

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038727.D
 Acq On : 10 Nov 2023 14:38
 Operator : JC/MD
 Sample : 05223-23DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-2-20231031DL

Quant Time: Nov 11 01:54:17 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)

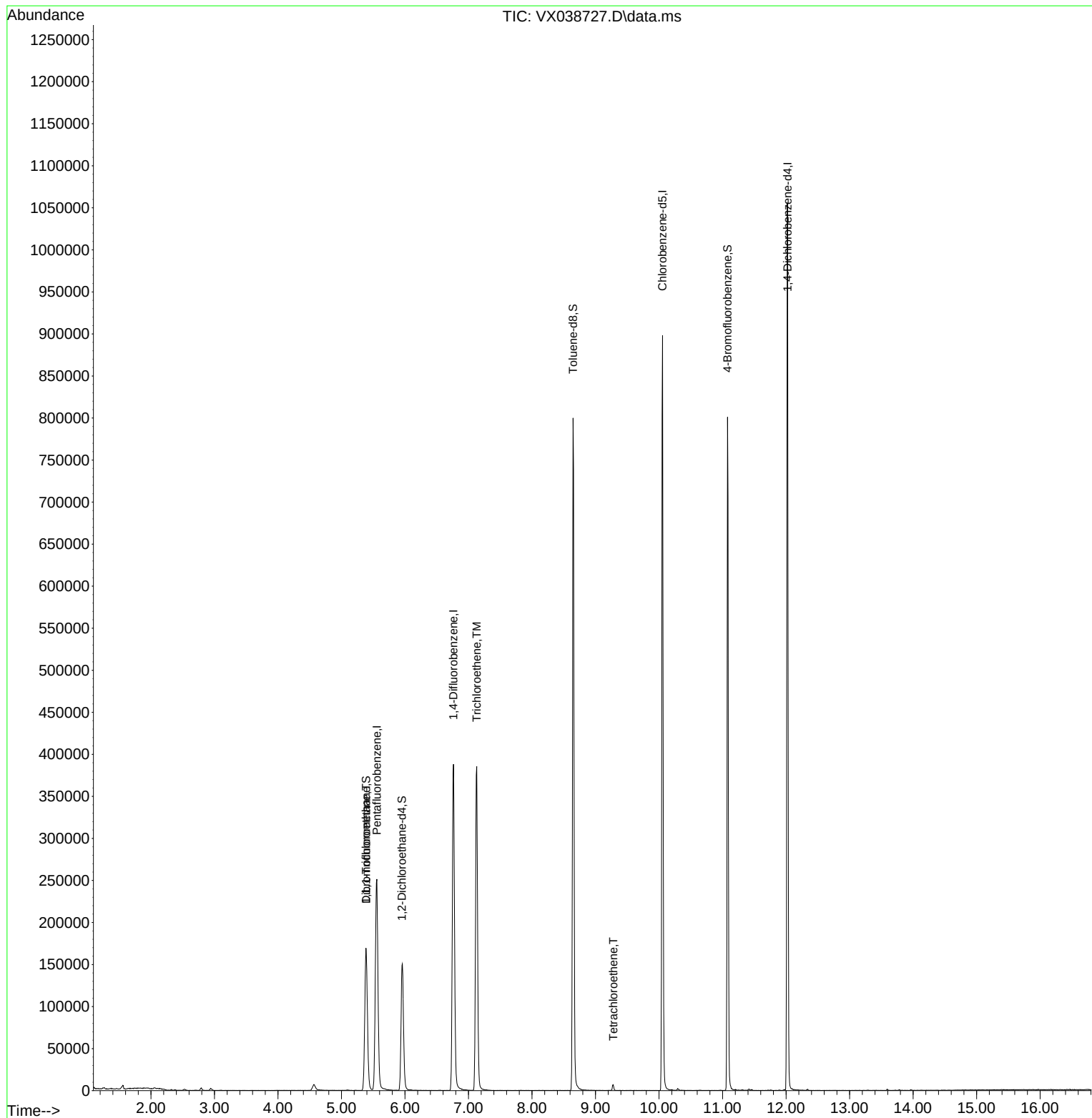
Internal Standards						
1) Pentafluorobenzene	5.556	168	262877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	437713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153908	47.027	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.060%
35) Dibromofluoromethane	5.385	113	144007	45.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	8.647	98	511569	45.348	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.700%#
62) 4-Bromofluorobenzene	11.079	95	218768	50.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.040%
Target Compounds						
						Qvalue
32) 1,1,1-Trichloroethane	5.385	97	6727	1.487	ug/l	96
44) Trichloroethene	7.129	130	163386	46.556	ug/l	88
64) Tetrachloroethene	9.281	164	1525	0.455	ug/l #	82

