

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038688.D
 Acq On : 09 Nov 2023 18:10
 Operator : JC/MD
 Sample : 05241-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-5-20231102

Quant Time: Nov 10 03:43:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

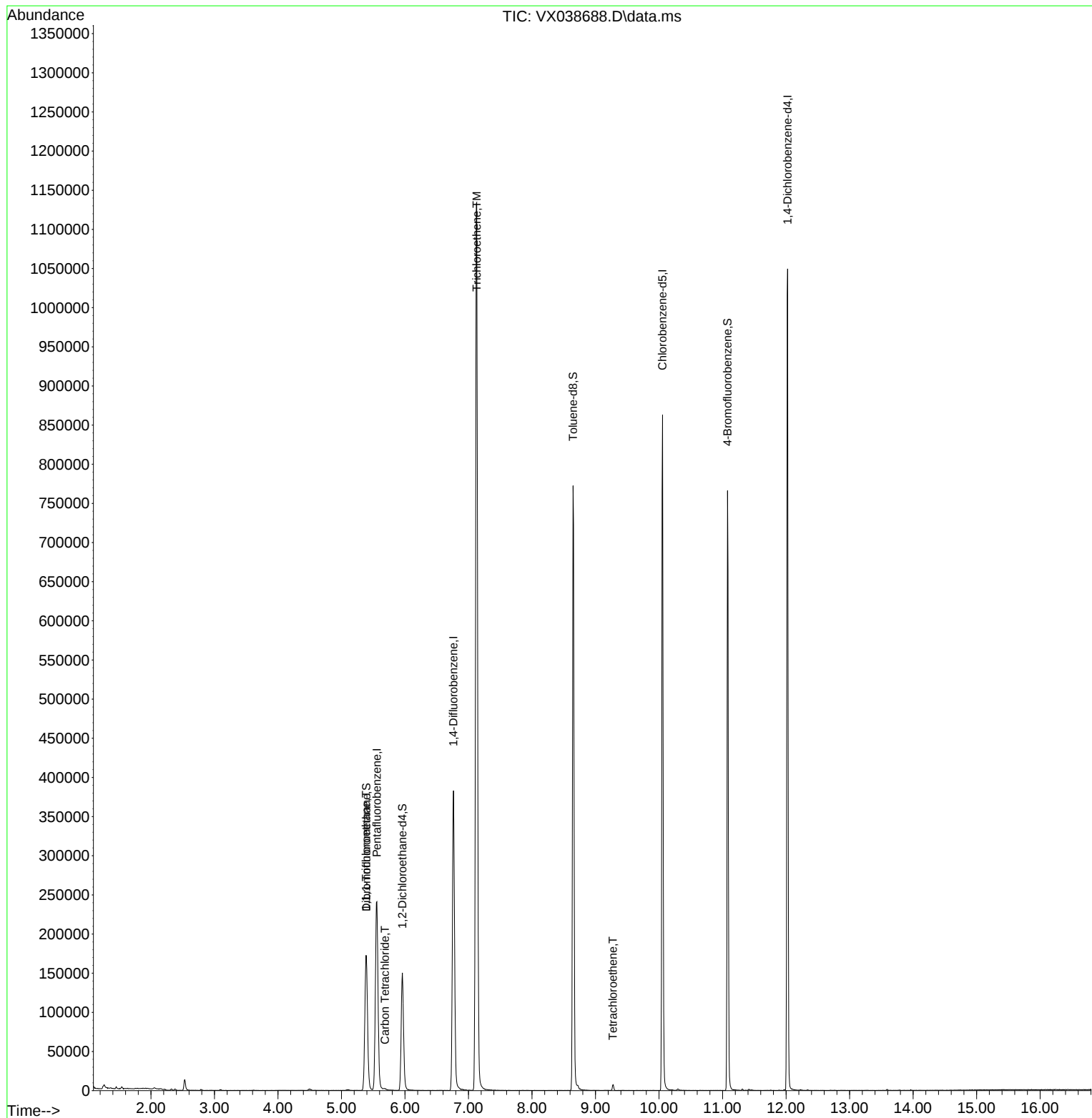
Internal Standards						
1) Pentafluorobenzene	5.556	168	250990	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	423848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148676	47.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.160%
35) Dibromofluoromethane	5.391	113	139541	45.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.647	98	498614	45.645	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.300%#
62) 4-Bromofluorobenzene	11.079	95	210584	49.722	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.440%
Target Compounds						
					Qvalue	
32) 1,1,1-Trichloroethane	5.385	97	18716	4.333	ug/l	96
38) Carbon Tetrachloride	5.684	117	1190	0.281	ug/l	85
44) Trichloroethene	7.129	130	476649	140.261	ug/l	90
64) Tetrachloroethene	9.275	164	1449	0.447	ug/l #	79

