

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036371.D
 Acq On : 29 Jun 2023 12:26
 Operator : JC/MD
 Sample : 03451-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 30 01:29:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

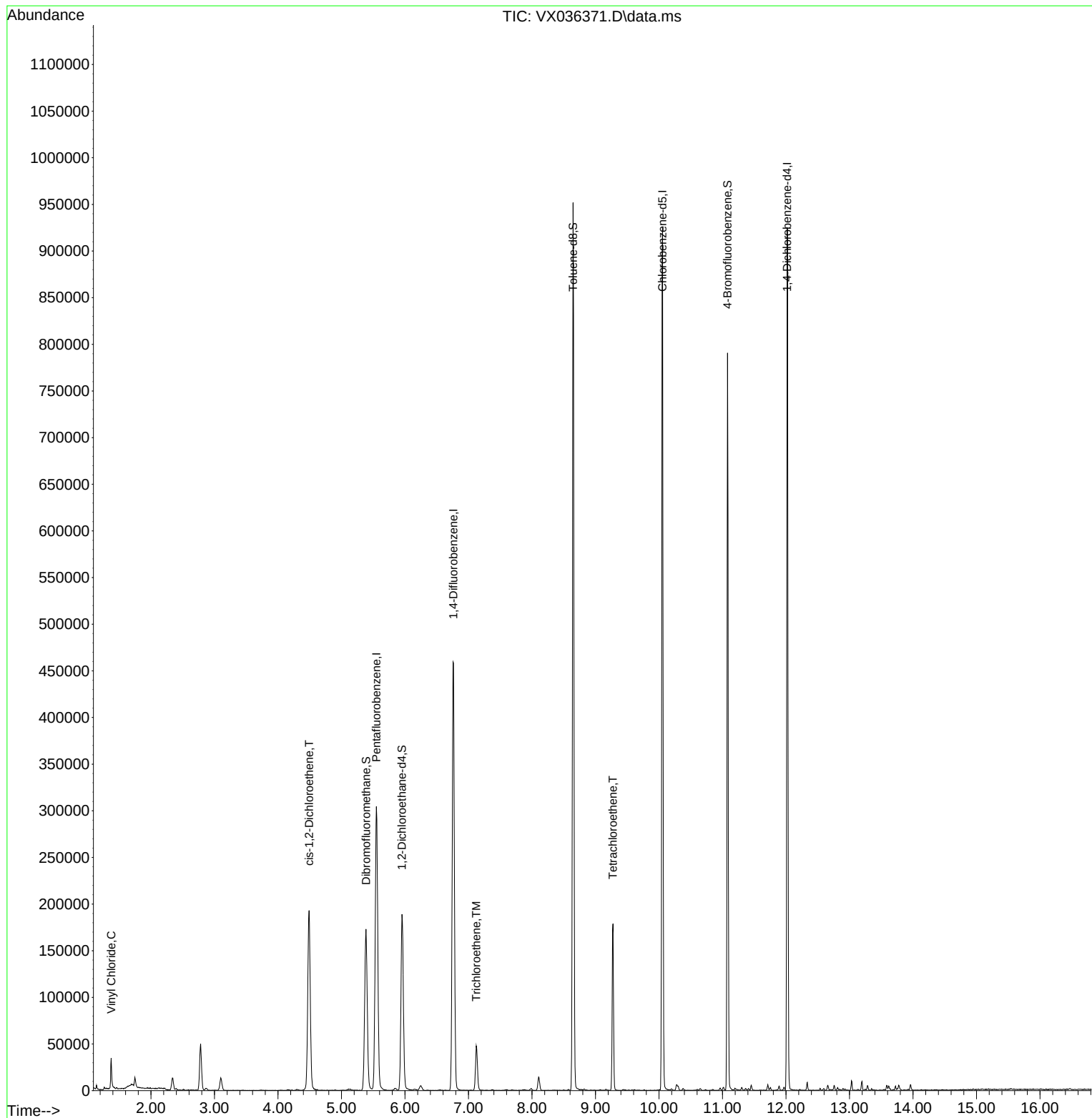
Internal Standards						
1) Pentafluorobenzene	5.550	168	287519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	475917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	188557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179037	43.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.880%
35) Dibromofluoromethane	5.385	113	148016	47.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	8.647	98	558911	47.686	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	199513	48.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.660%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	17228	3.337	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	118200	30.227	ug/l	83
44) Trichloroethene	7.123	130	18073	4.973	ug/l	92
64) Tetrachloroethene	9.275	164	32192	11.001	ug/l	97

