

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038852.D
 Acq On : 16 Nov 2023 20:55
 Operator : JC/MD
 Sample : 05363-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-2-20231107

Quant Time: Nov 16 23:08:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

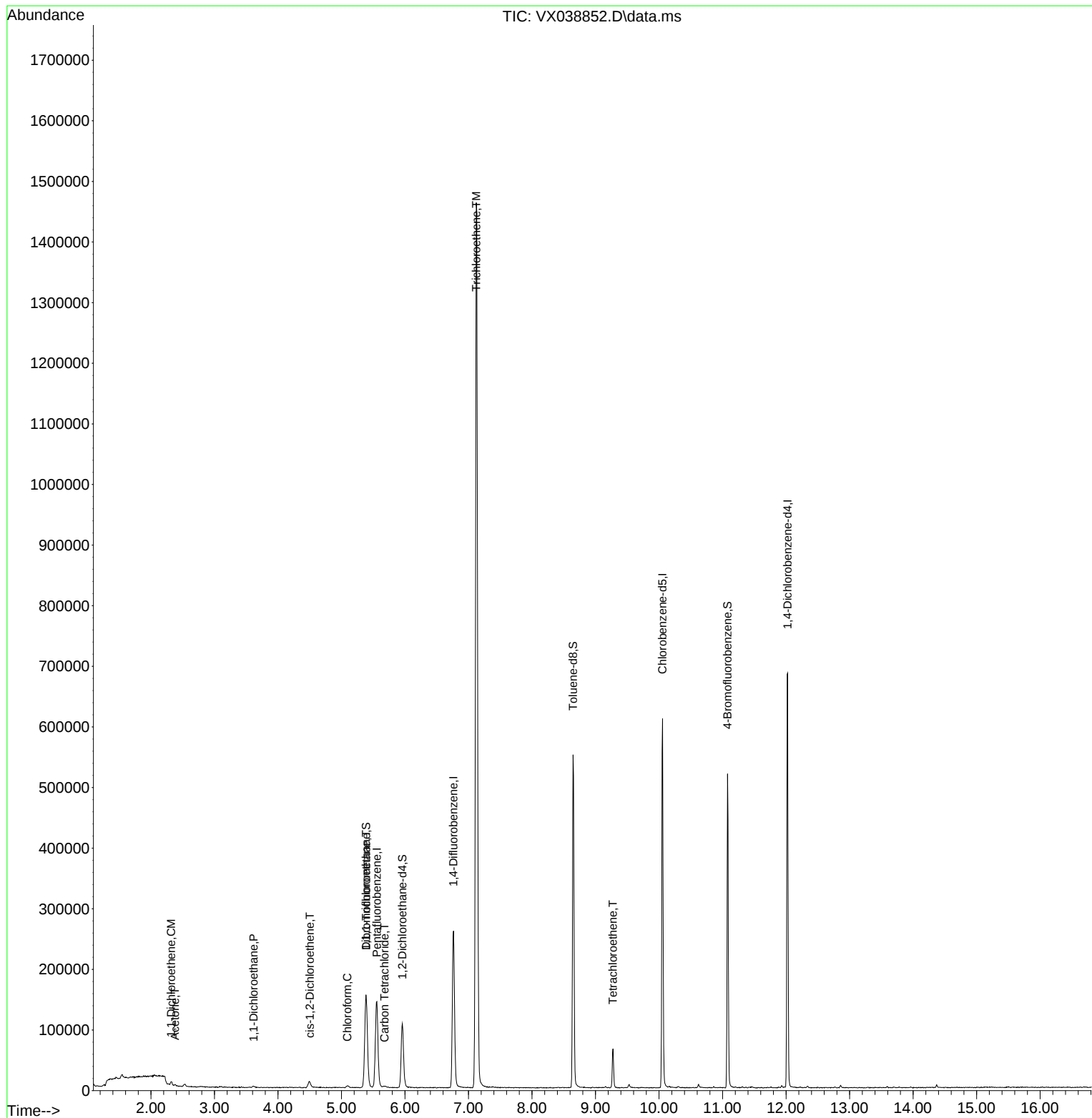
Internal Standards						
1) Pentafluorobenzene	5.556	168	131336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99304	46.924	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.840%
35) Dibromofluoromethane	5.385	113	85512	44.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.320%
50) Toluene-d8	8.647	98	340561	45.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.920%#
62) 4-Bromofluorobenzene	11.079	95	146551	49.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	2357	1.440	ug/l #	58
16) Acetone	2.380	43	2613	2.319	ug/l	96
24) 1,1-Dichloroethane	3.617	63	2108	0.627	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	7069	3.358	ug/l	79
30) Chloroform	5.093	83	3846	1.171	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	57921	20.368	ug/l	99
38) Carbon Tetrachloride	5.678	117	1524	0.594	ug/l #	66
44) Trichloroethene	7.123	130	554843	277.678	ug/l	97
64) Tetrachloroethene	9.275	164	11043	6.499	ug/l	94

