

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032300.D
 Acq On : 21 Oct 2022 19:39
 Operator : JC/MD
 Sample : N5248-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-2-20221018

Quant Time: Oct 22 05:14:36 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

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

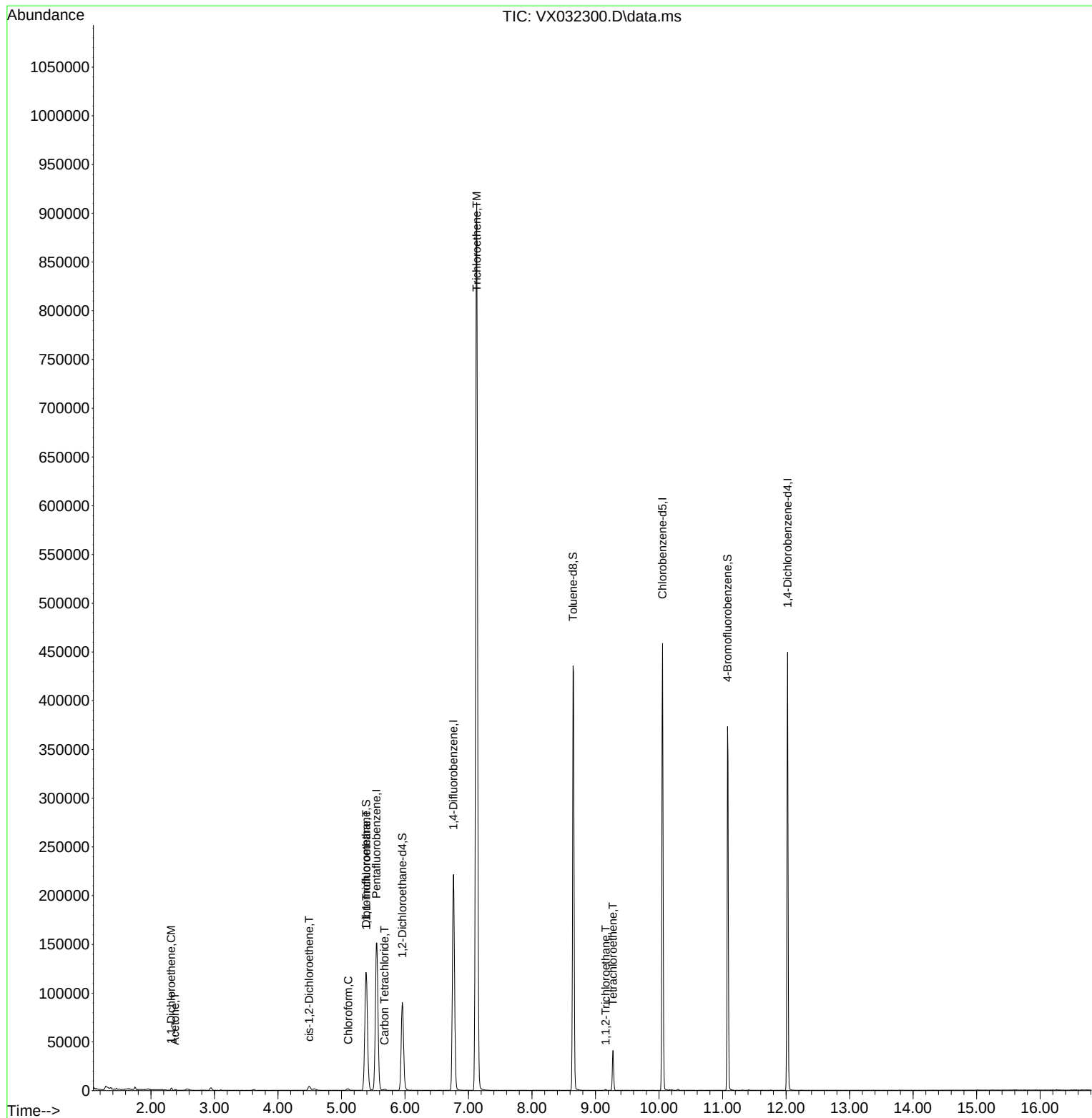
Internal Standards						
1) Pentafluorobenzene	5.550	168	143031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89970	48.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.700%		
35) Dibromofluoromethane	5.385	113	70440	45.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.880%		
50) Toluene-d8	8.647	98	260969	46.766	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.540%		
62) 4-Bromofluorobenzene	11.079	95	93083	45.553	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.100%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.319	96	875	0.685	ug/l	93
16) Acetone	2.380	43	1049	1.737	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	2943	1.808	ug/l	92
30) Chloroform	5.105	83	2134	0.773	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	37926	16.106	ug/l	98
38) Carbon Tetrachloride	5.678	117	1044	0.496	ug/l #	85
44) Trichloroethene	7.129	130	343323	215.715	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	422	0.277	ug/l #	82
64) Tetrachloroethene	9.275	164	6756	5.263	ug/l	90

