

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043968.D
 Acq On : 22 Nov 2024 18:25
 Operator : JC/MD
 Sample : P4846-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-01D-20241113

Quant Time: Nov 22 22:28:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

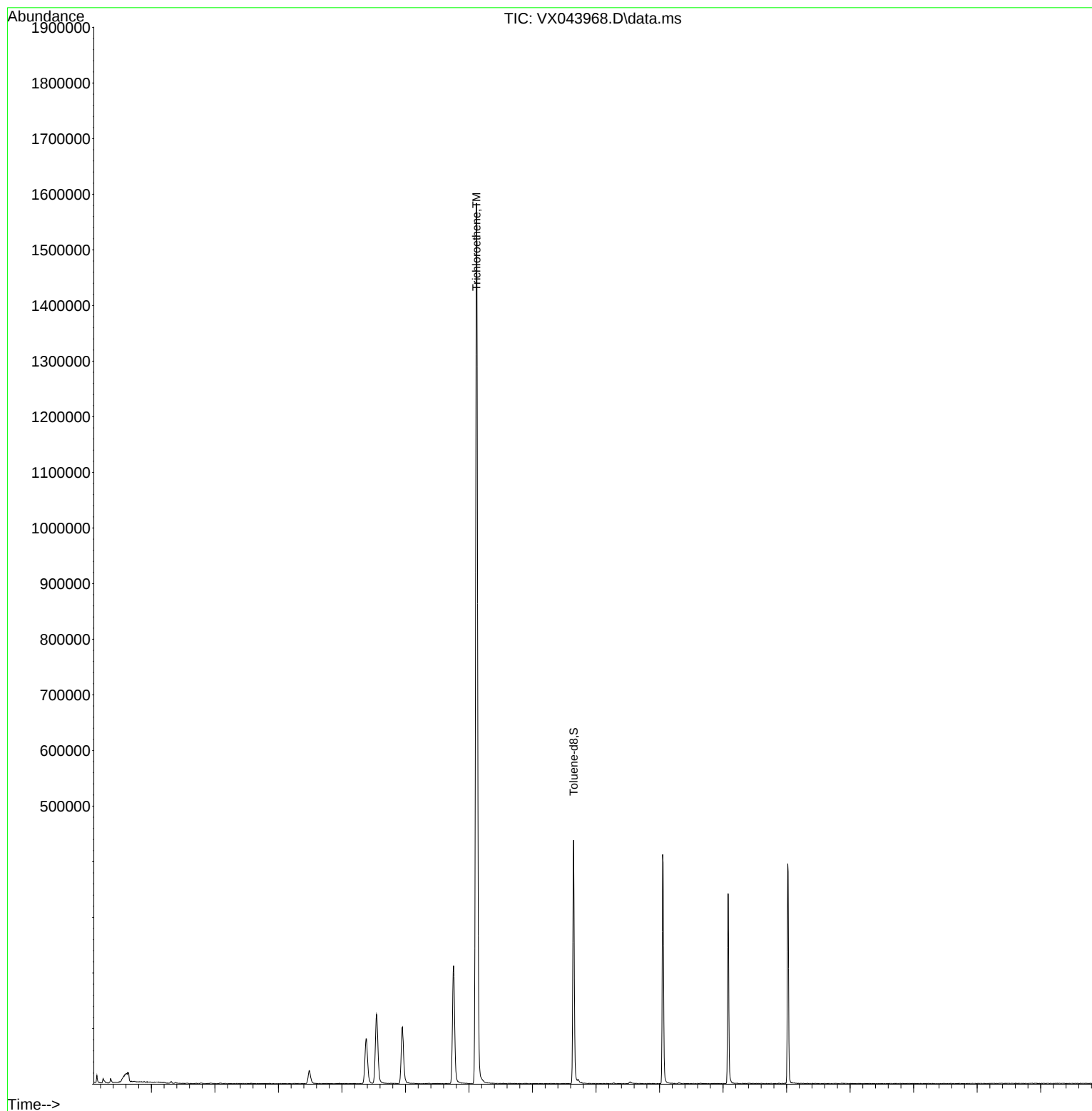
Internal Standards						
1) Pentafluorobenzene	5.544	168	108343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	185232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97377	52.402	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	104.800%	
35) Dibromofluoromethane	5.379	113	69840	45.793	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.580%	
50) Toluene-d8	8.647	98	260832	49.614	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.220%	
62) 4-Bromofluorobenzene	11.079	95	87967	49.166	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	98.340%	
Target Compounds						
12) 1,1-Dichloroethene	2.313	96	850	0.681	ug/l	89
16) Acetone	2.374	43	1472	1.725	ug/l #	85
27) cis-1,2-Dichloroethene	4.483	96	14439	9.063	ug/l	88
44) Trichloroethene	7.117	130	571405	340.966	ug/l	97
52) Toluene	8.720	92	1801	0.508	ug/l	94