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

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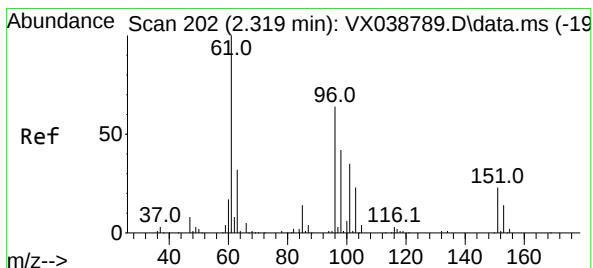
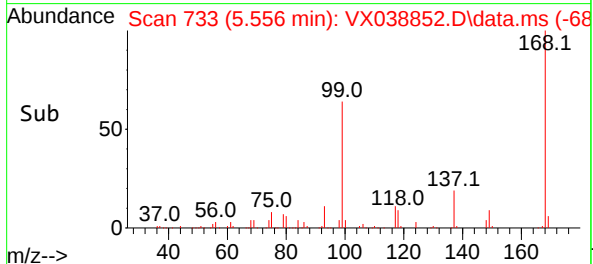
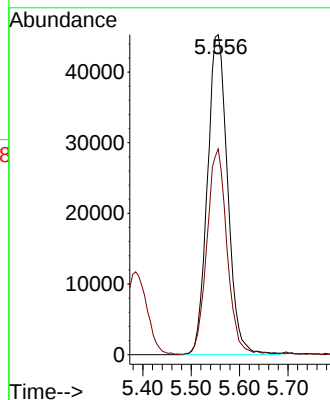
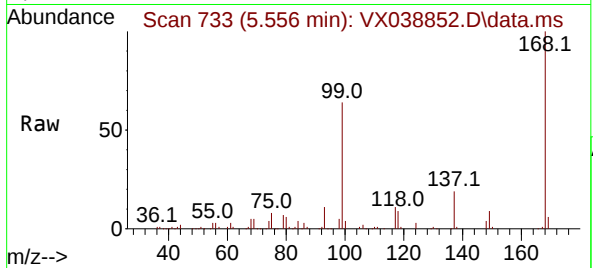




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

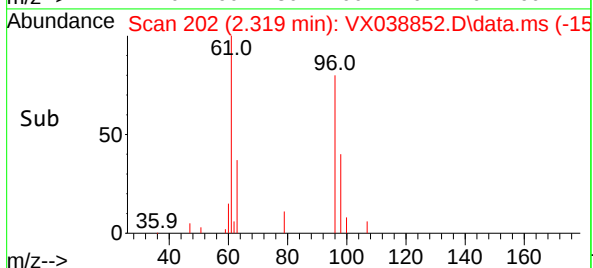
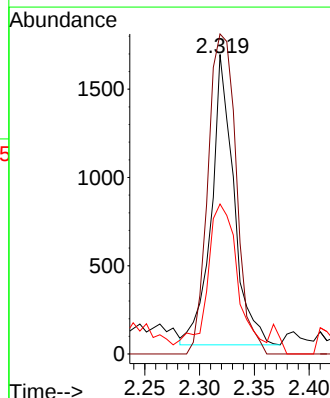
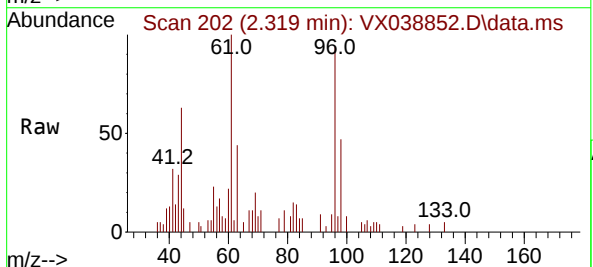
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20231107

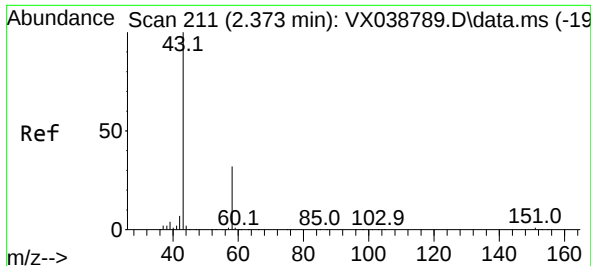
Tgt Ion:168 Resp: 131336
Ion Ratio Lower Upper
168 100
99 64.1 56.6 85.0



#12
1,1-Dichloroethene
Concen: 1.440 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

Tgt Ion: 96 Resp: 2357
Ion Ratio Lower Upper
96 100
61 110.2 144.6 216.8#
98 46.9 50.4 75.6#





