

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035760.D
 Acq On : 19 May 2023 15:08
 Operator : JC/MD
 Sample : 02860-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-08-71-05112023

Quant Time: May 22 05:17:08 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 05/22/2023
 Supervised By : Mahesh Dadoda 05/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	203764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	381307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196821	55.369	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	110.740%		
35) Dibromofluoromethane	5.385	113	122890	47.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.580%		
50) Toluene-d8	8.646	98	457478	48.156	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.320%		
62) 4-Bromofluorobenzene	11.079	95	181080	47.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.680%		
Target Compounds						
						Qvalue
16) Acetone	2.422	43	24478	16.022	ug/l	95
17) Carbon Disulfide	2.507	76	1825	0.333	ug/l #	95
25) 2-Butanone	4.586	43	8185	3.870	ug/l #	87
27) cis-1,2-Dichloroethene	4.495	96	2184m	0.731	ug/l	
30) Chloroform	5.098	83	2504	0.480	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	3819	0.841	ug/l #	52
40) Benzene	6.037	78	2883	0.254	ug/l	93
44) Trichloroethene	7.122	130	126694	44.002	ug/l	94
51) 4-Methyl-2-Pentanone	8.579	43	2630	0.618	ug/l	90
52) Toluene	8.720	92	9229	1.288	ug/l	99
64) Tetrachloroethene	9.274	164	13521	5.899	ug/l	95
68) m/p-Xylenes	10.299	106	1724	0.334	ug/l	75

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

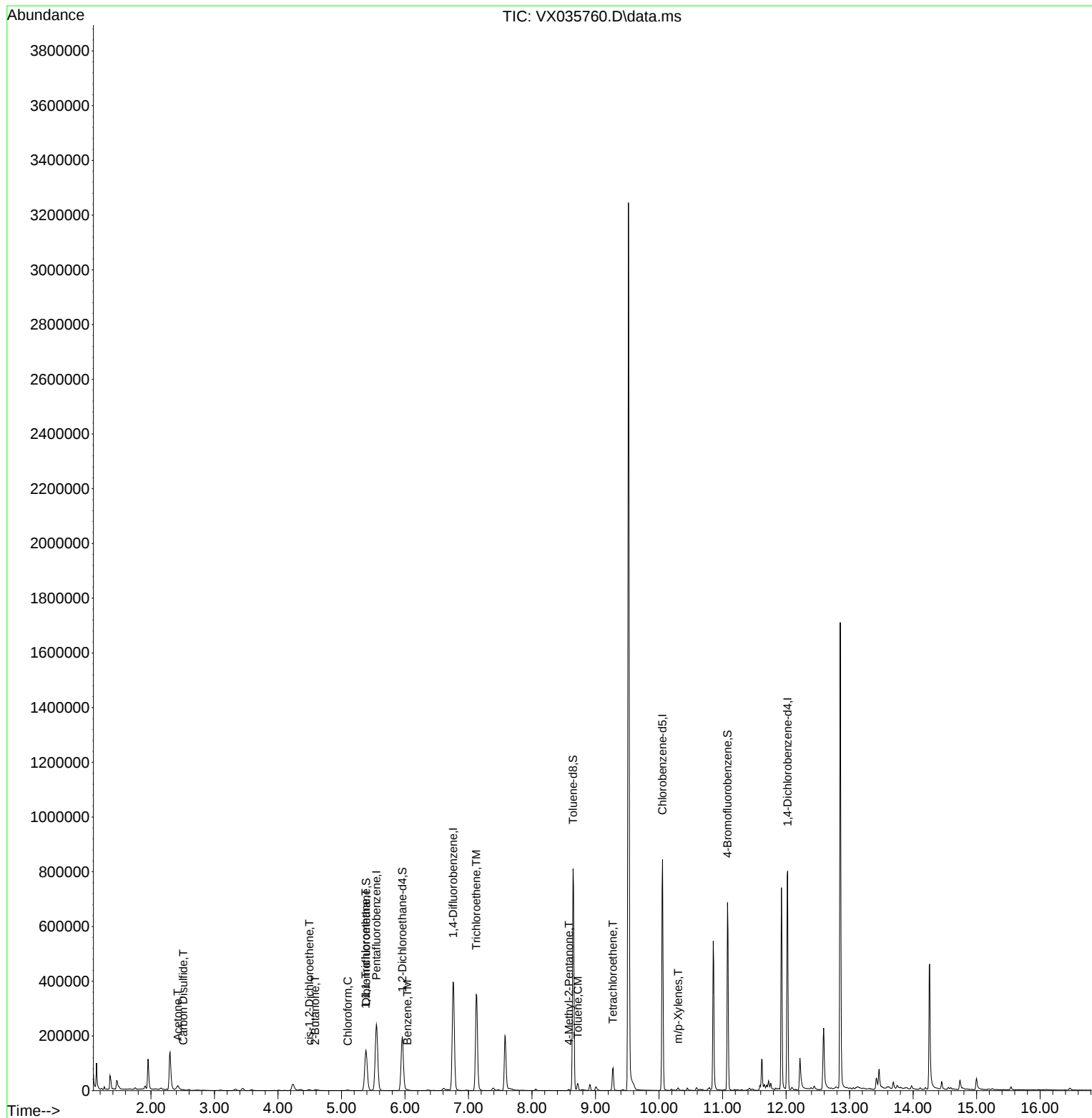
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
Data File : VX035760.D
Acq On : 19 May 2023 15:08
Operator : JC/MD
Sample : 02860-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-71-05112023

Quant Time: May 22 05:17:08 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

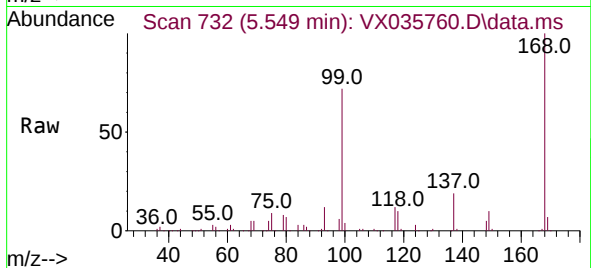
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 714
Delta R.T. -0.001 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

