

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032790.D
 Acq On : 14 Nov 2022 13:31
 Operator : JC/MD
 Sample : N5558-07 25X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20221109

Quant Time: Nov 15 05:07:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

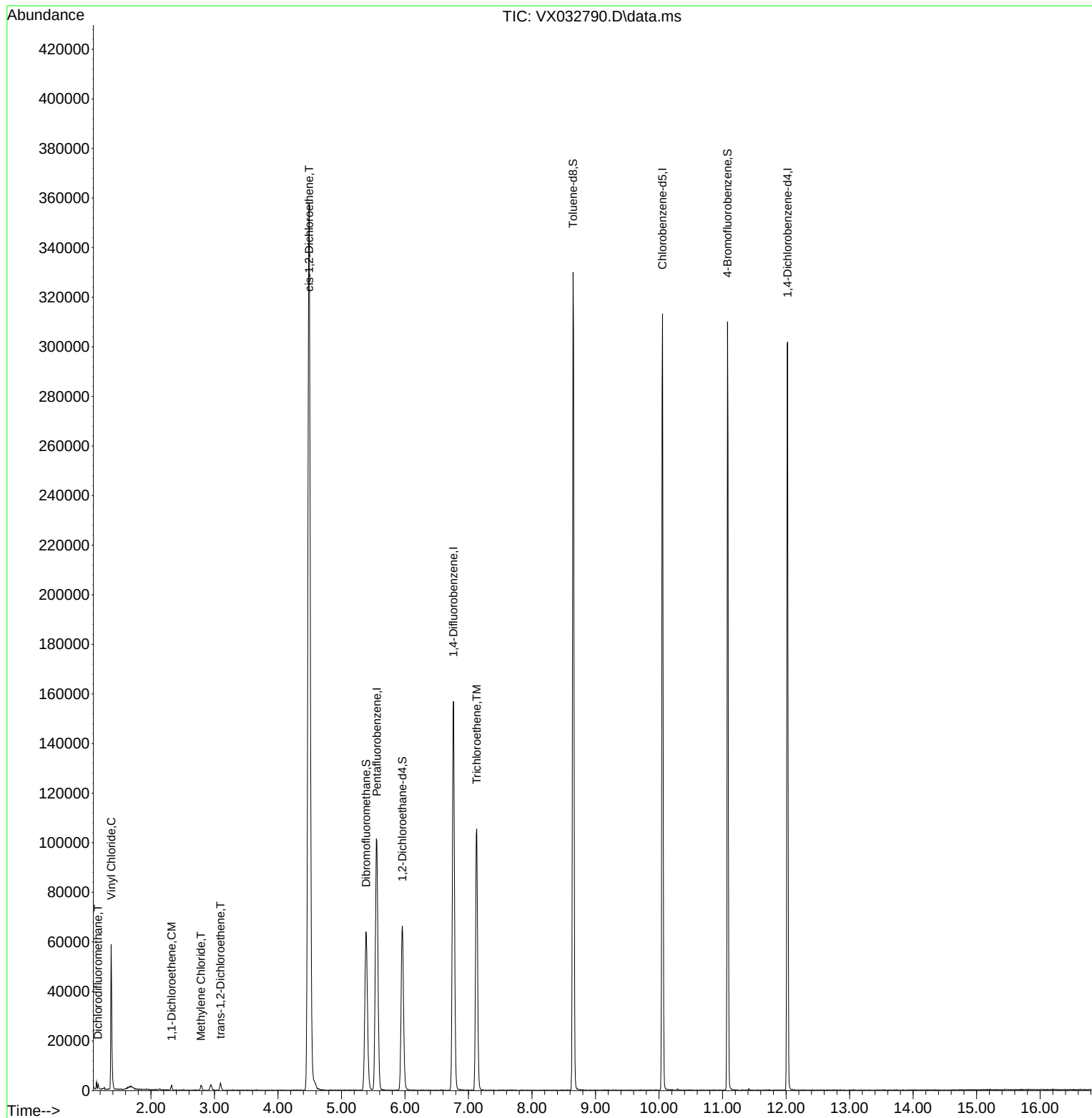
Internal Standards						
1) Pentafluorobenzene	5.556	168	97777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66161	48.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.400%
35) Dibromofluoromethane	5.385	113	53733	47.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.647	98	194167	49.183	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	73172	47.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1465	1.299	ug/l	91
4) Vinyl Chloride	1.374	62	38626	36.801	ug/l	98
12) 1,1-Dichloroethene	2.325	96	601	0.613	ug/l #	88
20) Methylene Chloride	2.788	84	1005	0.888	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	1005	0.942	ug/l	88
27) cis-1,2-Dichloroethene	4.489	96	227300	184.236	ug/l	89
44) Trichloroethene	7.129	130	40759	32.362	ug/l	99

