

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032321.D
 Acq On : 22 Oct 2022 05:11
 Operator : JC/MD
 Sample : N5248-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-28-20221019

Quant Time: Oct 22 06:05:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89640	48.401	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.800%		
35) Dibromofluoromethane	5.391	113	69570	45.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.440%		
50) Toluene-d8	8.647	98	259554	46.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.740%		
62) 4-Bromofluorobenzene	11.079	95	90494	44.623	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.240%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.319	96	329	0.259	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	385	0.278	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	5388	3.325	ug/l	90
30) Chloroform	5.092	83	1409m	0.513	ug/l	
32) 1,1,1-Trichloroethane	5.391	97	16864	7.195	ug/l	98
38) Carbon Tetrachloride	5.690	117	1088	0.521	ug/l #	72
44) Trichloroethene	7.129	130	327653	207.437	ug/l	99
64) Tetrachloroethene	9.275	164	34779	27.104	ug/l	97

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

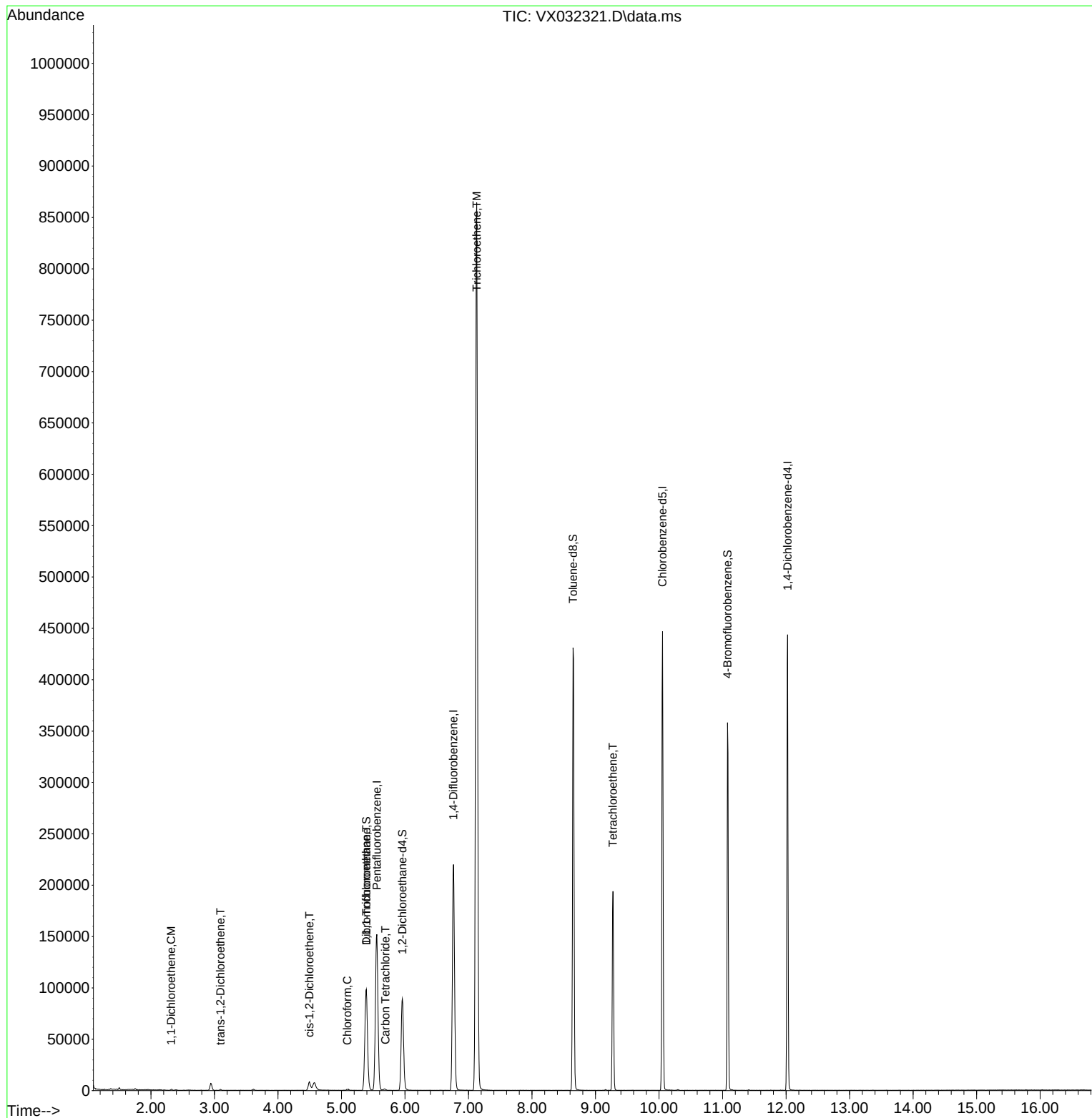
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
Data File : VX032321.D
Acq On : 22 Oct 2022 05:11
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Sample : N5248-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

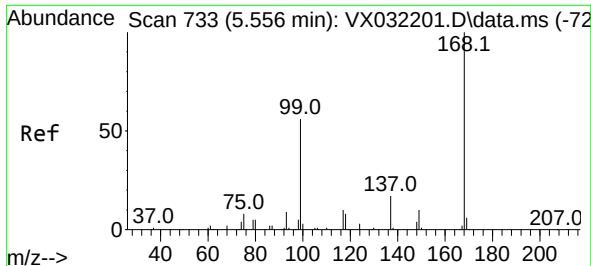
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019

