

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035686.D
 Acq On : 16 May 2023 13:20
 Operator : JC/MD
 Sample : 02751-06DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-02-71-05082023DL

Quant Time: May 17 05:29:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	202819	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	368397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167415	47.316	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.640%		
35) Dibromofluoromethane	5.385	113	118984	47.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.780%		
50) Toluene-d8	8.647	98	443613	48.333	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.660%		
62) 4-Bromofluorobenzene	11.079	95	181348	49.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.140%		
Target Compounds						
44) Trichloroethene	7.123	130	80975	29.109	ug/l	Qvalue 91
64) Tetrachloroethene	9.275	164	3921	1.739	ug/l	92

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

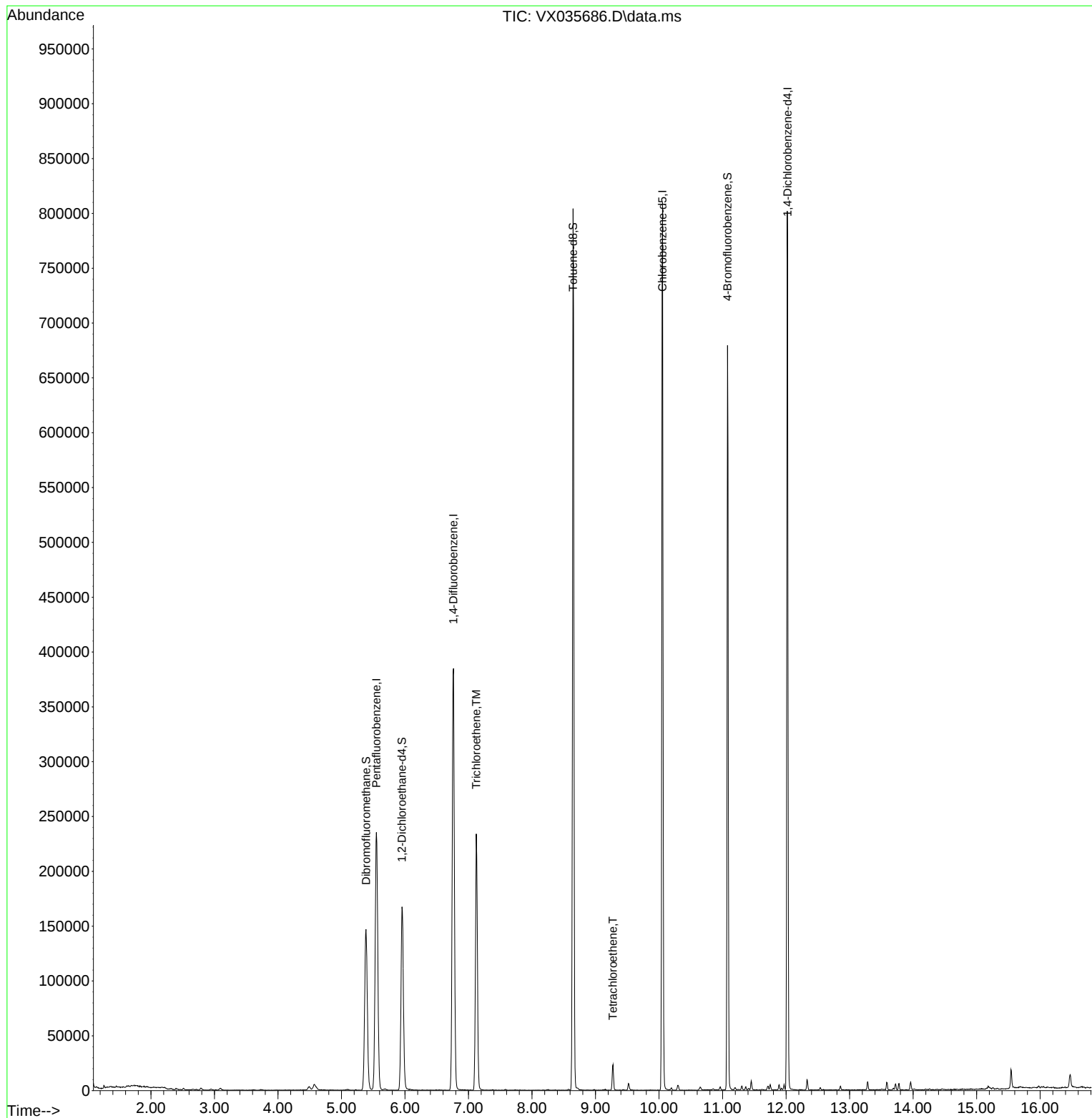
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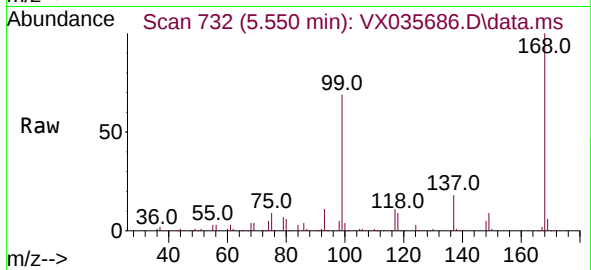
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX035686.D
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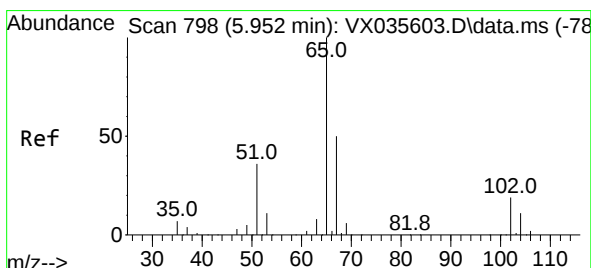
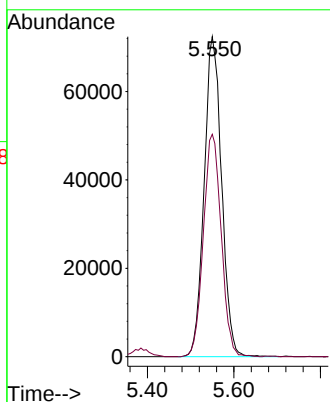
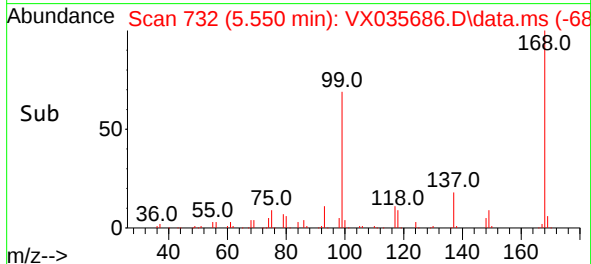
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023DL