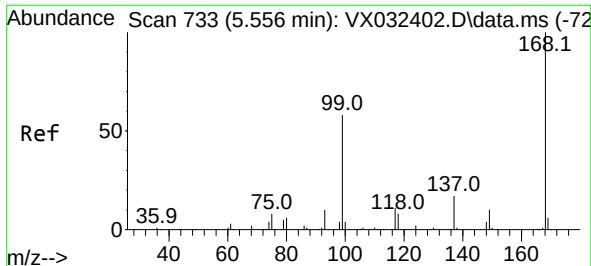
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

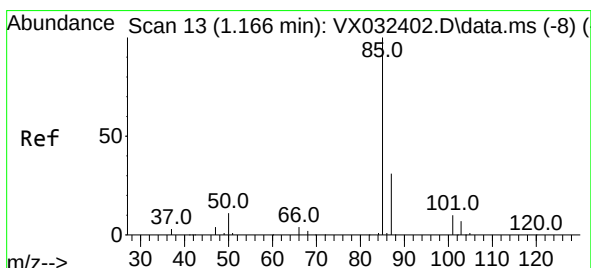
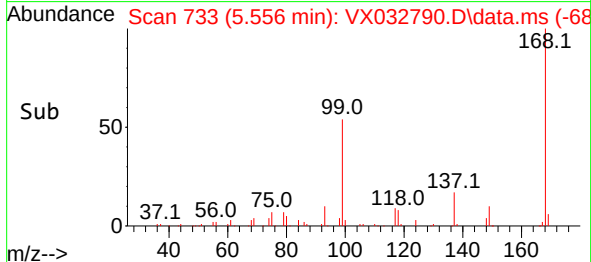
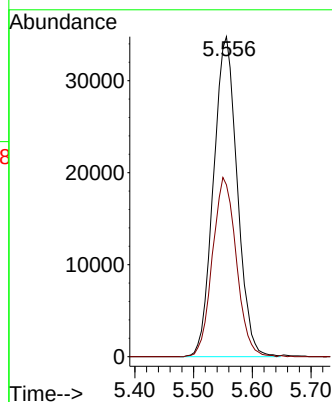
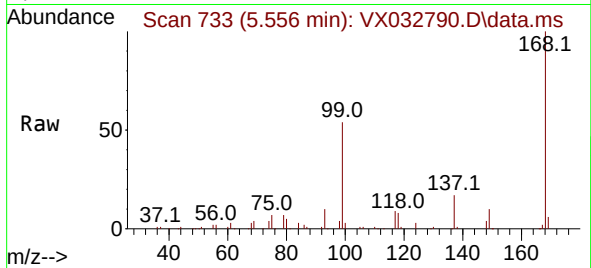




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

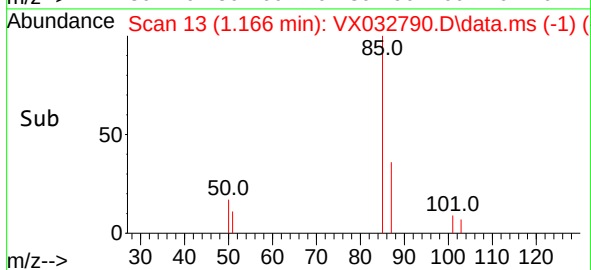
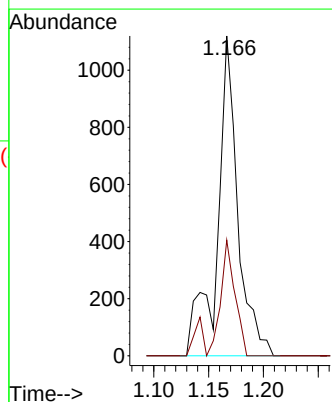
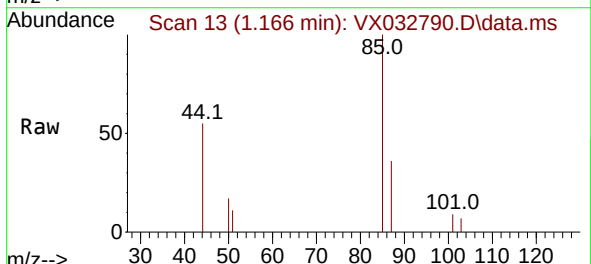
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

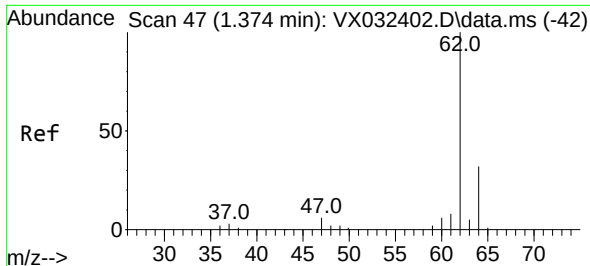
Tgt Ion:168 Resp: 97777
Ion Ratio Lower Upper
168 100
99 53.7 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 1.299 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 85 Resp: 1465
Ion Ratio Lower Upper
85 100
87 36.2 15.6 46.7