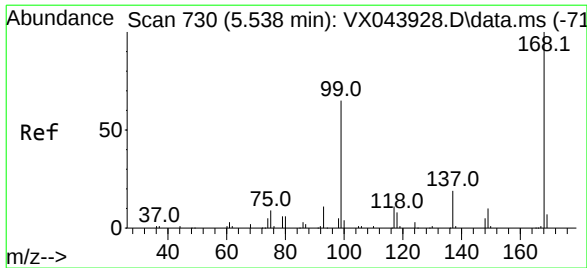
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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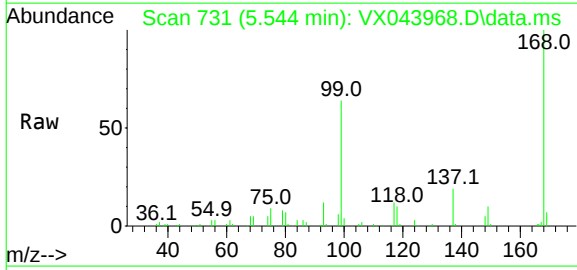
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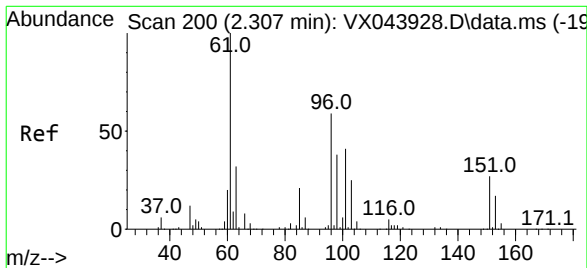
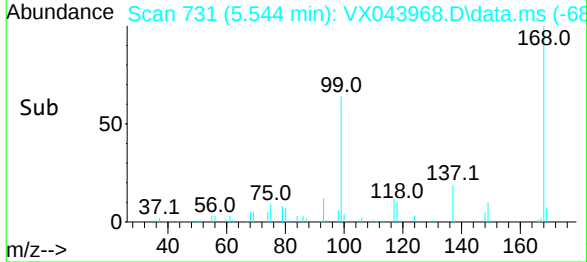
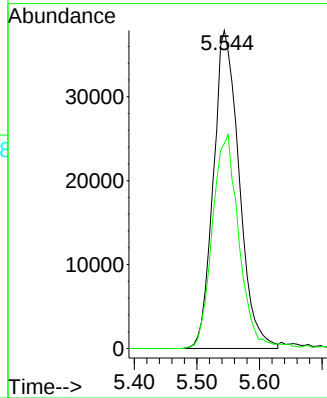


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 730
Delta R.T. 0.006 min
Lab File: VX043968.D
Acq: 22 Nov 2024 18:25

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-01D-20241113

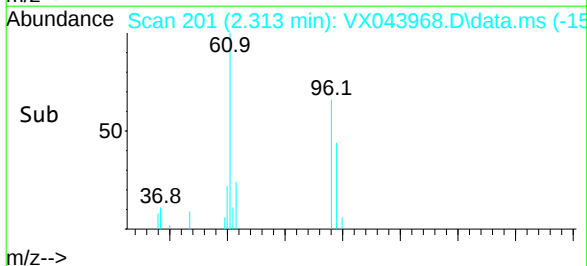
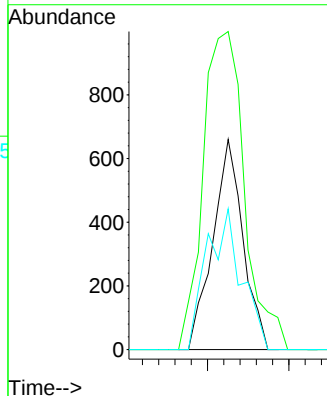
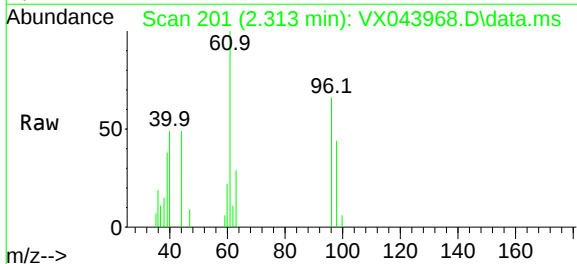