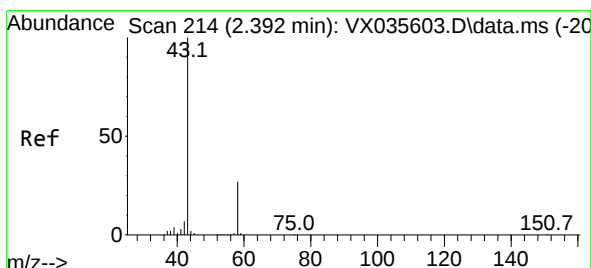
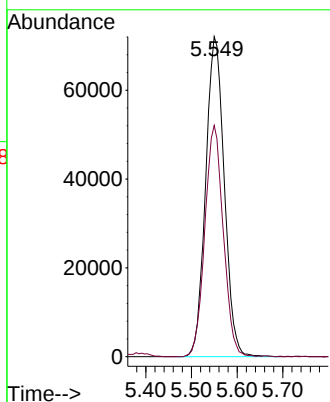
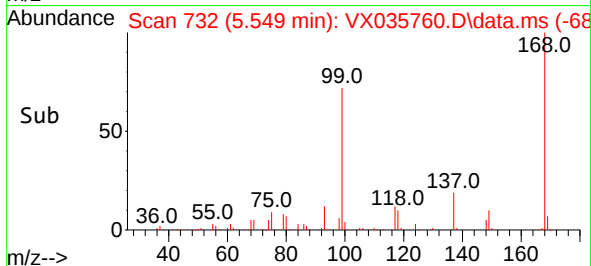
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-71-05112023



Tgt Ion:168 Resp: 203764
Ion Ratio Lower Upper
168 100
99 72.2 45.7 68.5

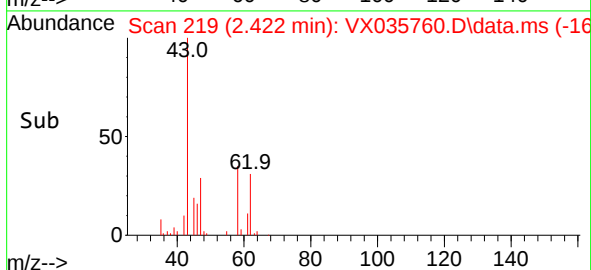
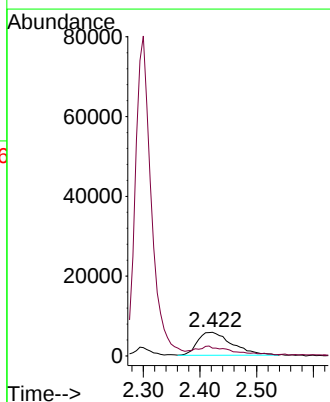
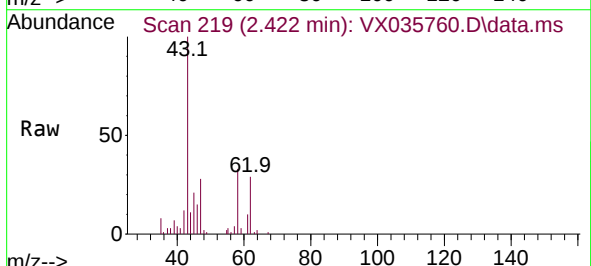
Manual Integrations
APPROVED

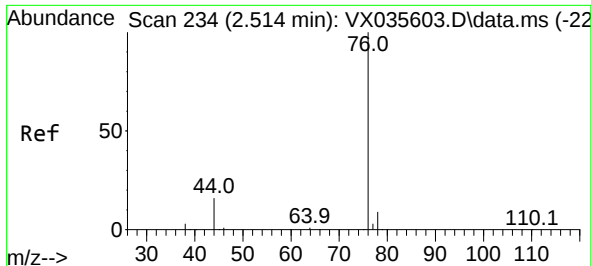
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#16
Acetone
Concen: 16.022 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.030 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Tgt Ion: 43 Resp: 24478
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1





#17

Carbon Disulfide

Concen: 0.333 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.007 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-71-05112023

Tgt Ion: 76 Resp: 182

Ion Ratio Lower Upper

76 100

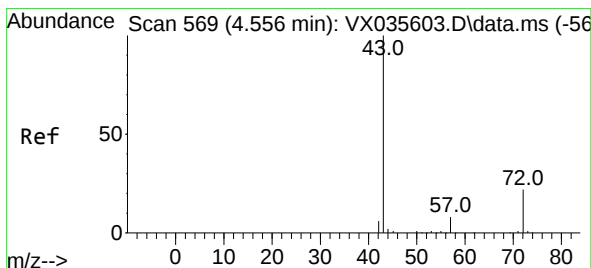
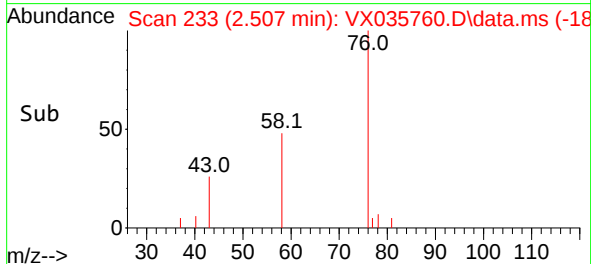
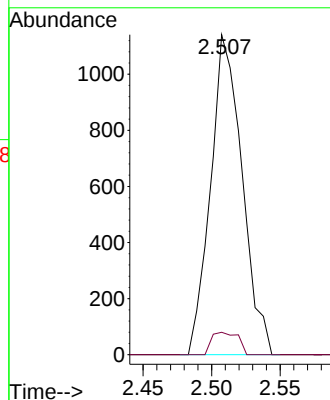
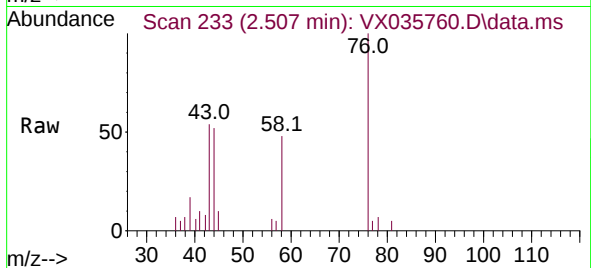
78 7.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#25