Quant Time: Oct 22 06:05:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

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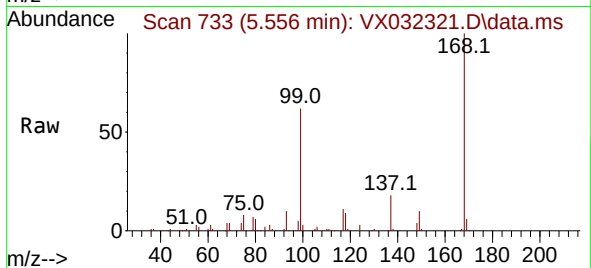
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032321.D
Acq: 22 Oct 2022 05:11

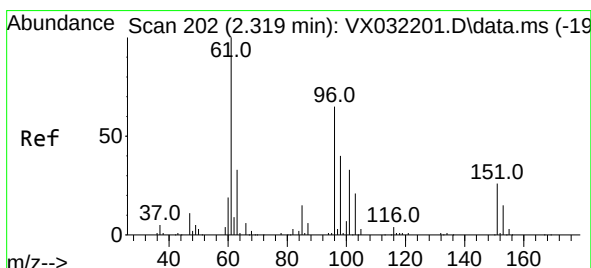
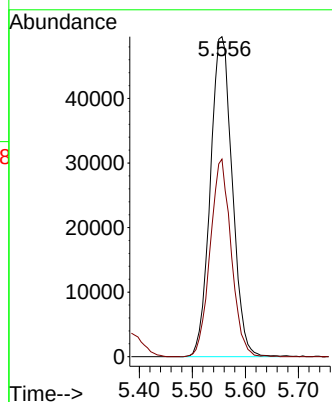
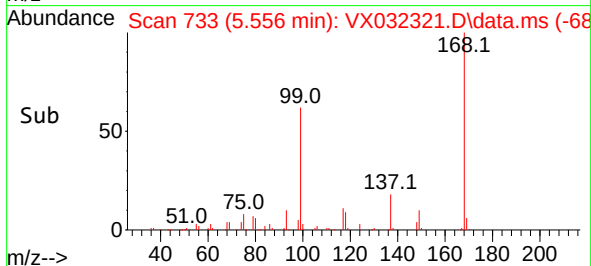
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019



Tgt Ion:168 Resp: 14236
Ion Ratio Lower Upper
168 100
99 61.7 44.8 67.2

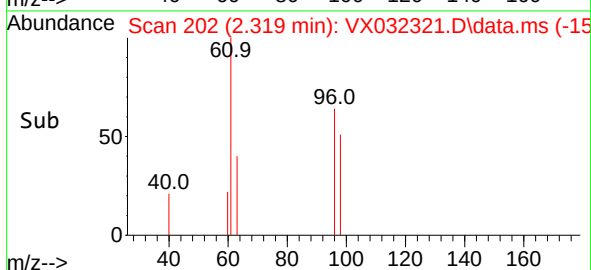
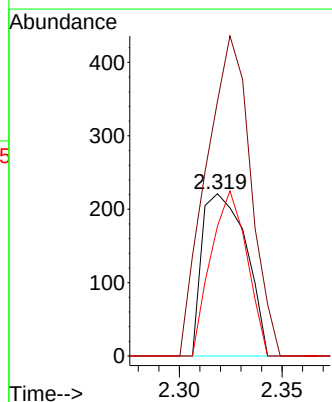
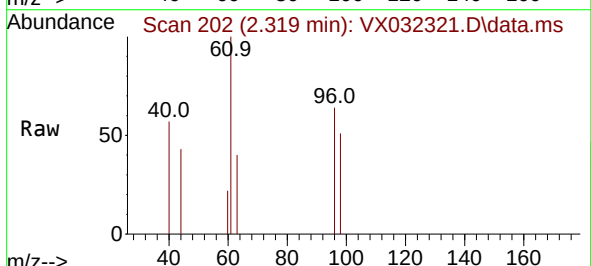
Manual Integrations
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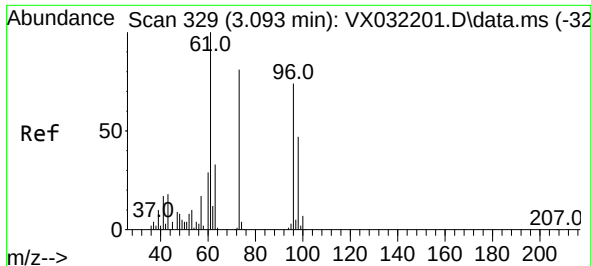
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#12
1,1-Dichloroethene
Concen: 0.259 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032321.D
Acq: 22 Oct 2022 05:11

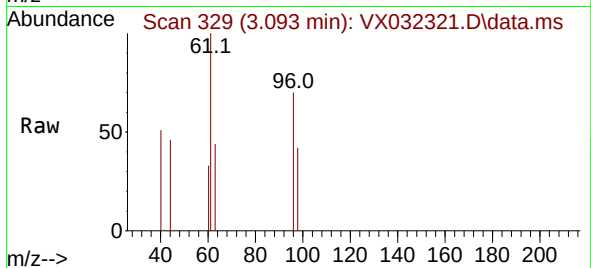
Tgt Ion: 96 Resp: 329
Ion Ratio Lower Upper
96 100
61 157.0 124.0 186.0
98 80.1 50.0 75.0#