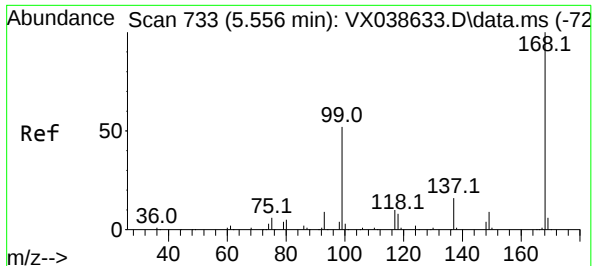
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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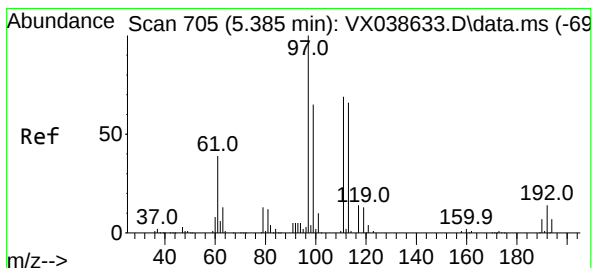
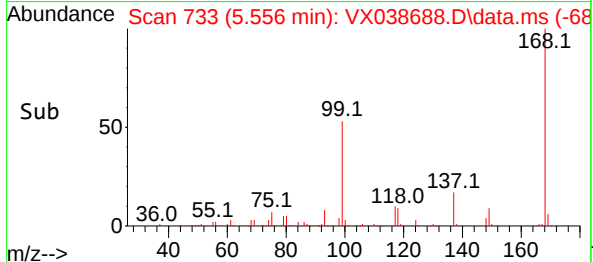
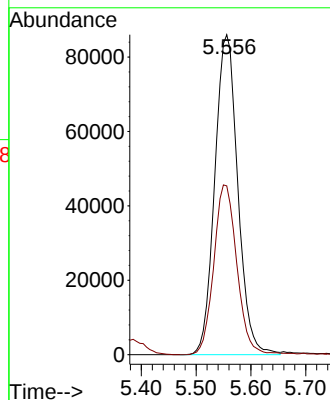
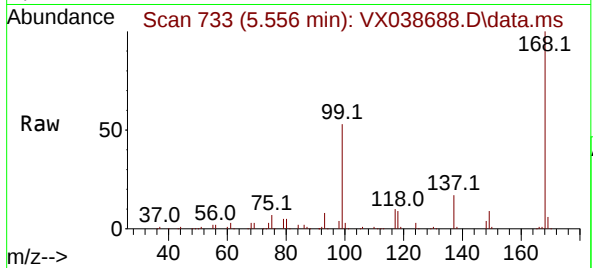




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038688.D
Acq: 09 Nov 2023 18:10