#16

Acetone

Concen: 2.319 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX038852.D

Acq: 16 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

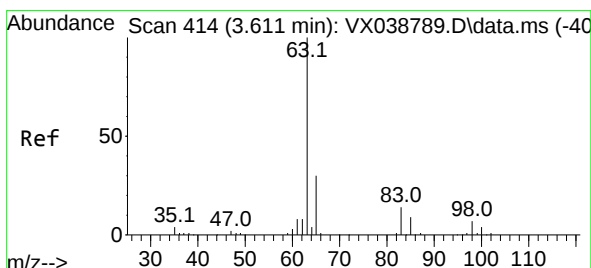
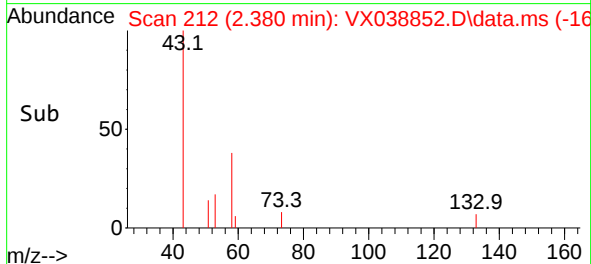
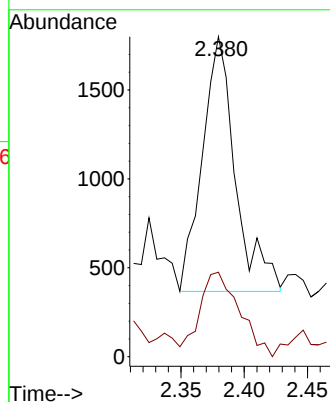
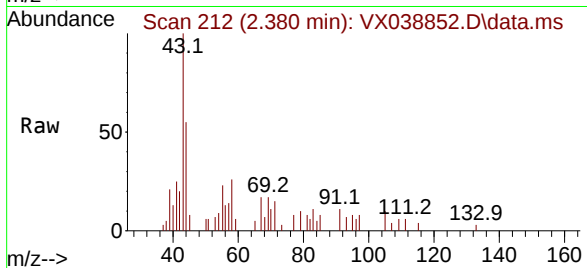
FSND-GEP-2-20231107

Tgt Ion: 43 Resp: 2613

Ion Ratio Lower Upper

43 100

58 29.2 21.9 32.9



#24

1,1-Dichloroethane

Concen: 0.627 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX038852.D

Acq: 16 Nov 2023 20:55

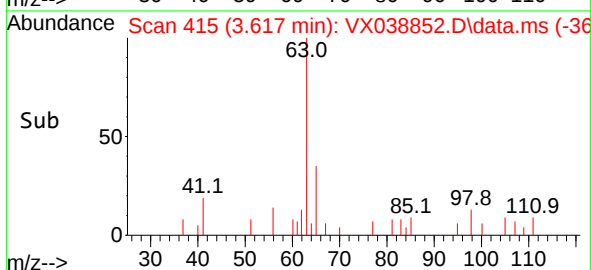
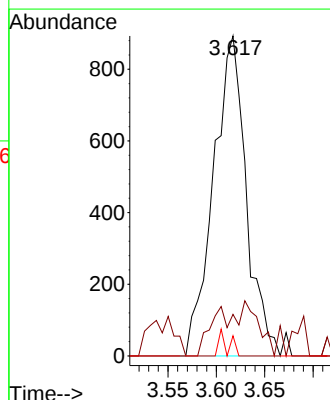
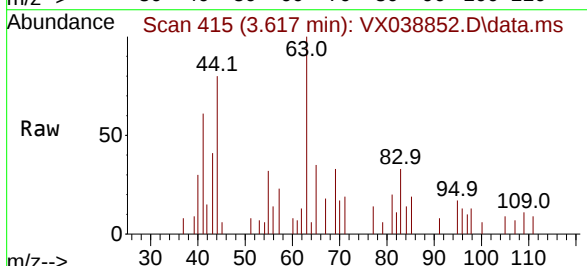
Tgt Ion: 63 Resp: 2108

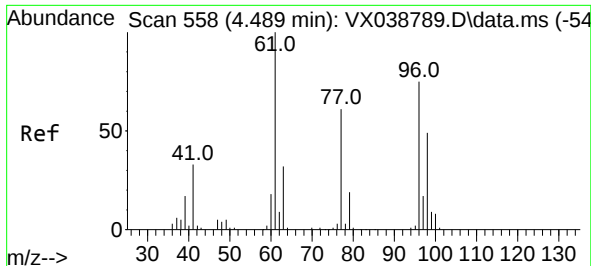
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 6.3 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 3.358 ug/l

RT: 4.501 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX038852.D

Acq: 16 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-2-20231107

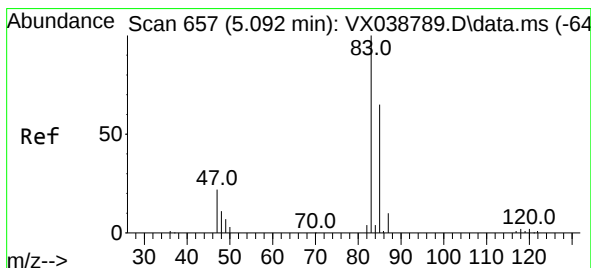
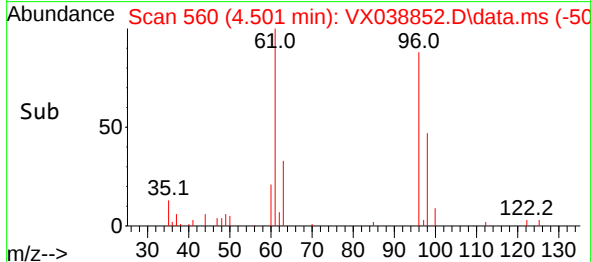
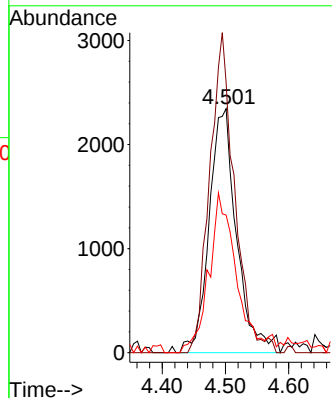
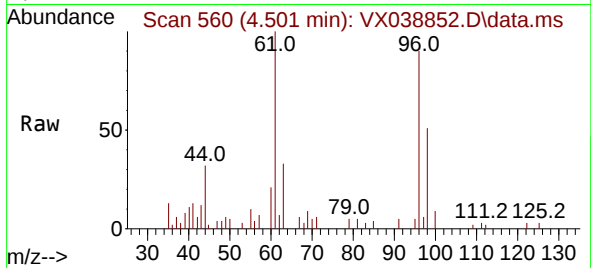
Tgt Ion: 96 Resp: 7069