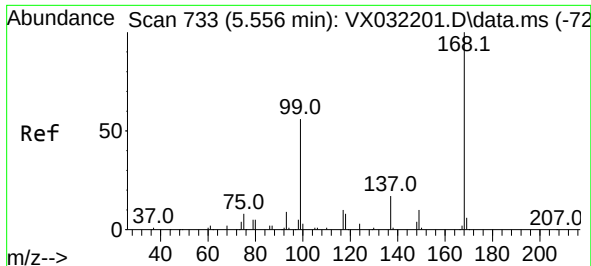
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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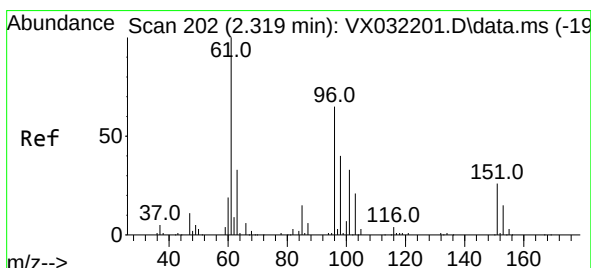
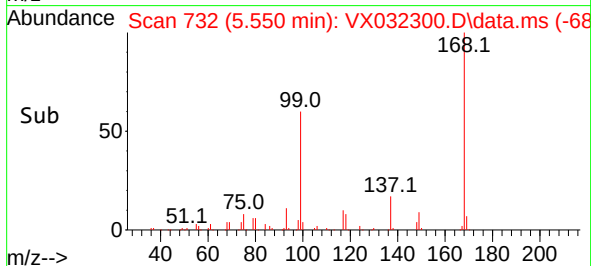
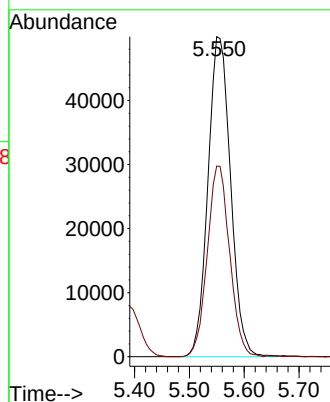
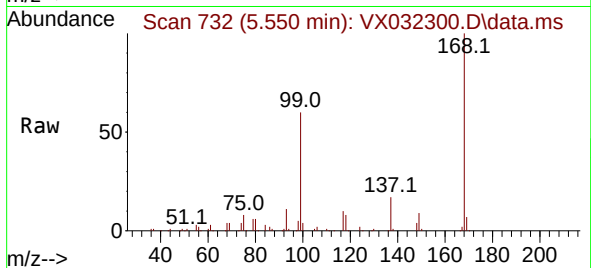




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032300.D
Acq: 21 Oct 2022 19:39

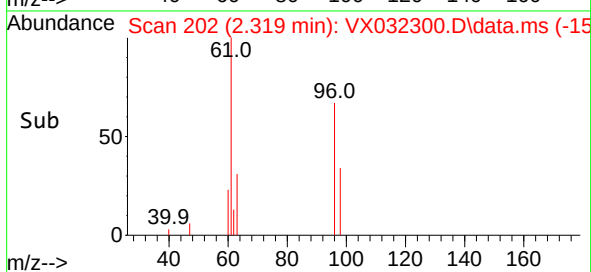
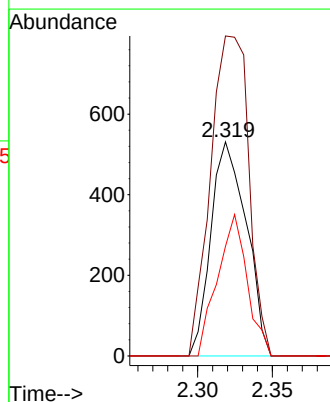
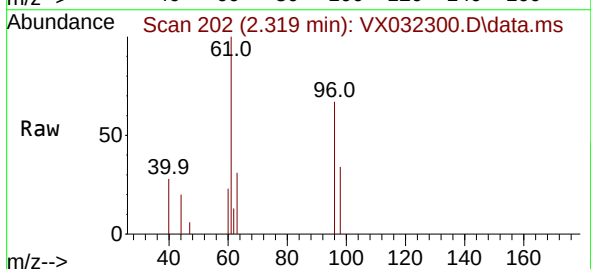
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20221018

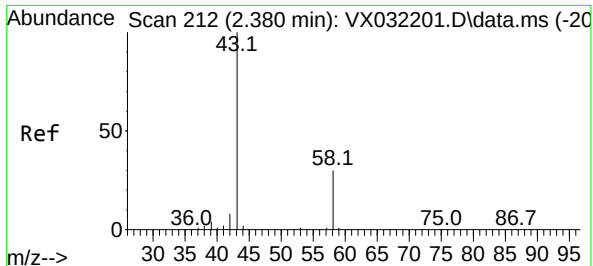
Tgt Ion:168 Resp: 143031
Ion Ratio Lower Upper
168 100
99 59.6 44.8 67.2



#12
1,1-Dichloroethene
Concen: 0.685 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032300.D
Acq: 21 Oct 2022 19:39

Tgt Ion: 96 Resp: 875
Ion Ratio Lower Upper
96 100
61 149.5 124.0 186.0
98 51.2 50.0 75.0