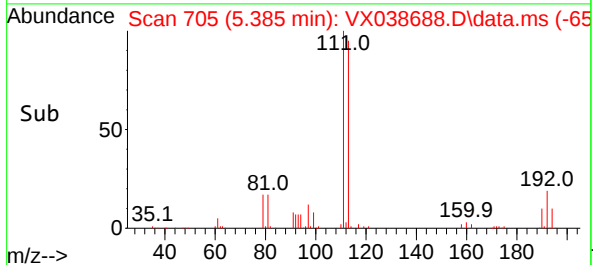
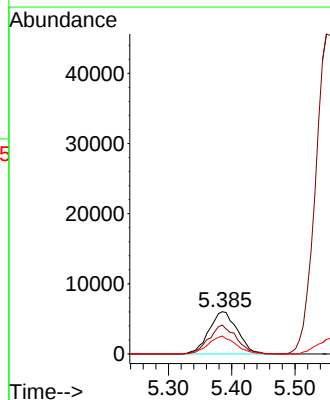
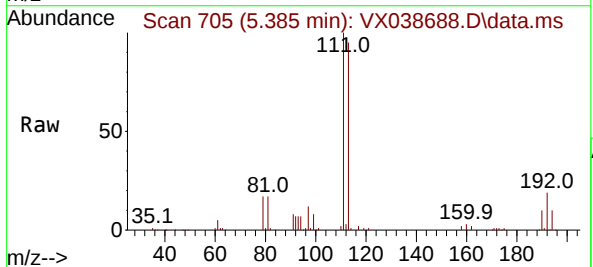
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-5-20231102

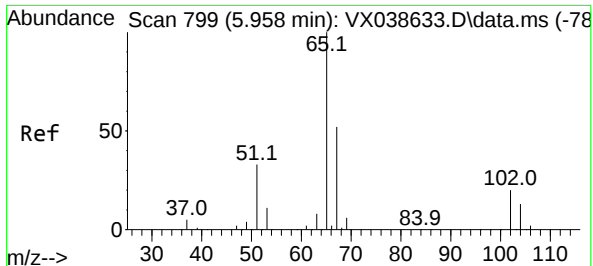
Tgt Ion:168 Resp: 250990
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#32
1,1,1-Trichloroethane
Concen: 4.333 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038688.D
Acq: 09 Nov 2023 18:10

Tgt Ion: 97 Resp: 18716
Ion Ratio Lower Upper
97 100
99 65.8 51.1 76.7
61 40.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.580 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038688.D

Acq: 09 Nov 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

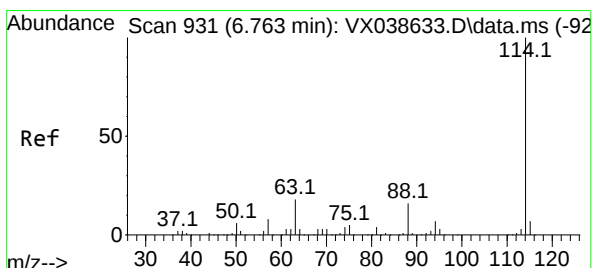
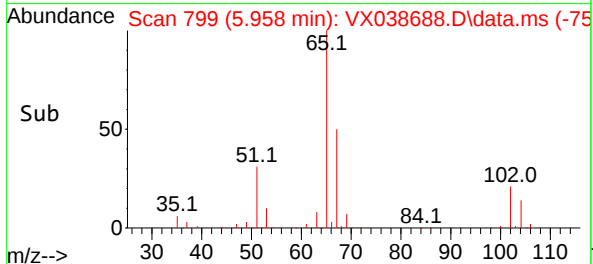
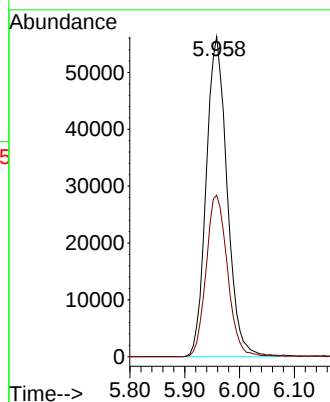
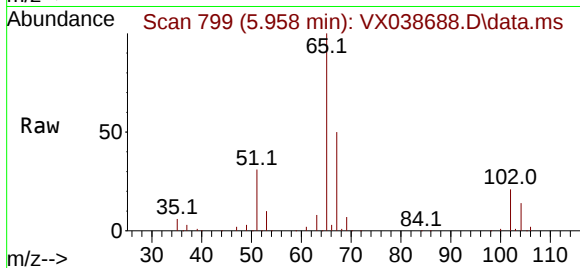
FSND-FD-5-20231102