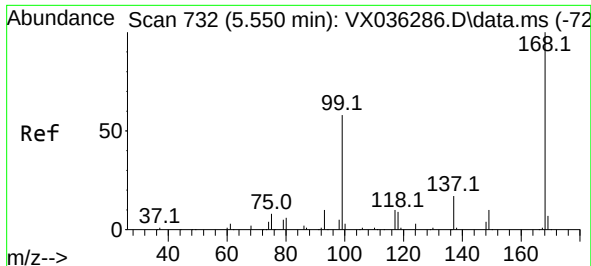
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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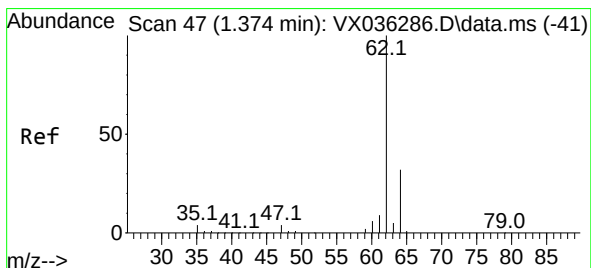
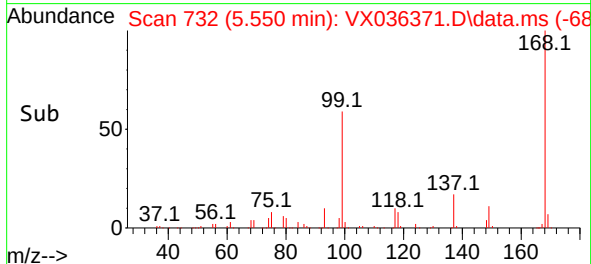
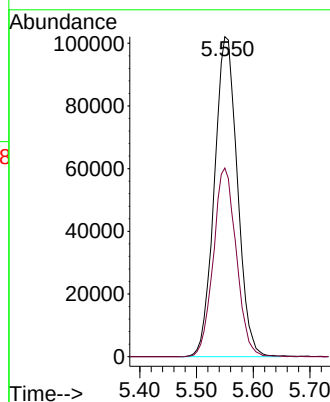
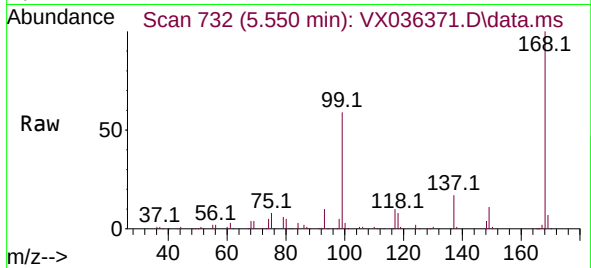




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036371.D
Acq: 29 Jun 2023 12:26