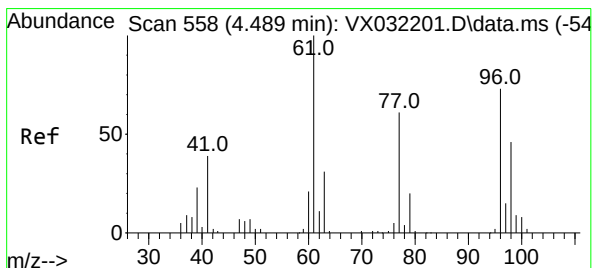
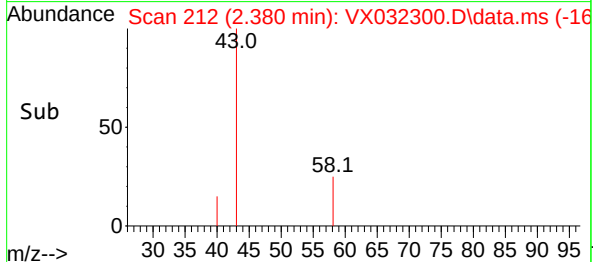
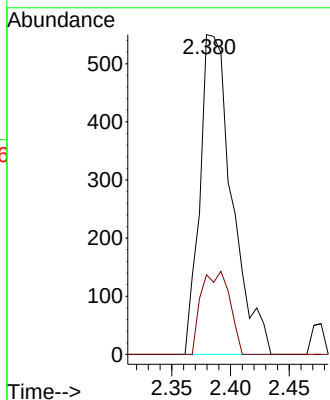
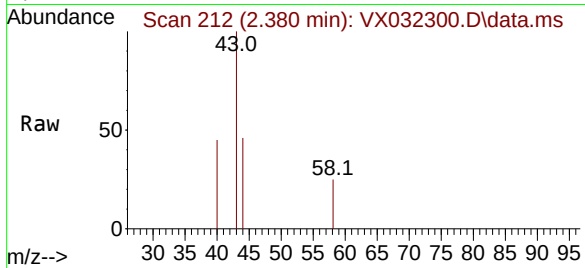




#16
 Acetone
 Concen: 1.737 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX032300.D
 Acq: 21 Oct 2022 19:39

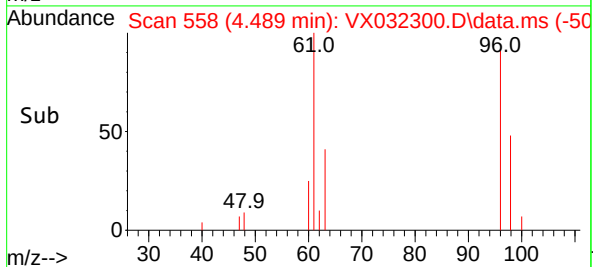
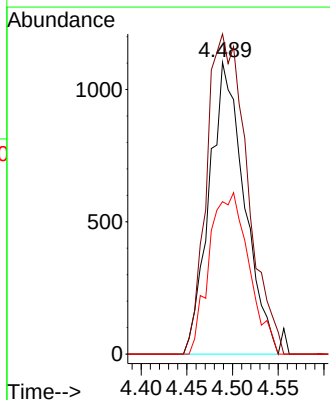
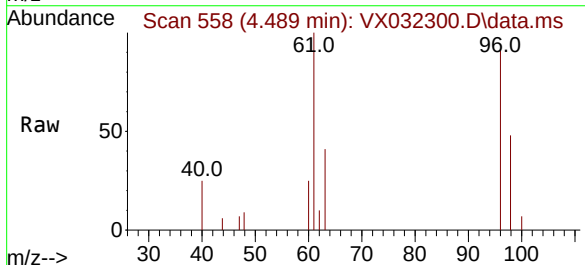
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-2-20221018

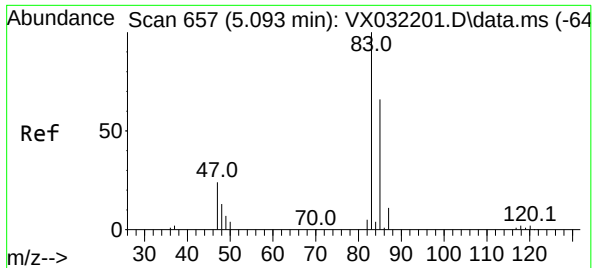
Tgt Ion: 43 Resp: 1049
 Ion Ratio Lower Upper
 43 100
 58 24.9 24.2 36.2



#27
 cis-1,2-Dichloroethene
 Concen: 1.808 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX032300.D
 Acq: 21 Oct 2022 19:39

Tgt Ion: 96 Resp: 2943
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 279.2
 98 62.2 0.0 128.0





#30

Chloroform

Concen: 0.773 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX032300.D

Acq: 21 Oct 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

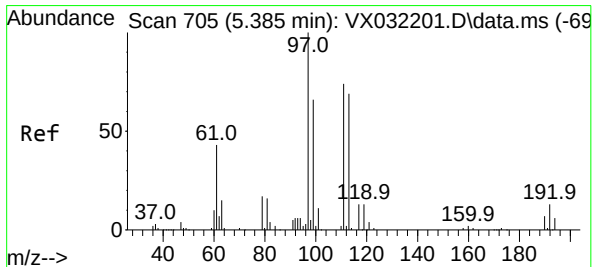
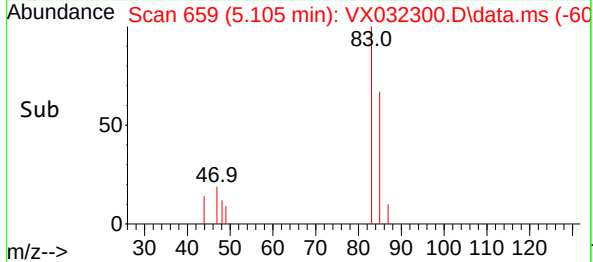
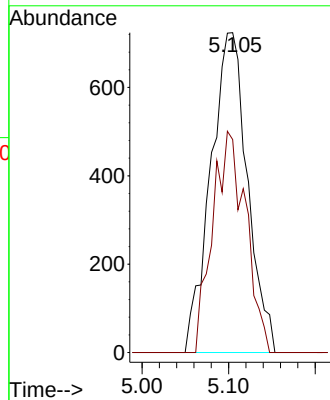
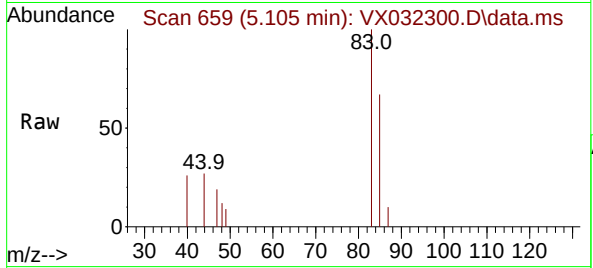
FSND-GEP-2-20221018