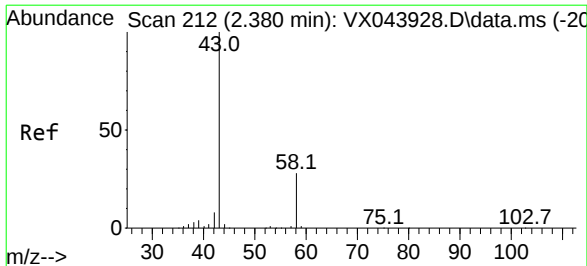
Tgt Ion:168 Resp: 108343
Ion Ratio Lower Upper
168 100
99 64.5 51.8 77.8



#12
1,1-Dichloroethene
Concen: 0.681 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043968.D
Acq: 22 Nov 2024 18:25

Tgt Ion: 96 Resp: 850
Ion Ratio Lower Upper
96 100
61 151.4 135.5 203.3
98 67.0 50.8 76.2





#16

Acetone

Concen: 1.725 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX043968.D

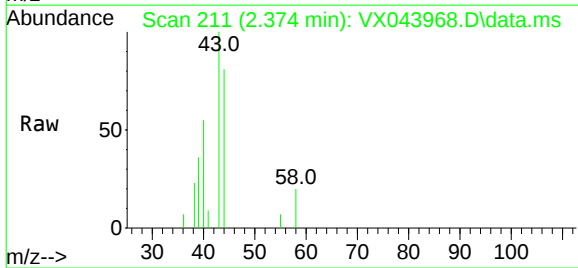
Acq: 22 Nov 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

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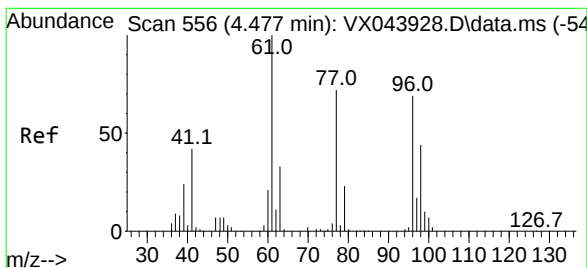
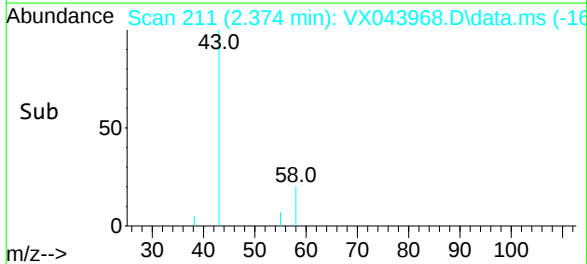
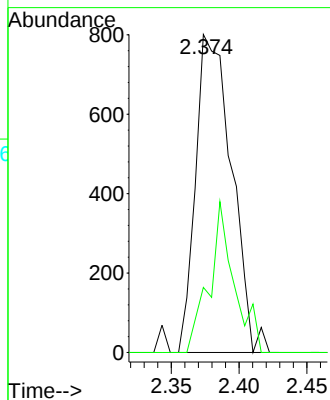