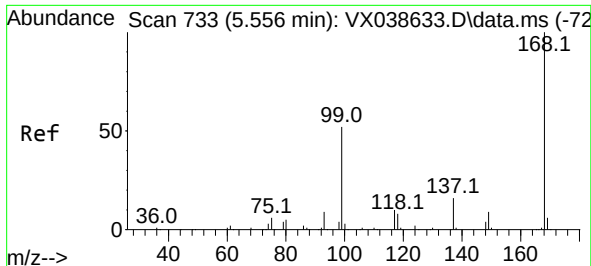
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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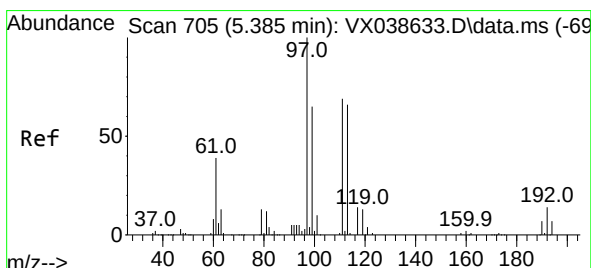
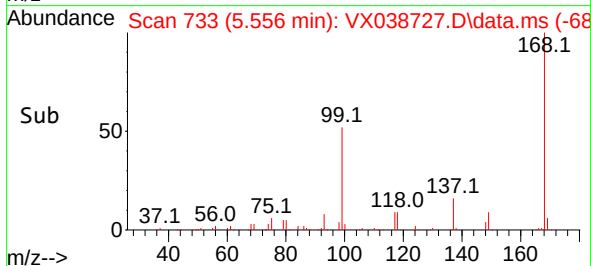
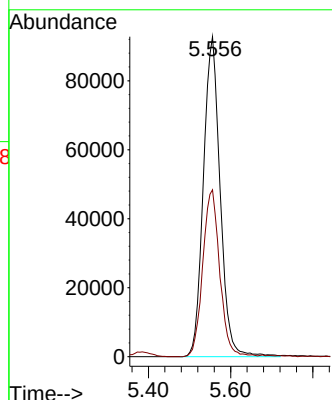
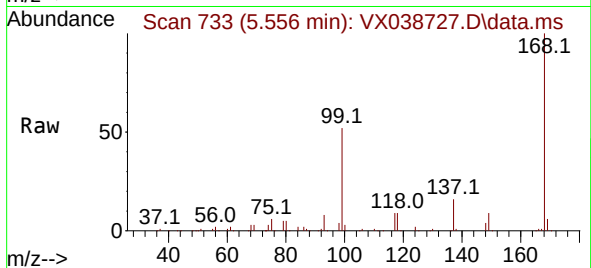




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038727.D
Acq: 10 Nov 2023 14:38

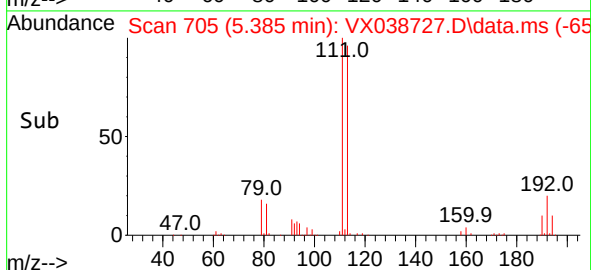
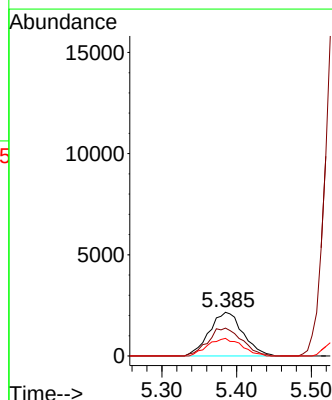
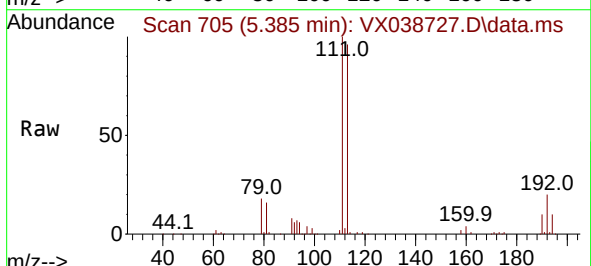
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-2-20231031DL