Tgt Ion: 65 Resp: 148676

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038688.D

Acq: 09 Nov 2023 18:10

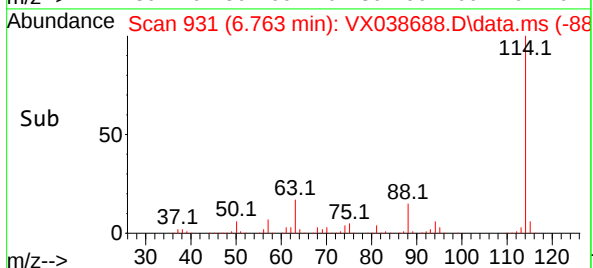
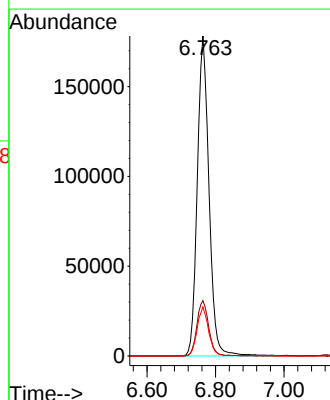
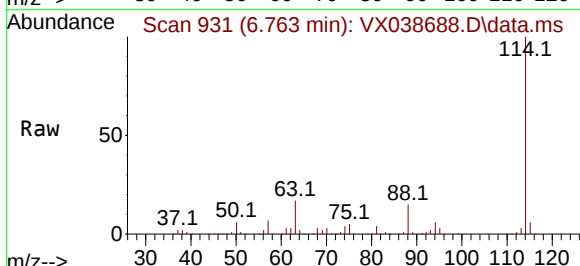
Tgt Ion: 114 Resp: 423848

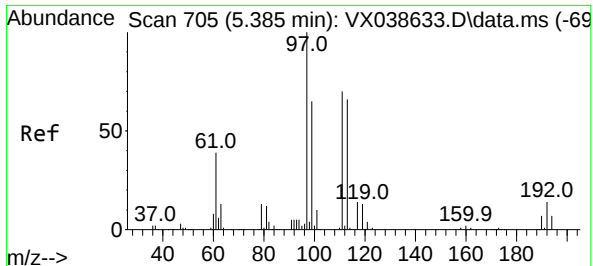
Ion Ratio Lower Upper

114 100

63 17.3 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.711 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038688.D

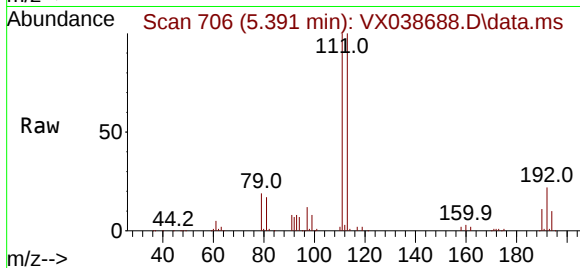
Acq: 09 Nov 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