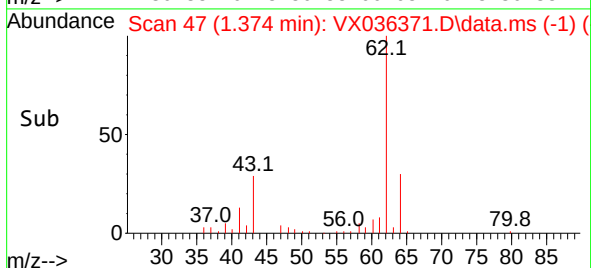
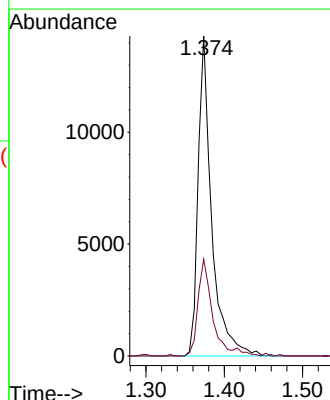
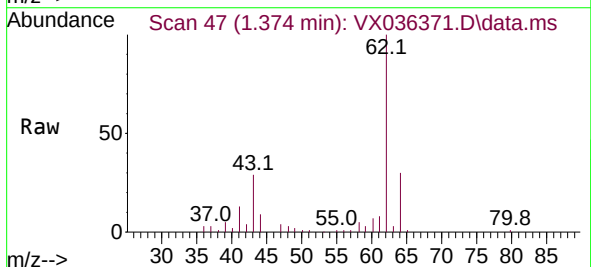
Instrument :
MSVOA_X
ClientSampleId :
MW-1

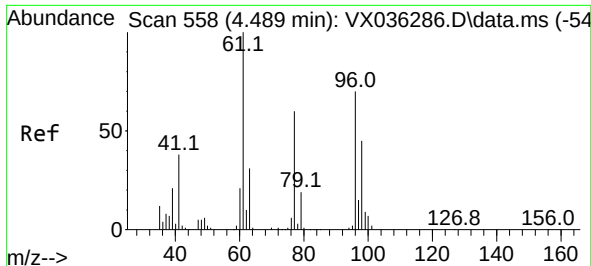
Tgt Ion:168 Resp: 287519
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#4
Vinyl Chloride
Concen: 3.337 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036371.D
Acq: 29 Jun 2023 12:26

Tgt Ion: 62 Resp: 17228
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.0





#27

cis-1,2-Dichloroethene

Concen: 30.227 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036371.D

Acq: 29 Jun 2023 12:26

Instrument :

MSVOA_X

ClientSampleId :

MW-1

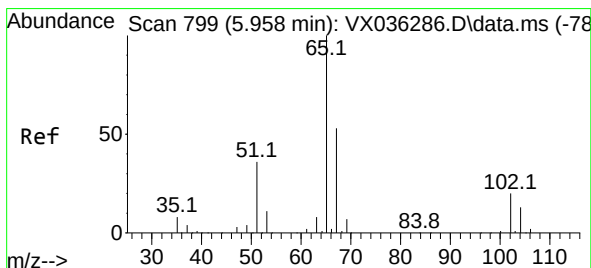
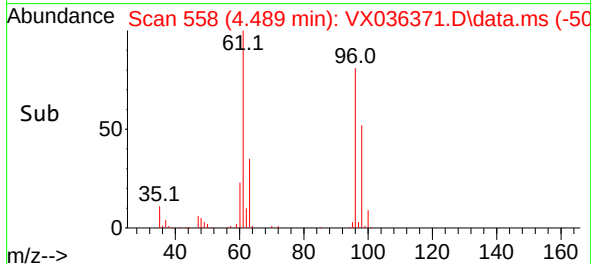
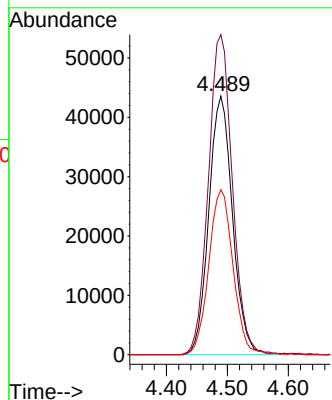
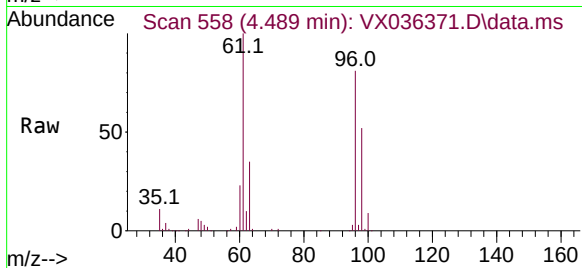
Tgt Ion: 96 Resp: 118200