#21
trans-1,2-Dichloroethene
Concen: 0.278 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032321.D
Acq: 22 Oct 2022 05:11

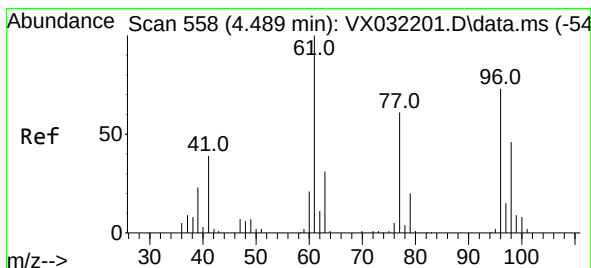
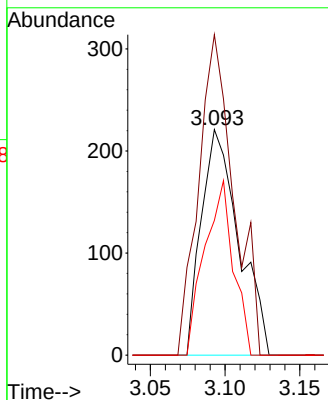
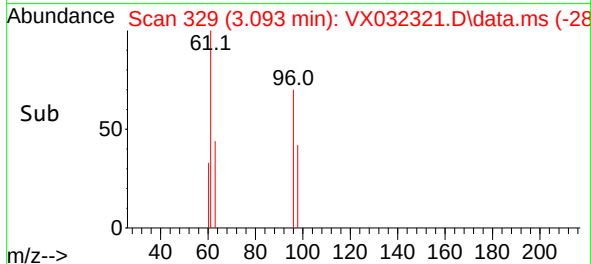
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019



Tgt Ion: 96 Resp: 388
Ion Ratio Lower Upper
96 100
61 142.1 107.7 161.5
98 59.7 50.2 75.4

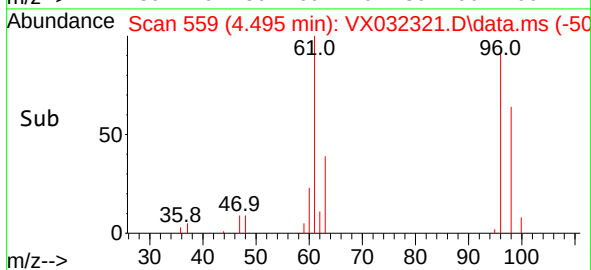
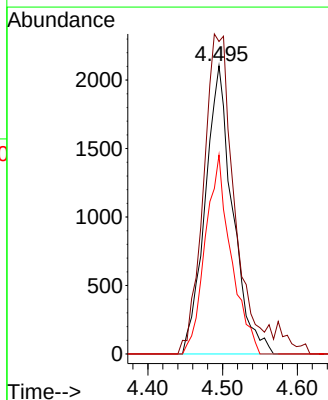
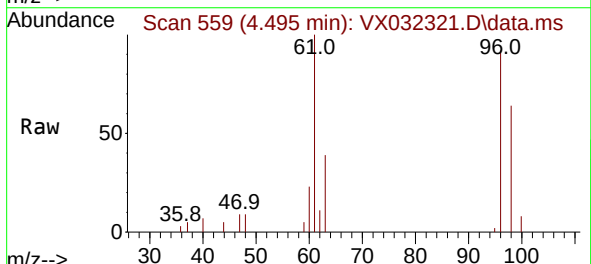
Manual Integrations
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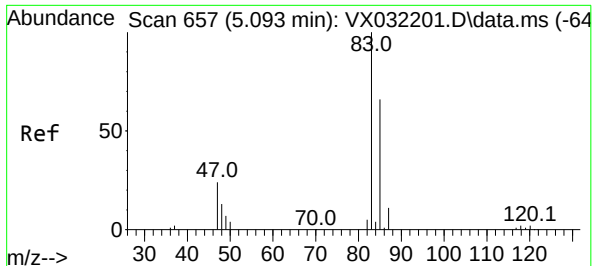
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#27
cis-1,2-Dichloroethene
Concen: 3.325 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX032321.D
Acq: 22 Oct 2022 05:11

Tgt Ion: 96 Resp: 5388
Ion Ratio Lower Upper
96 100
61 123.1 0.0 279.2
98 64.6 0.0 128.0