Tgt Ion:168 Resp: 202819
Ion Ratio Lower Upper
168 100
99 69.5 45.7 68.5

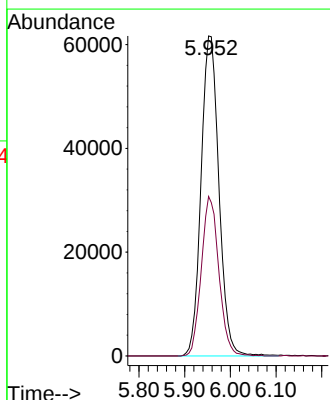
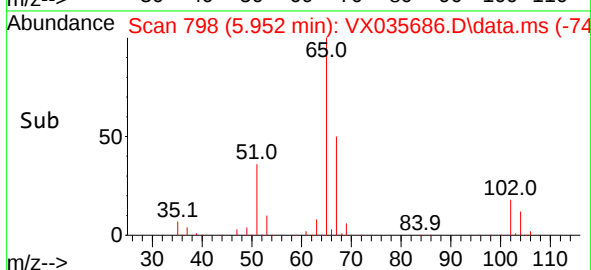
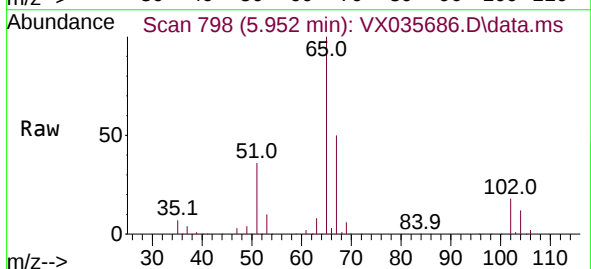
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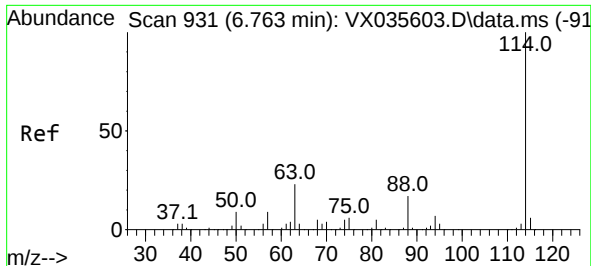
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#33
1,2-Dichloroethane-d4
Concen: 47.316 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035686.D
Acq: 16 May 2023 13:20