Tgt Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

58 20.5 22.7 34.1#



#27

cis-1,2-Dichloroethene

Concen: 9.063 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043968.D

Acq: 22 Nov 2024 18:25

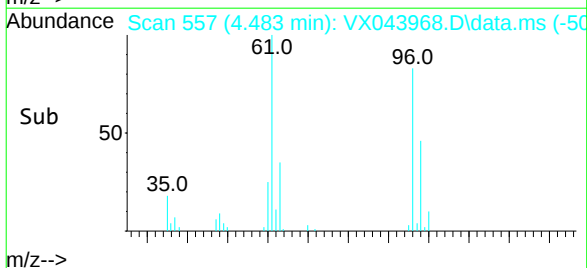
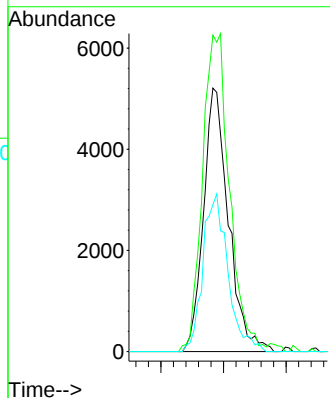
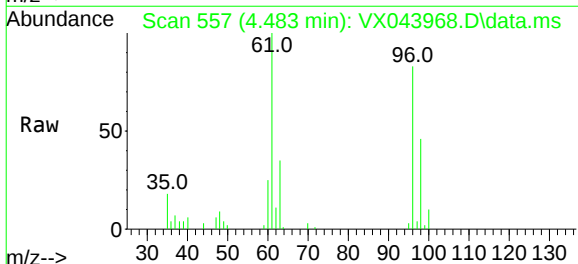
Tgt Ion: 96 Resp: 14439

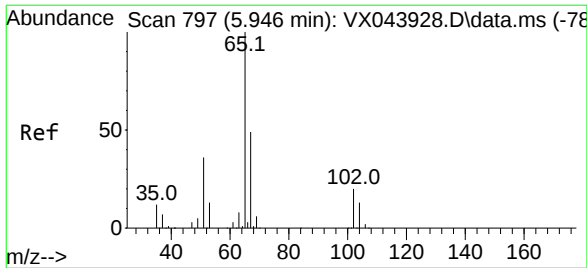
Ion Ratio Lower Upper

96 100

61 130.0 0.0 297.4

98 59.8 0.0 127.8

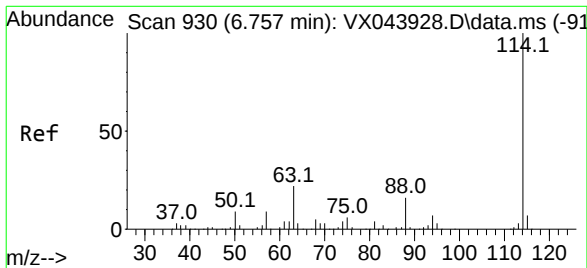
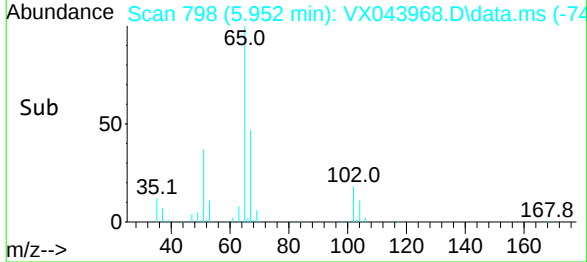
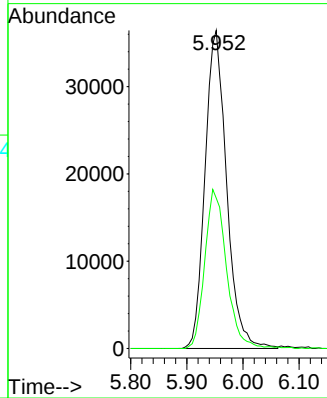
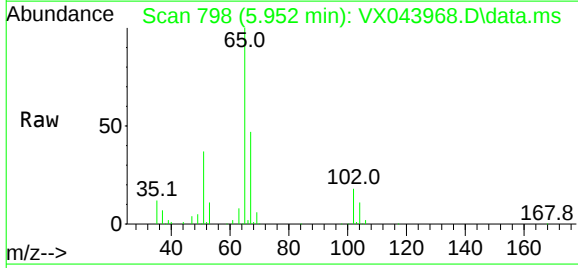




#33
1,2-Dichloroethane-d4
Concen: 52.402 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX043968.D
Acq: 22 Nov 2024 18:25

