

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030734.D
 Acq On : 23 Aug 2022 16:05
 Operator : JC/MD
 Sample : N4245-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20220816

Quant Time: Aug 24 00:51:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

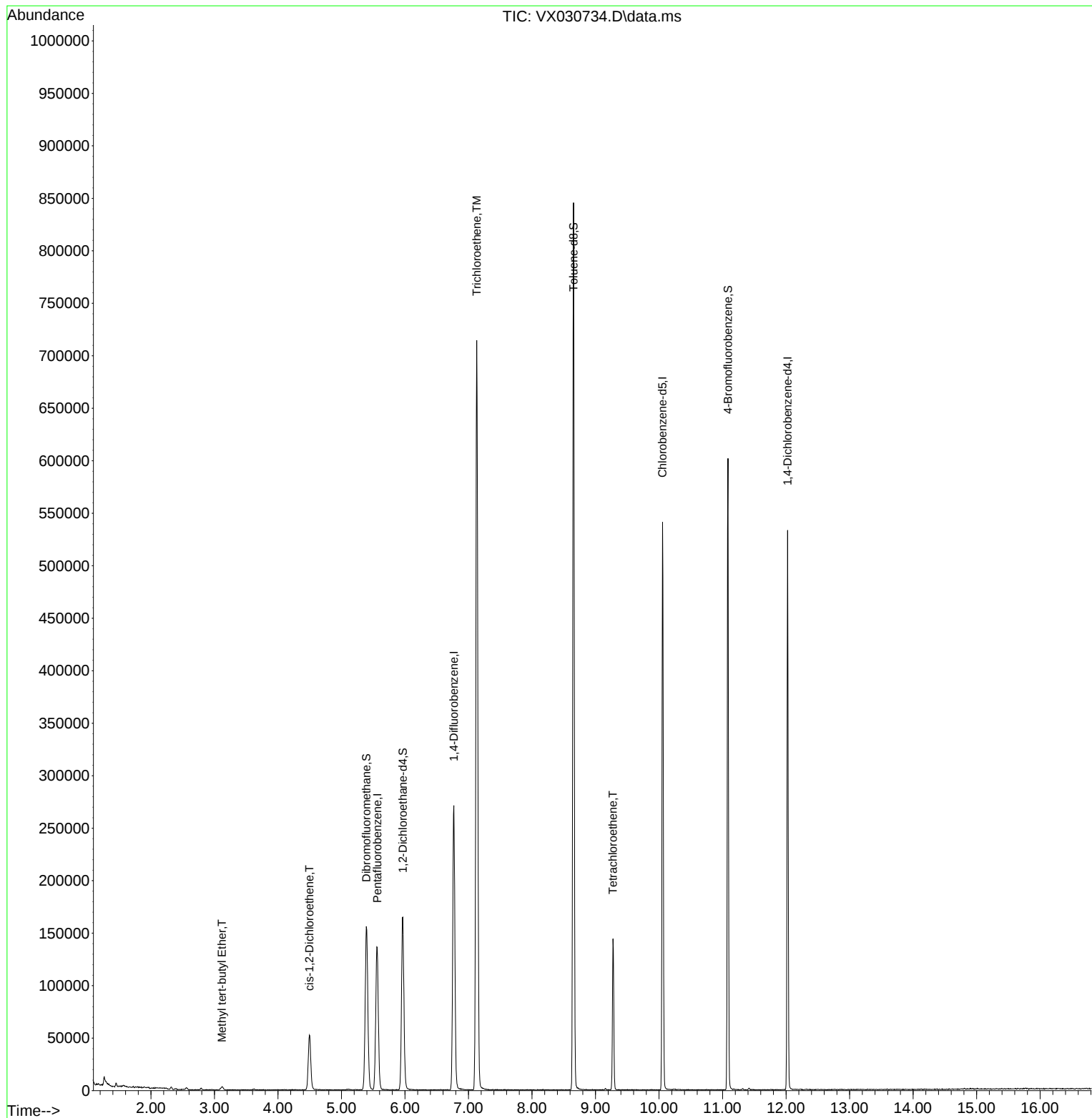
Internal Standards						
1) Pentafluorobenzene	5.562	168	128471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152767	59.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.320%
35) Dibromofluoromethane	5.391	113	143169	51.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	8.653	98	514457	47.896	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.800%
62) 4-Bromofluorobenzene	11.085	95	173844	43.610	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.220%
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.117	73	3115	0.453	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	35155	13.496	ug/l	90
44) Trichloroethene	7.129	130	281082	81.912	ug/l	97
64) Tetrachloroethene	9.275	164	26425	9.400	ug/l	94

