

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035559.D
 Acq On : 08 May 2023 14:51
 Operator : JC/MD
 Sample : 02643-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-02-05042023

Quant Time: May 09 03:44:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

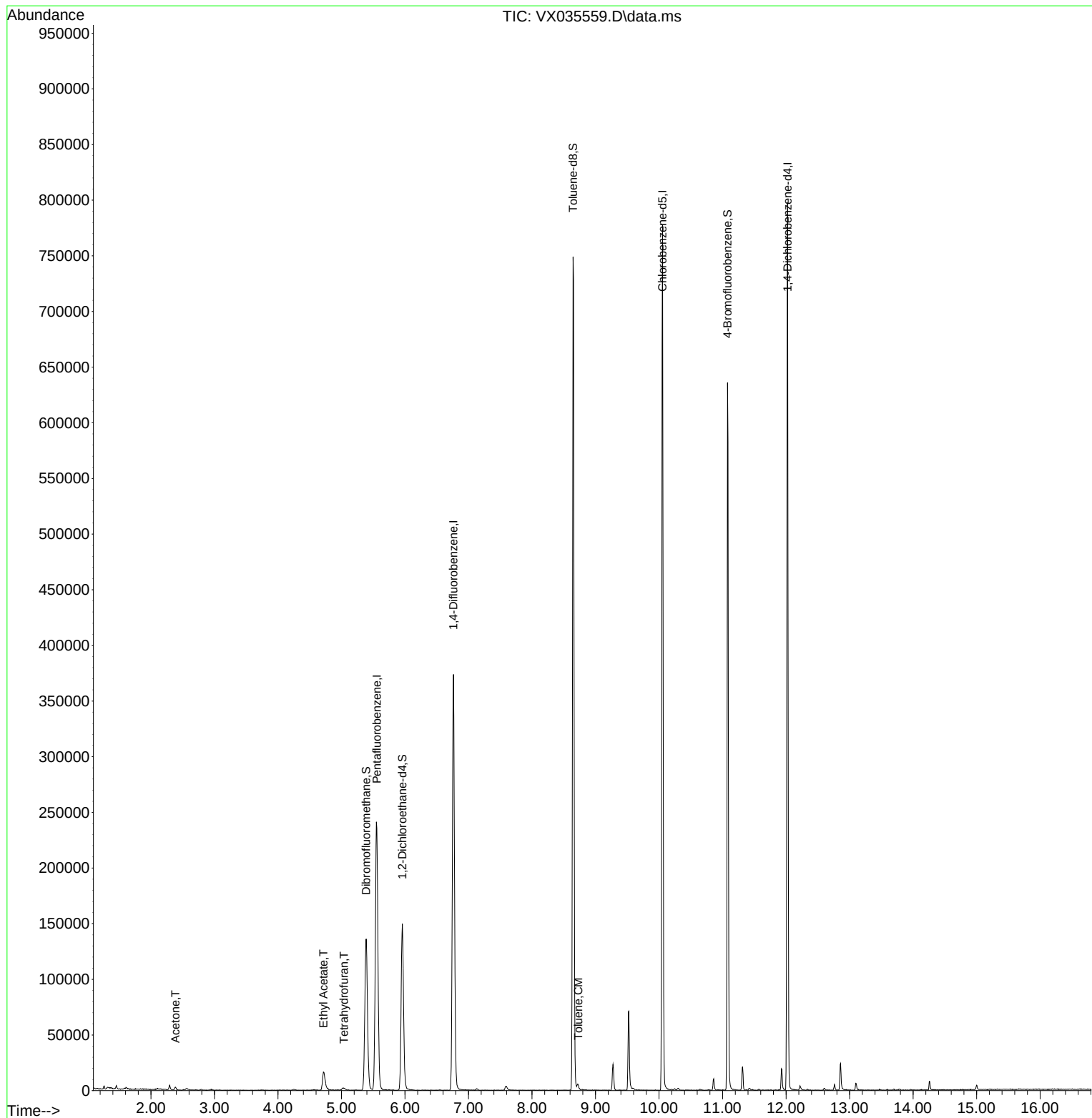
Internal Standards						
1) Pentafluorobenzene	5.555	168	236382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142895	50.107	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.220%	
35) Dibromofluoromethane	5.385	113	121382	50.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.860%	
50) Toluene-d8	8.646	98	447887	49.822	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	11.079	95	176118	52.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.160%	
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	2794	2.256	ug/l	100
29) Tetrahydrofuran	5.037	42	2207	1.904	ug/l	97
37) Ethyl Acetate	4.714	43	31091	9.148	ug/l	95
52) Toluene	8.726	92	1947	0.288	ug/l	87