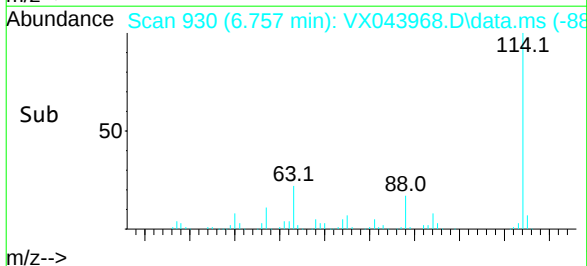
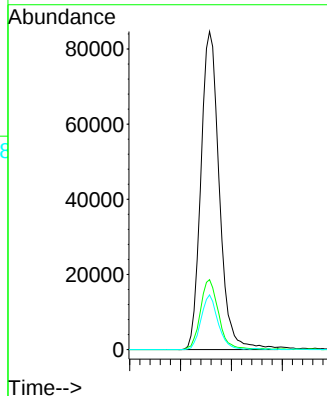
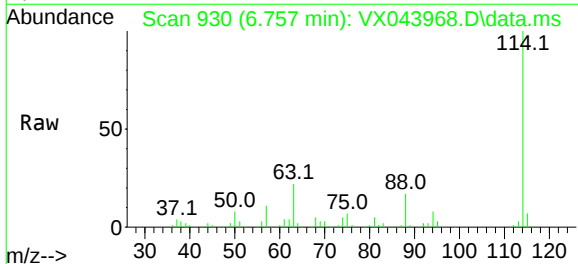
Instrument :
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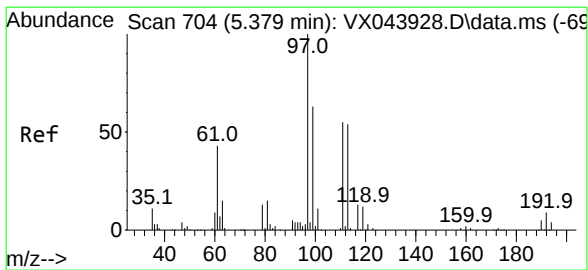
Tgt Ion: 65 Resp: 97377
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043968.D
Acq: 22 Nov 2024 18:25

Tgt Ion: 114 Resp: 213438
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 17.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.793 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043968.D

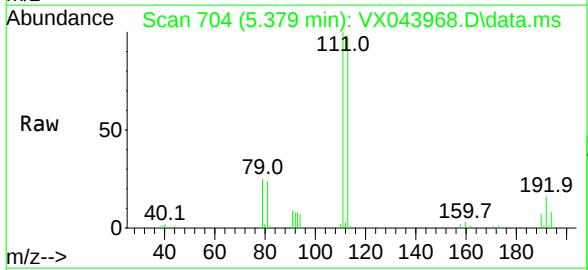
Acq: 22 Nov 2024 18:25

Instrument :

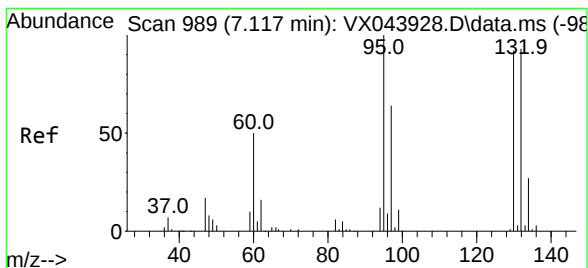
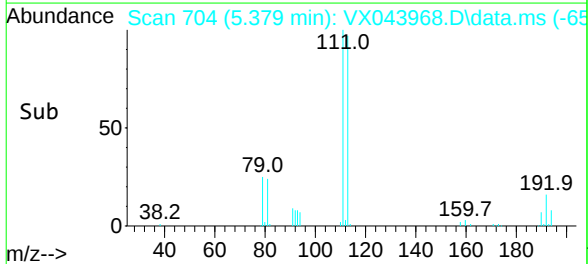
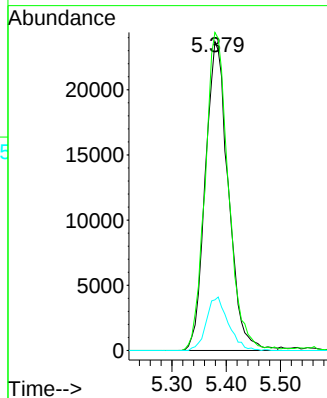
MSVOA_X