2-Butanone

Concen: 3.870 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.030 min

Lab File: VX035760.D

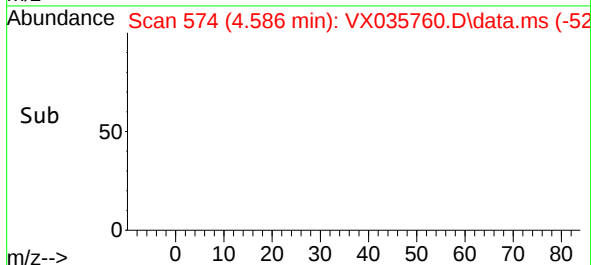
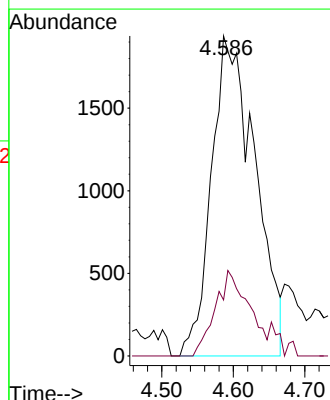
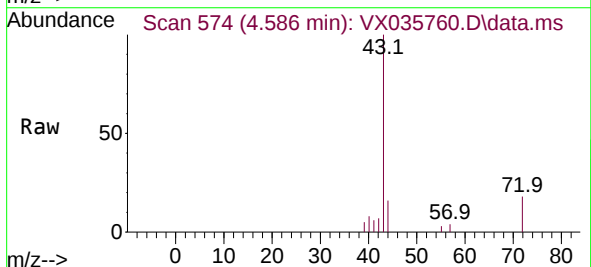
Acq: 19 May 2023 15:08

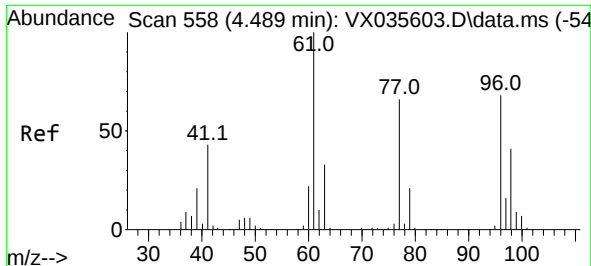
Tgt Ion: 43 Resp: 8185

Ion Ratio Lower Upper

43 100

72 17.5 19.3 28.9#





#27

cis-1,2-Dichloroethene

Concen: 0.731 ug/l m

RT: 4.495 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX035760.D

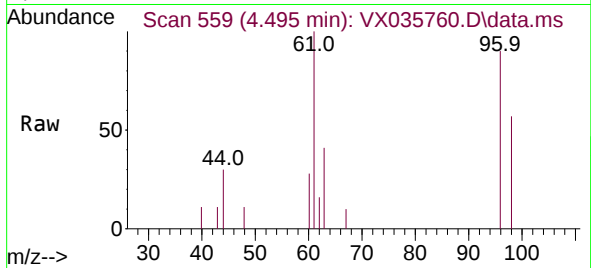
Acq: 19 May 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-71-05112023



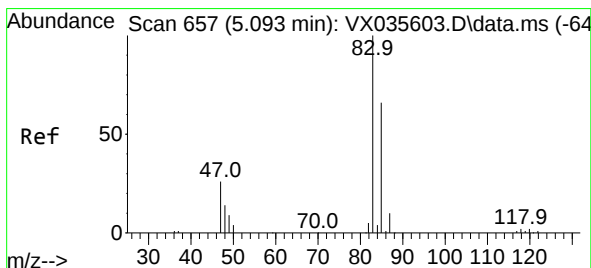
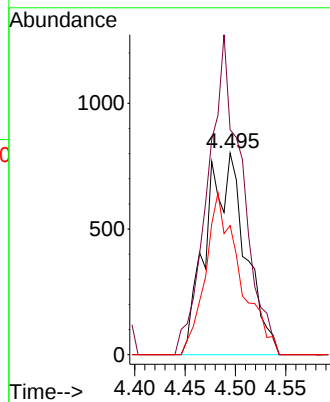
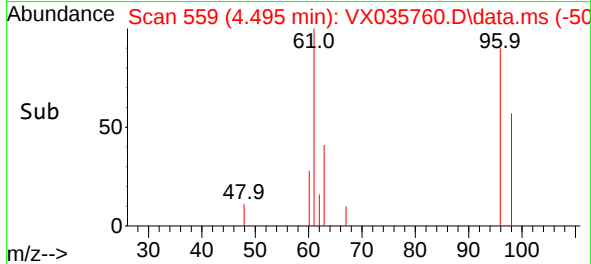
Tgt Ion: 96	Resp: 2184
Ion Ratio	Lower Upper
96 100	
61 137.9	0.0 300.4
98 70.4	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#30

Chloroform

Concen: 0.480 ug/l

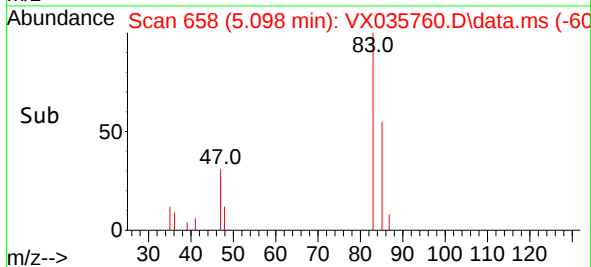
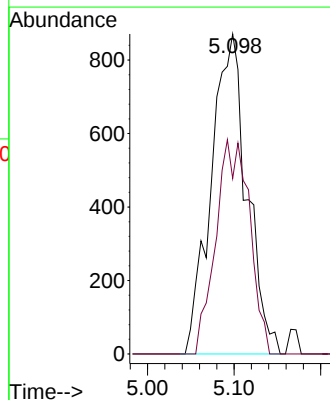
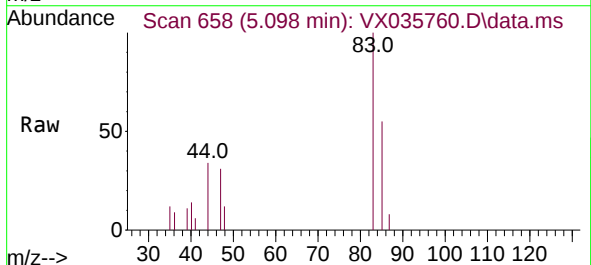
RT: 5.098 min Scan# 658