Tgt Ion: 83 Resp: 2134

Ion Ratio Lower Upper

83 100

85 66.6 52.5 78.7



#32

1,1,1-Trichloroethane

Concen: 16.106 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX032300.D

Acq: 21 Oct 2022 19:39

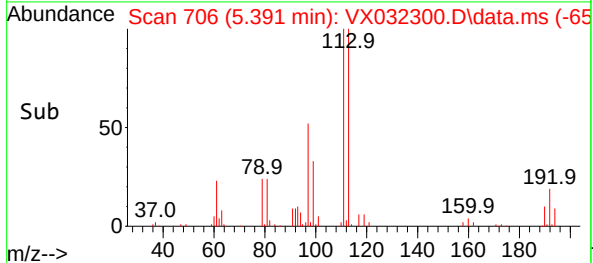
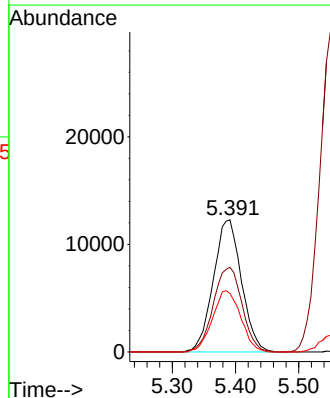
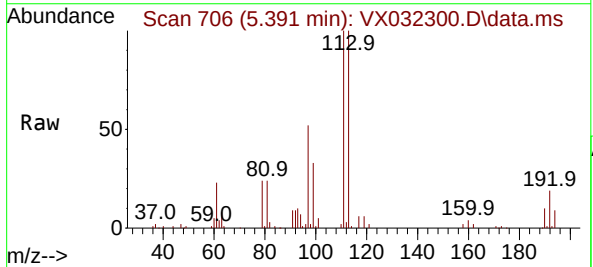
Tgt Ion: 97 Resp: 37926

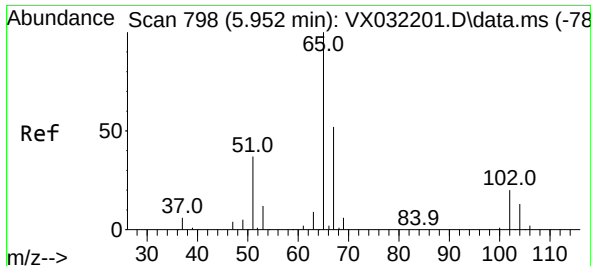
Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.8

61 46.4 35.7 53.5

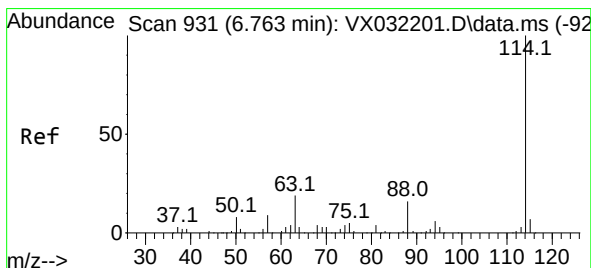
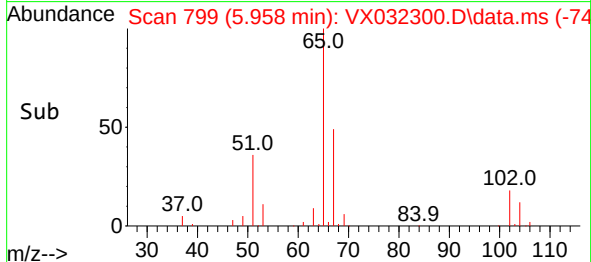
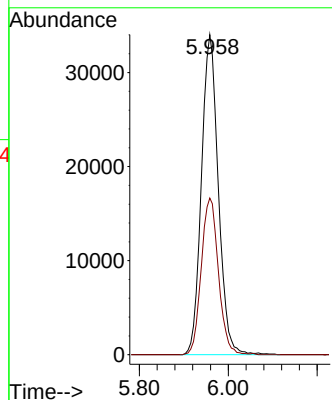
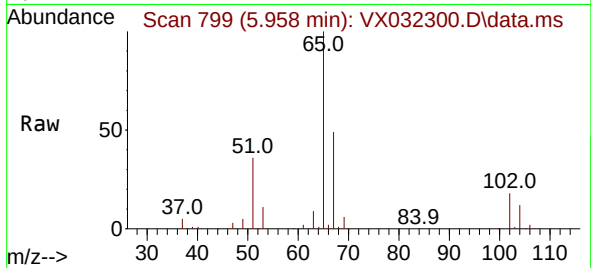