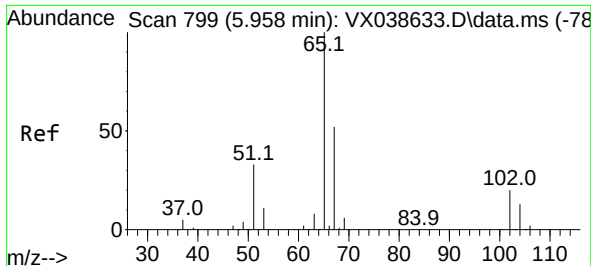
Tgt Ion:168 Resp: 262877
Ion Ratio Lower Upper
168 100
99 52.2 56.6 85.0#



#32
1,1,1-Trichloroethane
Concen: 1.487 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038727.D
Acq: 10 Nov 2023 14:38

Tgt Ion: 97 Resp: 6727
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 40.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.027 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038727.D

Acq: 10 Nov 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

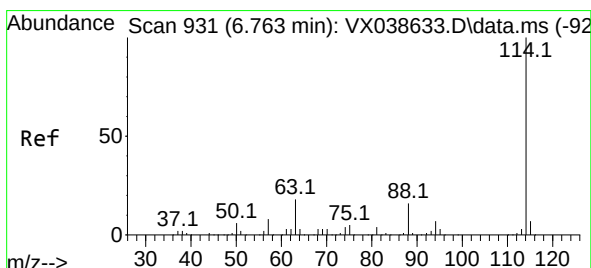
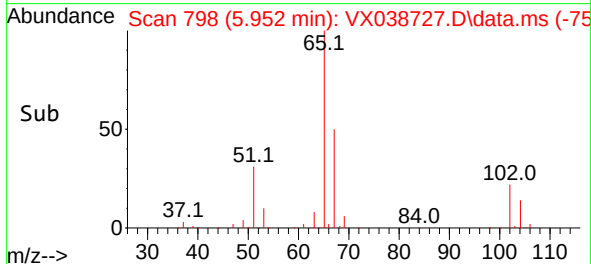
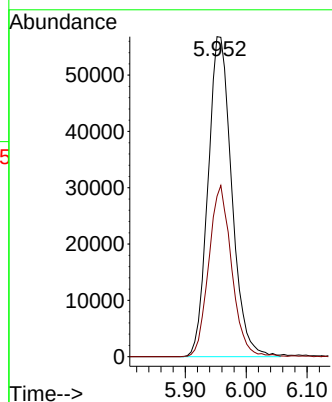
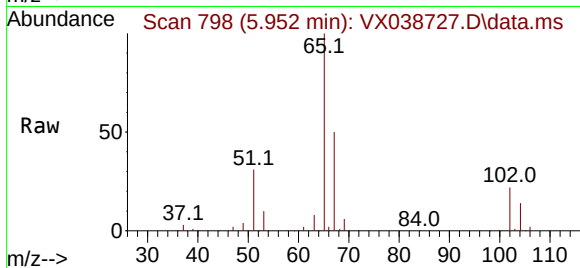
FSND-FD-2-20231031DL