Ion Ratio Lower Upper

96 100

61 125.4 0.0 312.2

98 65.0 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 43.441 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX036371.D

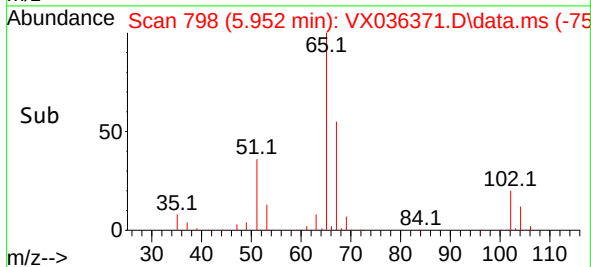
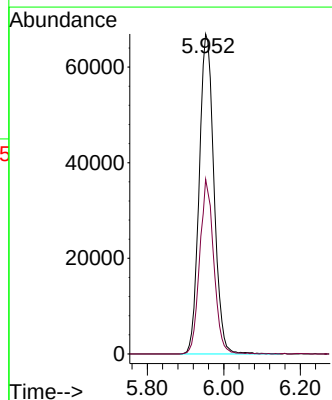
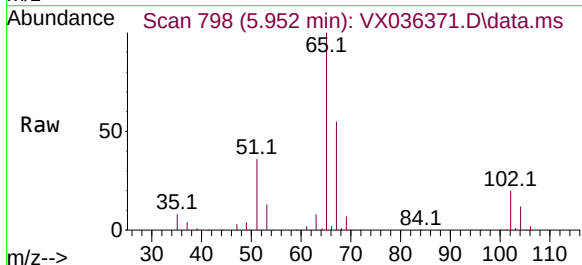
Acq: 29 Jun 2023 12:26

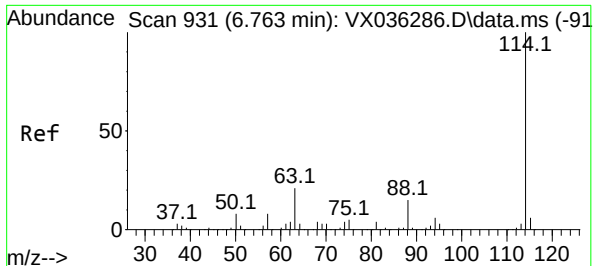
Tgt Ion: 65 Resp: 179037

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2

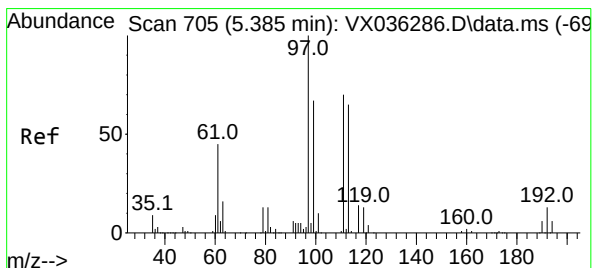
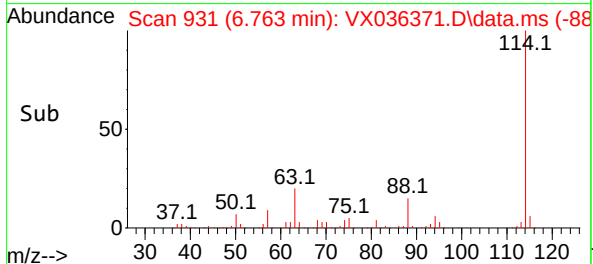
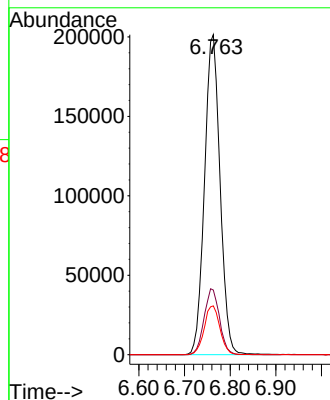
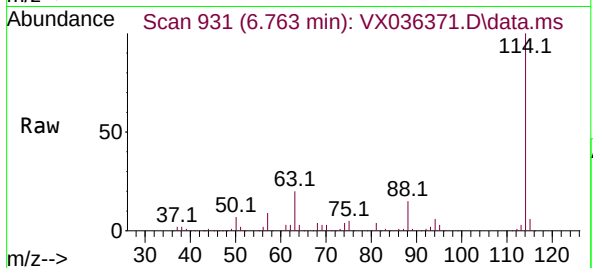