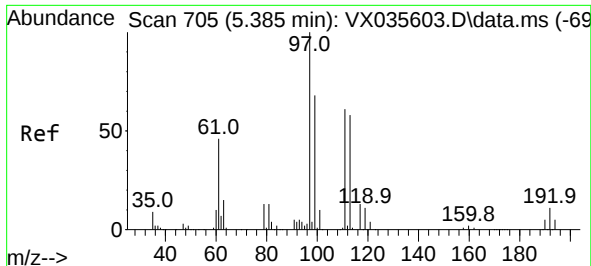
Delta R.T. 0.005 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

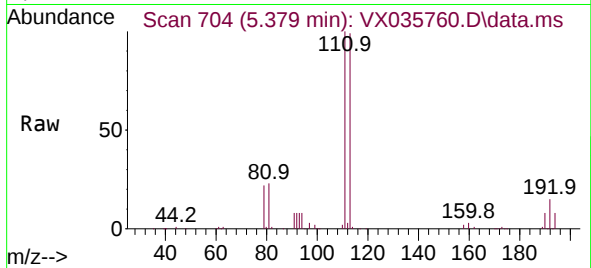
Tgt Ion: 83	Resp: 2504
Ion Ratio	Lower Upper
83 100	
85 54.9	50.6 76.0





#32
1,1,1-Trichloroethane
Concen: 0.841 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

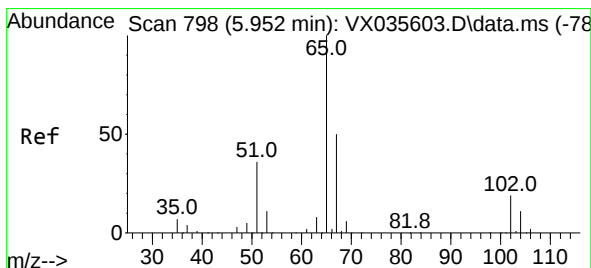
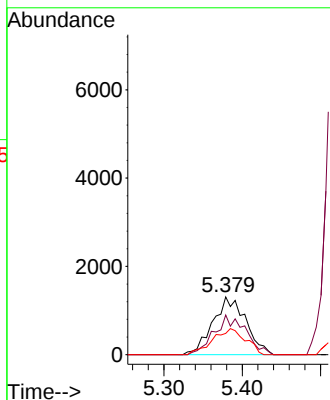
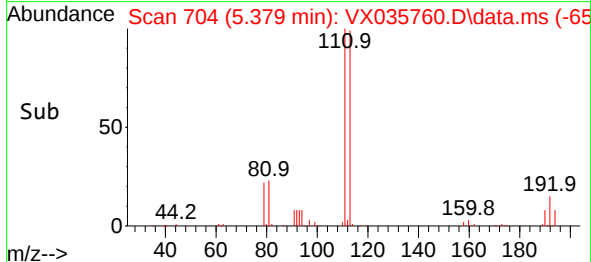
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-71-05112023



Tgt Ion: 97 Resp: 3819
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7
61 45.0 36.5 54.7

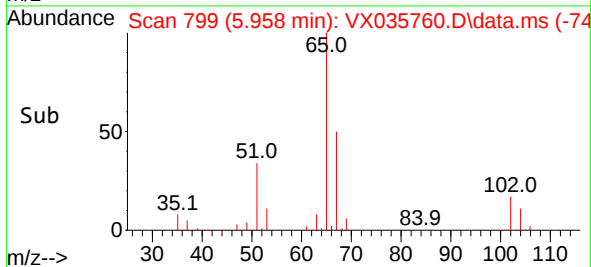
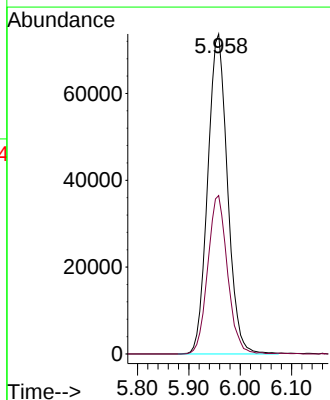
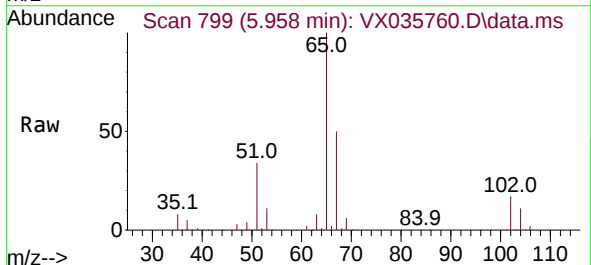
Manual Integrations
APPROVED

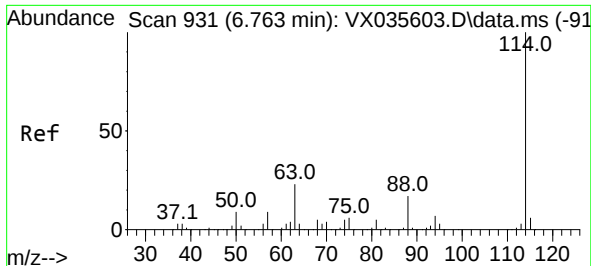
Reviewed By :John Carbone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#33
1,2-Dichloroethane-d4
Concen: 55.369 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

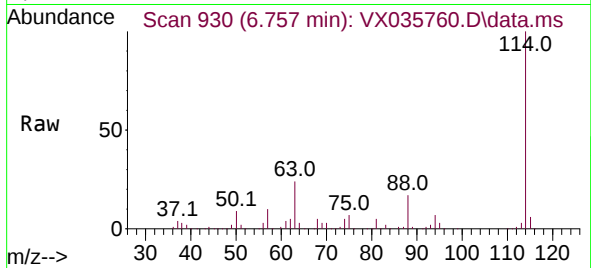
Tgt Ion: 65 Resp: 196821
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