Tgt Ion: 65 Resp: 153908

Ion Ratio Lower Upper

65 100

67 51.5 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: VX038727.D

Acq: 10 Nov 2023 14:38

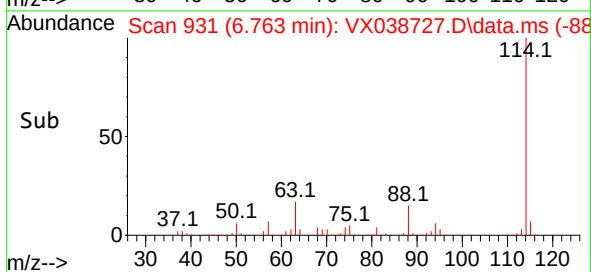
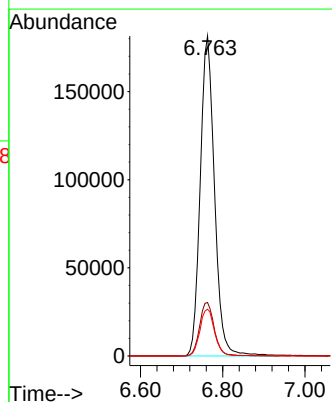
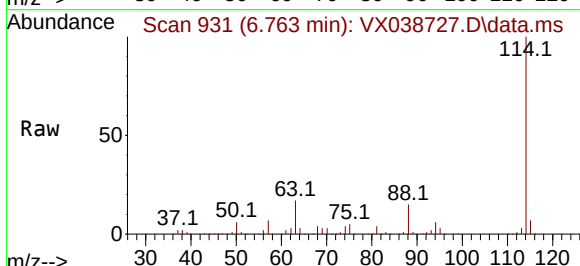
Tgt Ion: 114 Resp: 437713

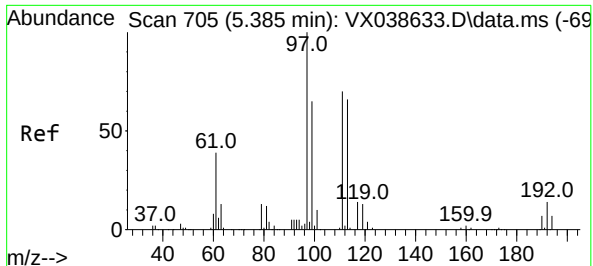
Ion Ratio Lower Upper

114 100

63 16.7 0.0 45.0

88 14.6 0.0 36.6

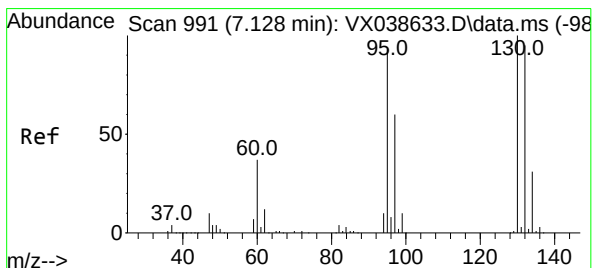
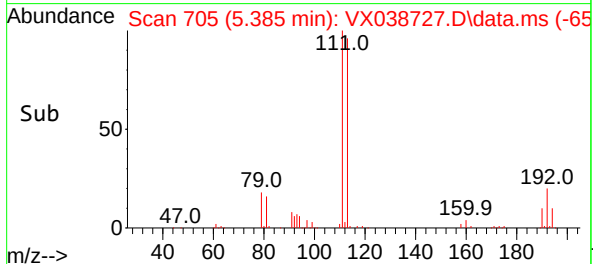
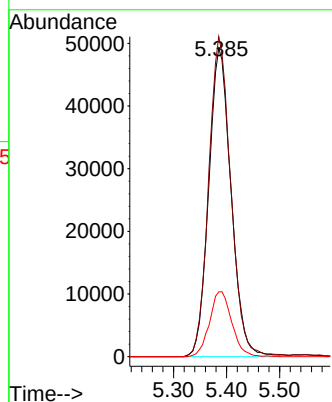
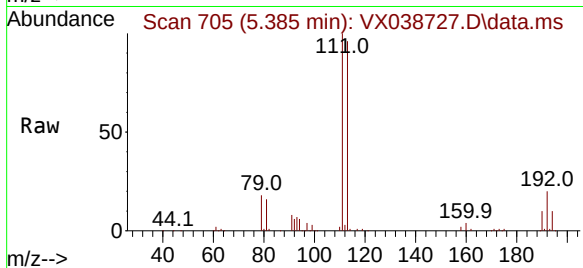




#35
Dibromofluoromethane
Concen: 45.680 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038727.D
Acq: 10 Nov 2023 14:38

