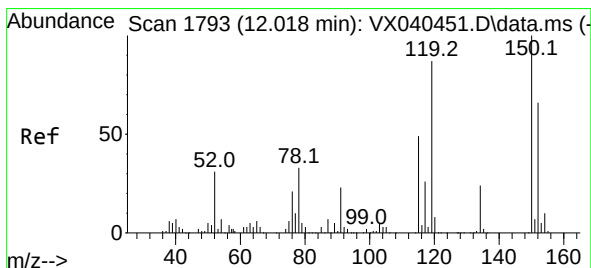
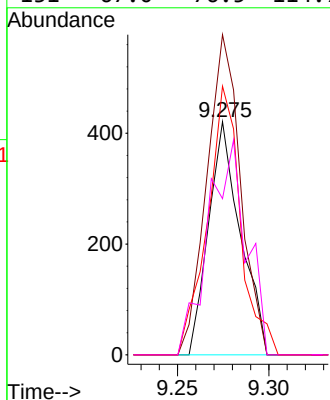
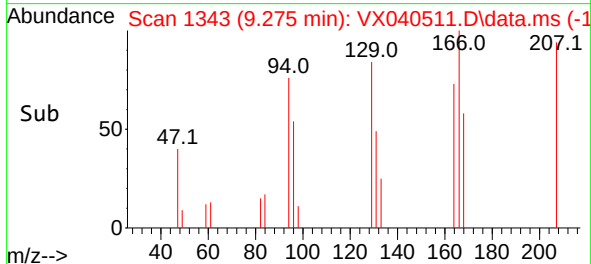
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221



Tgt Ion:164 Resp: 509
Ion Ratio Lower Upper
164 100
166 137.3 102.7 154.1
129 115.2 80.4 120.6
131 67.0 76.5 114.7#

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion:152 Resp: 60392
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 159.7 0.0 345.0