#30

Chloroform

Concen: 0.513 ug/l m

RT: 5.092 min Scan# 6

Delta R.T. -0.001 min

Lab File: VX032321.D

Acq: 22 Oct 2022 05:11

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-28-20221019

Tgt Ion: 83 Resp: 1409

Ion Ratio Lower Upper

83 100

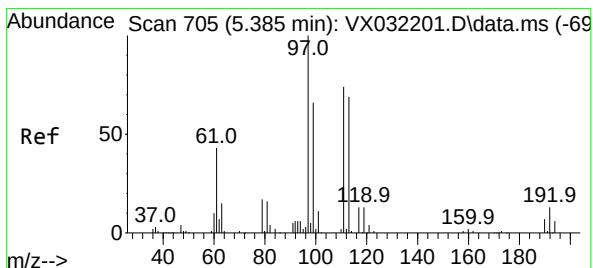
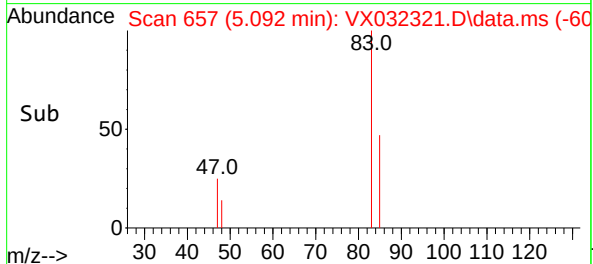
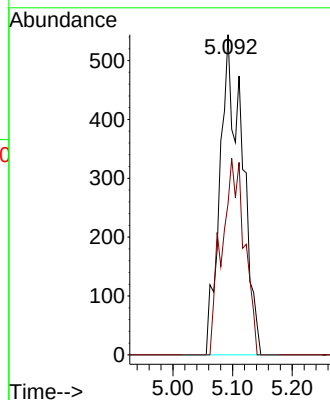
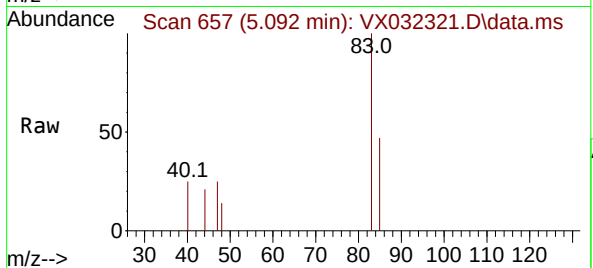
85 47.2 52.5 78.7

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 7.195 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX032321.D

Acq: 22 Oct 2022 05:11

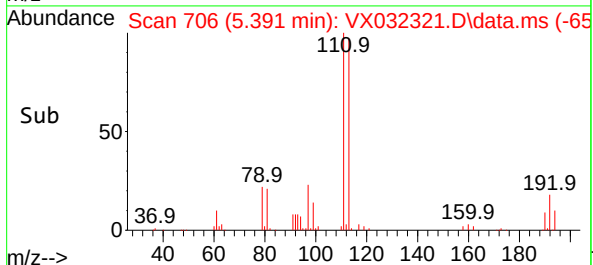
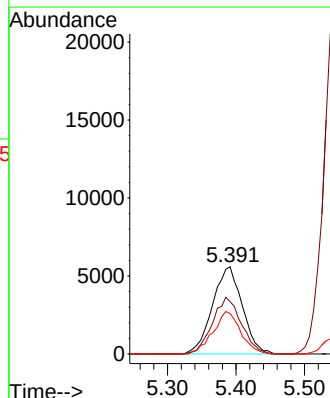
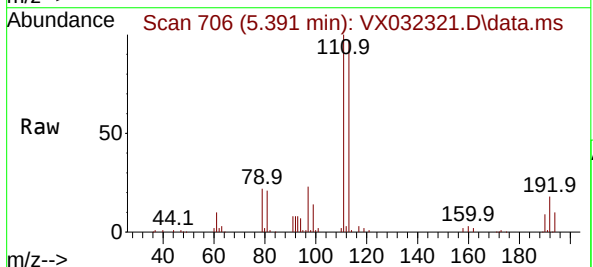
Tgt Ion: 97 Resp: 16864

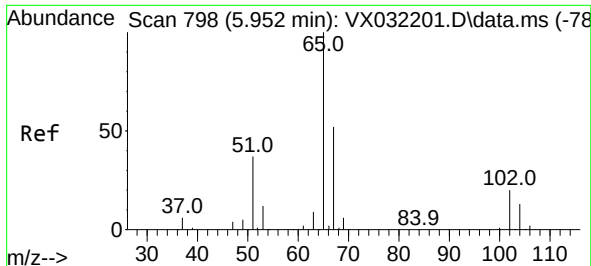
Ion Ratio Lower Upper

97 100

99 62.9 51.8 77.8

61 44.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 48.401 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032321.D