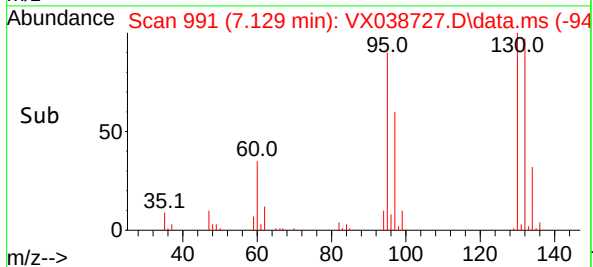
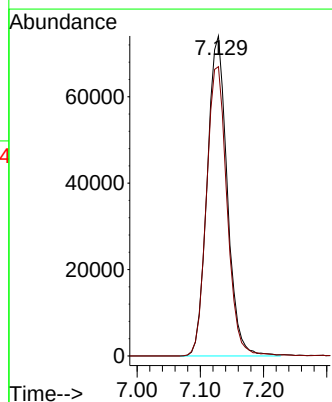
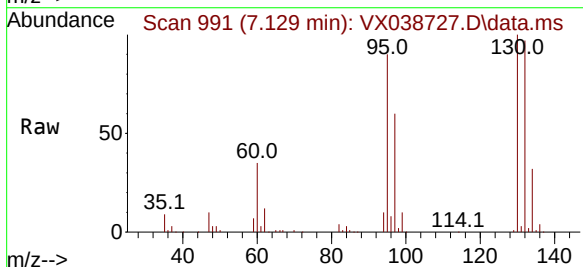
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-2-20231031DL

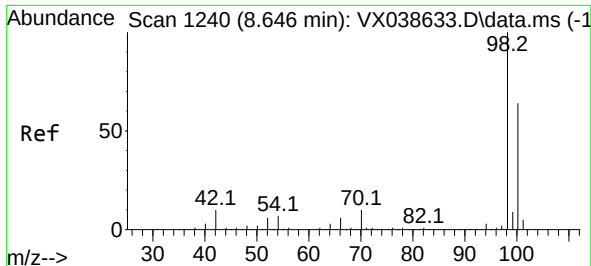
Tgt Ion:113 Resp: 144007
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 21.0 13.3 19.9#



#44
Trichloroethene
Concen: 46.556 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038727.D
Acq: 10 Nov 2023 14:38

Tgt Ion:130 Resp: 163386
Ion Ratio Lower Upper
130 100
95 90.4 0.0 204.4

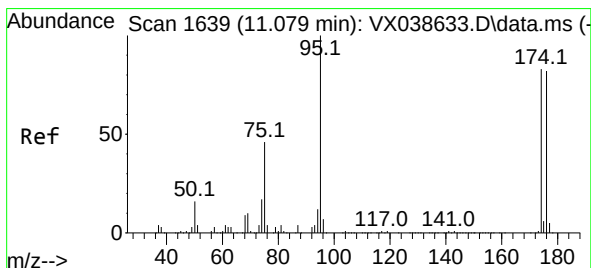
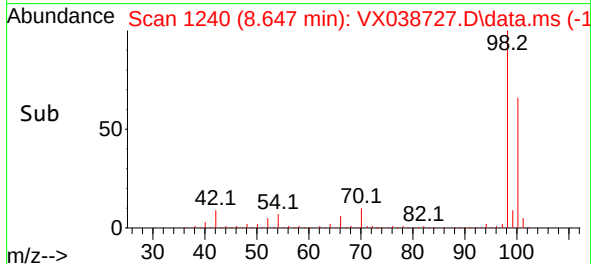
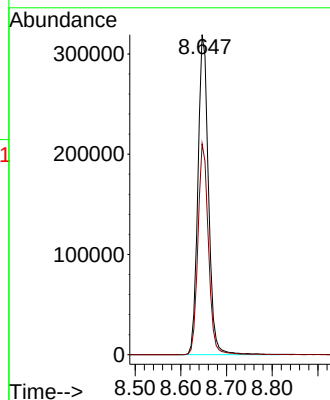
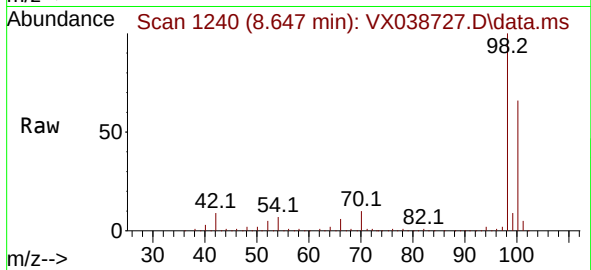