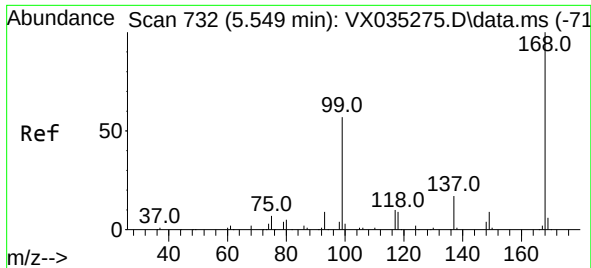
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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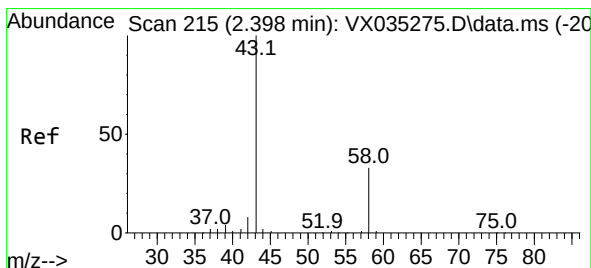
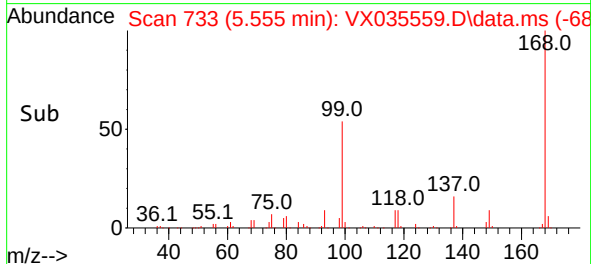
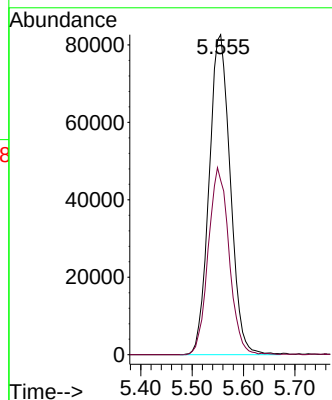
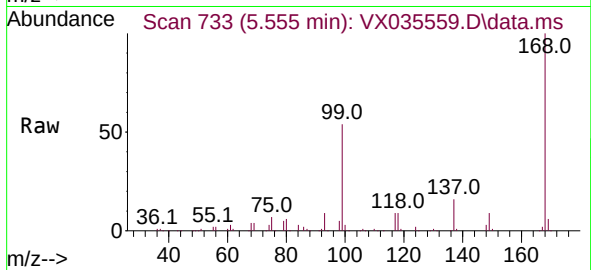




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

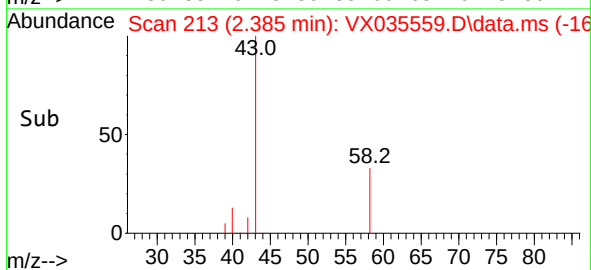
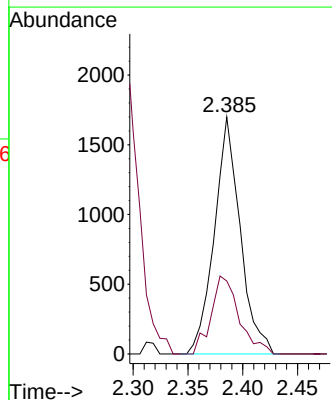
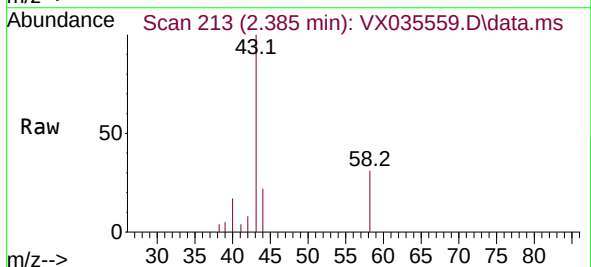
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-02-05042023