ClientSampleId :

FSND-MW-EVAL-01D-20241113



Tgt Ion:	113	Resp:	69840
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.0	121.4
192	16.5	13.0	19.6



#44

Trichloroethene

Concen: 340.966 ug/l

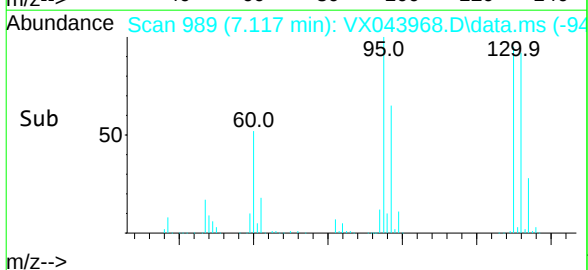
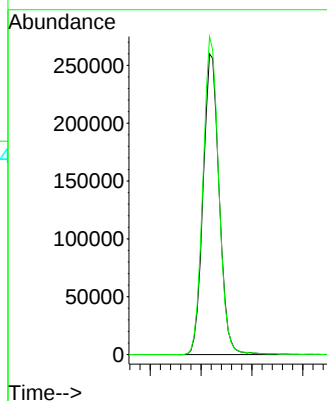
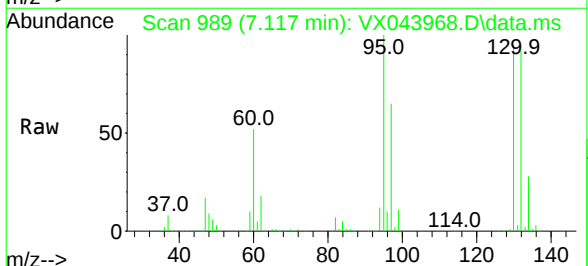
RT: 7.117 min Scan# 989

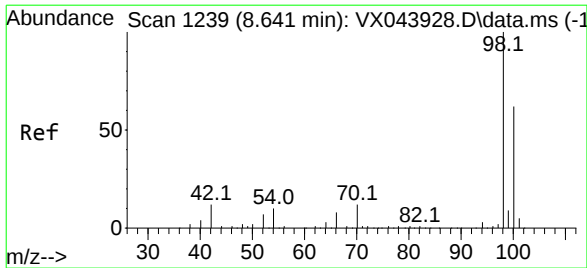
Delta R.T. -0.000 min

Lab File: VX043968.D

Acq: 22 Nov 2024 18:25

Tgt Ion:	130	Resp:	571405
Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	217.8





#50

Toluene-d8

Concen: 49.614 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX043968.D

Acq: 22 Nov 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

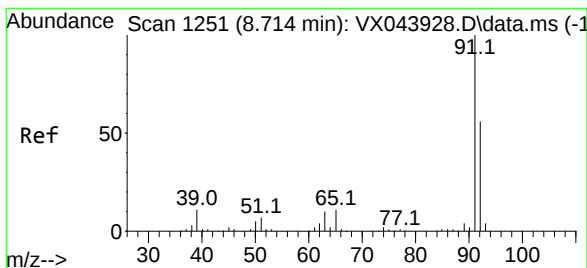
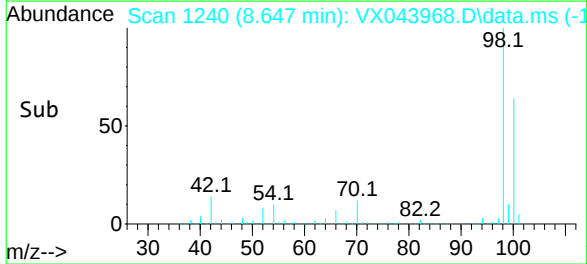
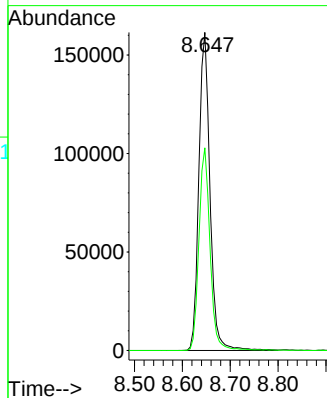
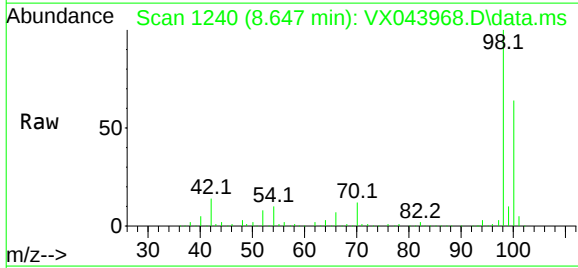
FSND-MW-EVAL-01D-20241113