Ion Ratio Lower Upper

96 100

61 118.5 0.0 312.2

98 64.2 0.0 129.0



#30

Chloroform

Concen: 1.171 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038852.D

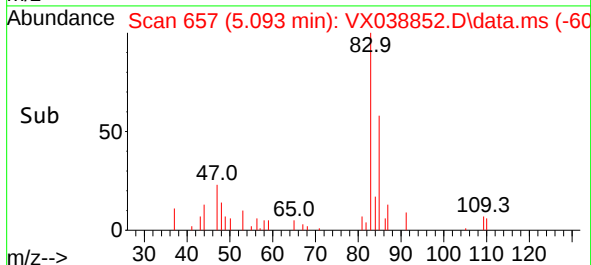
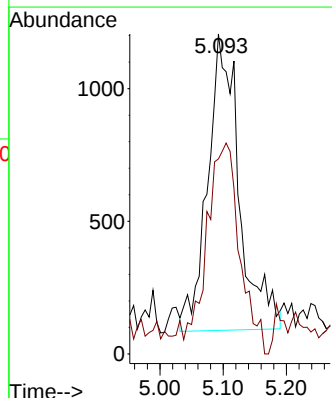
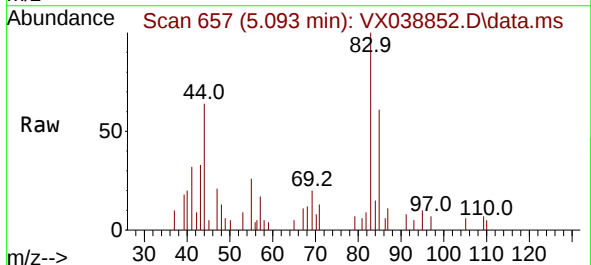
Acq: 16 Nov 2023 20:55

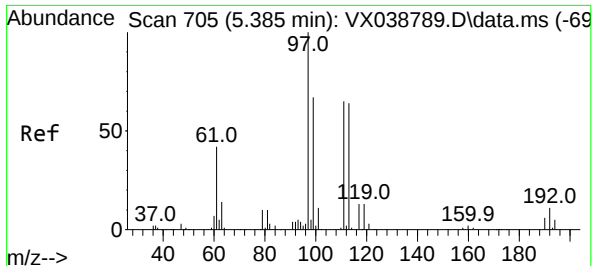
Tgt Ion: 83 Resp: 3846

Ion Ratio Lower Upper

83 100

85 56.9 50.3 75.5

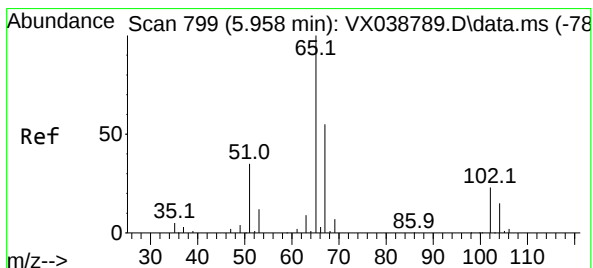
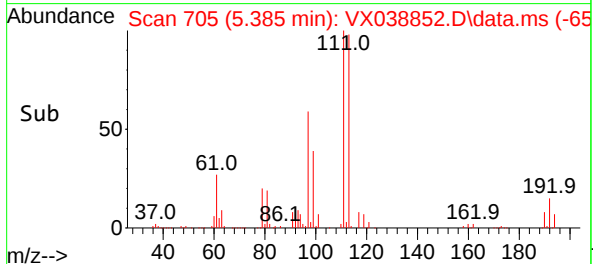
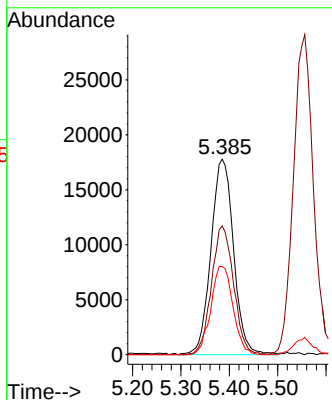
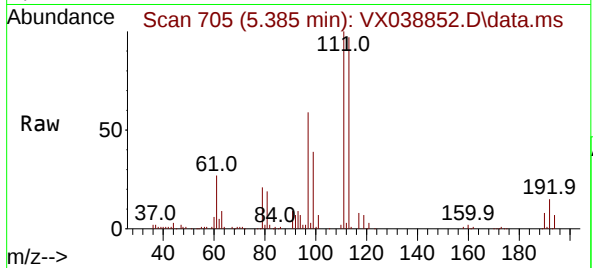




#32
1,1,1-Trichloroethane
Concen: 20.368 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

