

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035785.D
 Acq On : 22 May 2023 15:25
 Operator : JC/MD
 Sample : 02860-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-03-05182023

Quant Time: May 23 06:12:39 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

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

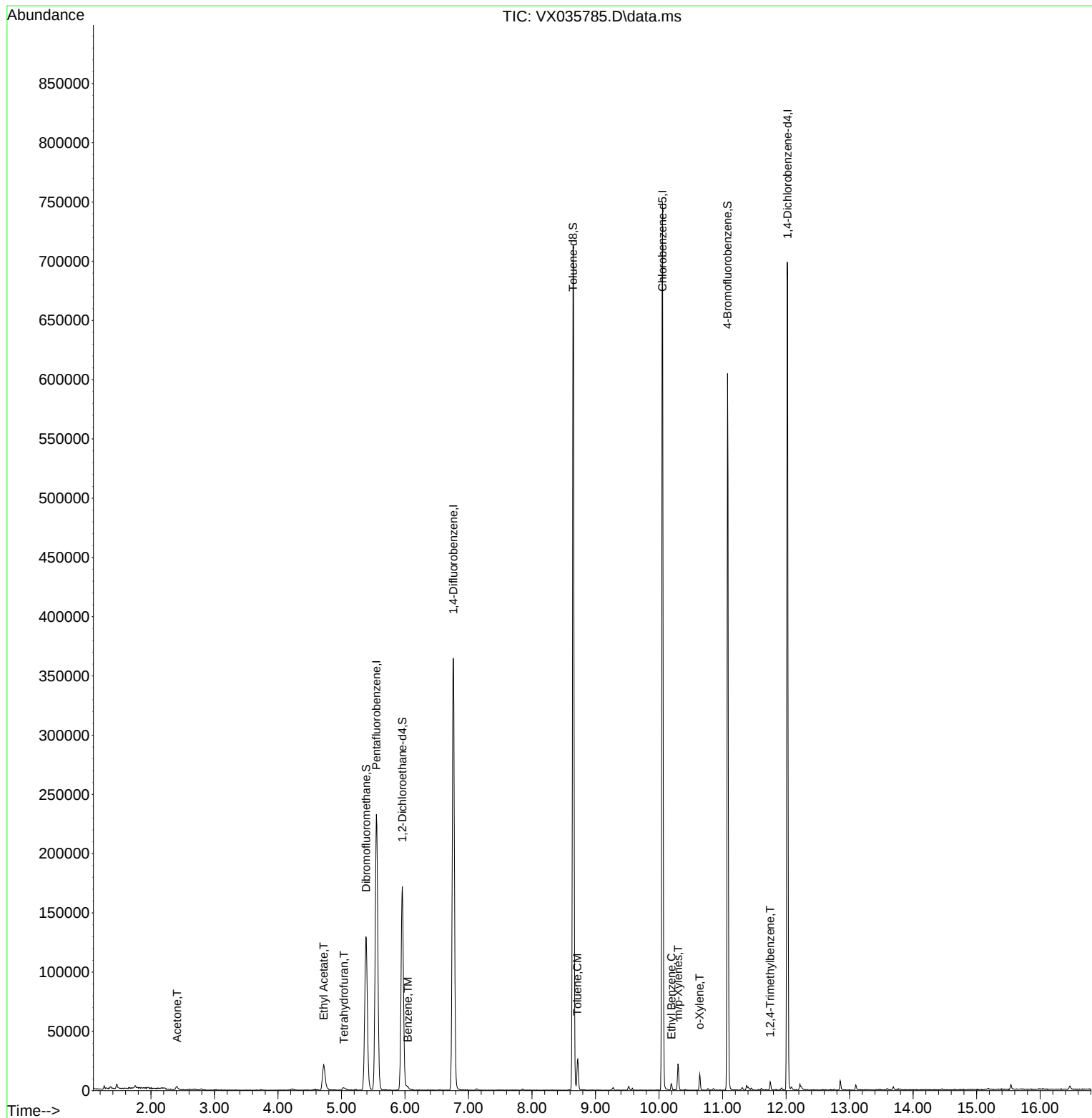
Internal Standards						
1) Pentafluorobenzene	5.549	168	196702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	352321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174055	50.722	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.440%
35) Dibromofluoromethane	5.385	113	113119	47.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	8.646	98	401954	45.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.580%#
62) 4-Bromofluorobenzene	11.079	95	159265	45.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	4720	3.200	ug/l	93
29) Tetrahydrofuran	5.037	42	2108	1.643	ug/l #	78
37) Ethyl Acetate	4.720	43	40855	10.444	ug/l	99
40) Benzene	6.043	78	2940	0.280	ug/l	93
52) Toluene	8.714	92	9162	1.383	ug/l	94
67) Ethyl Benzene	10.195	91	3241	0.257	ug/l	98
68) m/p-Xylenes	10.299	106	4906	1.051	ug/l	96
69) o-Xylene	10.640	106	2617	0.565	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	2889	0.298	ug/l	95