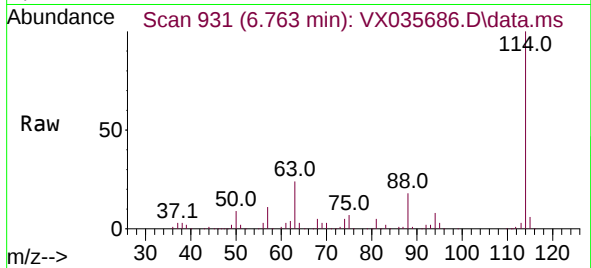
Tgt Ion: 65 Resp: 167415
Ion Ratio Lower Upper
65 100
67 48.9 0.0 104.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035686.D
Acq: 16 May 2023 13:20

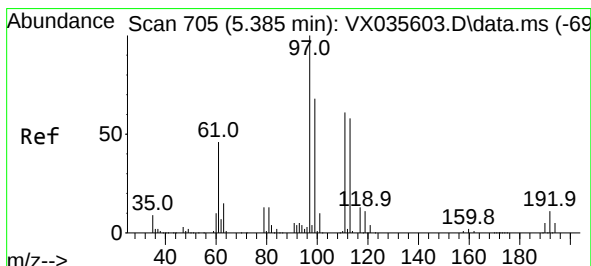
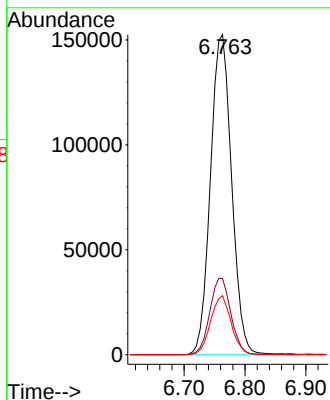
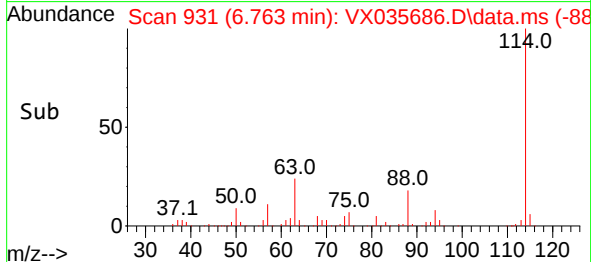
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-02-71-05082023DL



Tgt Ion:114 Resp: 368397
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 18.4 0.0 33.2

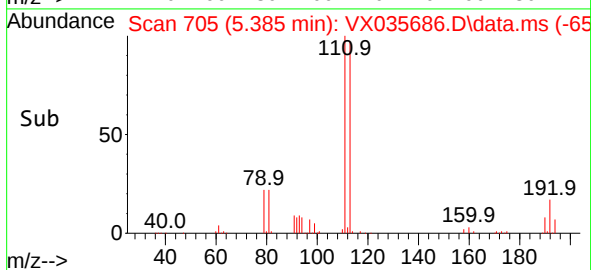
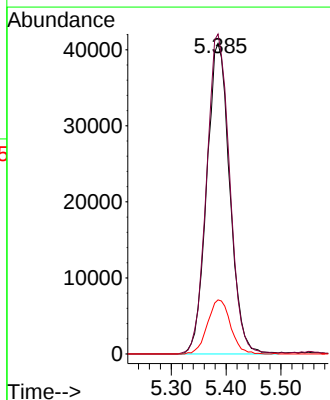
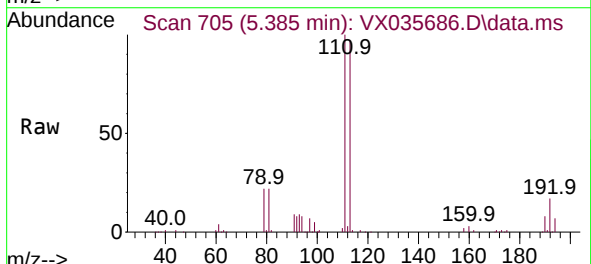
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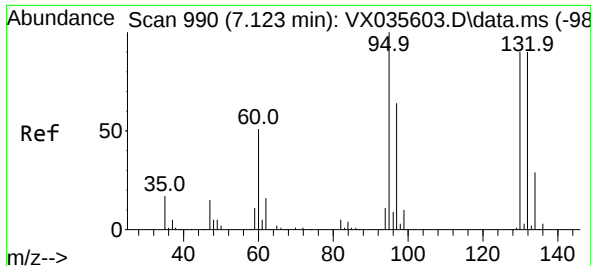
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#35
Dibromofluoromethane
Concen: 47.891 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035686.D
Acq: 16 May 2023 13:20