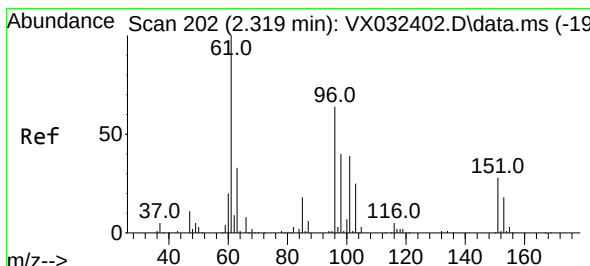
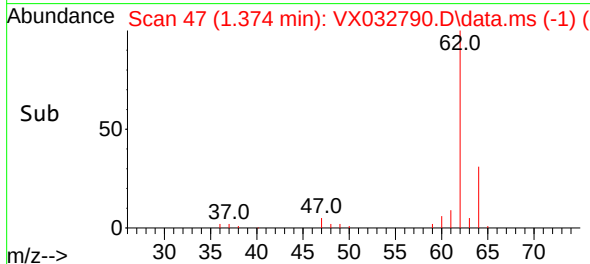
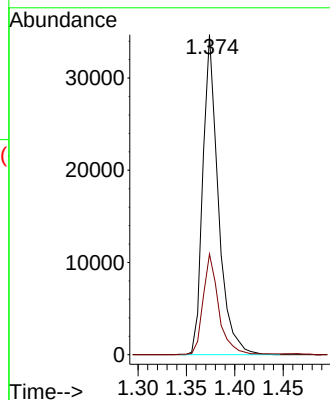
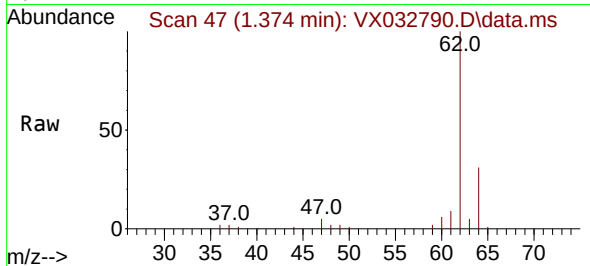




#4
 Vinyl Chloride
 Concen: 36.801 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032790.D
 Acq: 14 Nov 2022 13:31

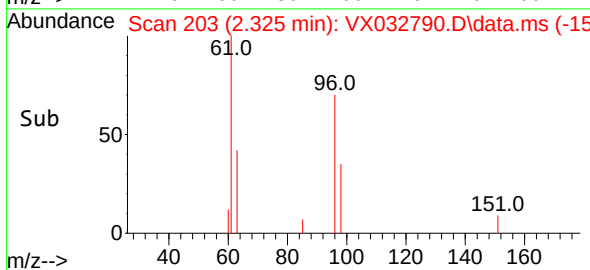
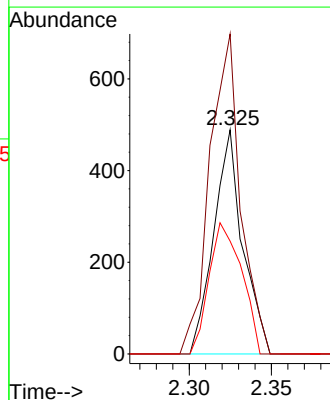
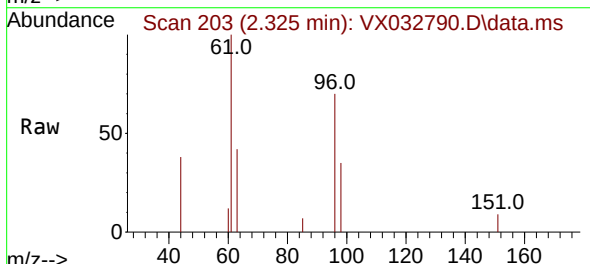
Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20221109

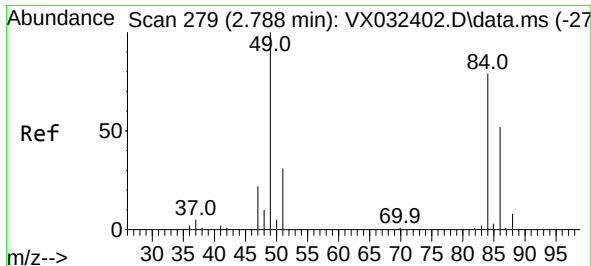
Tgt Ion: 62 Resp: 38626
 Ion Ratio Lower Upper
 62 100
 64 31.3 25.8 38.6