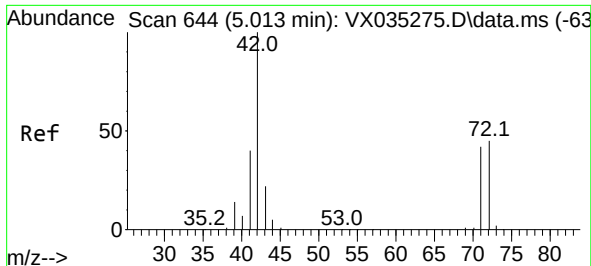
Tgt Ion:168 Resp: 236382
Ion Ratio Lower Upper
168 100
99 54.4 45.7 68.5



#16
Acetone
Concen: 2.256 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.013 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
58 30.8 24.7 37.1





#29

Tetrahydrofuran

Concen: 1.904 ug/l

RT: 5.037 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX035559.D

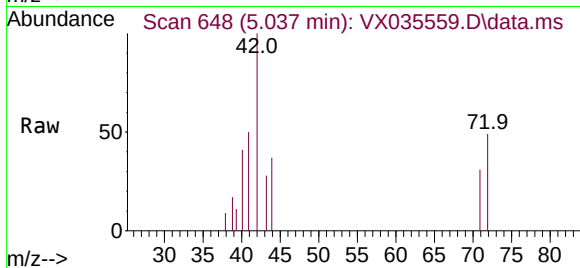
Acq: 08 May 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-02-05042023



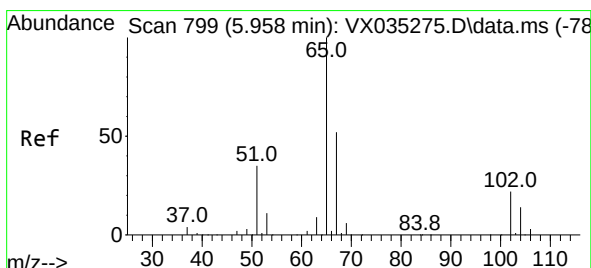
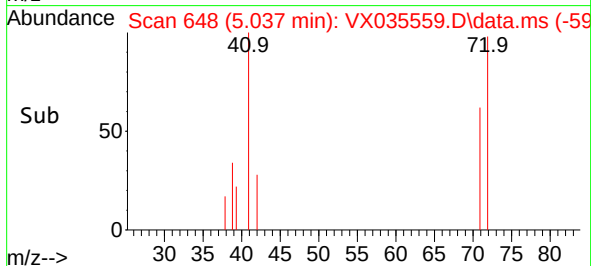
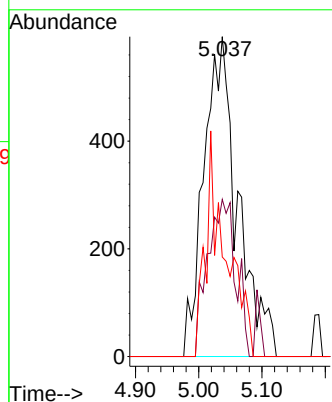
Tgt Ion: 42 Resp: 2207

Ion Ratio Lower Upper

42 100

72 40.9 34.5 51.7

71 41.7 32.1 48.1



#33

1,2-Dichloroethane-d4

Concen: 50.107 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035559.D

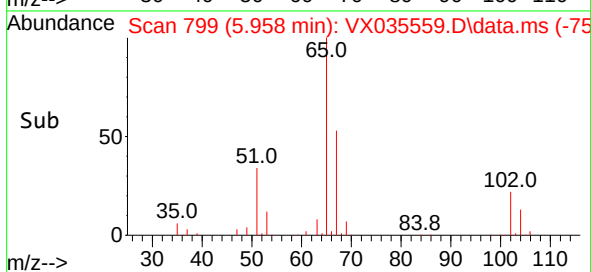
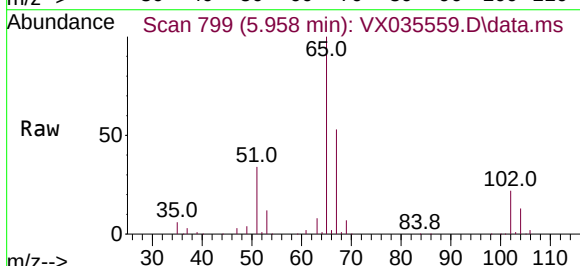
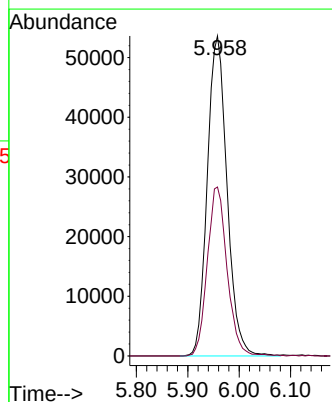
Acq: 08 May 2023 14:51