Acq: 22 Oct 2022 05:11

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-28-20221019

Tgt Ion: 65 Resp: 89640

Ion Ratio Lower Upper

65 100

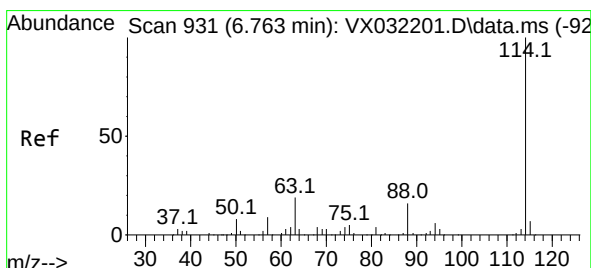
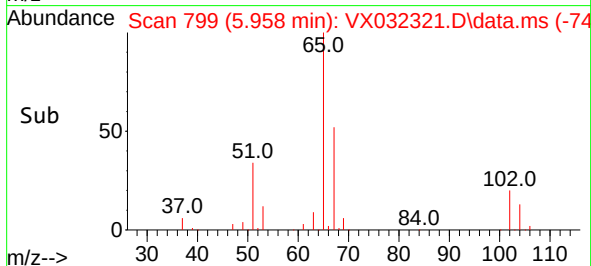
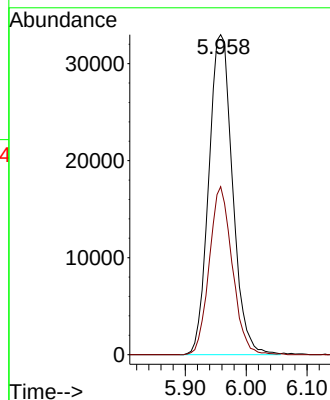
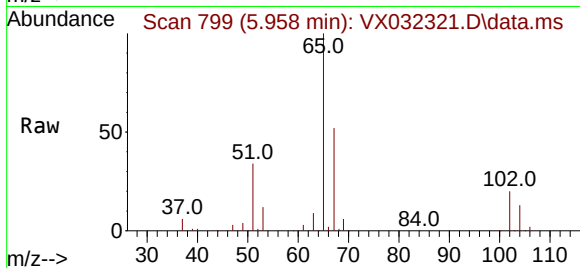
67 50.6 0.0 103.6

Manual Integrations

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032321.D

Acq: 22 Oct 2022 05:11

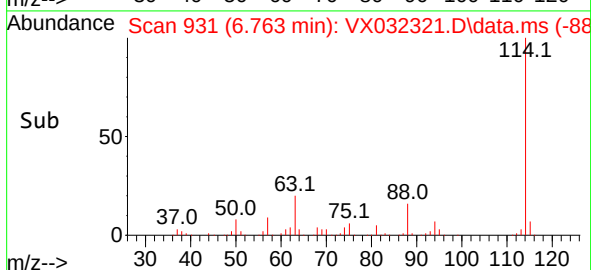
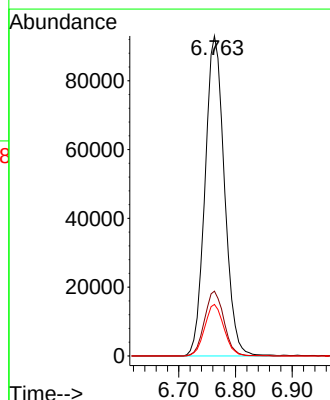
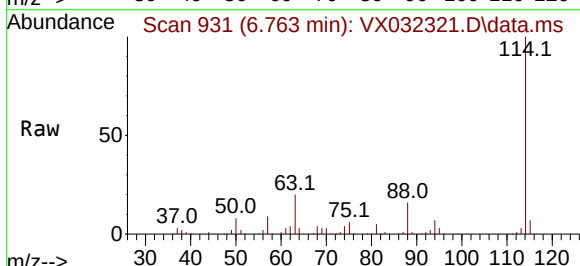
Tgt Ion:114 Resp: 221091

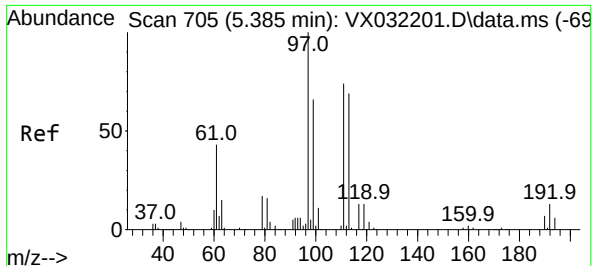
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.6

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.219 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032321.D

Acq: 22 Oct 2022 05:11

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-28-20221019

Tgt Ion:113 Resp: 69570

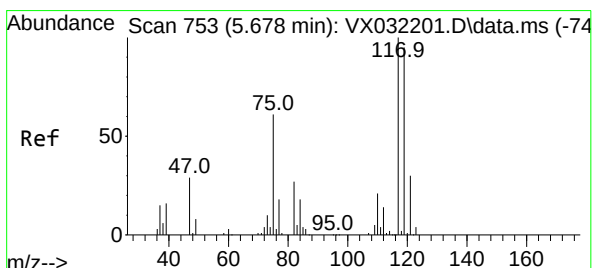
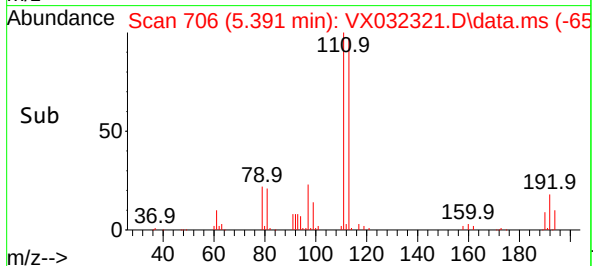
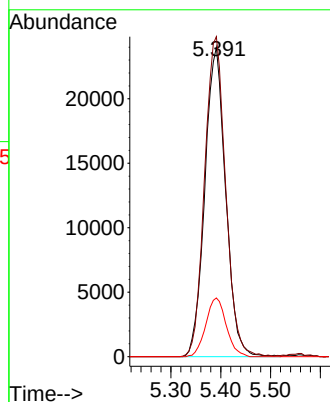
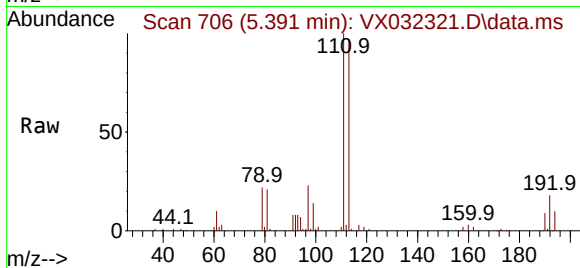
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.8	124.2
192	18.6	15.5	23.3