#12
 1,1-Dichloroethene
 Concen: 0.613 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX032790.D
 Acq: 14 Nov 2022 13:31

Tgt Ion: 96 Resp: 601
 Ion Ratio Lower Upper
 96 100
 61 142.7 125.1 187.7
 98 50.3 50.6 76.0#

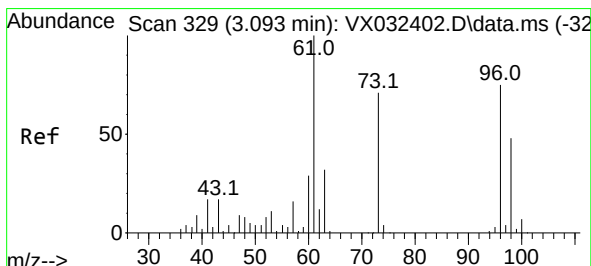
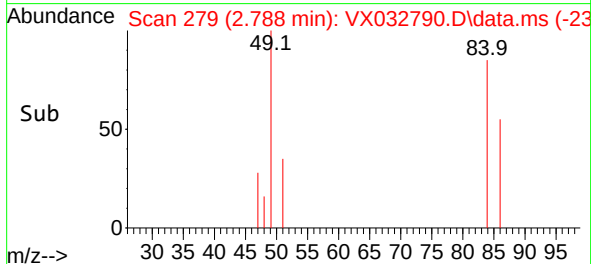
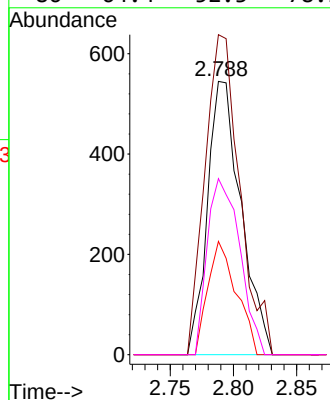
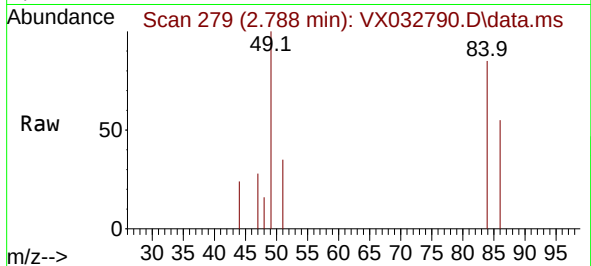




#20
Methylene Chloride
Concen: 0.888 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

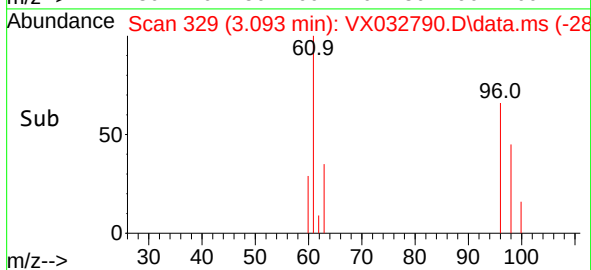
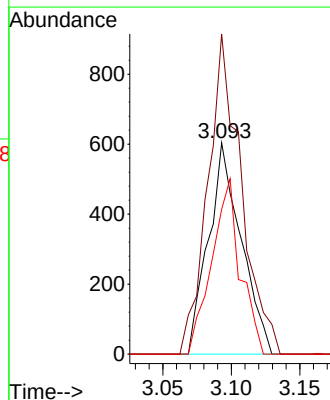
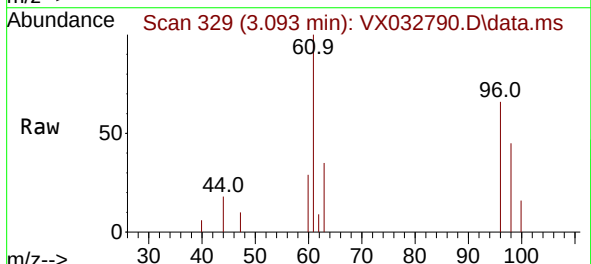
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

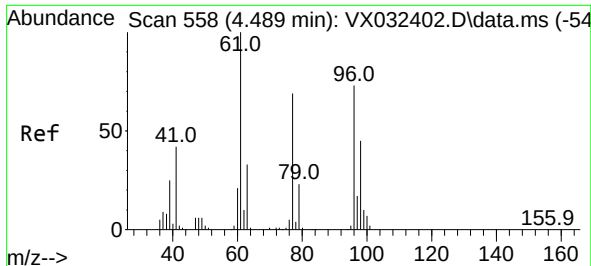
Tgt Ion:	84	Resp:	1005
Ion	Ratio	Lower	Upper
84	100		
49	117.1	101.0	151.6
51	41.5	31.1	46.7
86	64.4	52.3	78.5