Tgt Ion: 98 Resp: 260832

Ion Ratio Lower Upper

98 100

100 63.6 52.6 79.0



#52

Toluene

Concen: 0.508 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043968.D

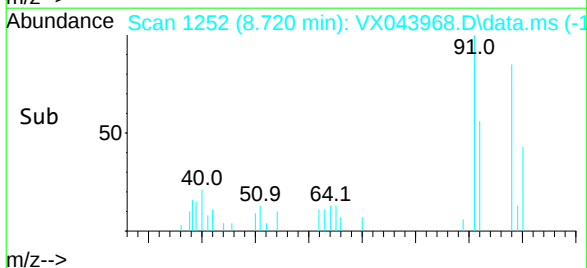
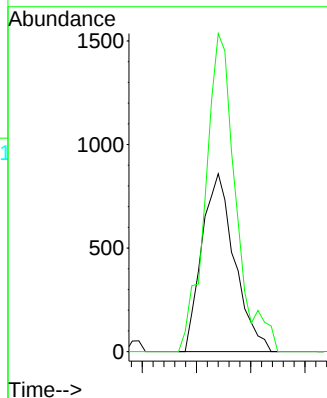
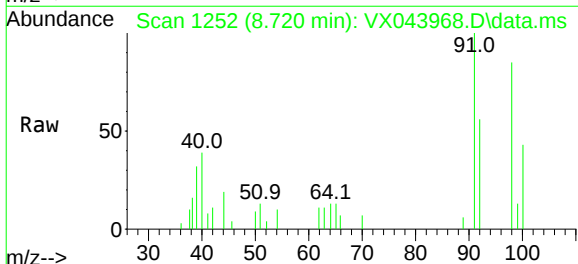
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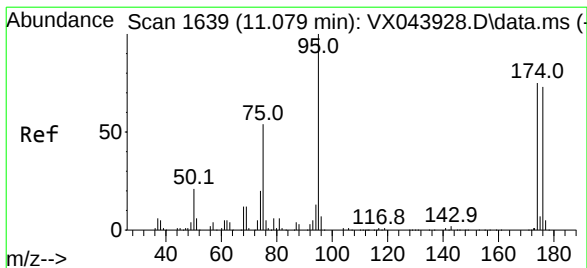
Tgt Ion: 92 Resp: 1801

Ion Ratio Lower Upper

92 100

91 165.9 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 49.166 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043968.D

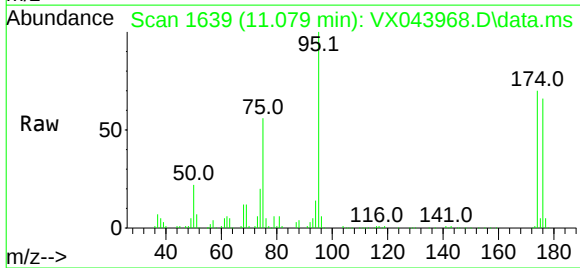
Acq: 22 Nov 2024 18:25

Instrument :