#33
 1,2-Dichloroethane-d4
 Concen: 48.353 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX032300.D
 Acq: 21 Oct 2022 19:39

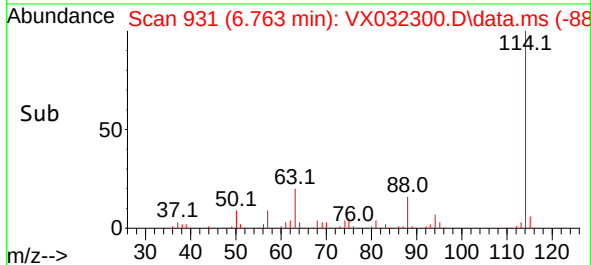
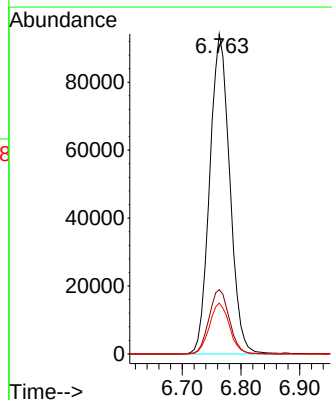
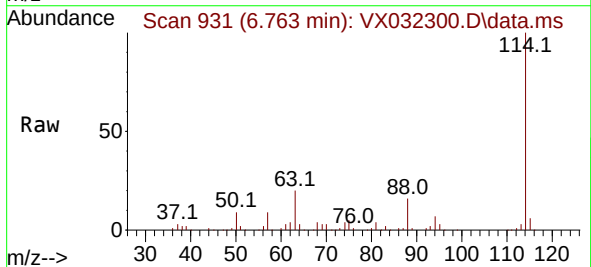
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-2-20221018

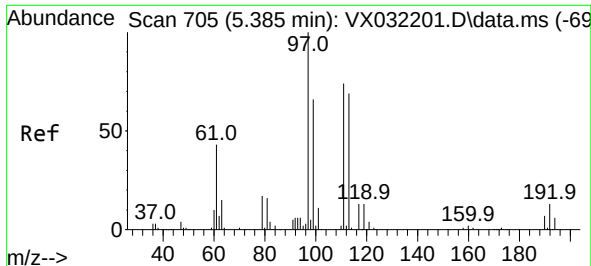
Tgt Ion: 65 Resp: 89970
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032300.D
 Acq: 21 Oct 2022 19:39

Tgt Ion: 114 Resp: 222774
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.6
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.439 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032300.D

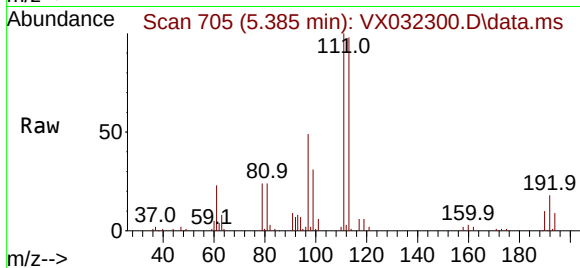
Acq: 21 Oct 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-2-20221018



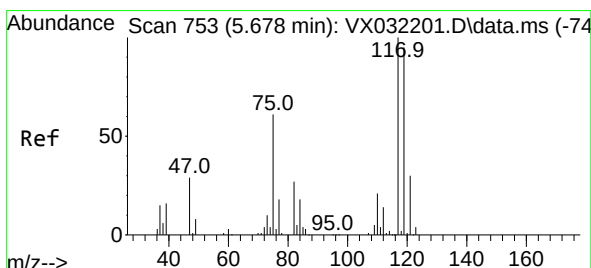
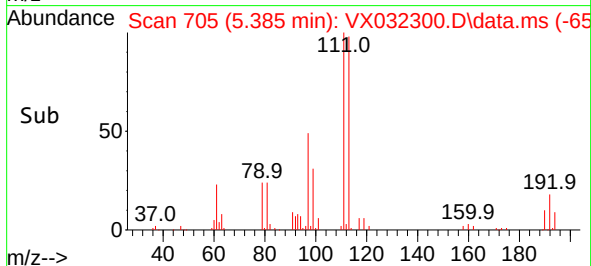
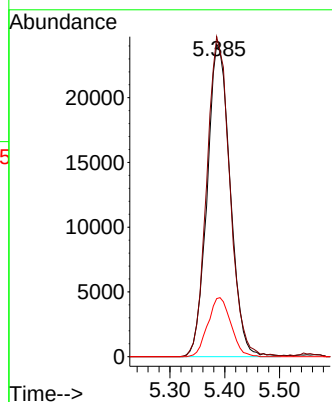
Tgt Ion:113 Resp: 70440