#21
trans-1,2-Dichloroethene
Concen: 0.942 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion:	96	Resp:	1005
Ion	Ratio	Lower	Upper
96	100		
61	151.5	106.6	160.0
98	68.5	51.0	76.6





#27

cis-1,2-Dichloroethene

Concen: 184.236 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032790.D

Acq: 14 Nov 2022 13:31

Instrument :

MSVOA_X

ClientSampleId :

20BR-20221109

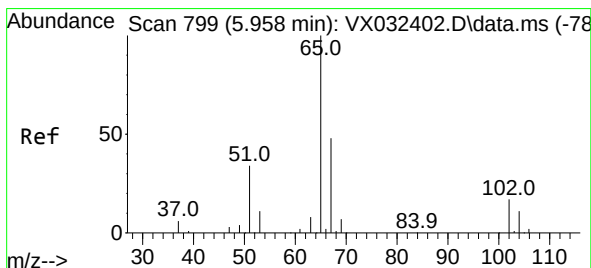
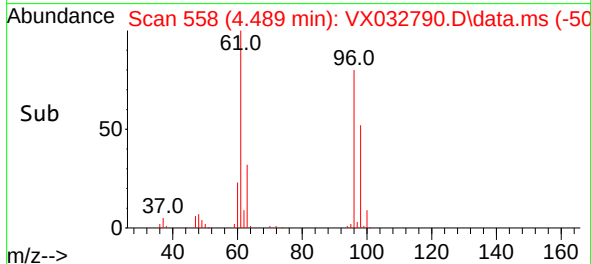
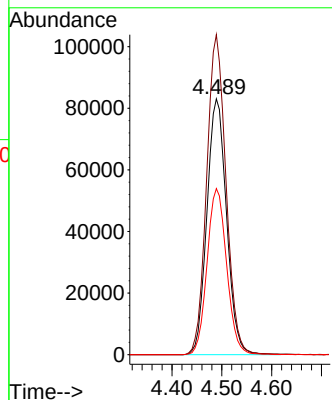
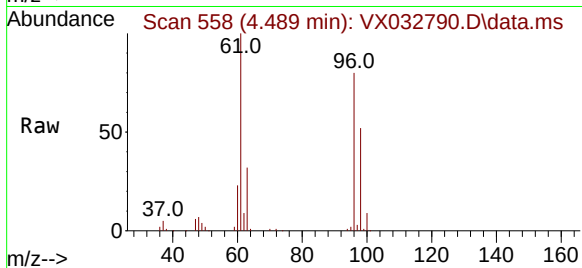
Tgt Ion: 96 Resp: 227300

Ion Ratio Lower Upper

96 100

61 123.2 0.0 286.0

98 64.7 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 48.698 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032790.D

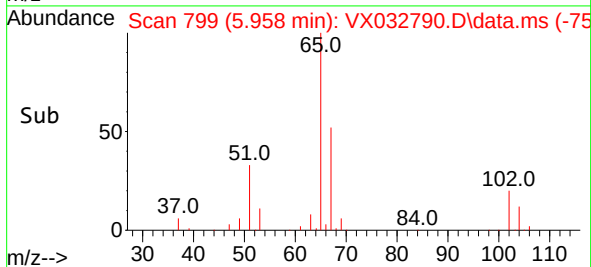
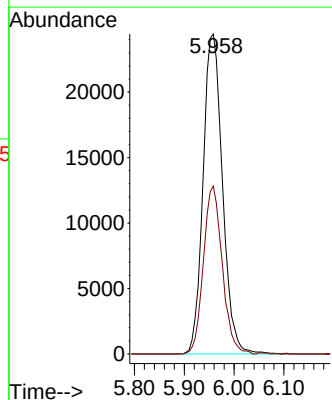
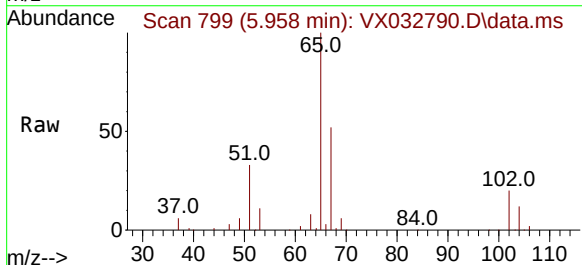
Acq: 14 Nov 2022 13:31