Manual Integrations

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#38

Carbon Tetrachloride

Concen: 0.521 ug/l

RT: 5.690 min Scan# 755

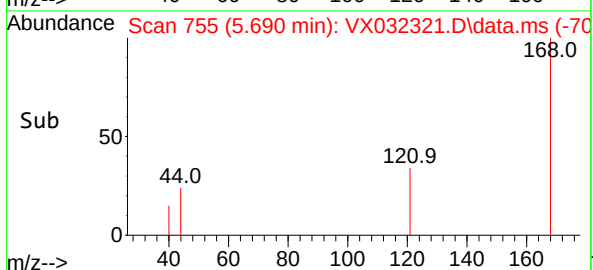
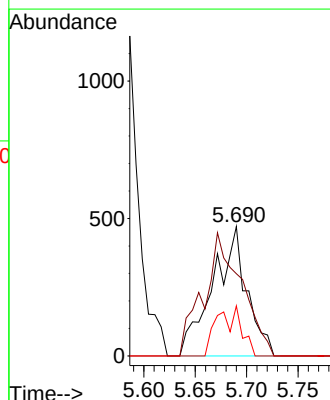
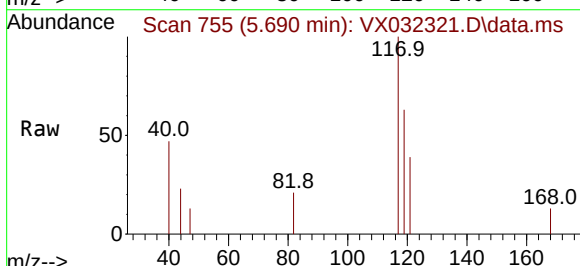
Delta R.T. 0.012 min

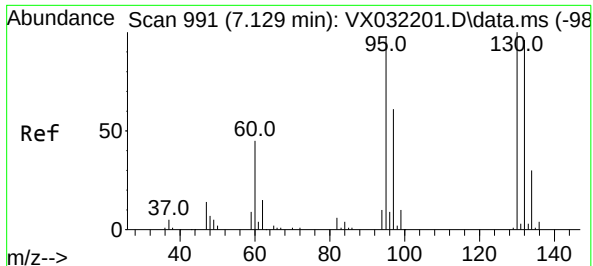
Lab File: VX032321.D

Acq: 22 Oct 2022 05:11

Tgt Ion:117 Resp: 1088

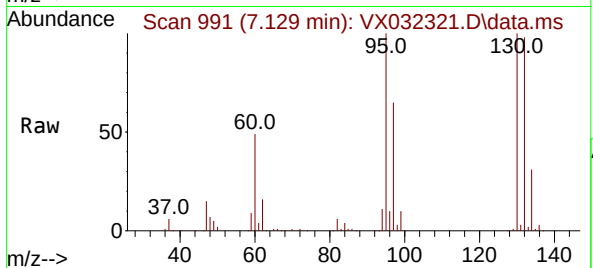
Ion	Ratio	Lower	Upper
117	100		
119	63.5	75.4	113.0#
121	38.6	23.9	35.9#





#44
Trichloroethene
Concen: 207.437 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032321.D
Acq: 22 Oct 2022 05:11

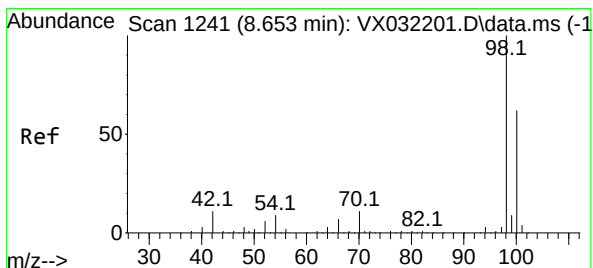
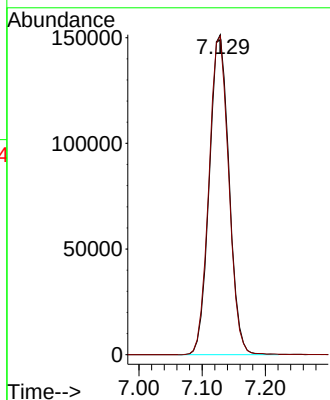
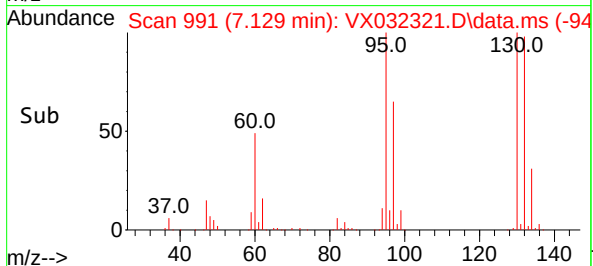
Instrument : MSVOA_X
ClientSampleId : FSND-MW-28-20221019