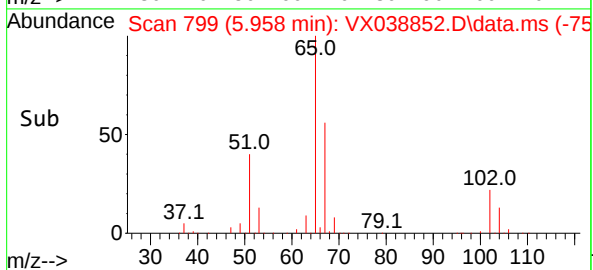
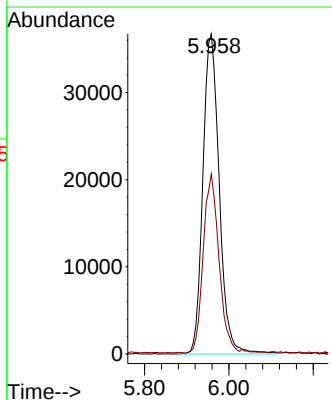
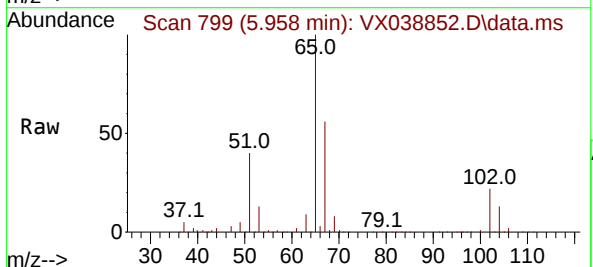
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20231107

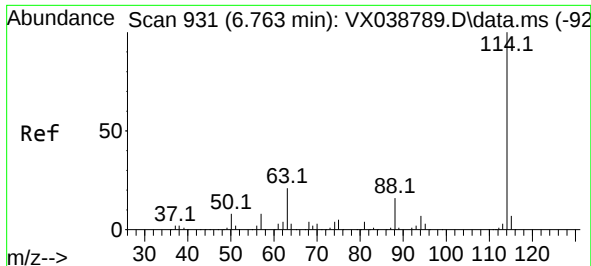
Tgt Ion:	97	Resp:	57921
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	44.1	36.4	54.6



#33
1,2-Dichloroethane-d4
Concen: 46.924 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

Tgt Ion:	65	Resp:	99304
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	100.2

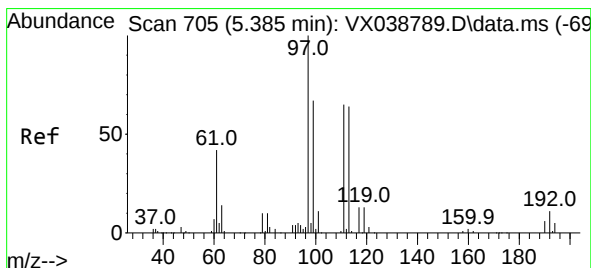
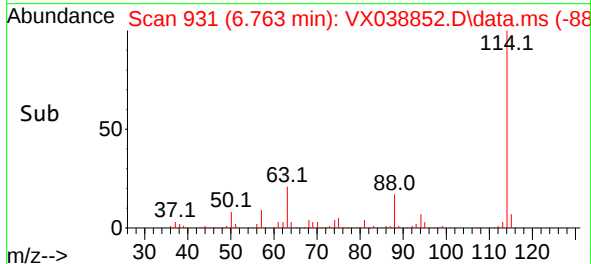
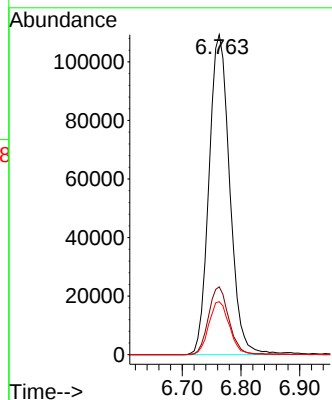
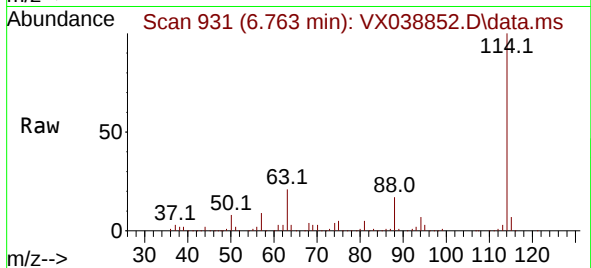




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

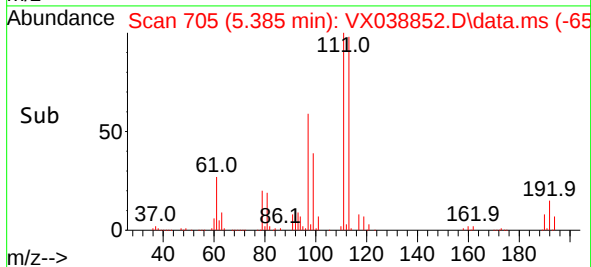
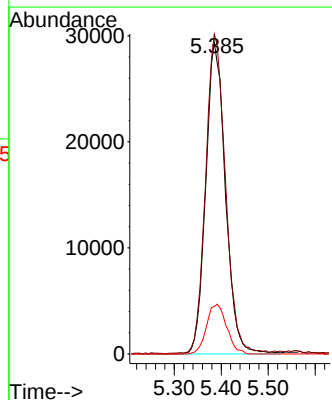
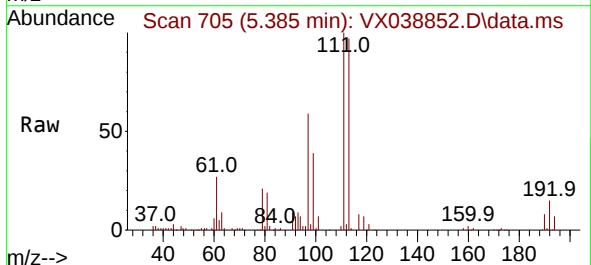
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20231107