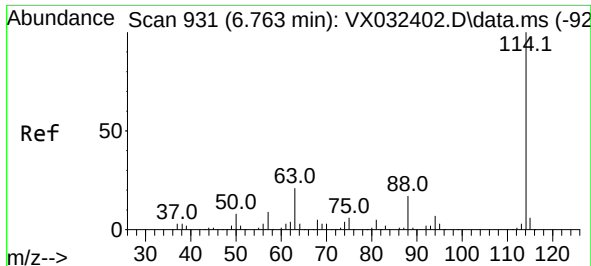
Tgt Ion: 65 Resp: 66161

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8

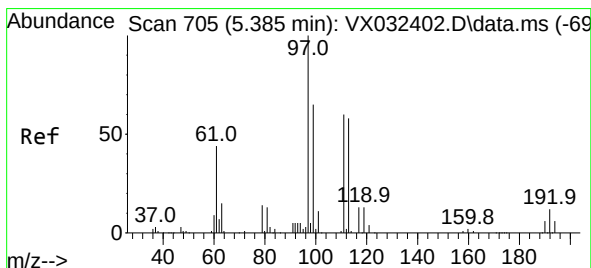
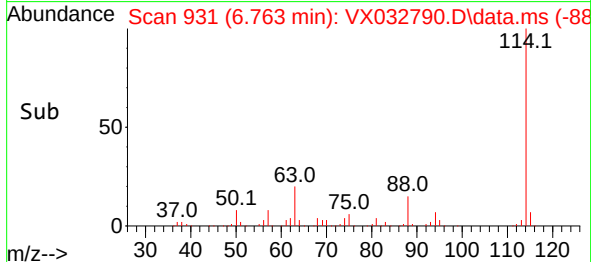
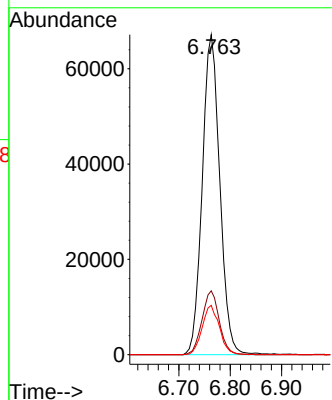
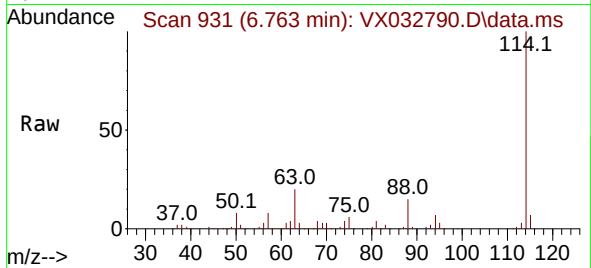




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

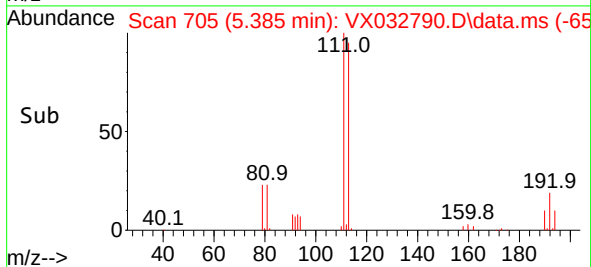
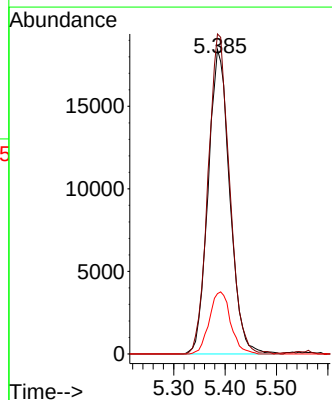
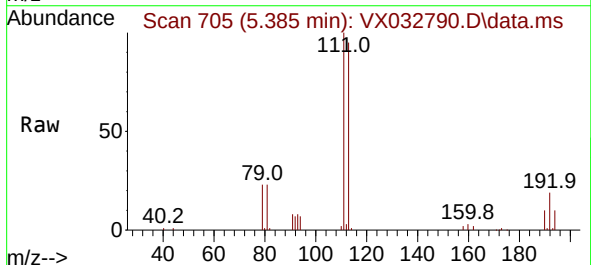
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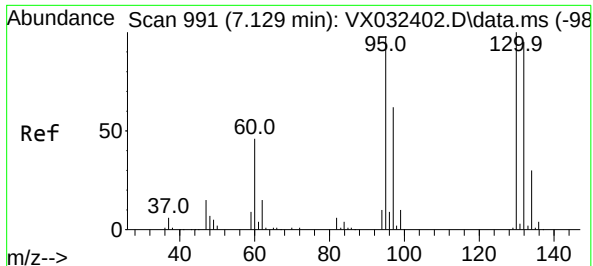
Tgt Ion:114 Resp: 159165
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.328 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion:113 Resp: 53733
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 20.1 15.4 23.2