FSND-FD-5-20231102



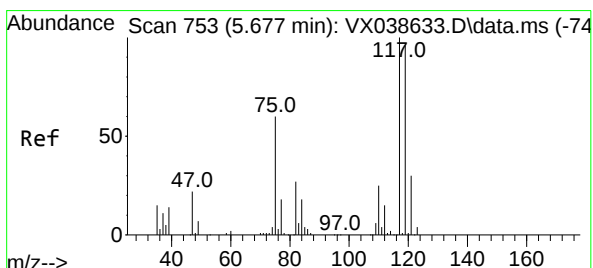
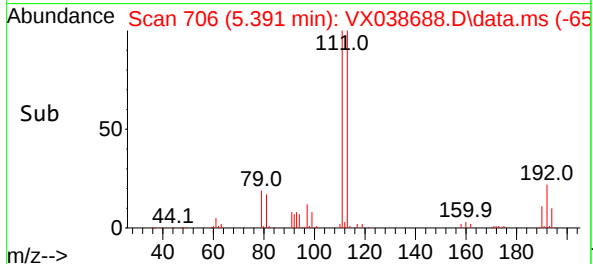
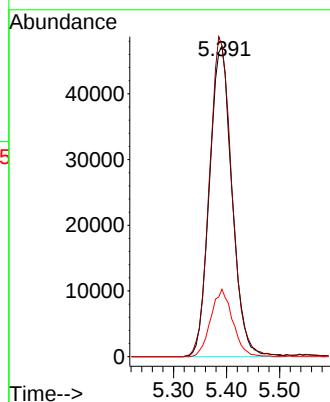
Tgt Ion:113 Resp: 139541

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 21.1 13.3 19.9#



#38

Carbon Tetrachloride

Concen: 0.281 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX038688.D

Acq: 09 Nov 2023 18:10

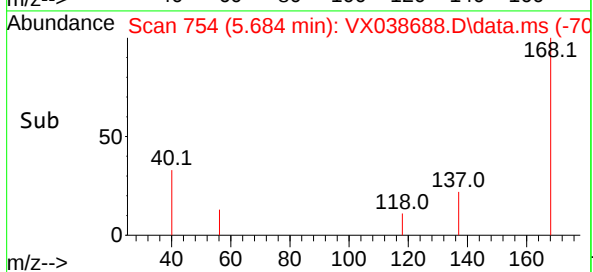
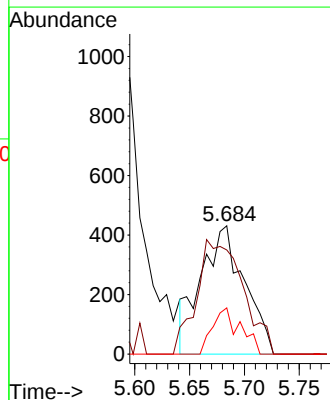
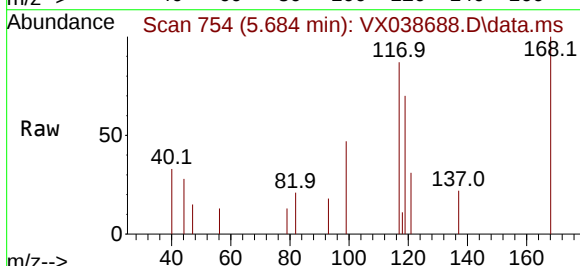
Tgt Ion:117 Resp: 1190