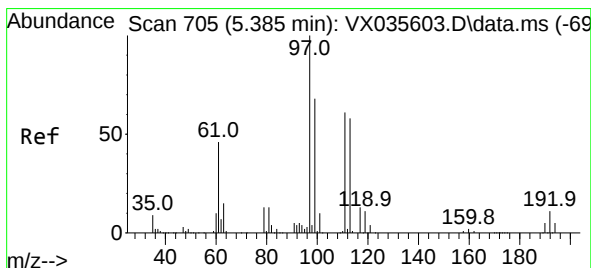
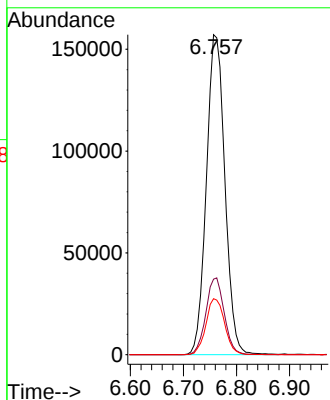
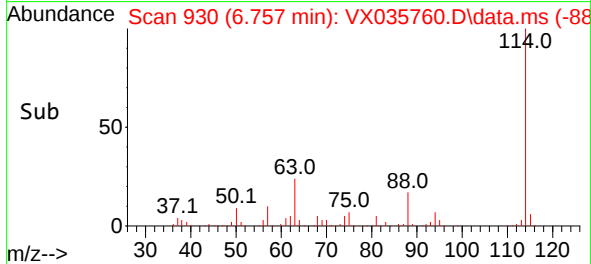
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-71-05112023



Tgt Ion:114 Resp: 38130
Ion Ratio Lower Upper
114 100
63 23.6 0.0 42.2
88 17.5 0.0 33.2

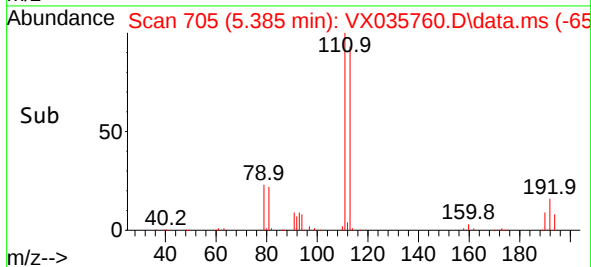
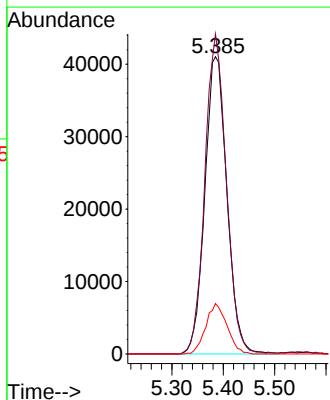
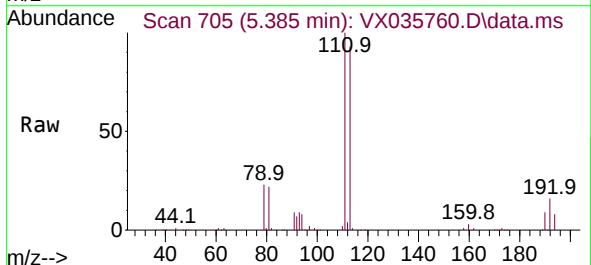
Manual Integrations
APPROVED

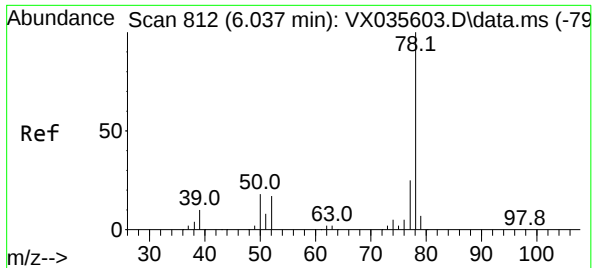
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#35
Dibromofluoromethane
Concen: 47.789 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Tgt Ion:113 Resp: 122890
Ion Ratio Lower Upper
113 100
111 104.1 83.7 125.5
192 16.3 15.4 23.2





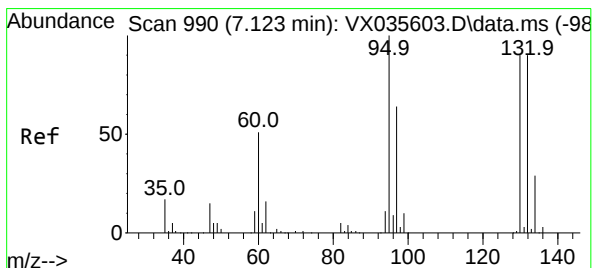
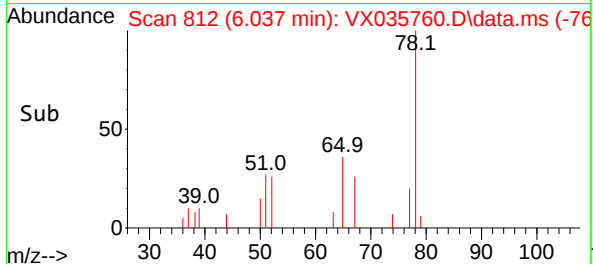
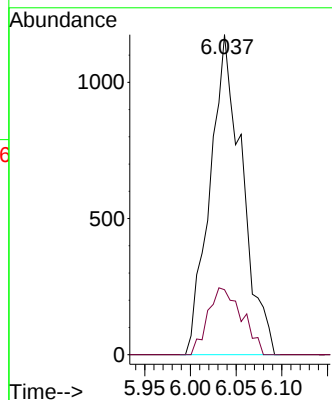
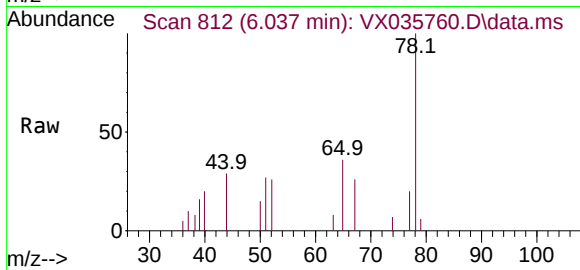
#40
Benzene
Concen: 0.254 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-71-05112023