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036371.D
Acq: 29 Jun 2023 12:26

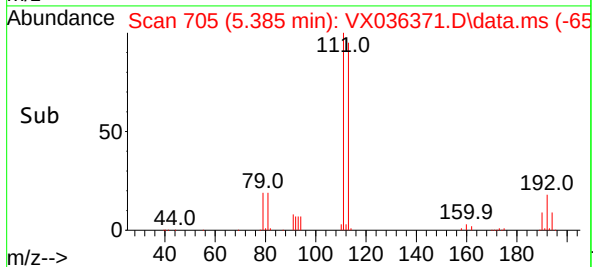
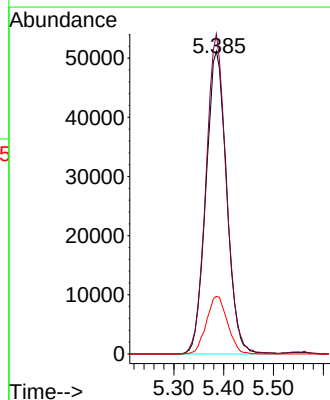
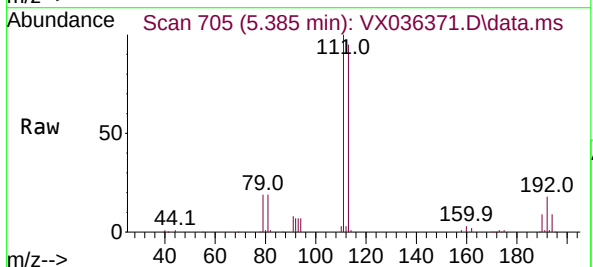
Instrument :
MSVOA_X
ClientSampleId :
MW-1

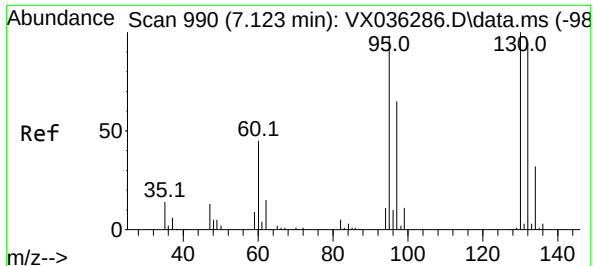
Tgt Ion:114 Resp: 475917
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.168 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036371.D
Acq: 29 Jun 2023 12:26

Tgt Ion:113 Resp: 148016
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 19.3 13.3 19.9