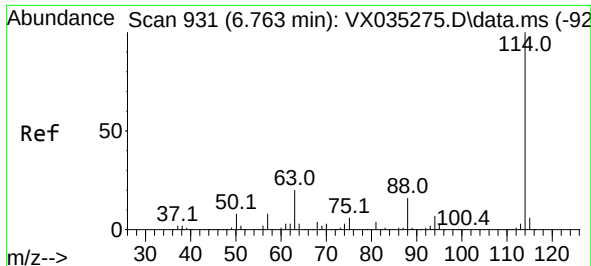
Tgt Ion: 65 Resp: 142895

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0

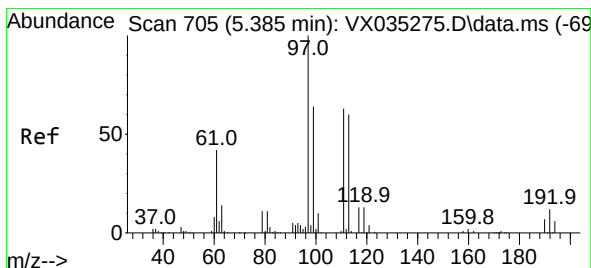
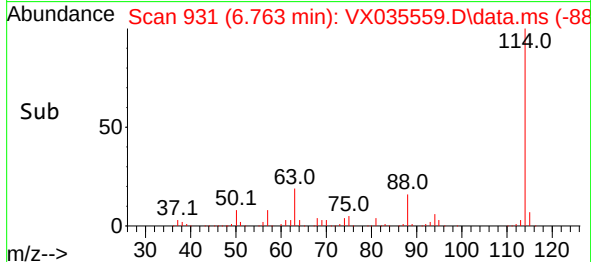
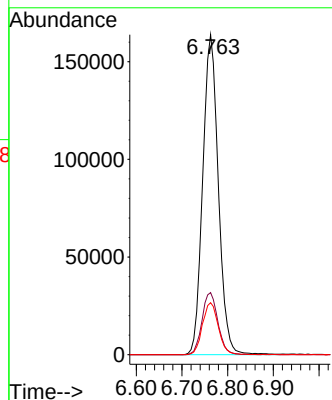
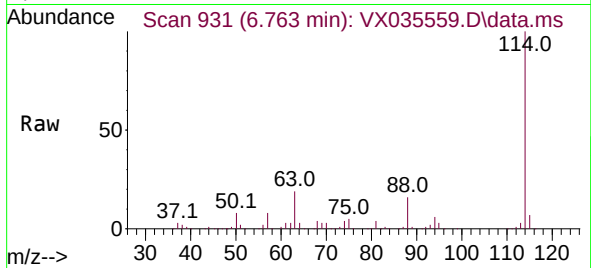




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

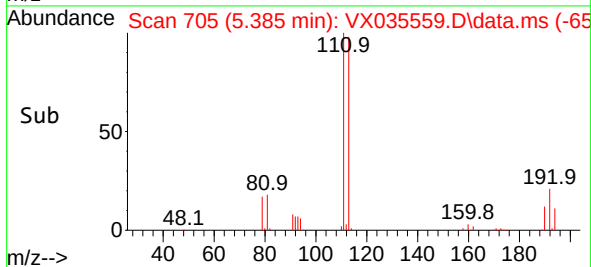
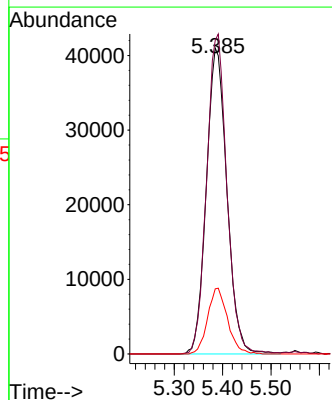
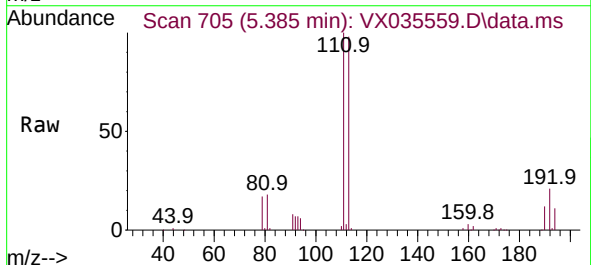
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-02-05042023