#50
Toluene-d8
Concen: 45.348 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038727.D
Acq: 10 Nov 2023 14:38

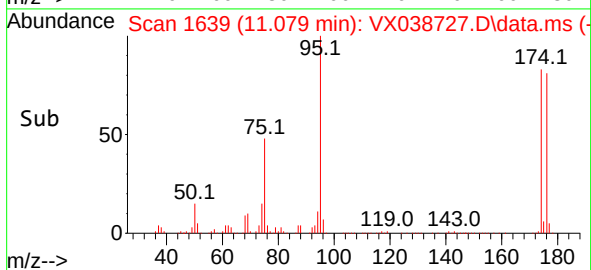
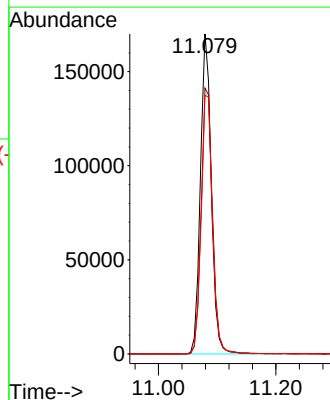
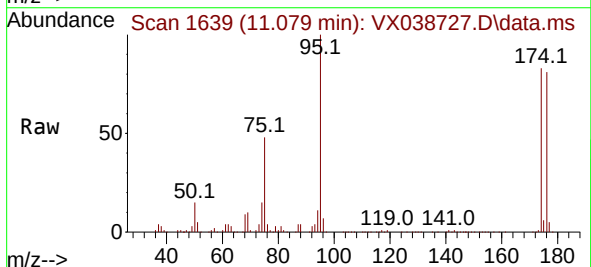
Instrument :
MSVOA_X
ClientSampleId :
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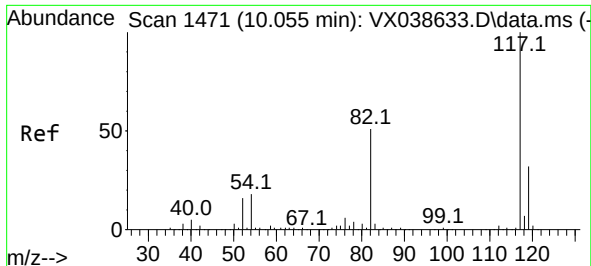
Tgt Ion: 98 Resp: 511569
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038727.D
Acq: 10 Nov 2023 14:38

Tgt Ion: 95 Resp: 218768
Ion Ratio Lower Upper
95 100
174 87.3 0.0 135.6
176 84.1 0.0 131.0

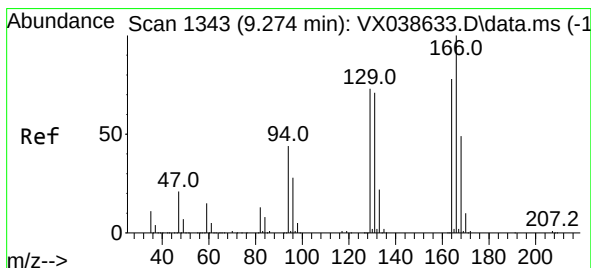
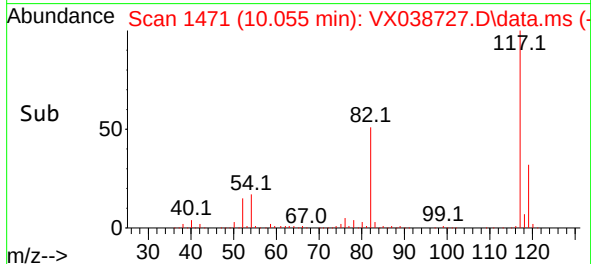
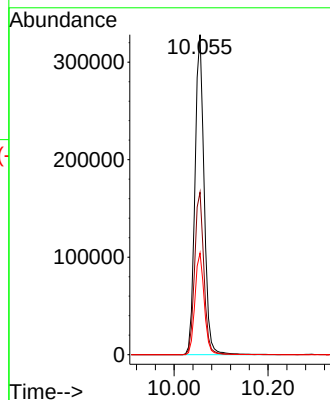
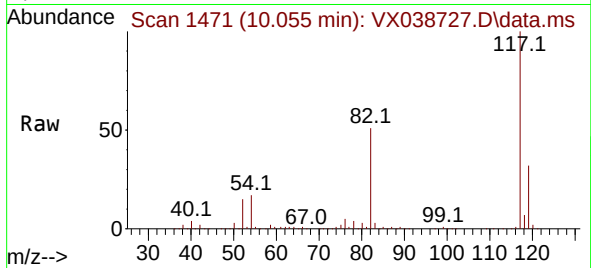