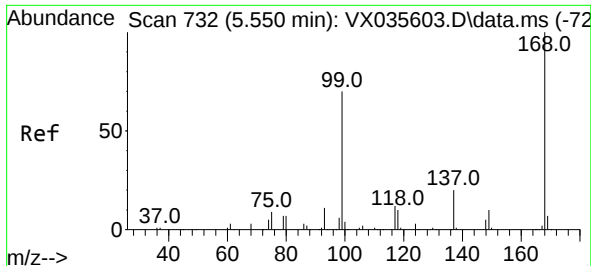
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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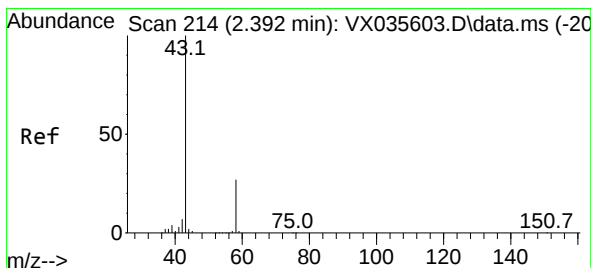
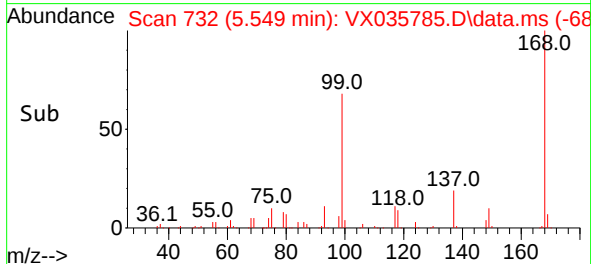
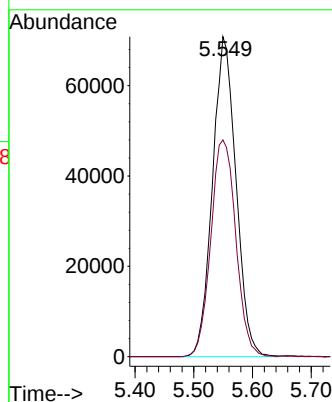
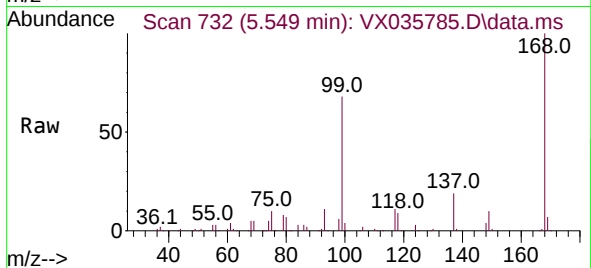




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

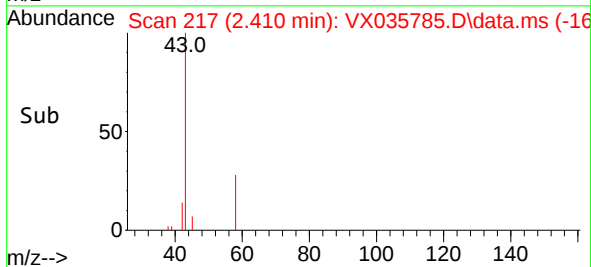
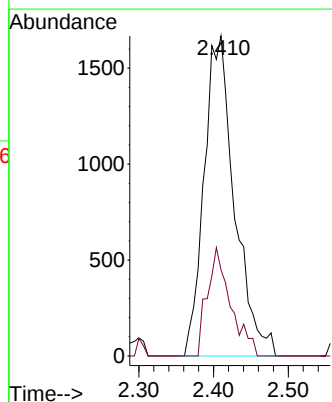
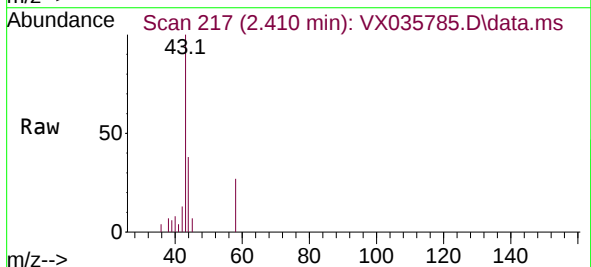
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

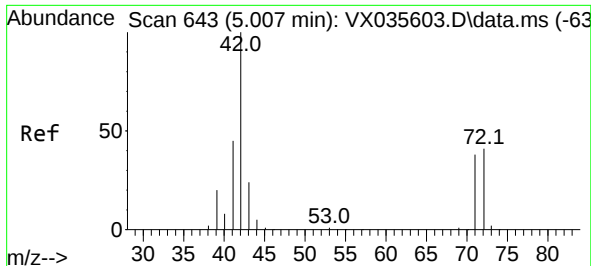
Tgt Ion:168 Resp: 196702
Ion Ratio Lower Upper
168 100
99 67.7 45.7 68.5



#16
Acetone
Concen: 3.200 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion: 43 Resp: 4720
Ion Ratio Lower Upper
43 100
58 26.9 24.7 37.1