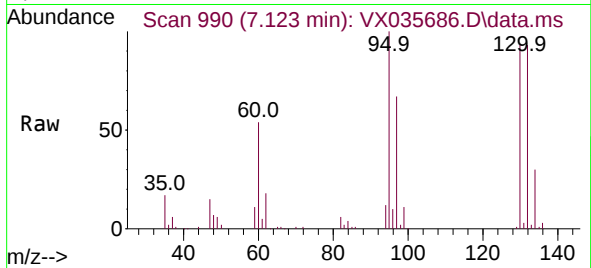
Tgt Ion:113 Resp: 118984
Ion Ratio Lower Upper
113 100
111 103.5 83.7 125.5
192 17.4 15.4 23.2





#44
Trichloroethene
Concen: 29.109 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035686.D
Acq: 16 May 2023 13:20

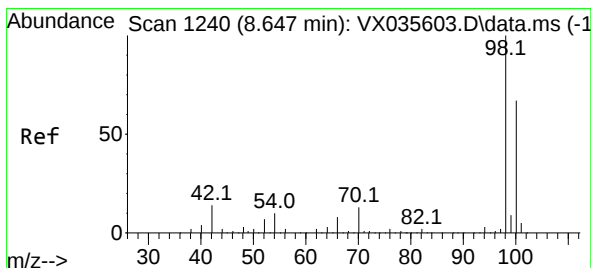
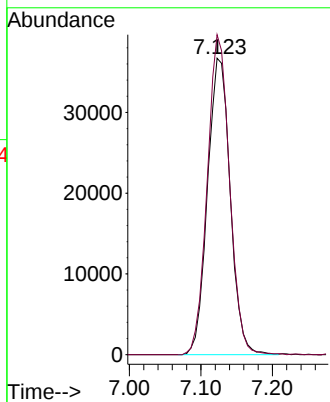
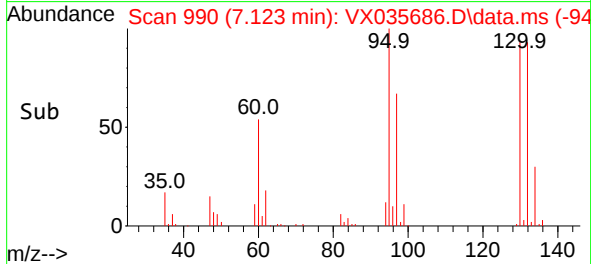
Instrument :
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ClientSampleId :
FSND-PRO-02-71-05082023DL



Tgt Ion:130 Resp: 80975
Ion Ratio Lower Upper
130 100
95 107.9 0.0 198.4

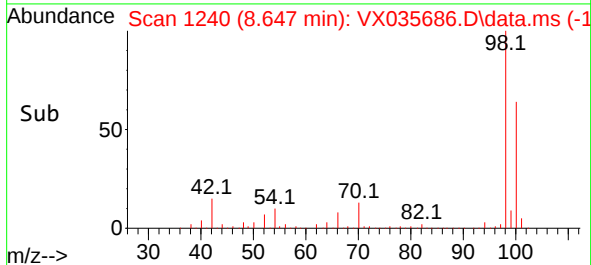
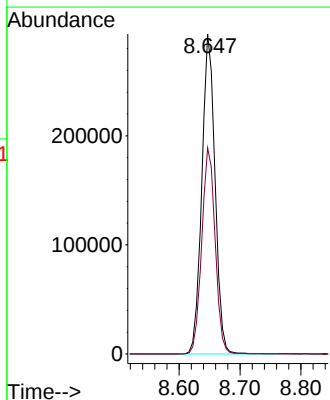
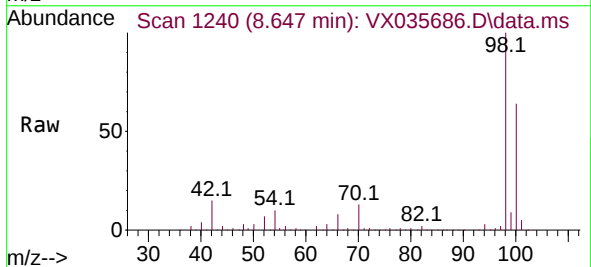
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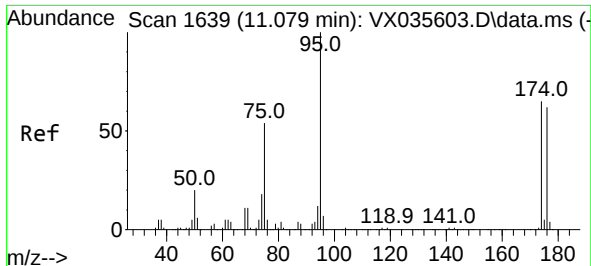
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#50
Toluene-d8
Concen: 48.333 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035686.D
Acq: 16 May 2023 13:20