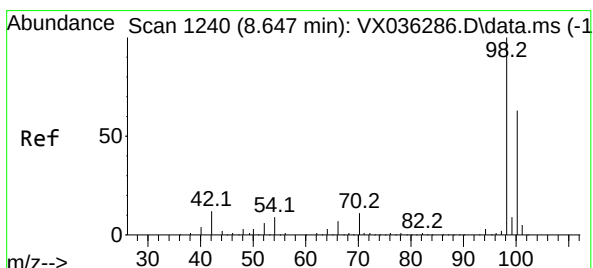
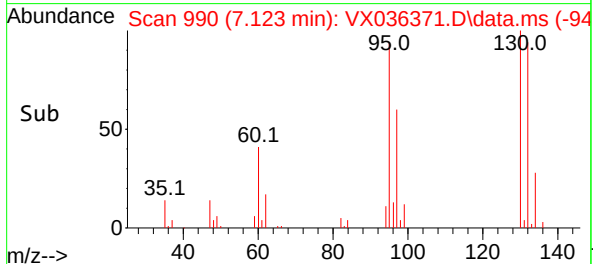
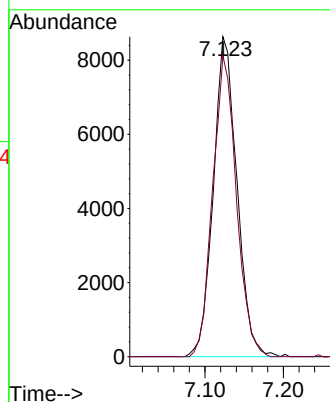
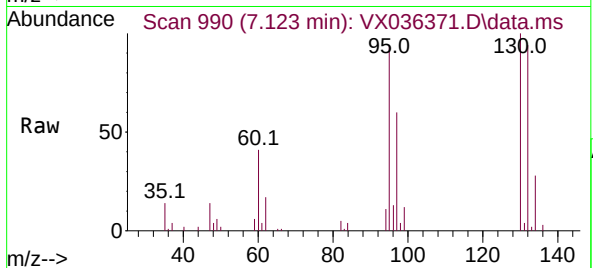




#44
 Trichloroethene
 Concen: 4.973 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.001 min
 Lab File: VX036371.D
 Acq: 29 Jun 2023 12:26

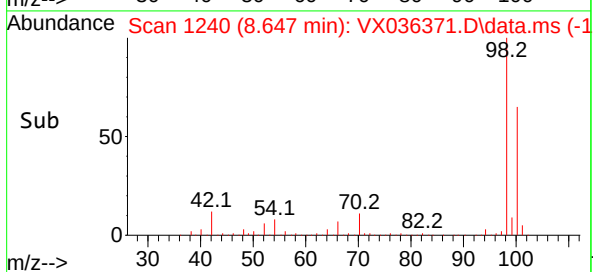
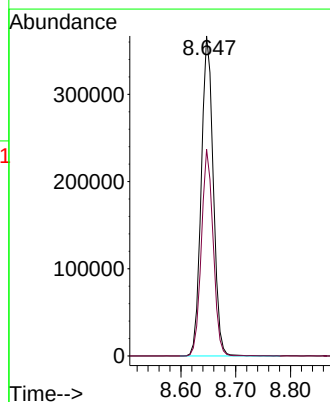
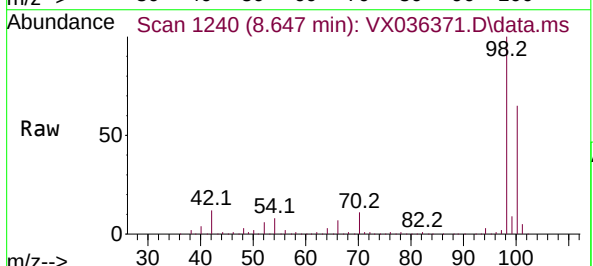
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

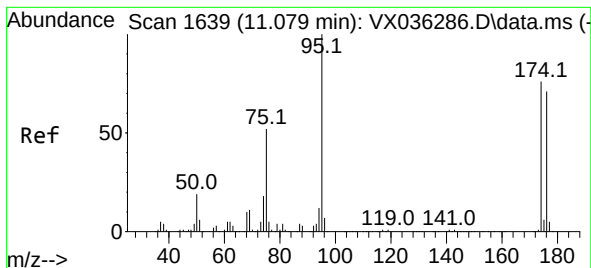
Tgt Ion:130 Resp: 18073
 Ion Ratio Lower Upper
 130 100
 95 94.0 0.0 204.4