Tgt Ion:130 Resp: 32765
Ion Ratio Lower Upper
130 100
95 99.5 0.0 196.8

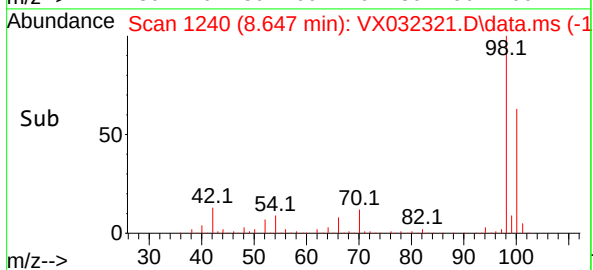
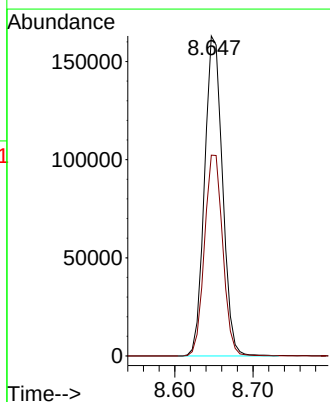
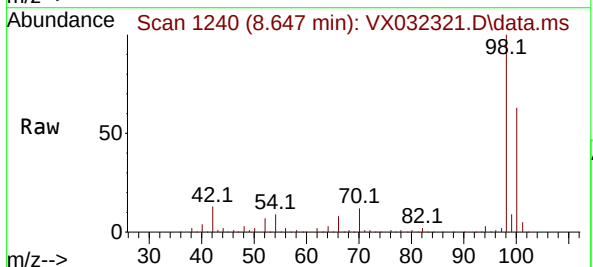
Manual Integrations
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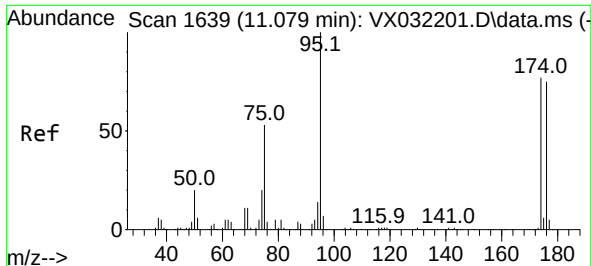
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#50
Toluene-d8
Concen: 46.867 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032321.D
Acq: 22 Oct 2022 05:11

Tgt Ion: 98 Resp: 259554
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 44.623 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032321.D

Acq: 22 Oct 2022 05:11

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-28-20221019

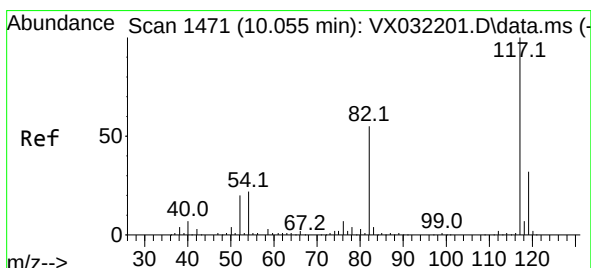
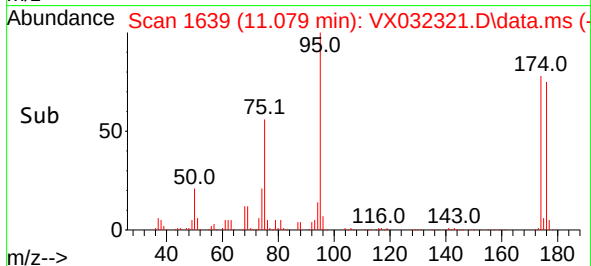
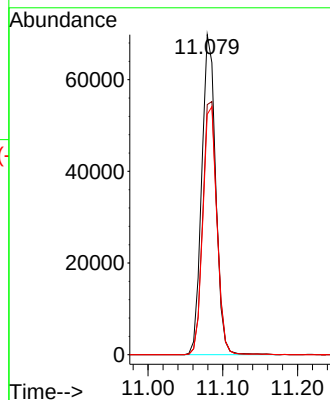
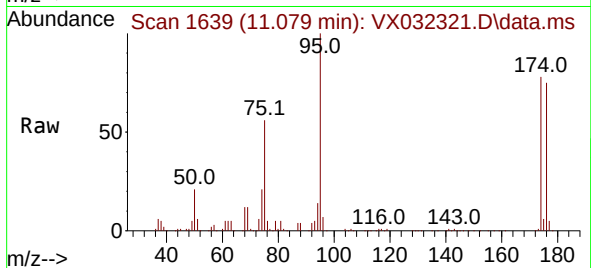
Tgt Ion: 95	Resp: 90494
Ion Ratio	Lower Upper
95 100	
174 80.4	0.0 166.8
176 78.0	0.0 161.4