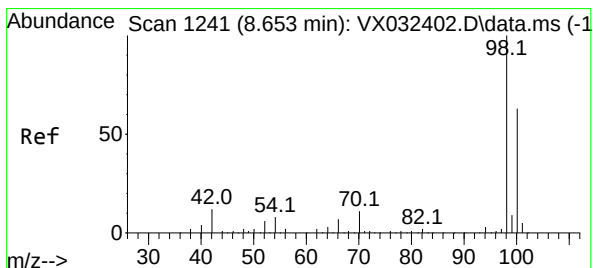
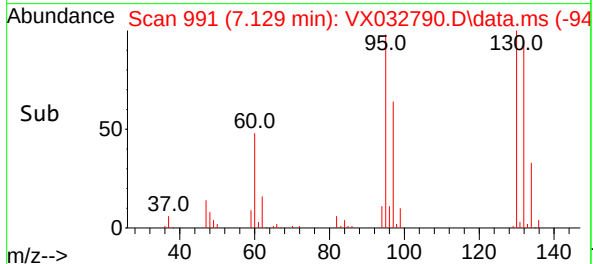
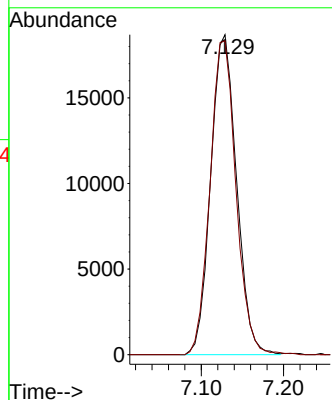
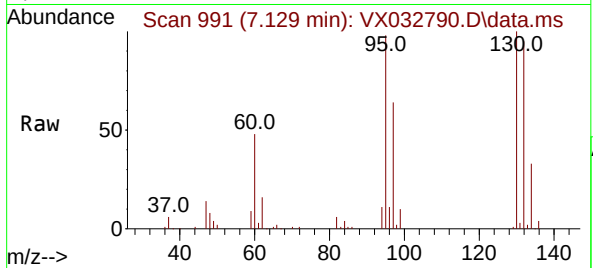




#44
Trichloroethene
Concen: 32.362 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

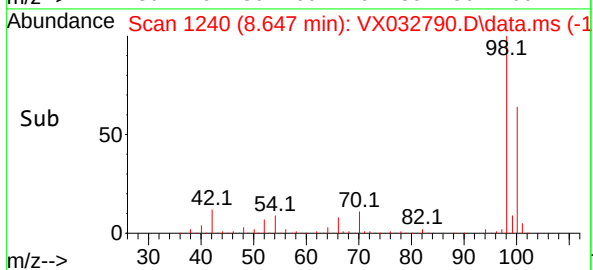
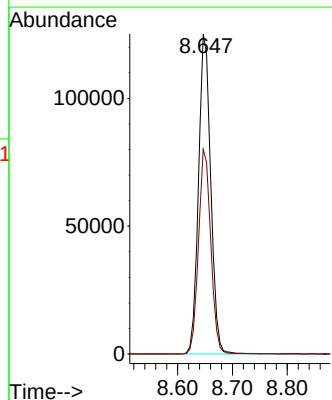
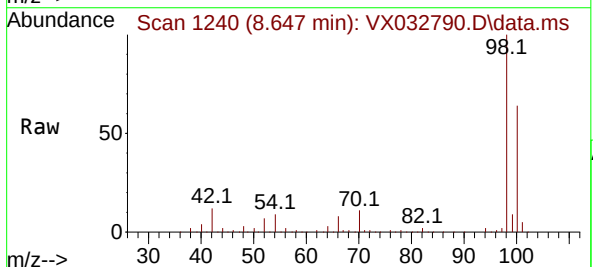
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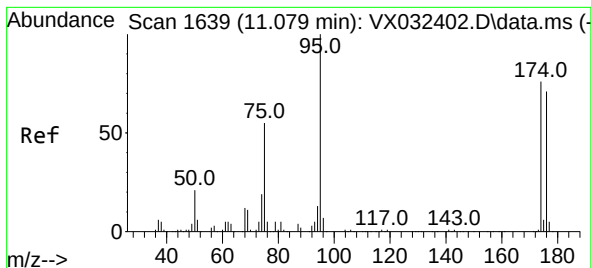
Tgt Ion:130 Resp: 40759
Ion Ratio Lower Upper
130 100
95 98.1 0.0 195.2



#50
Toluene-d8
Concen: 49.183 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 98 Resp: 194167
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3