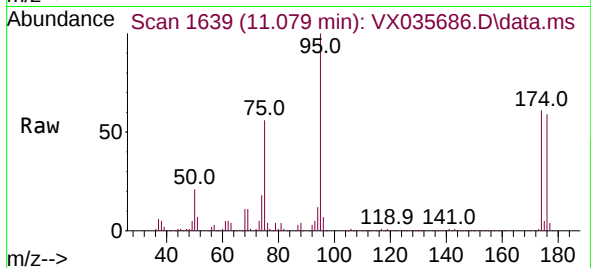
Tgt Ion: 98 Resp: 443613
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.072 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035686.D
Acq: 16 May 2023 13:20

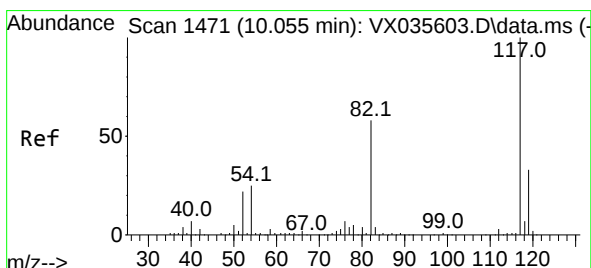
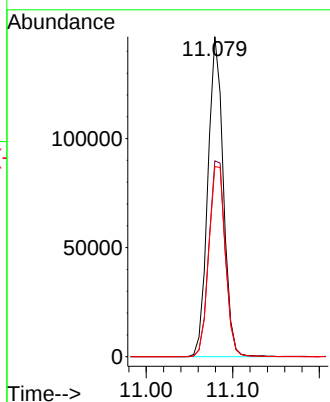
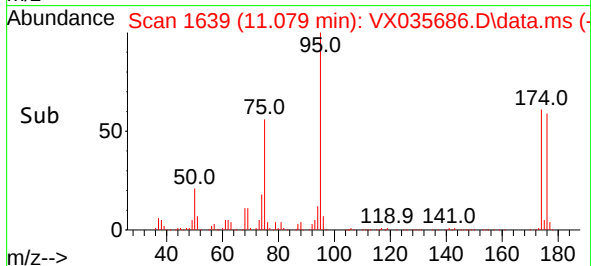
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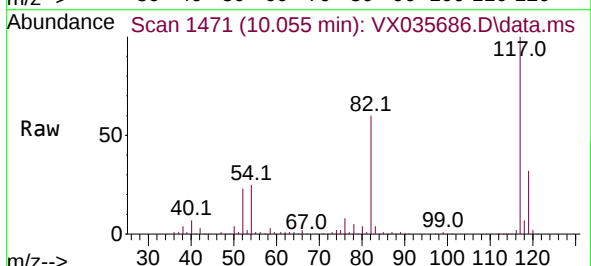
Tgt Ion: 95 Resp: 181348
Ion Ratio Lower Upper
95 100
174 65.2 0.0 147.4
176 63.7 0.0 140.6