#50
 Toluene-d8
 Concen: 47.686 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.001 min
 Lab File: VX036371.D
 Acq: 29 Jun 2023 12:26

Tgt Ion: 98 Resp: 558911
 Ion Ratio Lower Upper
 98 100
 100 63.5 53.1 79.7

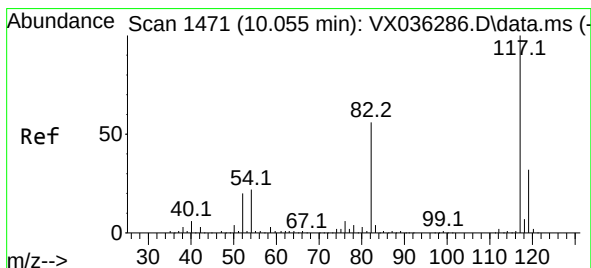
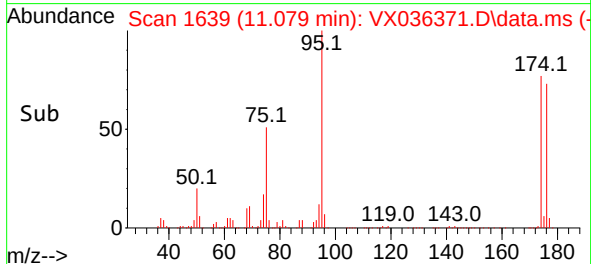
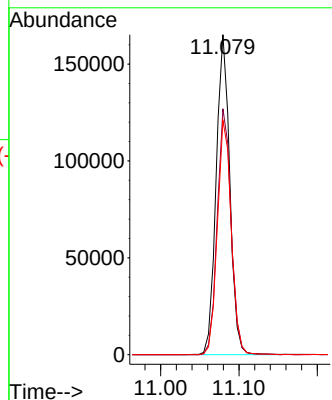
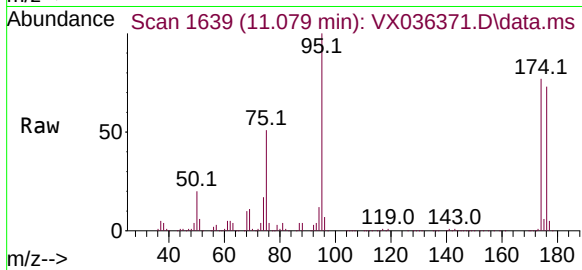




#62
4-Bromofluorobenzene
Concen: 48.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036371.D
Acq: 29 Jun 2023 12:26

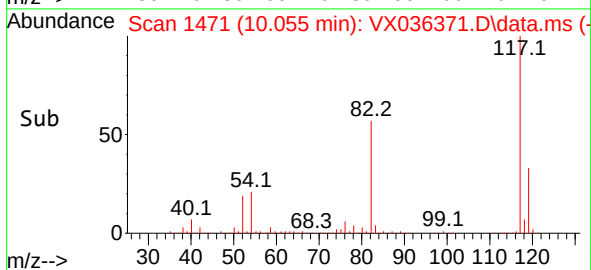
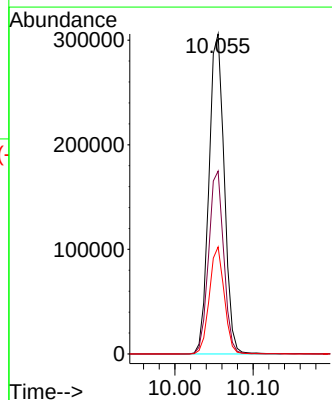
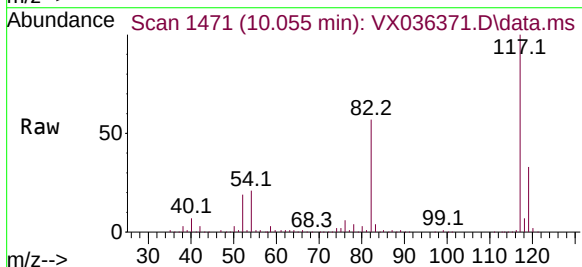
Instrument :
MSVOA_X
ClientSampleId :
MW-1