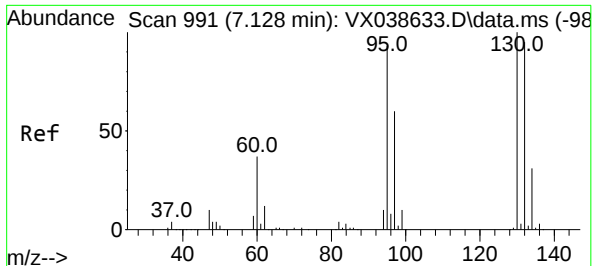
Ion Ratio Lower Upper

117 100

119 81.2 78.2 117.2

121 36.0 24.4 36.6

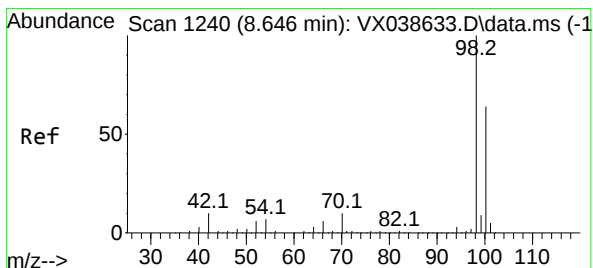
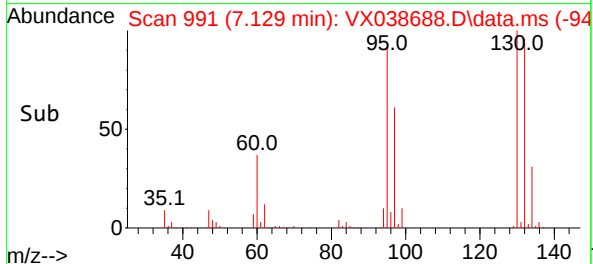
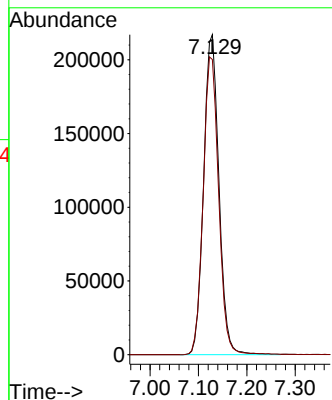
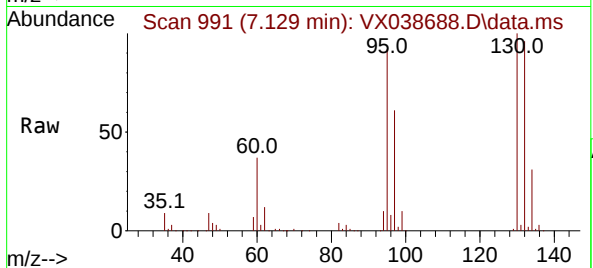




#44
Trichloroethene
Concen: 140.261 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038688.D
Acq: 09 Nov 2023 18:10

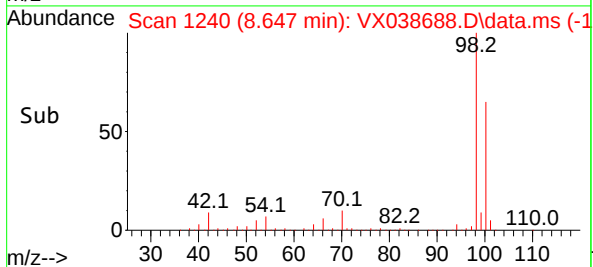
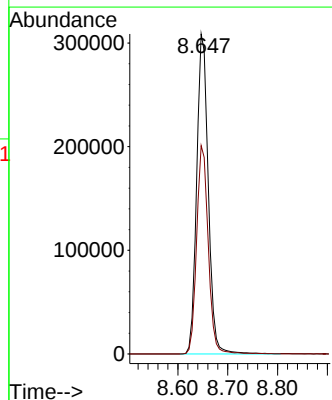
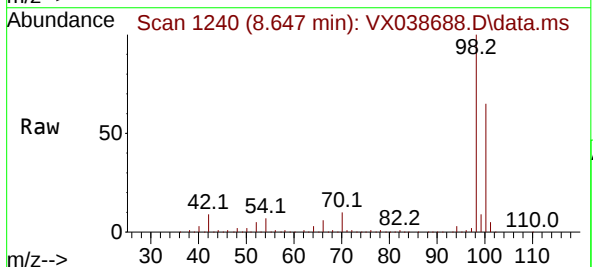
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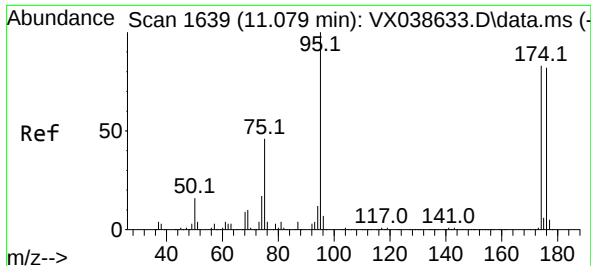
Tgt Ion:130 Resp: 476649
Ion Ratio Lower Upper
130 100
95 92.3 0.0 204.4