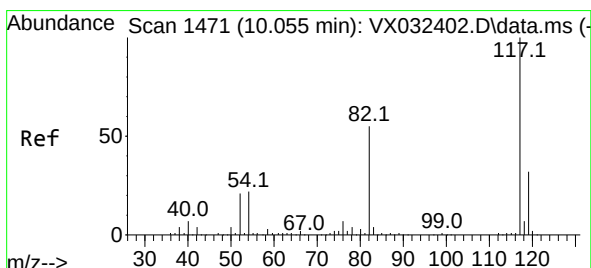
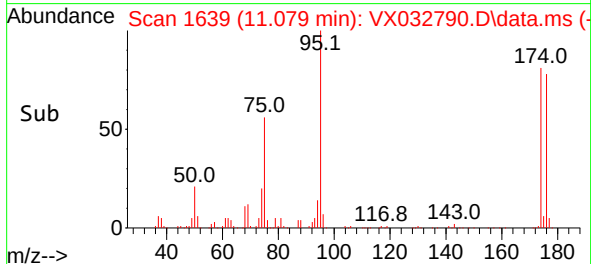
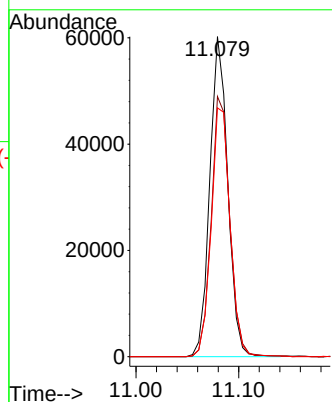
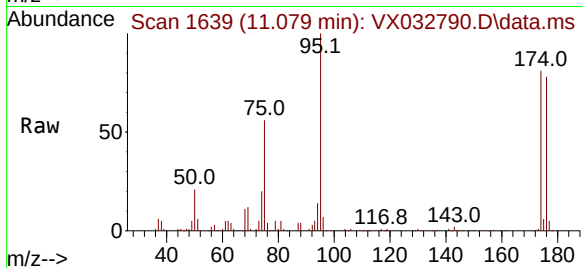




#62
4-Bromofluorobenzene
Concen: 47.449 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

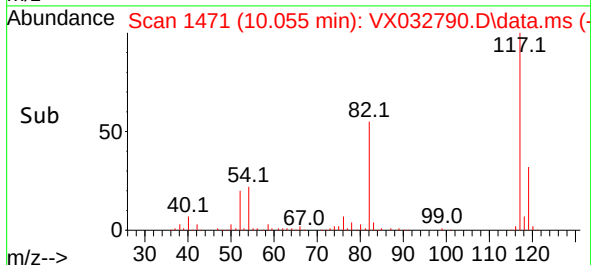
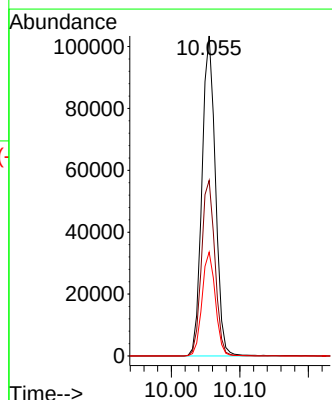
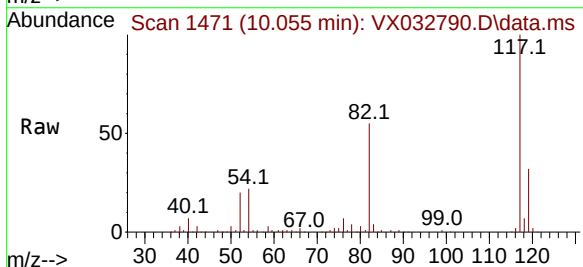
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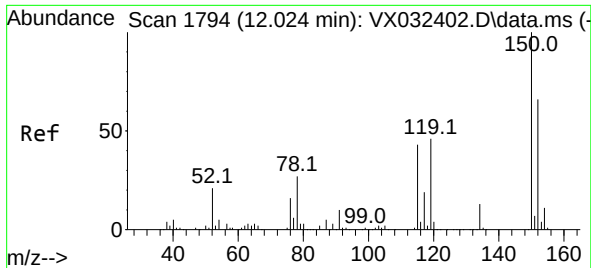
Tgt Ion: 95 Resp: 73172
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.0
176 81.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 117 Resp: 141359
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032790.D

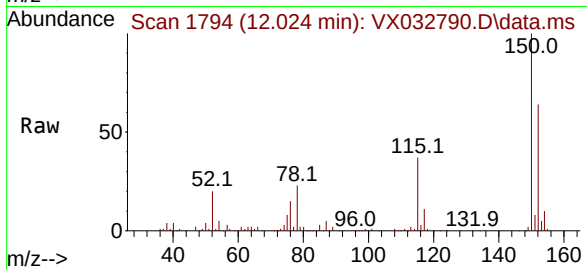
Acq: 14 Nov 2022 13:31

Instrument :

MSVOA_X

ClientSampleId :

20BR-20221109



Tgt Ion:152 Resp: 65604

Ion Ratio Lower Upper

152 100

115 58.4 44.0 132.0

150 154.4 0.0 351.8