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038727.D
Acq: 10 Nov 2023 14:38

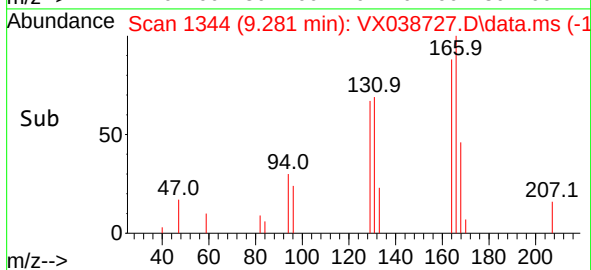
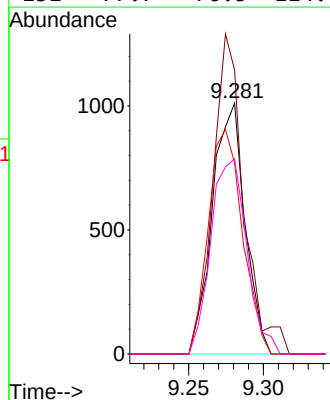
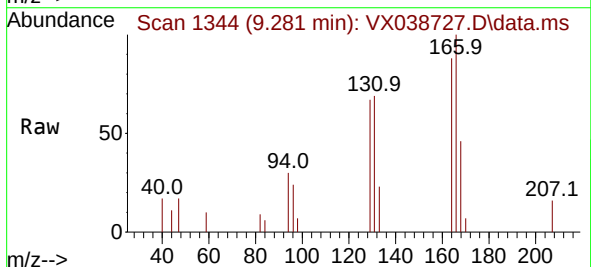
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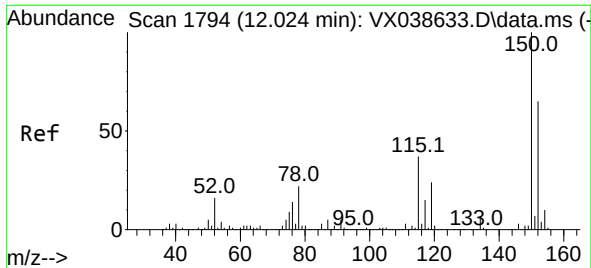
Tgt Ion:117 Resp: 448045
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.455 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX038727.D
Acq: 10 Nov 2023 14:38

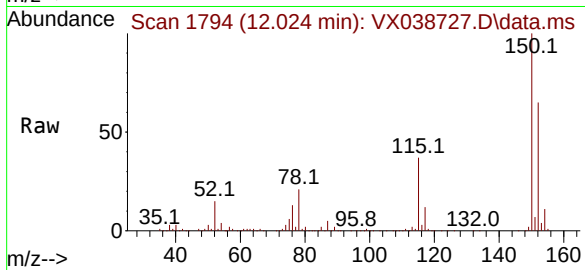
Tgt Ion:164 Resp: 1525
Ion Ratio Lower Upper
164 100
166 113.2 102.7 154.1
129 76.2 80.4 120.6#
131 77.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038727.D
 Acq: 10 Nov 2023 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-2-20231031DL



Tgt Ion:152 Resp: 253744
 Ion Ratio Lower Upper
 152 100
 115 58.5 43.3 129.9
 150 155.4 0.0 345.0