#29

Tetrahydrofuran

Concen: 1.643 ug/l

RT: 5.037 min Scan# 643

Delta R.T. 0.030 min

Lab File: VX035785.D

Acq: 22 May 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-03-05182023

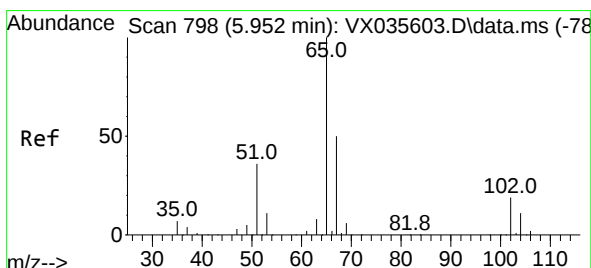
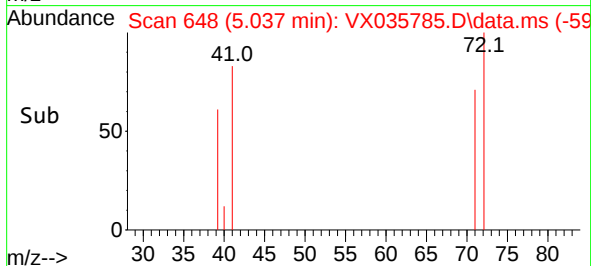
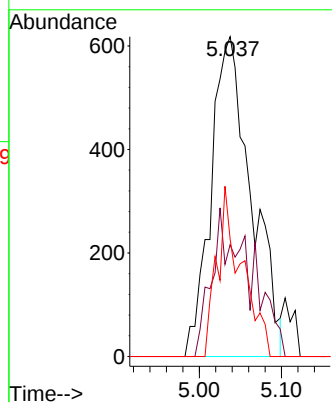
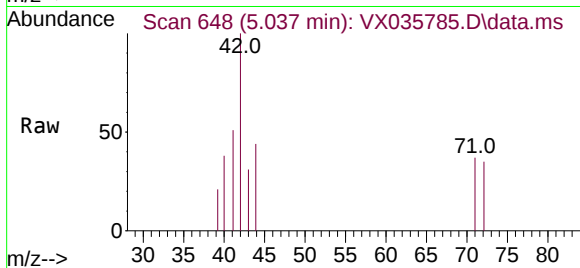
Tgt Ion: 42 Resp: 2108

Ion Ratio Lower Upper

42 100

72 23.5 34.5 51.7#

71 32.4 32.1 48.1



#33

1,2-Dichloroethane-d4

Concen: 50.722 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX035785.D

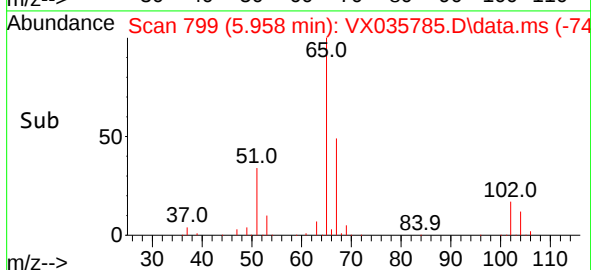
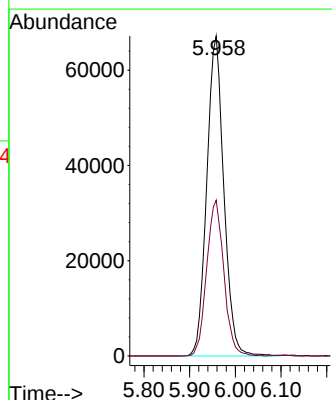
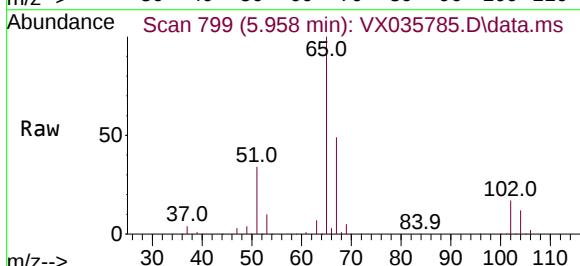
Acq: 22 May 2023 15:25

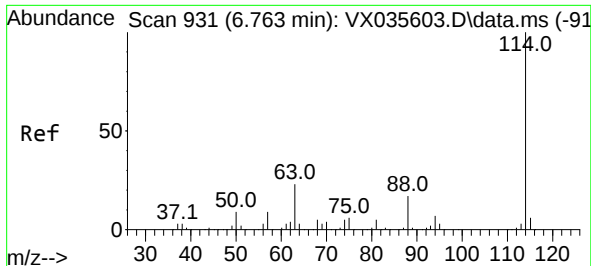
Tgt Ion: 65 Resp: 174055

Ion Ratio Lower Upper

65 100

67 49.1 0.0 104.0

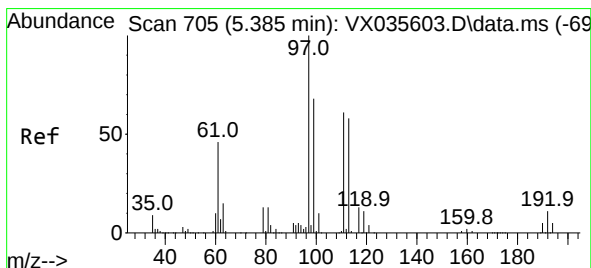
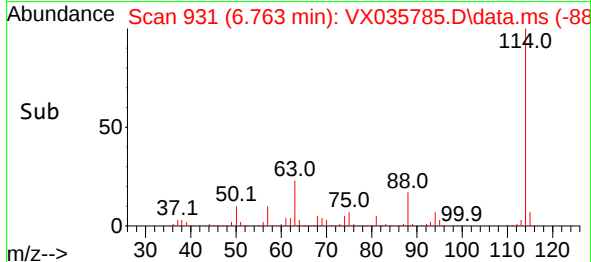
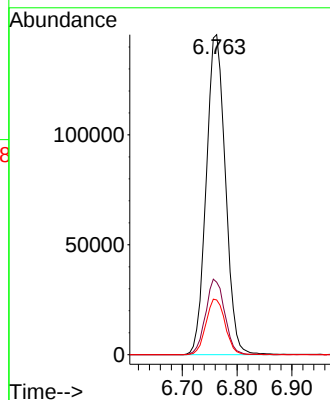
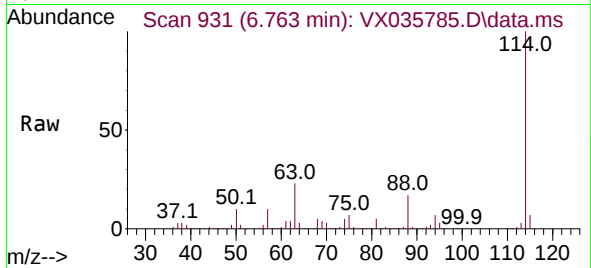