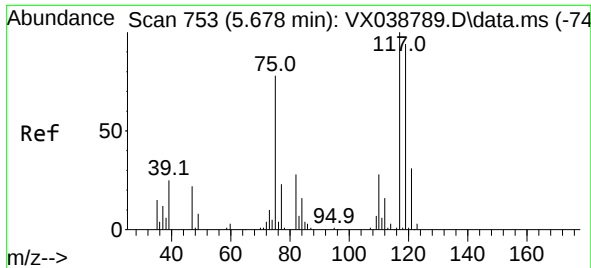
Tgt Ion:114 Resp: 268133
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.158 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

Tgt Ion:113 Resp: 85512
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 16.3 13.3 19.9





#38

Carbon Tetrachloride

Concen: 0.594 ug/l

RT: 5.678 min Scan# 71

Delta R.T. 0.000 min

Lab File: VX038852.D

Acq: 16 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-2-20231107

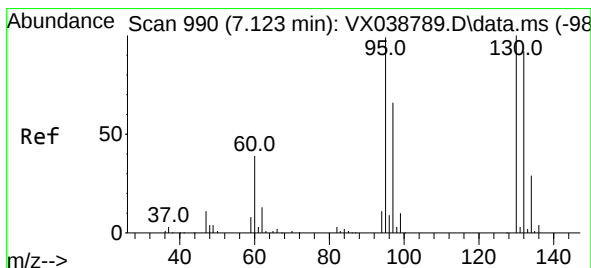
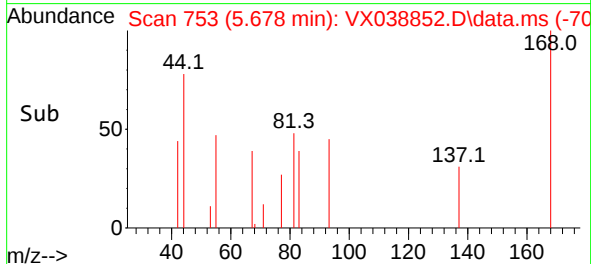
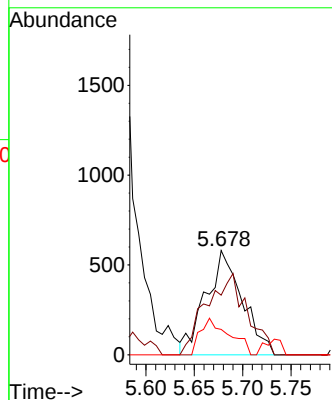
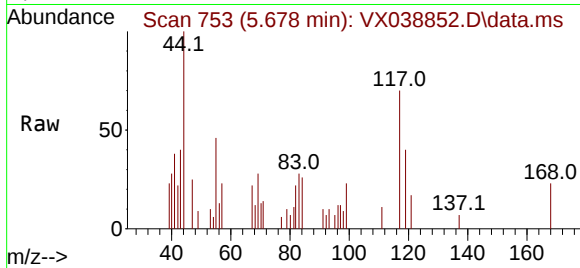
Tgt Ion:117 Resp: 1524

Ion Ratio Lower Upper

117 100

119 57.2 78.2 117.2#

121 24.3 24.4 36.6#



#44

Trichloroethene

Concen: 277.678 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX038852.D

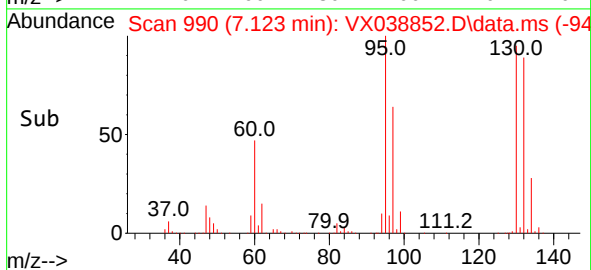
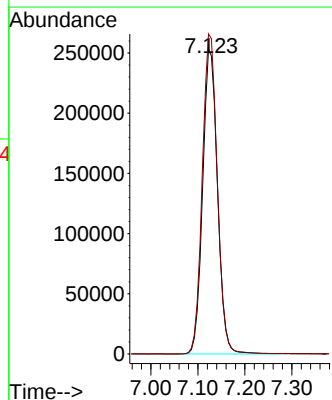
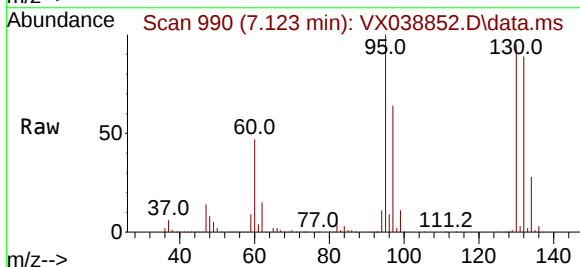
Acq: 16 Nov 2023 20:55