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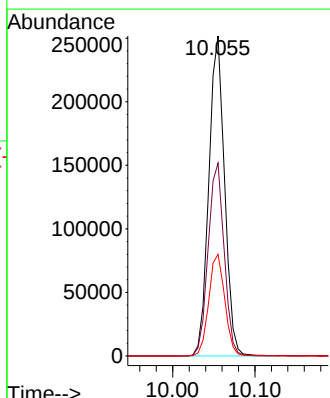
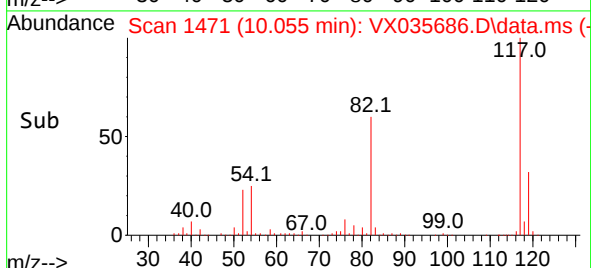
Reviewed By :John Carlone 05/17/2023
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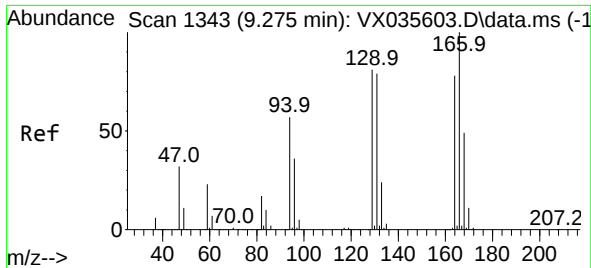


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035686.D
Acq: 16 May 2023 13:20



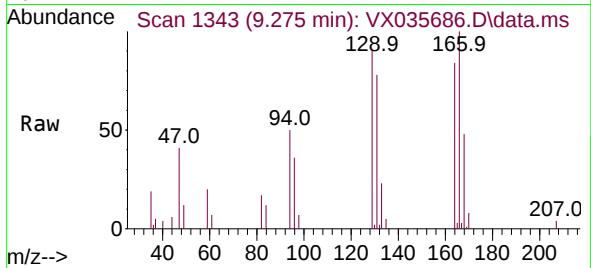
Tgt Ion:117 Resp: 334865
Ion Ratio Lower Upper
117 100
82 60.3 45.0 67.4
119 31.7 26.0 39.0





#64
Tetrachloroethene
Concen: 1.739 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035686.D
Acq: 16 May 2023 13:20

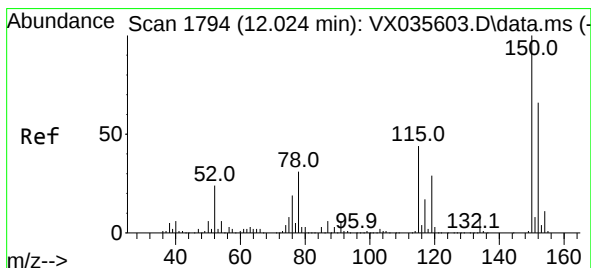
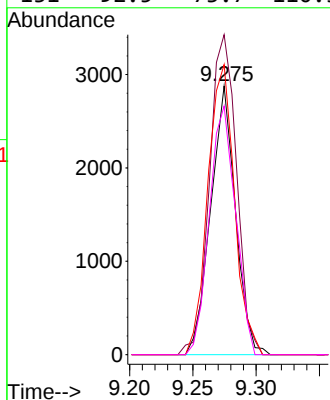
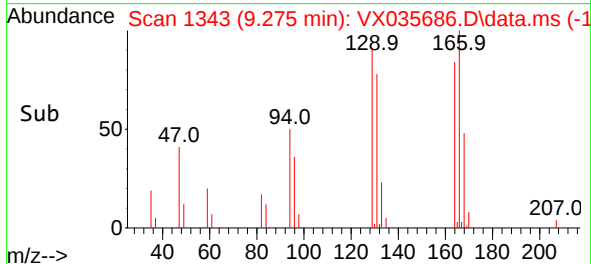
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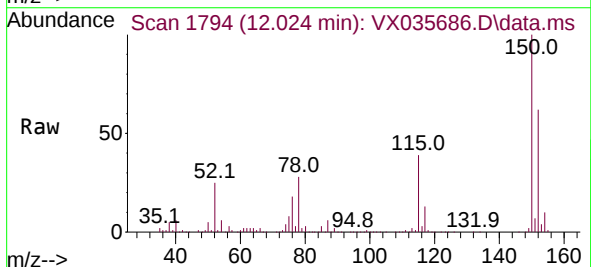
Tgt Ion:164 Resp: 392
Ion Ratio Lower Upper
164 100
166 119.1 102.7 154.1
129 108.0 75.6 113.4
131 92.5 73.7 110.5

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035686.D
Acq: 16 May 2023 13:20



Tgt Ion:152 Resp: 150480
Ion Ratio Lower Upper
152 100
115 66.0 45.0 135.0
150 161.0 0.0 352.4