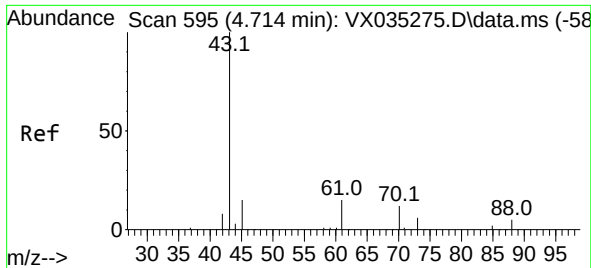
Tgt Ion:114 Resp: 388271
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.935 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Tgt Ion:113 Resp: 121382
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 20.8 15.4 23.2





#37

Ethyl Acetate

Concen: 9.148 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035559.D

Acq: 08 May 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-02-05042023

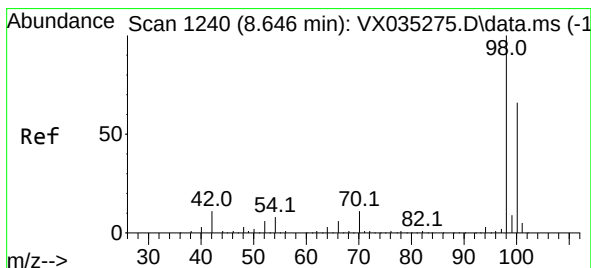
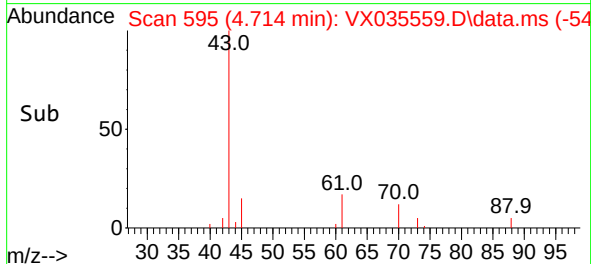
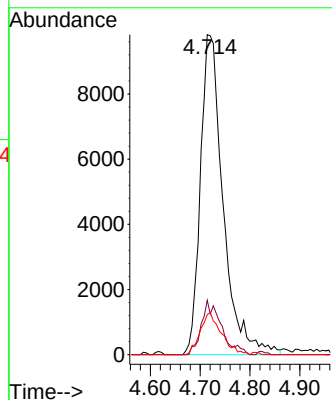
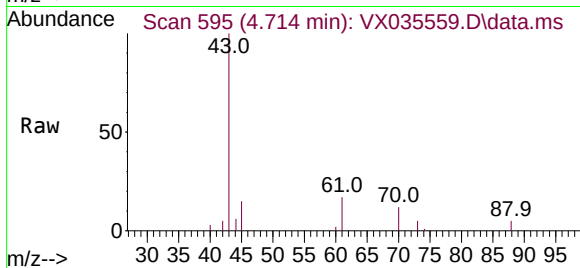
Tgt Ion: 43 Resp: 31091