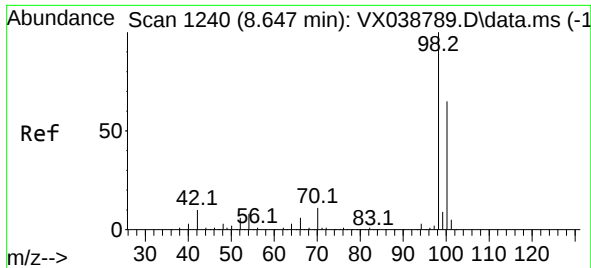
Tgt Ion:130 Resp: 554843

Ion Ratio Lower Upper

130 100

95 105.1 0.0 204.4

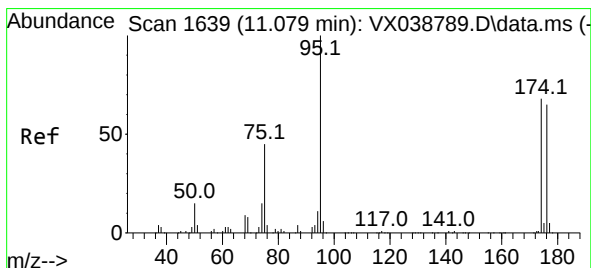
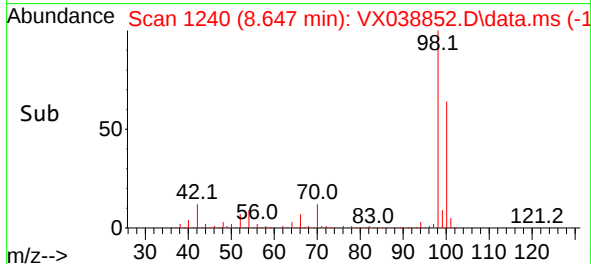
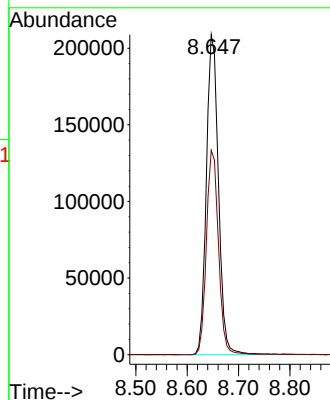
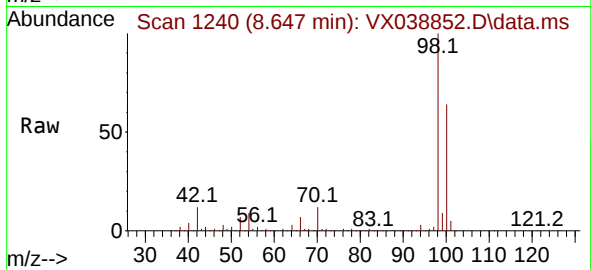




#50
Toluene-d8
Concen: 45.964 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

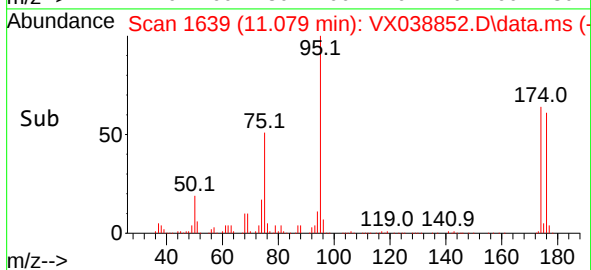
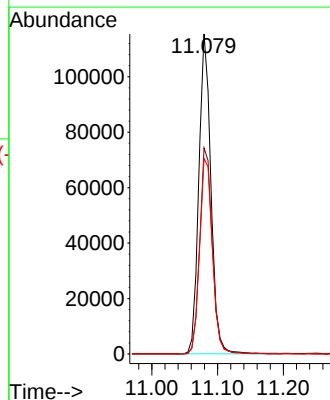
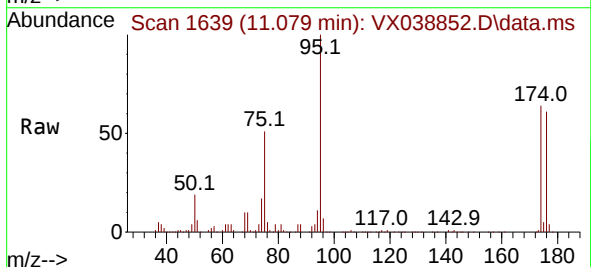
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20231107

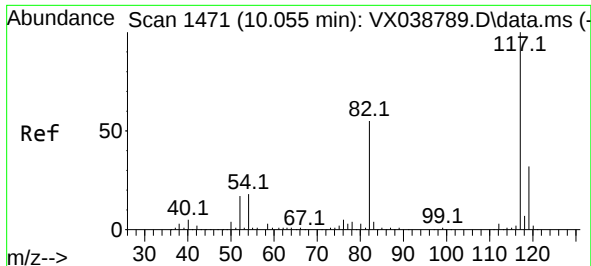
Tgt Ion: 98 Resp: 340561
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

Tgt Ion: 95 Resp: 146551
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 64.8 0.0 131.0