Tgt Ion: 78 Resp: 288
Ion Ratio Lower Upper
78 100
77 20.3 19.0 28.4

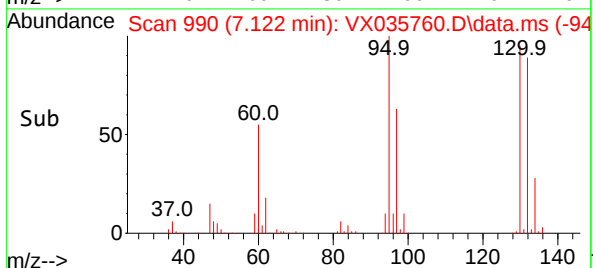
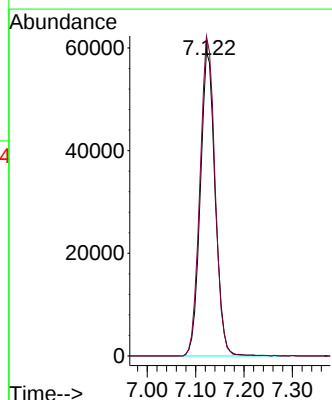
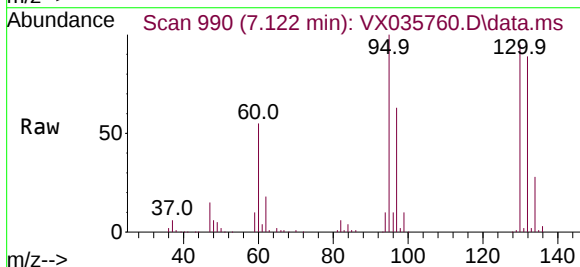
Manual Integrations
APPROVED

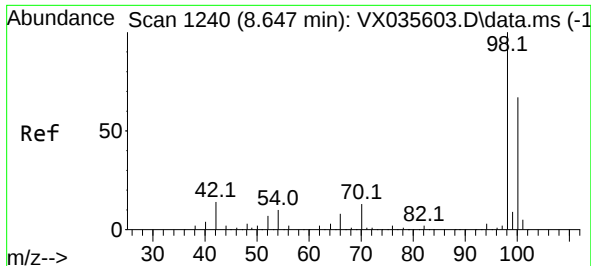
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#44
Trichloroethene
Concen: 44.002 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

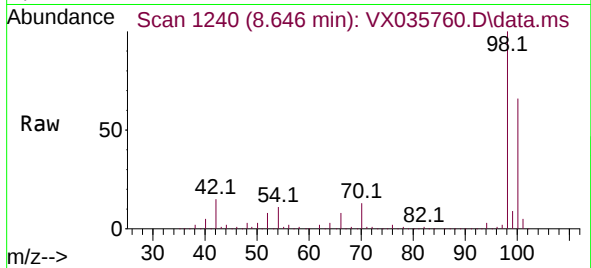
Tgt Ion:130 Resp: 126694
Ion Ratio Lower Upper
130 100
95 105.1 0.0 198.4





#50
Toluene-d8
Concen: 48.156 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

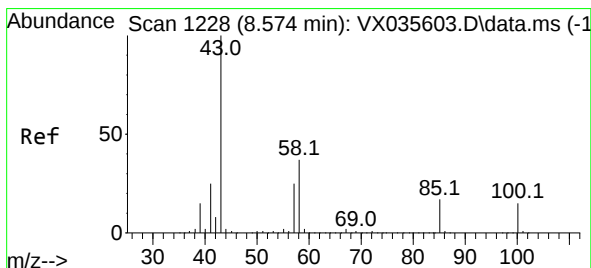
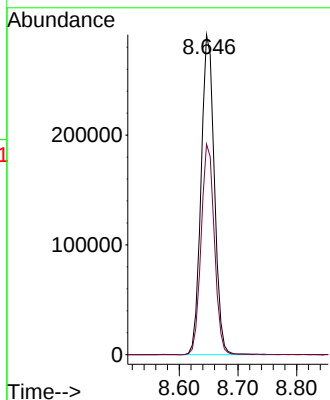
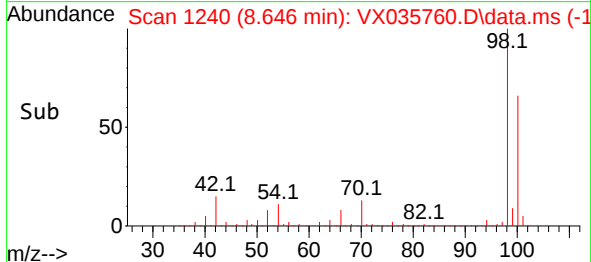
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-08-71-05112023



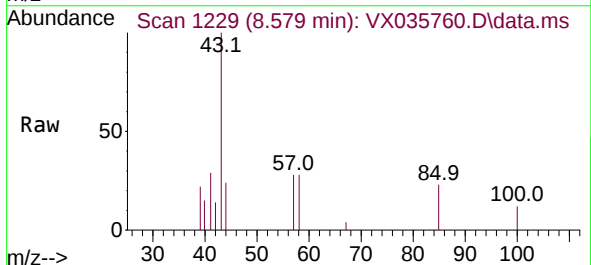
Tgt Ion: 98 Resp: 457478
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

Manual Integrations
APPROVED

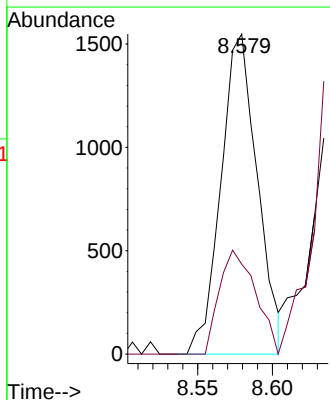
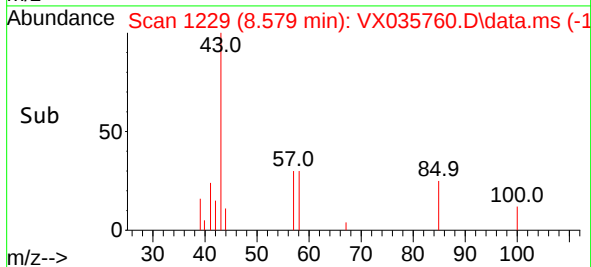
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