#50
Toluene-d8
Concen: 45.645 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038688.D
Acq: 09 Nov 2023 18:10

Tgt Ion: 98 Resp: 498614
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

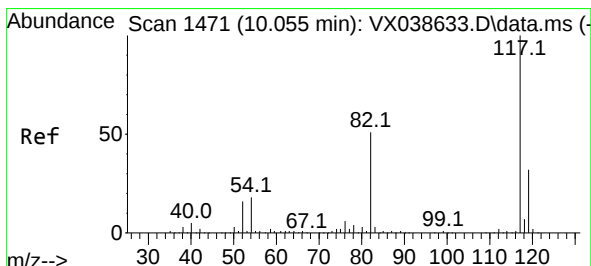
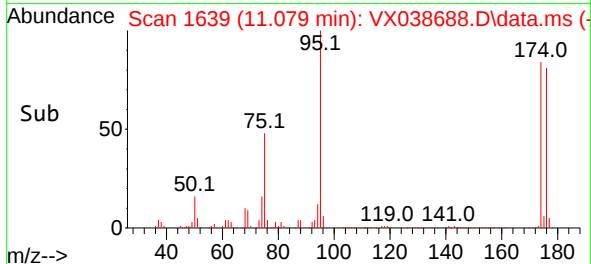
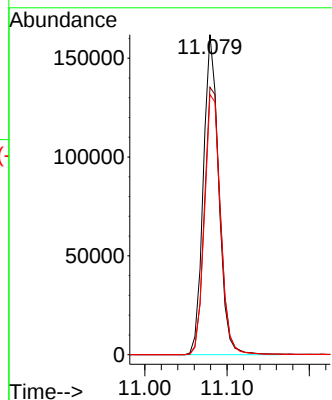
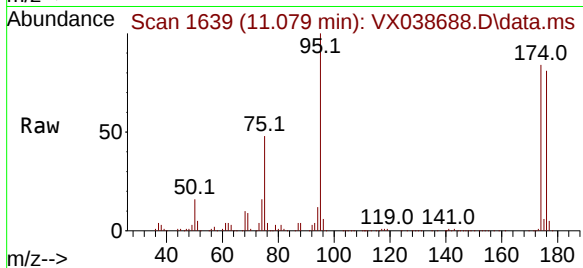




#62
4-Bromofluorobenzene
Concen: 49.722 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038688.D
Acq: 09 Nov 2023 18:10