Ion Ratio Lower Upper

43 100

61 14.9 10.2 15.4

70 12.2 8.2 12.4



#50

Toluene-d8

Concen: 49.822 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035559.D

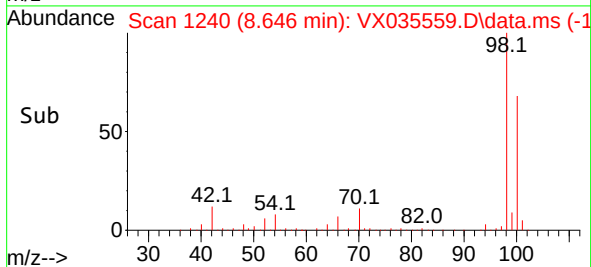
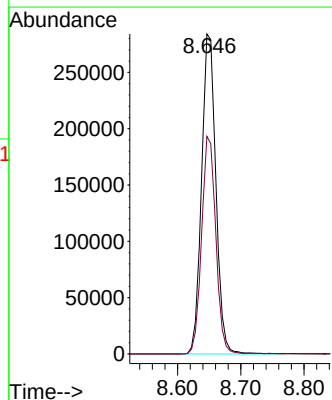
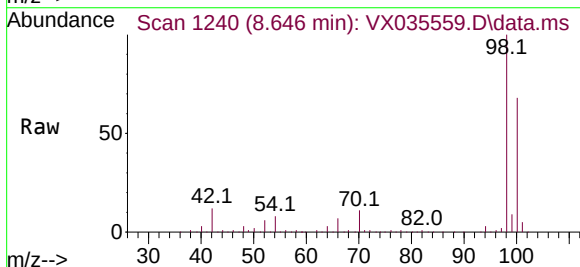
Acq: 08 May 2023 14:51

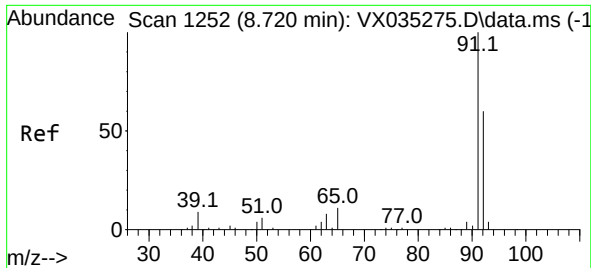
Tgt Ion: 98 Resp: 447887

Ion Ratio Lower Upper

98 100

100 67.6 52.5 78.7

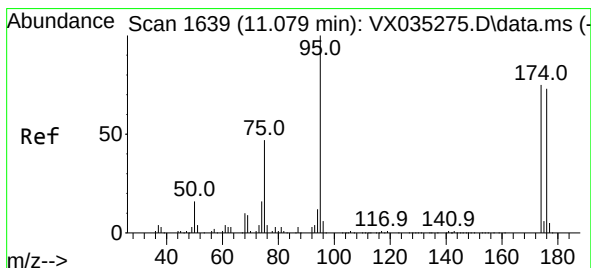
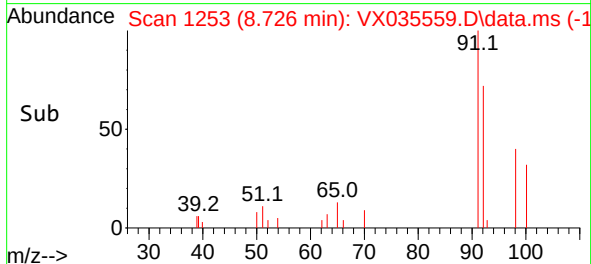
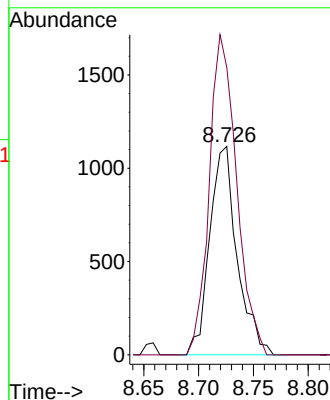
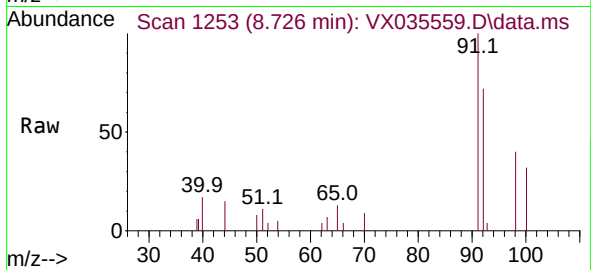