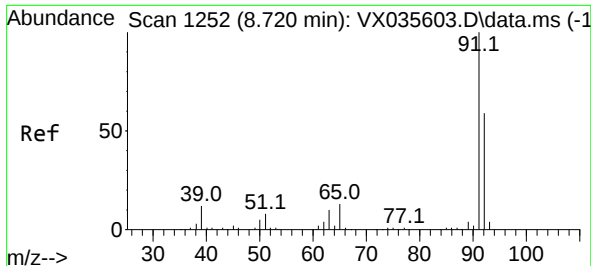


#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.005 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08



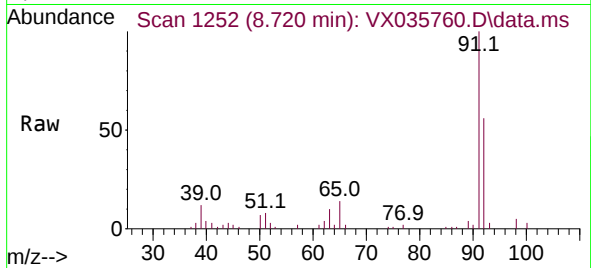
Tgt Ion: 43 Resp: 2630
Ion Ratio Lower Upper
43 100
58 32.2 30.6 46.0





#52
Toluene
Concen: 1.288 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

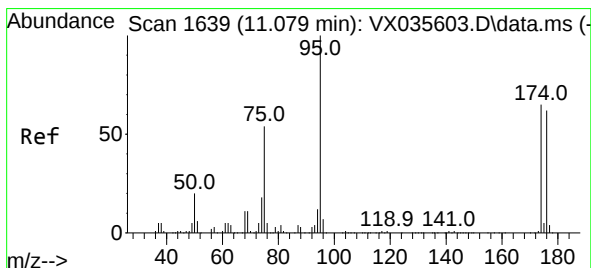
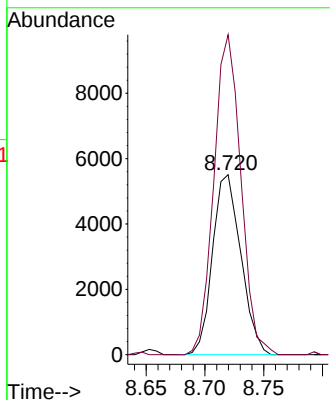
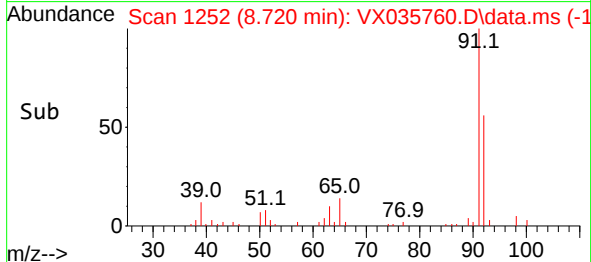
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-08-71-05112023



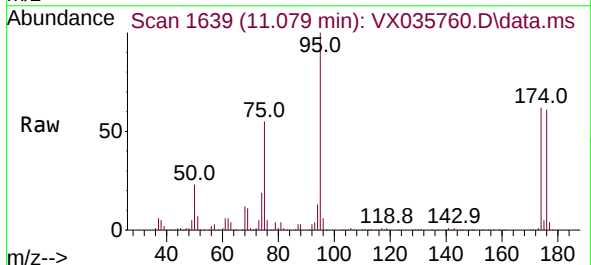
Tgt Ion: 92 Resp: 9229
Ion Ratio Lower Upper
92 100
91 169.7 136.8 205.2

Manual Integrations
APPROVED

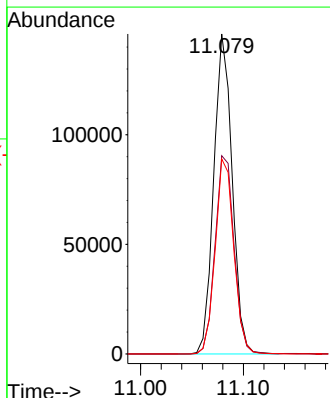
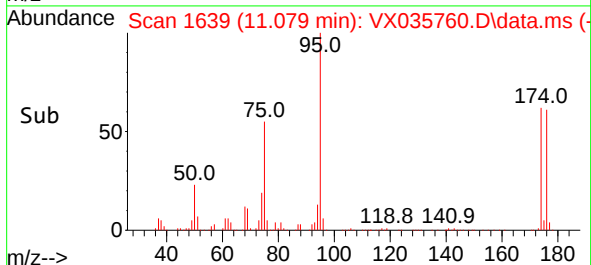
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

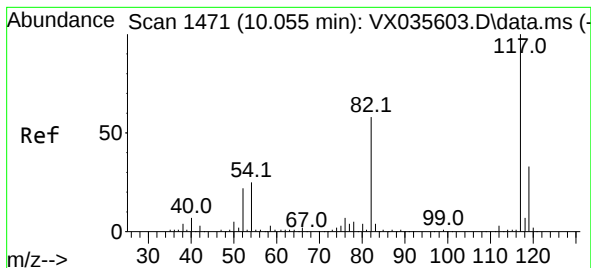


#62
4-Bromofluorobenzene
Concen: 47.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08



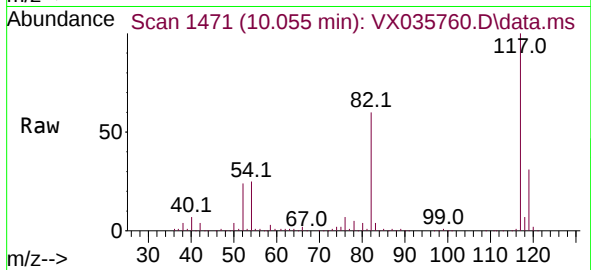
Tgt Ion: 95 Resp: 181080
Ion Ratio Lower Upper
95 100
174 64.0 0.0 147.4
176 61.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