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

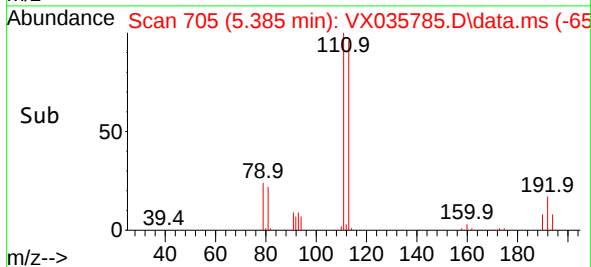
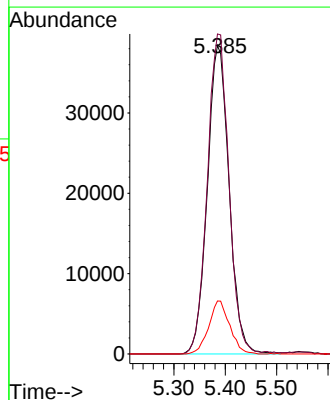
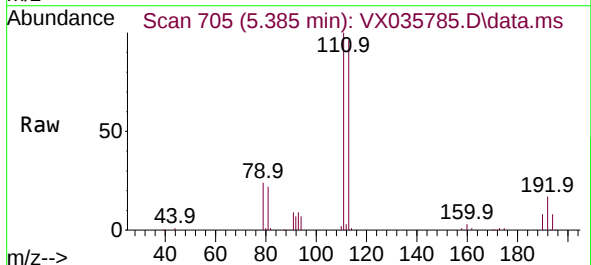
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

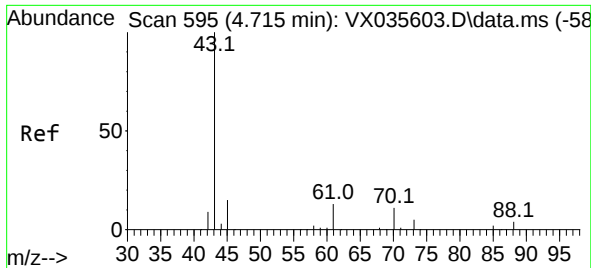
Tgt Ion:114 Resp: 352321
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.608 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion:113 Resp: 113119
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 16.5 15.4 23.2





#37

Ethyl Acetate

Concen: 10.444 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.005 min

Lab File: VX035785.D

Acq: 22 May 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-03-05182023

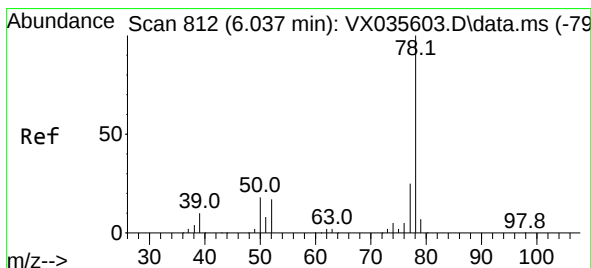
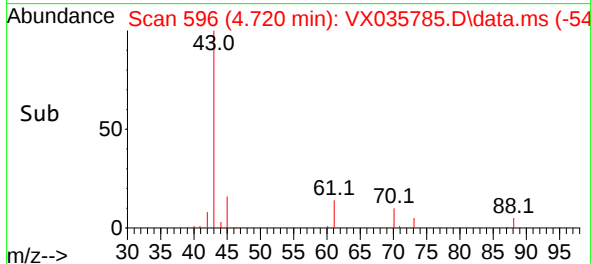
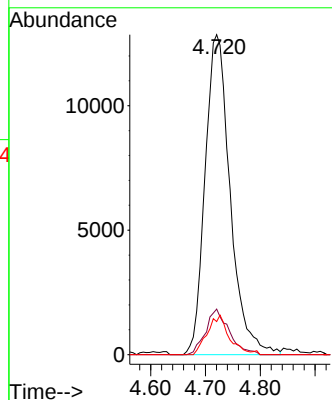
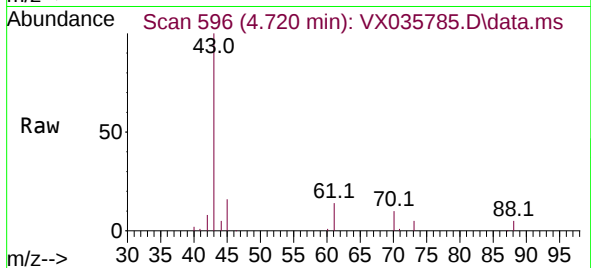
Tgt Ion: 43 Resp: 40855