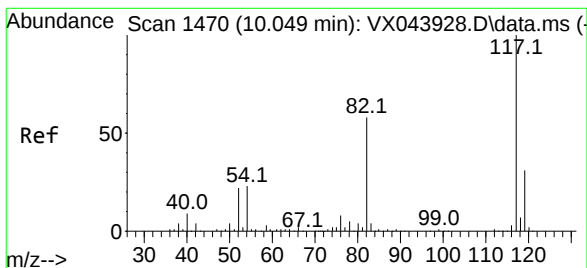
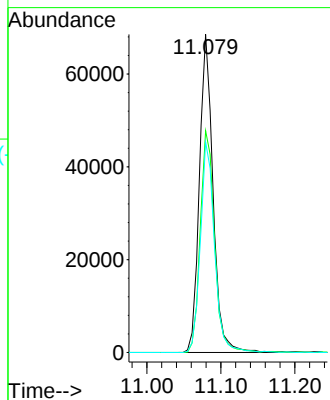
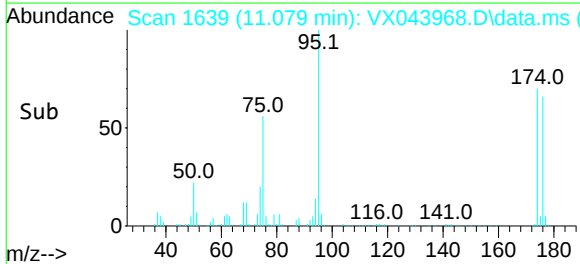
MSVOA_X

ClientSampleId :

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Tgt Ion:	95	Resp:	87967
Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	150.4
176	68.2	0.0	146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

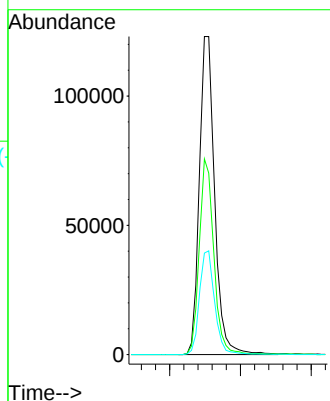
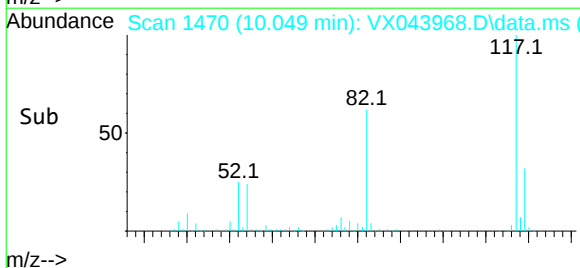
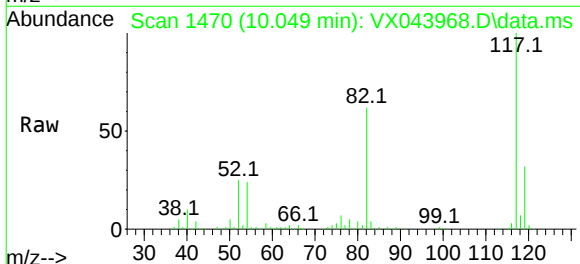
RT: 10.049 min Scan# 1470

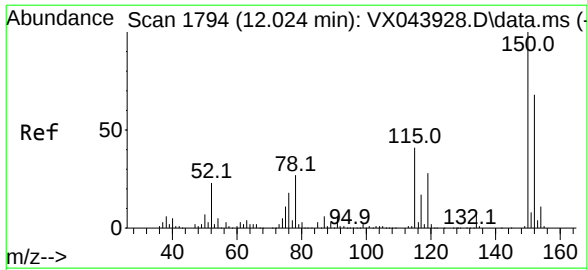
Delta R.T. -0.000 min

Lab File: VX043968.D

Acq: 22 Nov 2024 18:25

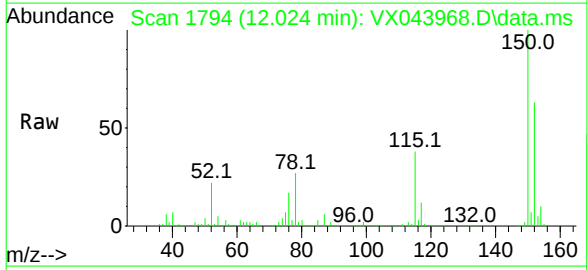
Tgt Ion:	117	Resp:	185232
Ion	Ratio	Lower	Upper
117	100		
82	61.5	46.4	69.6
119	31.9	24.6	37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VX043968.D
 Acq: 22 Nov 2024 18:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-01D-20241113



Tgt Ion:152 Resp: 77833
 Ion Ratio Lower Upper
 152 100
 115 64.4 45.4 136.2
 150 158.6 0.0 353.0