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.9 15.5 23.3



#38

Carbon Tetrachloride

Concen: 0.496 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX032300.D

Acq: 21 Oct 2022 19:39

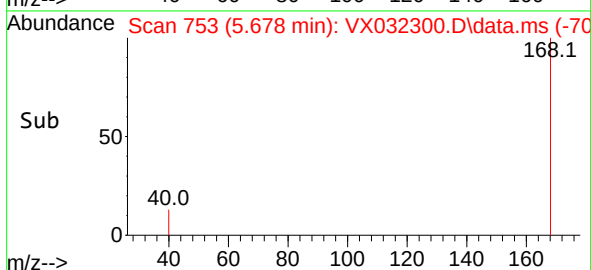
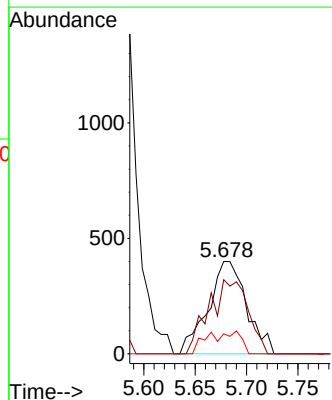
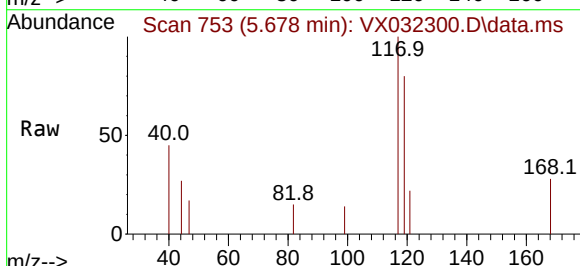
Tgt Ion:117 Resp: 1044

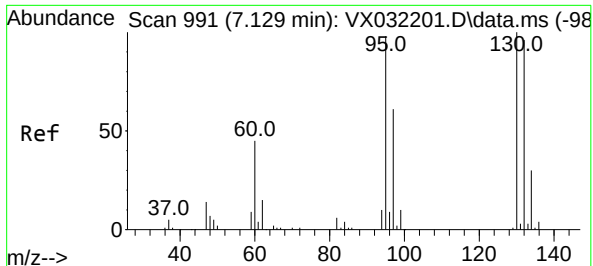
Ion Ratio Lower Upper

117 100

119 80.3 75.4 113.0

121 21.8 23.9 35.9#

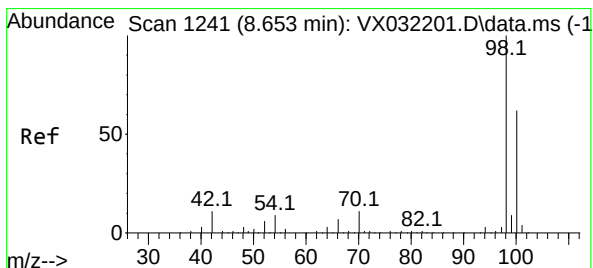
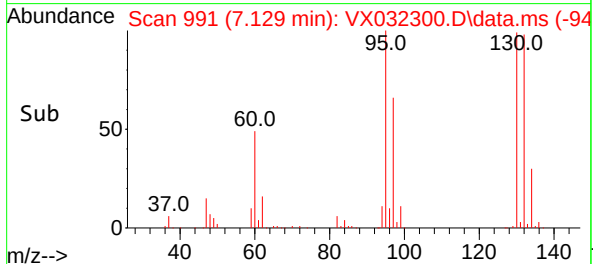
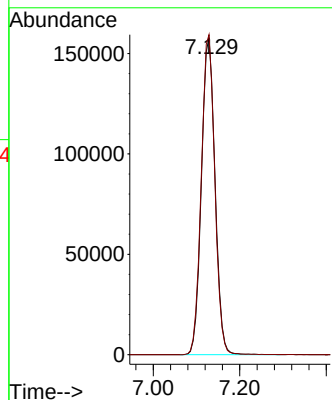
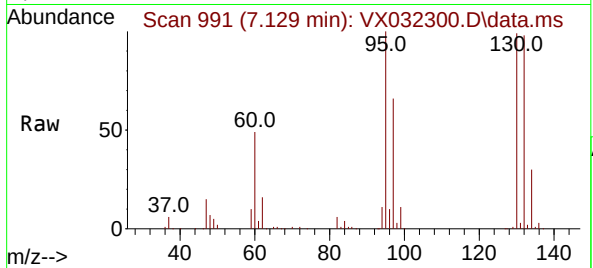




#44
Trichloroethene
Concen: 215.715 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032300.D
Acq: 21 Oct 2022 19:39

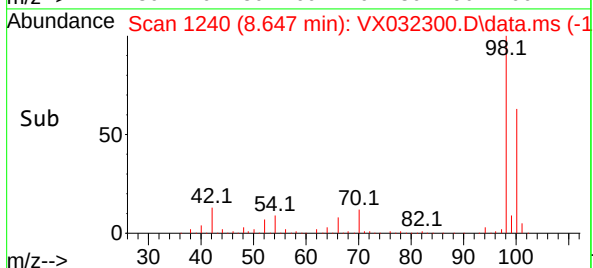
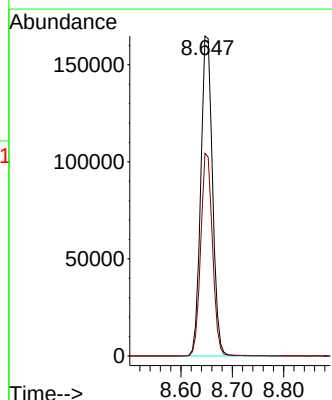
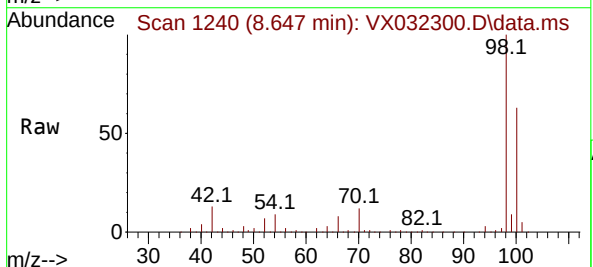
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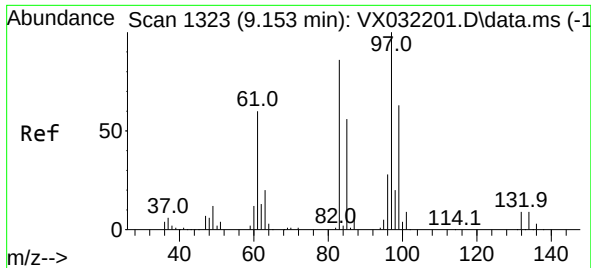
Tgt Ion:130 Resp: 343323
Ion Ratio Lower Upper
130 100
95 100.9 0.0 196.8