#52
Toluene
Concen: 0.288 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

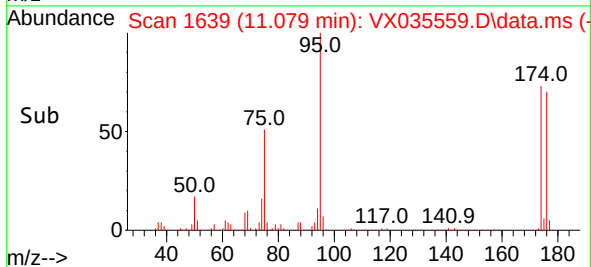
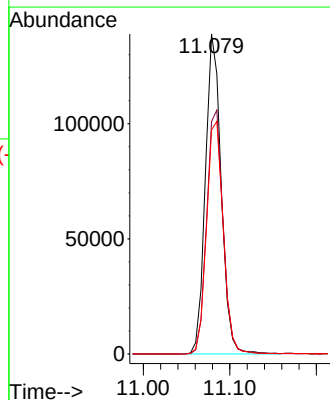
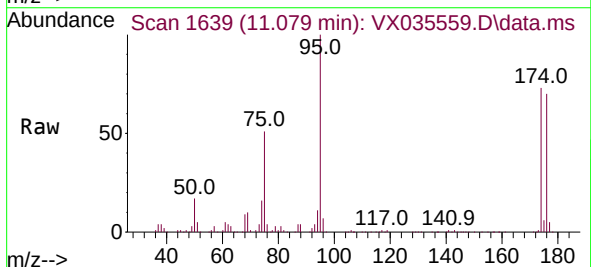
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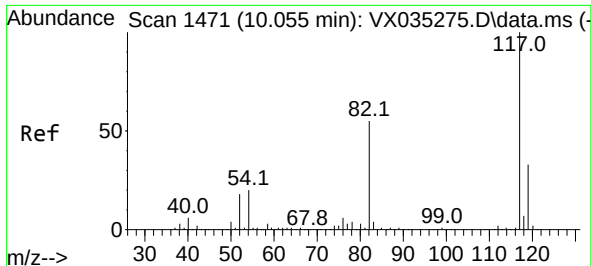
Tgt Ion: 92 Resp: 1947
Ion Ratio Lower Upper
92 100
91 153.1 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 52.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Tgt Ion: 95 Resp: 176118
Ion Ratio Lower Upper
95 100
174 79.4 0.0 147.4
176 76.8 0.0 140.6

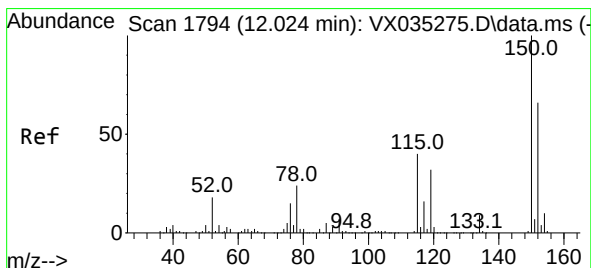
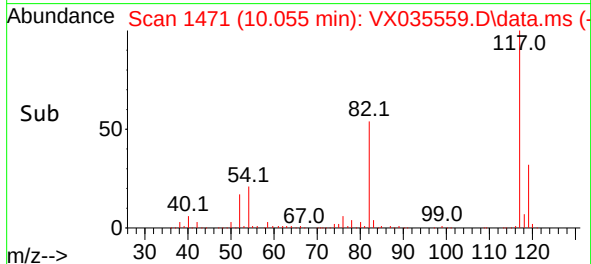
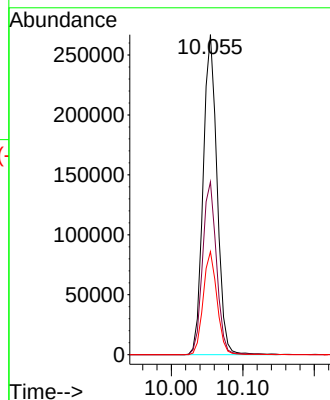
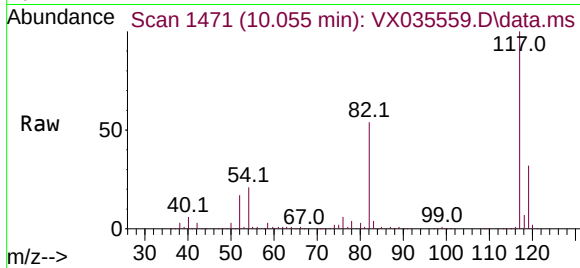




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 360658
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Tgt Ion:152 Resp: 173631
Ion Ratio Lower Upper
152 100
115 60.5 45.0 135.0
150 158.6 0.0 352.4