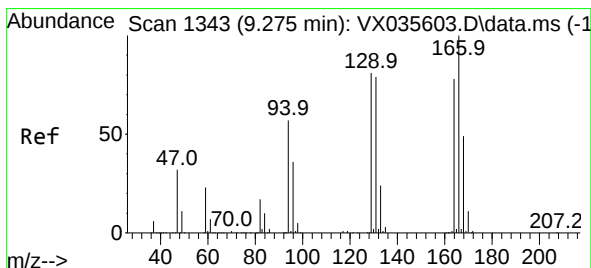
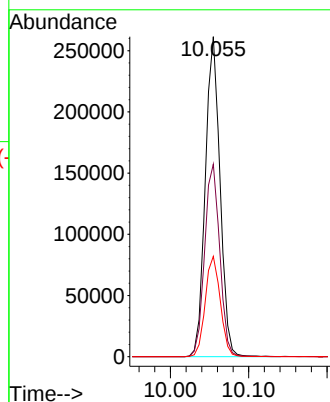
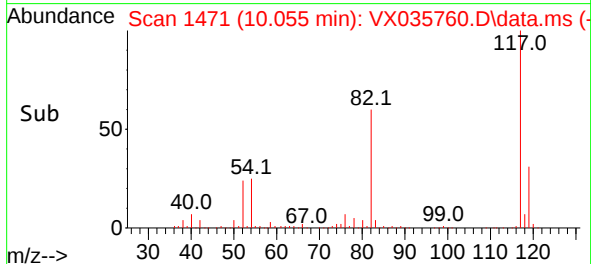
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-08-71-05112023



Tgt Ion:117 Resp: 34048
Ion Ratio Lower Upper
117 100
82 60.2 45.0 67.4
119 31.4 26.0 39.0

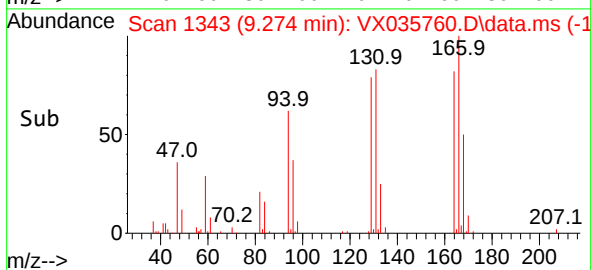
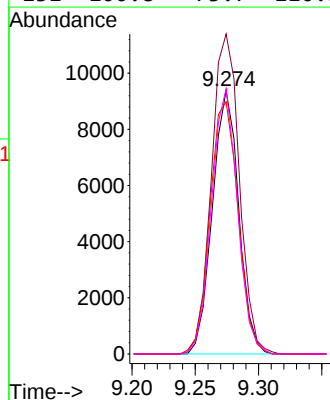
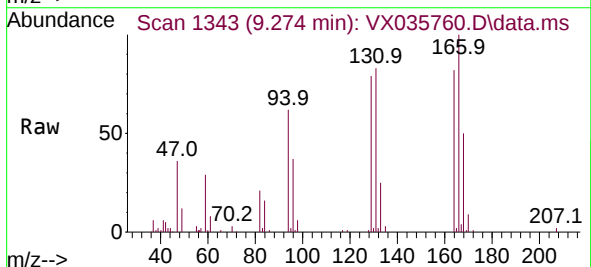
Manual Integrations
APPROVED

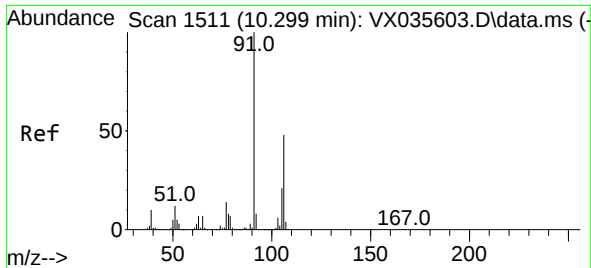
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#64
Tetrachloroethene
Concen: 5.899 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Tgt Ion:164 Resp: 13521
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 95.9 75.6 113.4
131 100.8 73.7 110.5





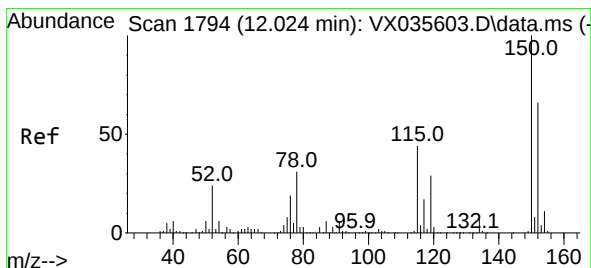
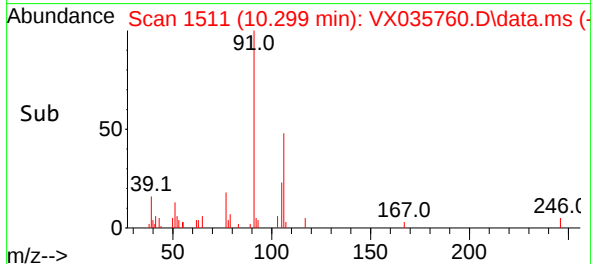
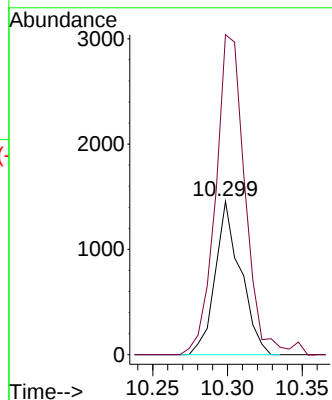
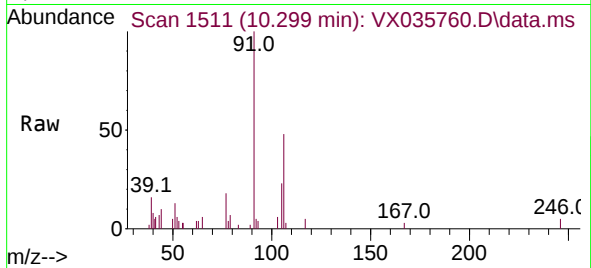
#68
m/p-Xylenes
Concen: 0.334 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-71-05112023

Tgt Ion:106 Resp: 1724
Ion Ratio Lower Upper
106 100
91 242.8 164.0 246.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Tgt Ion:152 Resp: 151269
Ion Ratio Lower Upper
152 100
115 67.2 45.0 135.0
150 158.0 0.0 352.4