Ion Ratio Lower Upper

43 100

61 13.3 10.2 15.4

70 10.8 8.2 12.4



#40

Benzene

Concen: 0.280 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX035785.D

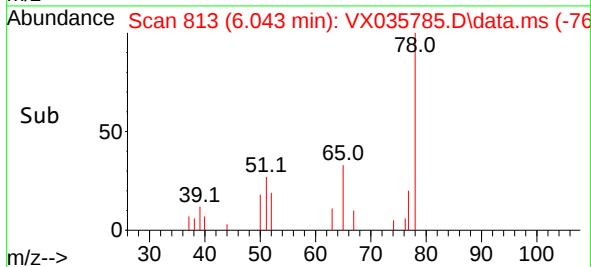
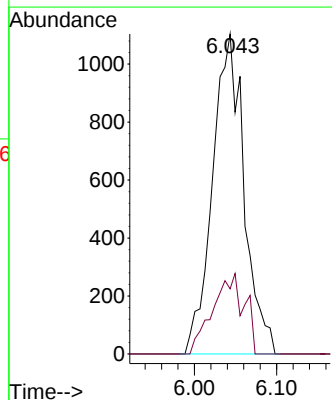
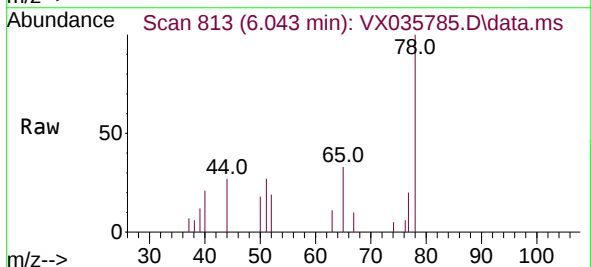
Acq: 22 May 2023 15:25

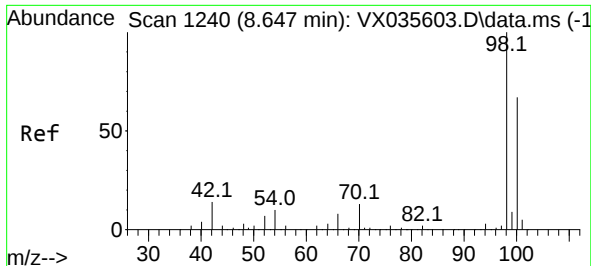
Tgt Ion: 78 Resp: 2940

Ion Ratio Lower Upper

78 100

77 20.4 19.0 28.4

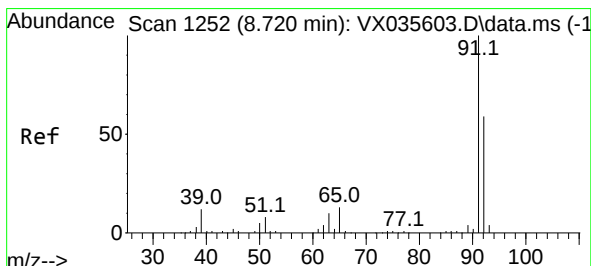
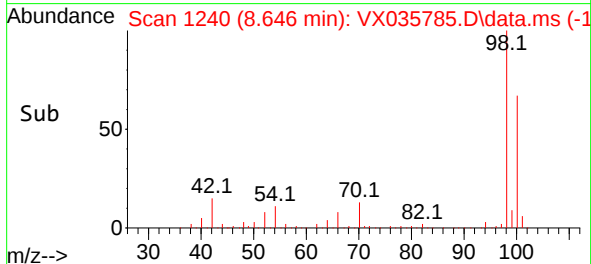
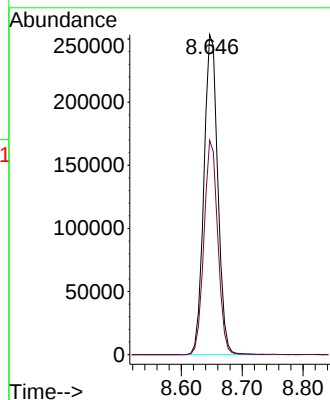
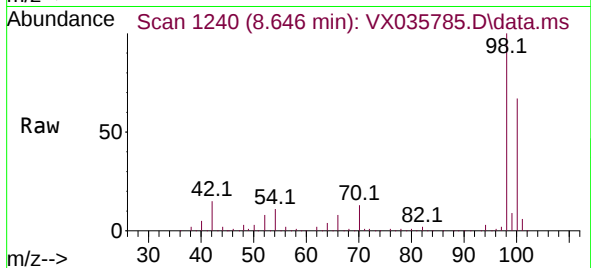




#50
Toluene-d8
Concen: 45.793 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