Manual Integrations

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

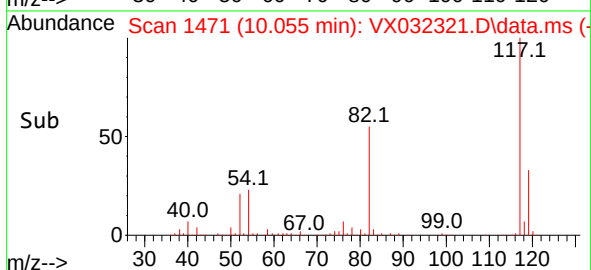
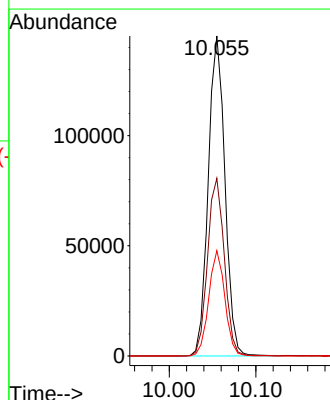
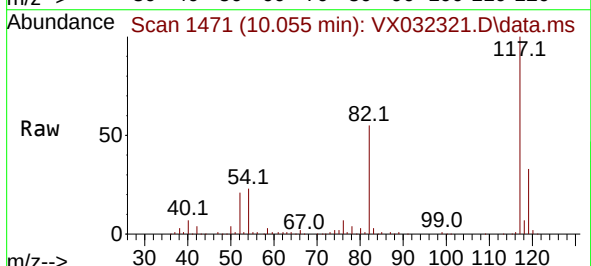
RT: 10.055 min Scan# 1471

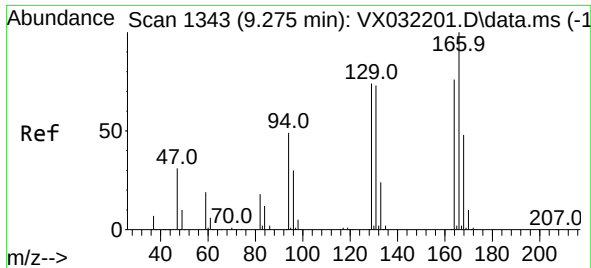
Delta R.T. -0.000 min

Lab File: VX032321.D

Acq: 22 Oct 2022 05:11

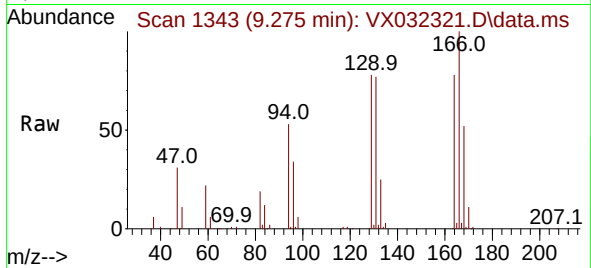
Tgt Ion: 117	Resp: 194317
Ion Ratio	Lower Upper
117 100	
82 55.5	44.2 66.4
119 32.9	25.8 38.8





#64
Tetrachloroethene
Concen: 27.104 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032321.D
Acq: 22 Oct 2022 05:11

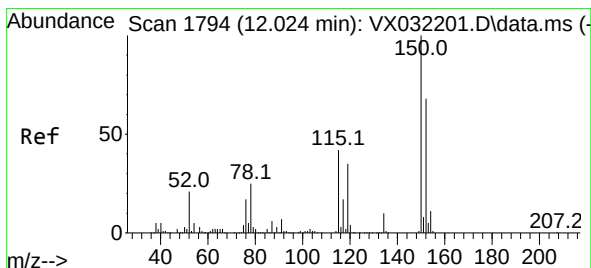
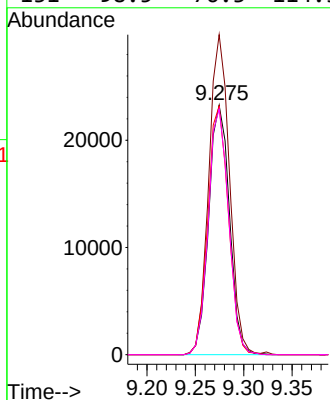
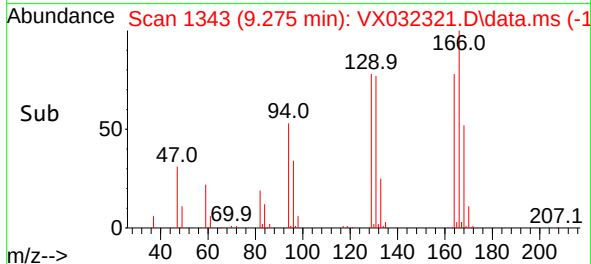
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-28-20221019



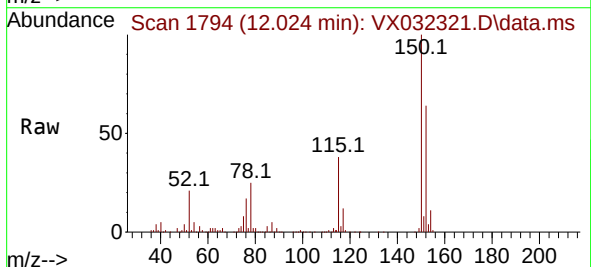
Tgt Ion:164 Resp: 34779
Ion Ratio Lower Upper
164 100
166 128.2 104.9 157.3
129 99.6 77.8 116.6
131 98.5 76.3 114.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032321.D
Acq: 22 Oct 2022 05:11



Tgt Ion:152 Resp: 88254
Ion Ratio Lower Upper
152 100
115 61.6 43.1 129.4
150 158.7 0.0 348.6