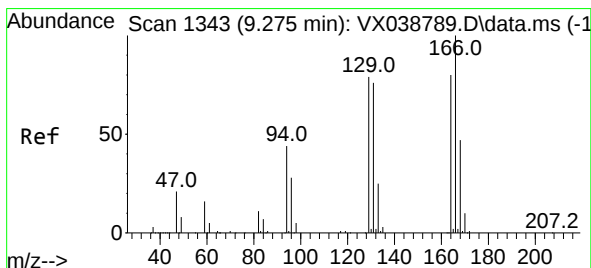
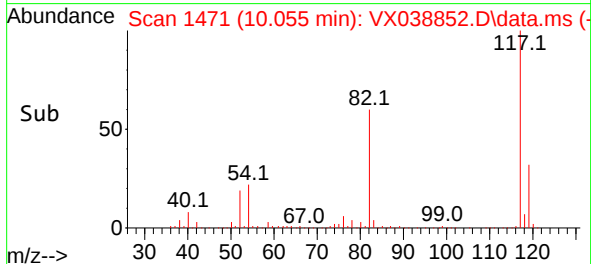
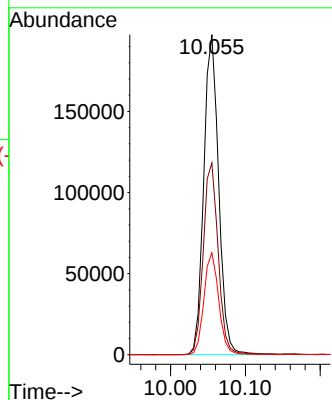
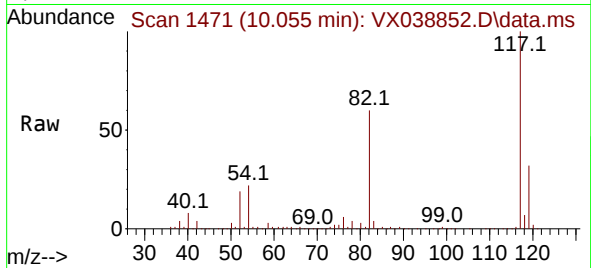




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

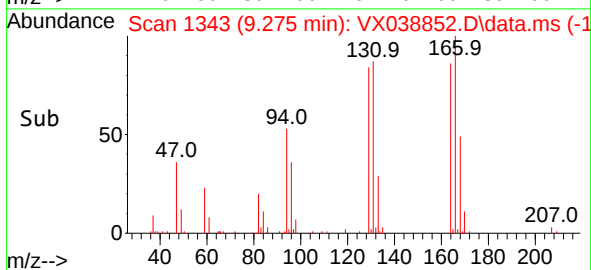
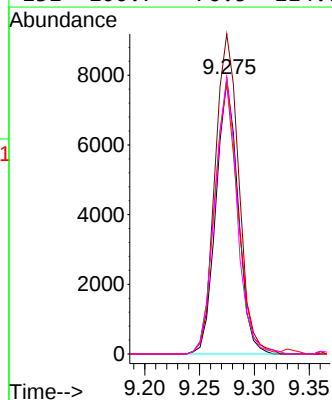
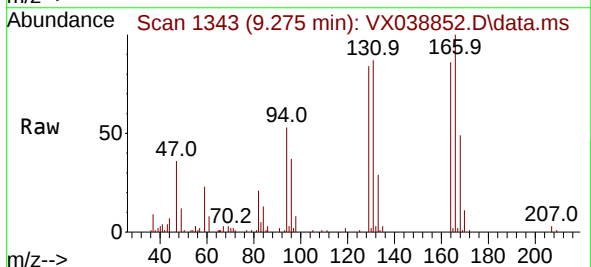
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20231107

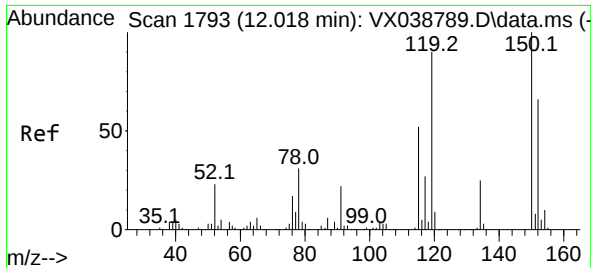
Tgt Ion:117 Resp: 273363
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 6.499 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038852.D
Acq: 16 Nov 2023 20:55

Tgt Ion:164 Resp: 11043
Ion Ratio Lower Upper
164 100
166 116.4 102.7 154.1
129 98.2 80.4 120.6
131 100.7 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038852.D

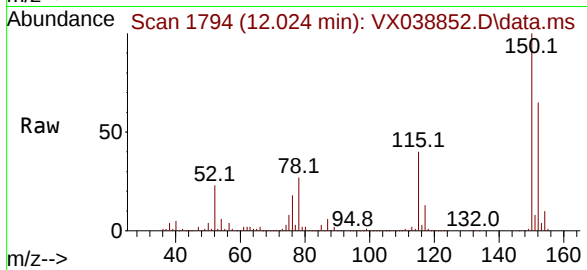
Acq: 16 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-2-20231107



Tgt Ion:152 Resp: 141538

Ion Ratio Lower Upper

152 100

115 64.6 43.3 129.9

150 156.5 0.0 345.0