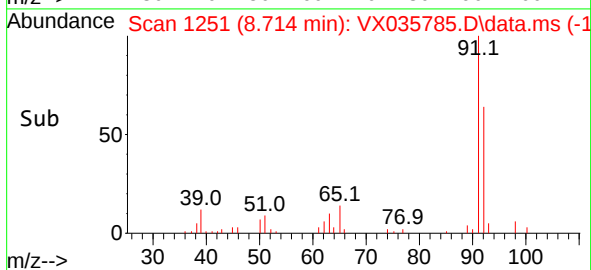
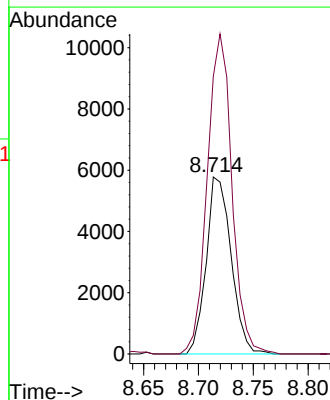
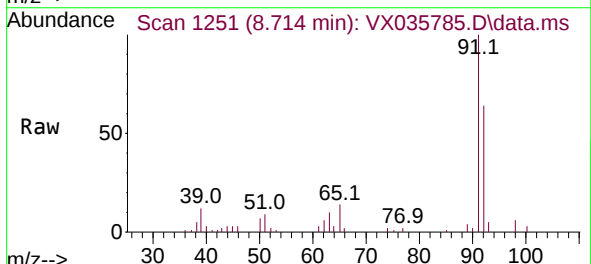
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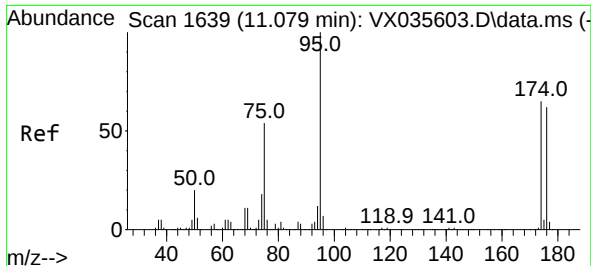
Tgt Ion: 98 Resp: 401954
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#52
Toluene
Concen: 1.383 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion: 92 Resp: 9162
Ion Ratio Lower Upper
92 100
91 178.8 136.8 205.2

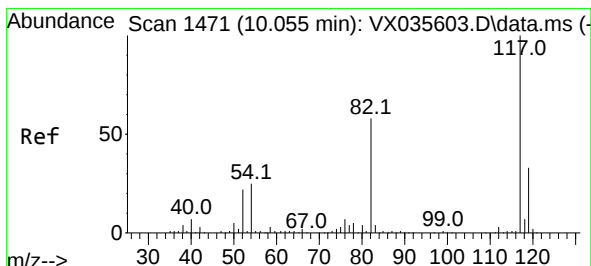
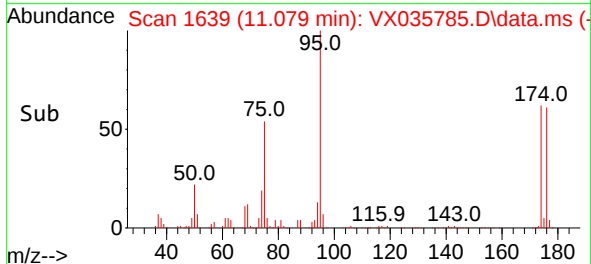
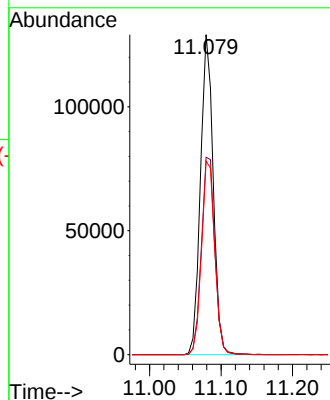
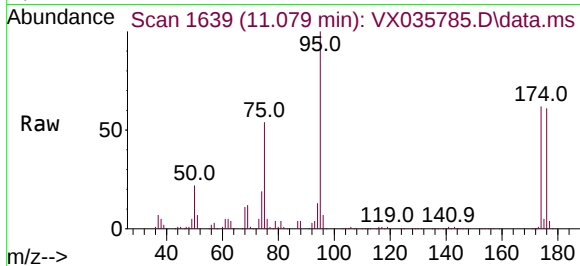




#62
4-Bromofluorobenzene
Concen: 45.063 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

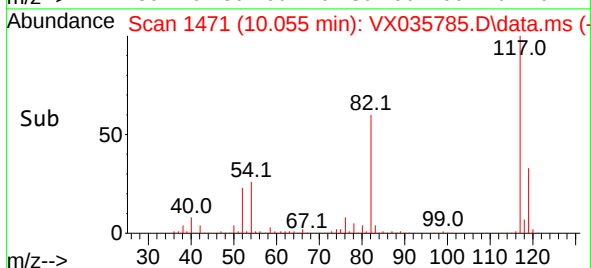
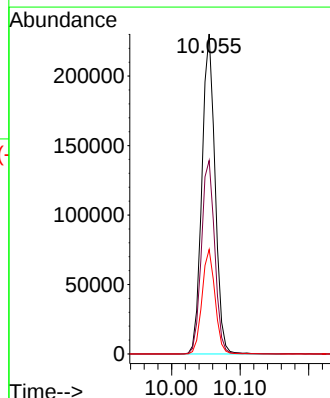
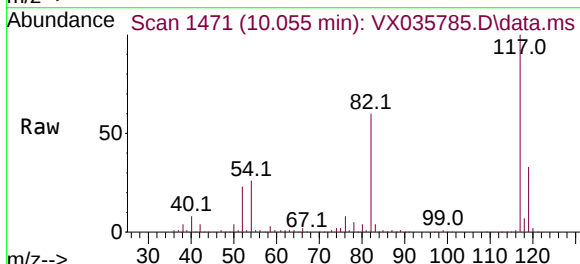
Instrument :
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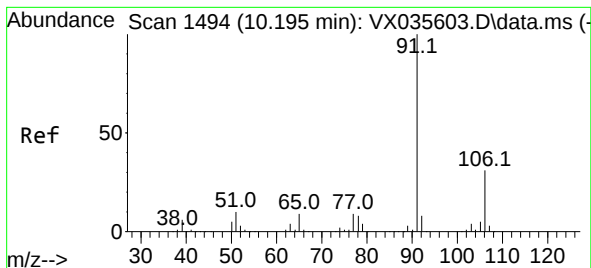
Tgt Ion: 95 Resp: 159265
Ion Ratio Lower Upper
95 100
174 65.2 0.0 147.4
176 62.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion: 117 Resp: 307583
Ion Ratio Lower Upper
117 100
82 60.5 45.0 67.4
119 32.7 26.0 39.0