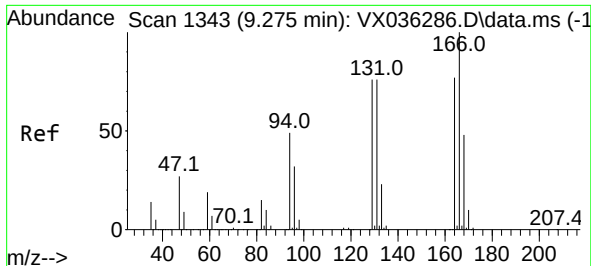
Tgt Ion: 95 Resp: 199513
Ion Ratio Lower Upper
95 100
174 78.0 0.0 135.6
176 74.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036371.D
Acq: 29 Jun 2023 12:26

Tgt Ion: 117 Resp: 414438
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 33.4 25.5 38.3

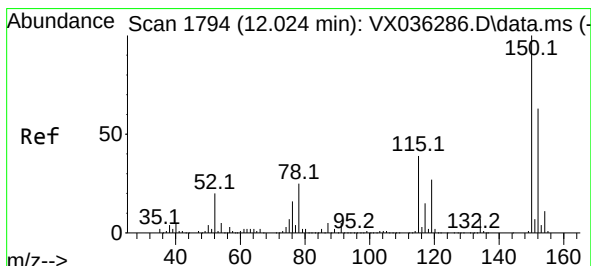
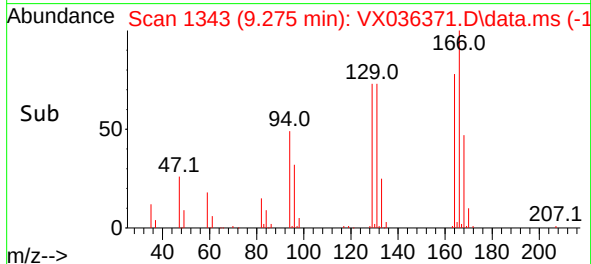
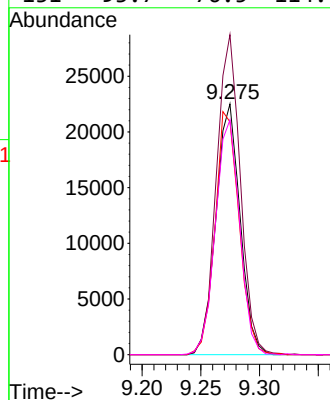
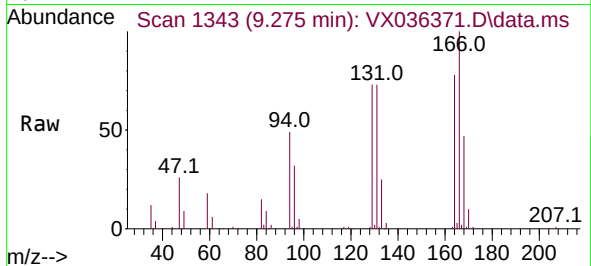




#64
Tetrachloroethene
Concen: 11.001 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036371.D
Acq: 29 Jun 2023 12:26

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 32192
Ion Ratio Lower Upper
164 100
166 127.6 102.7 154.1
129 92.9 80.4 120.6
131 93.7 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036371.D
Acq: 29 Jun 2023 12:26

Tgt Ion:152 Resp: 188557
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 157.4 0.0 345.0