#50
Toluene-d8
Concen: 46.766 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032300.D
Acq: 21 Oct 2022 19:39

Tgt Ion: 98 Resp: 260969
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



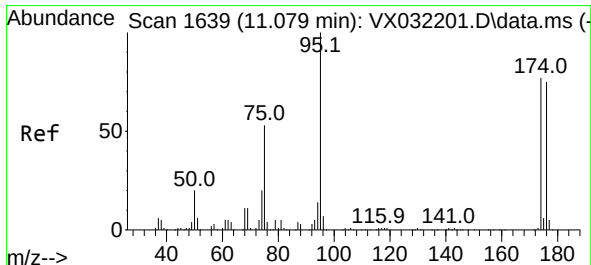
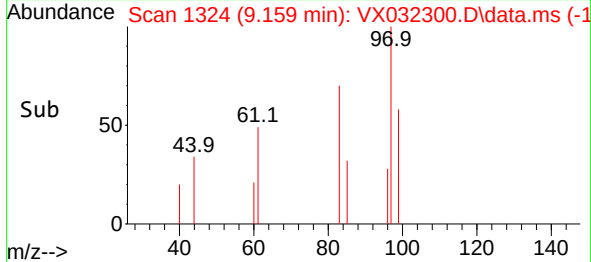
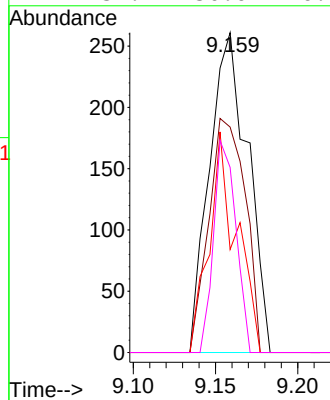
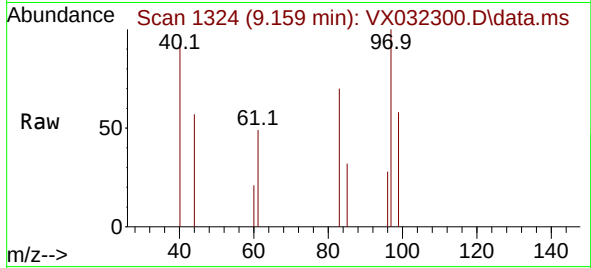


#55
1,1,2-Trichloroethane
Concen: 0.277 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032300.D
Acq: 21 Oct 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20221018

Tgt Ion: 97 Resp: 422

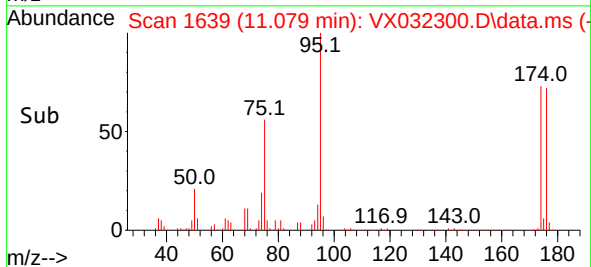
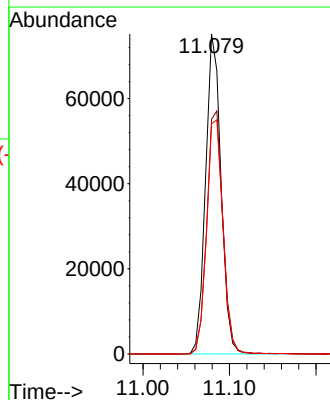
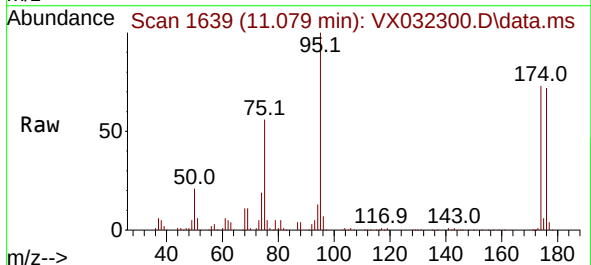
Ion	Ratio	Lower	Upper
97	100		
83	70.5	68.8	103.2
85	32.2	44.7	67.1#
99	57.9	50.6	76.0

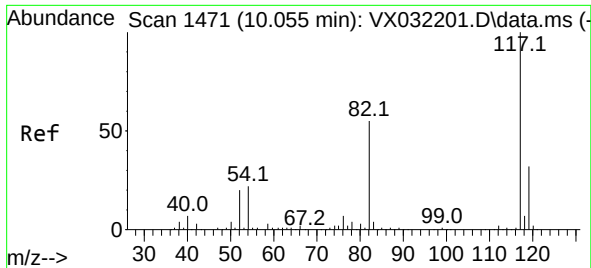


#62
4-Bromofluorobenzene
Concen: 45.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032300.D
Acq: 21 Oct 2022 19:39