#67

Ethyl Benzene

Concen: 0.257 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX035785.D

Acq: 22 May 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

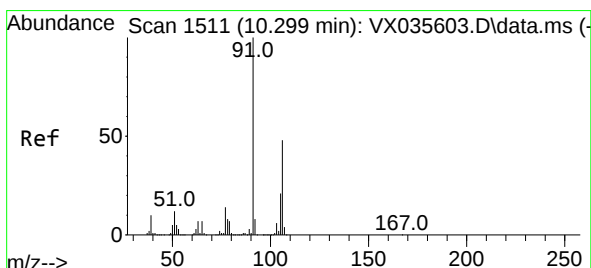
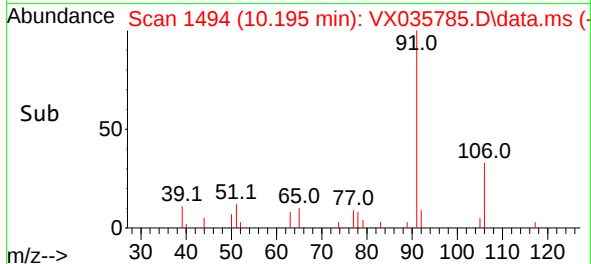
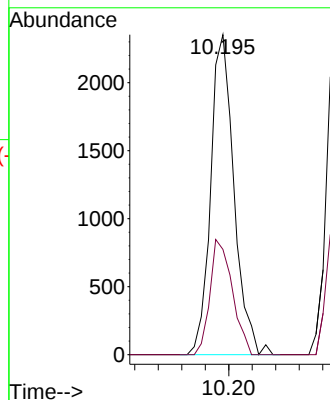
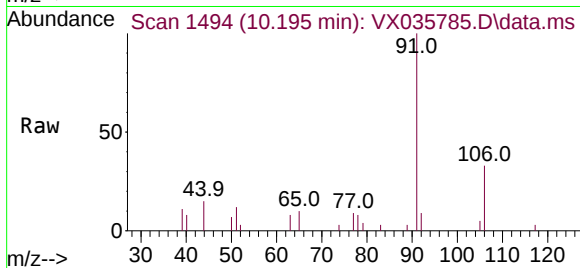
FSND-TB-03-05182023

Tgt Ion: 91 Resp: 3241

Ion Ratio Lower Upper

91 100

106 32.9 25.6 38.4



#68

m/p-Xylenes

Concen: 1.051 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035785.D

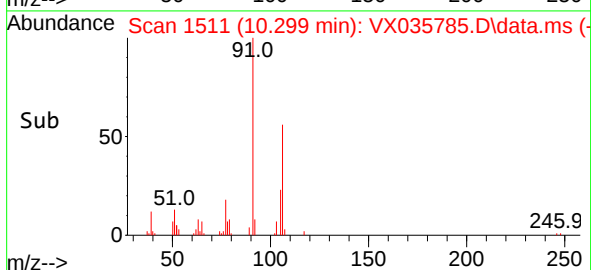
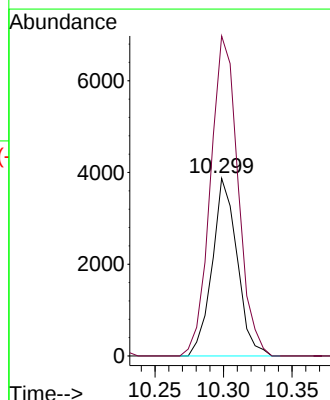
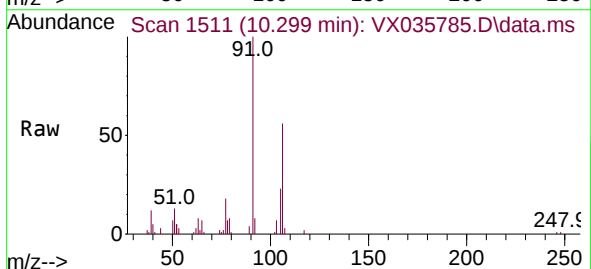
Acq: 22 May 2023 15:25