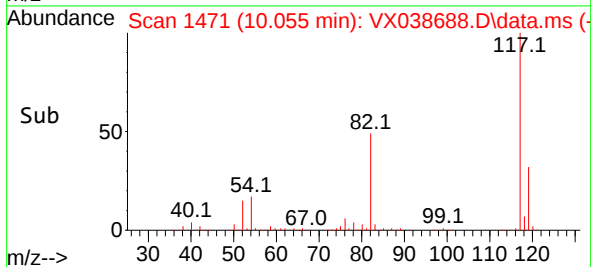
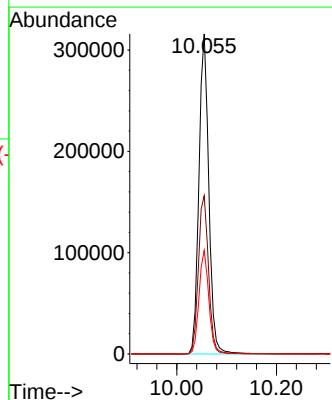
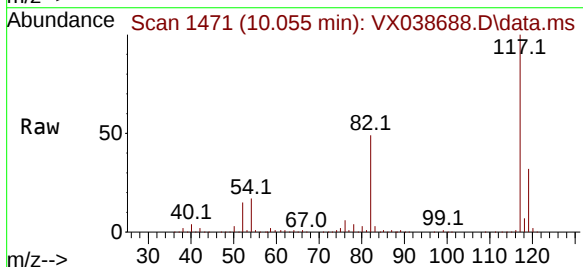
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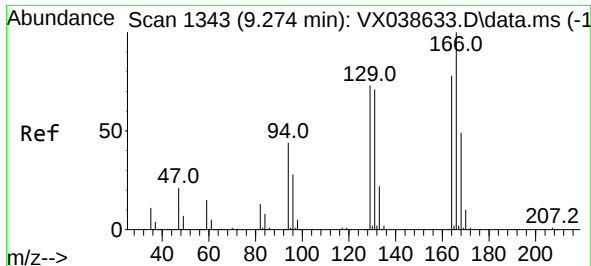
Tgt Ion: 95 Resp: 210584
Ion Ratio Lower Upper
95 100
174 87.5 0.0 135.6
176 84.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038688.D
Acq: 09 Nov 2023 18:10

Tgt Ion: 117 Resp: 433498
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 32.3 25.5 38.3

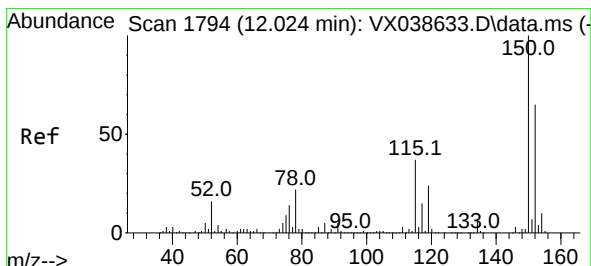
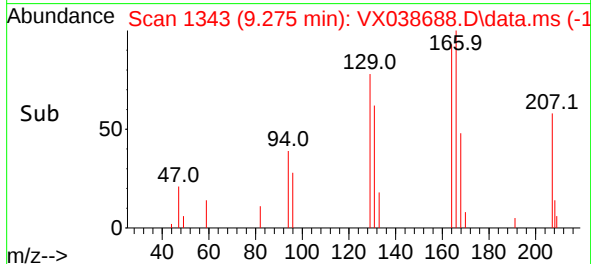
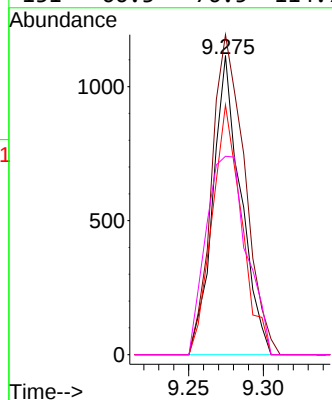
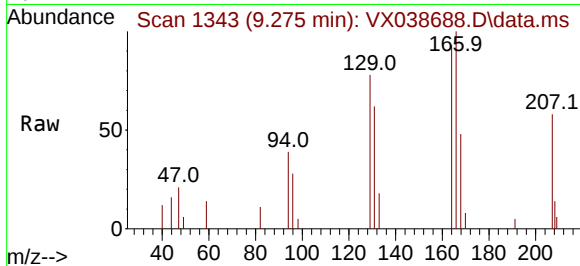




#64
Tetrachloroethene
Concen: 0.447 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038688.D
Acq: 09 Nov 2023 18:10

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-5-20231102

Tgt Ion:164 Resp: 1449
Ion Ratio Lower Upper
164 100
166 107.0 102.7 154.1
129 83.5 80.4 120.6
131 66.3 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038688.D
Acq: 09 Nov 2023 18:10

Tgt Ion:152 Resp: 246746
Ion Ratio Lower Upper
152 100
115 58.3 43.3 129.9
150 156.4 0.0 345.0