Tgt Ion: 95 Resp: 93083

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	166.8
176	77.4	0.0	161.4

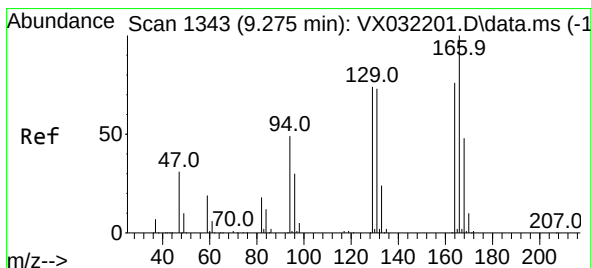
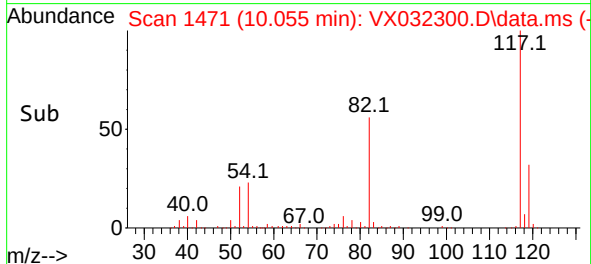
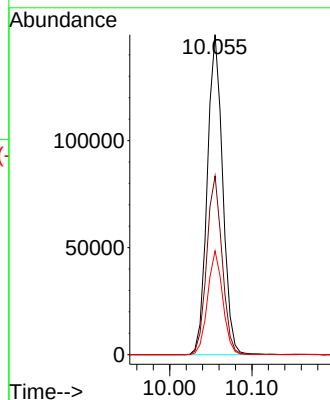
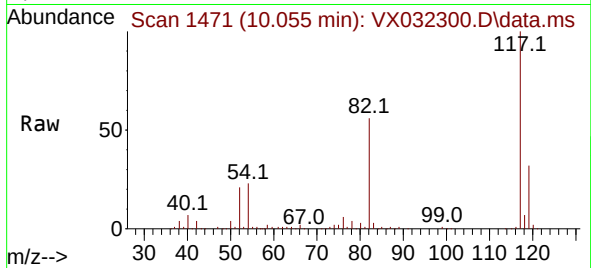




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032300.D
Acq: 21 Oct 2022 19:39

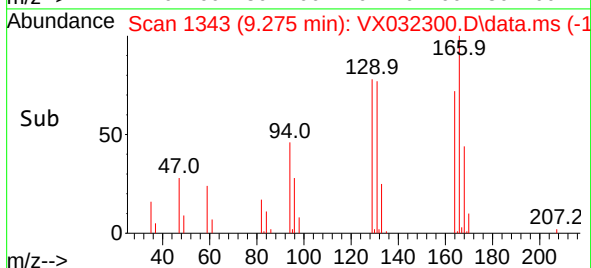
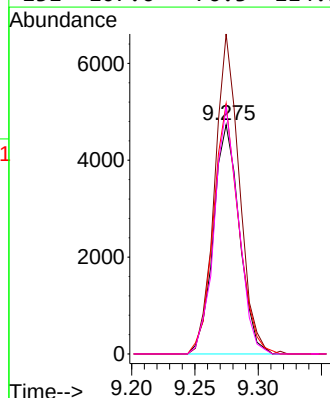
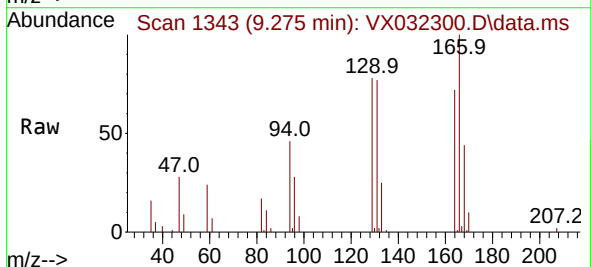
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-2-20221018

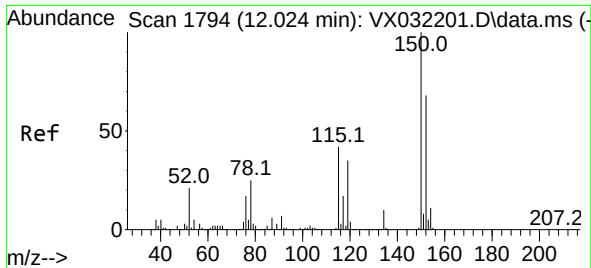
Tgt Ion:117 Resp: 194414
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 5.263 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032300.D
Acq: 21 Oct 2022 19:39

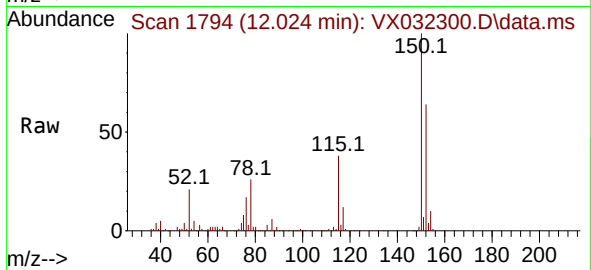
Tgt Ion:164 Resp: 6756
Ion Ratio Lower Upper
164 100
166 139.5 104.9 157.3
129 109.1 77.8 116.6
131 107.6 76.3 114.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032300.D
 Acq: 21 Oct 2022 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-2-20221018



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	43.1	129.4
150	157.0	0.0	348.6