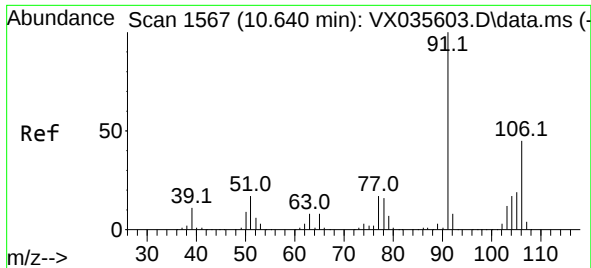
Tgt Ion: 106 Resp: 4906

Ion Ratio Lower Upper

106 100

91 199.1 164.0 246.0

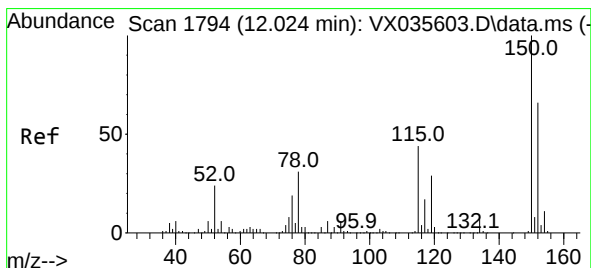
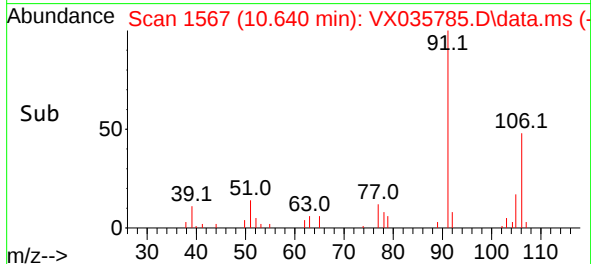
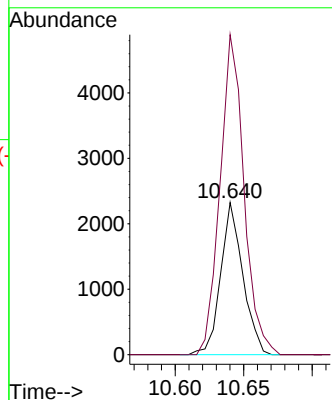
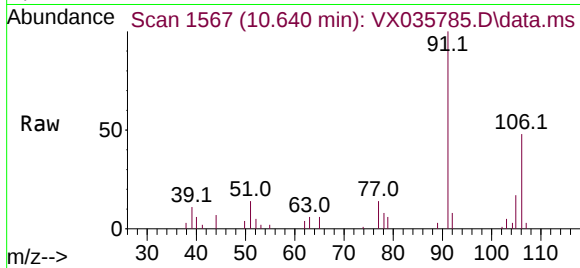




#69
o-Xylene
Concen: 0.565 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

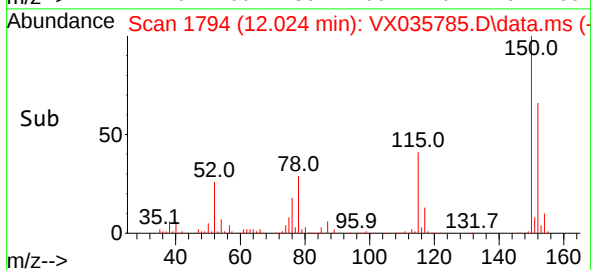
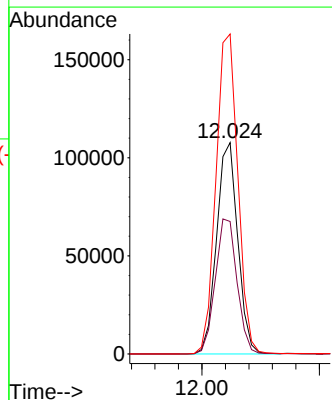
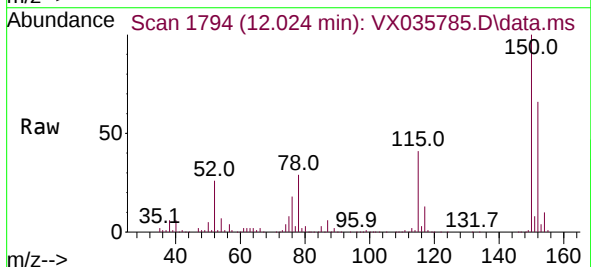
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

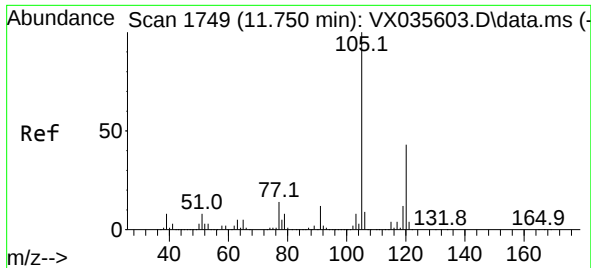
Tgt Ion:106 Resp: 2617
Ion Ratio Lower Upper
106 100
91 227.2 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

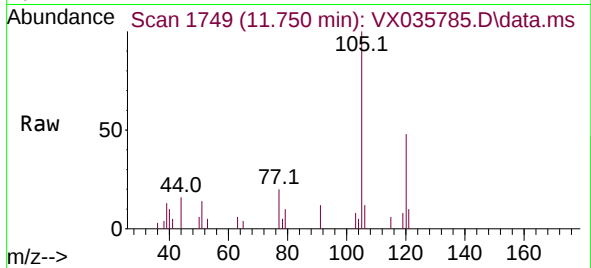
Tgt Ion:152 Resp: 134863
Ion Ratio Lower Upper
152 100
115 65.9 45.0 135.0
150 156.6 0.0 352.4





#84
 1,2,4-Trimethylbenzene
 Concen: 0.298 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035785.D
 Acq: 22 May 2023 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-03-05182023



Tgt Ion:105 Resp: 2889
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.4 67.0