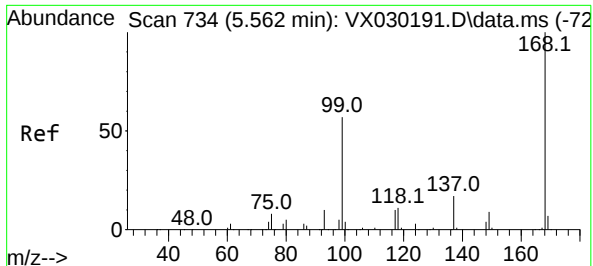
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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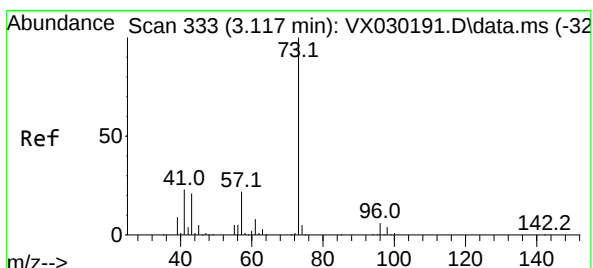
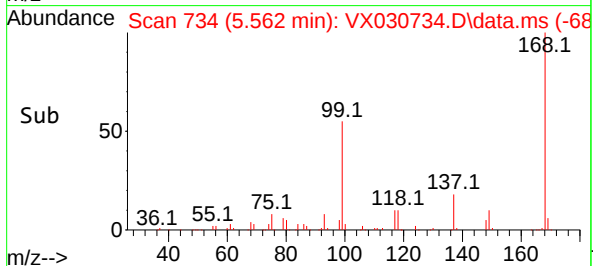
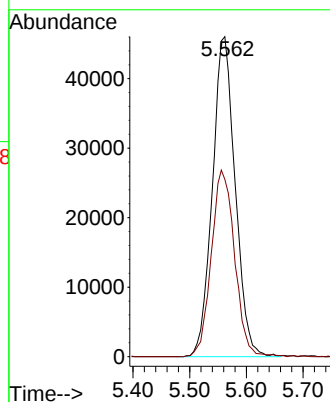
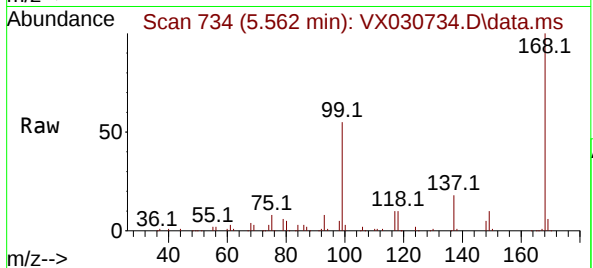




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

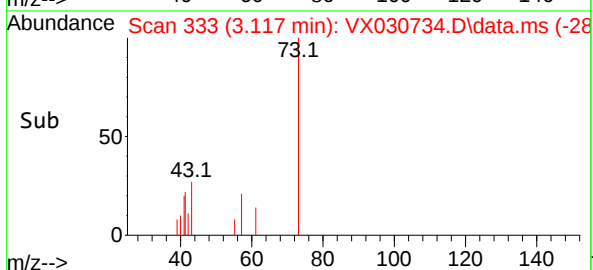
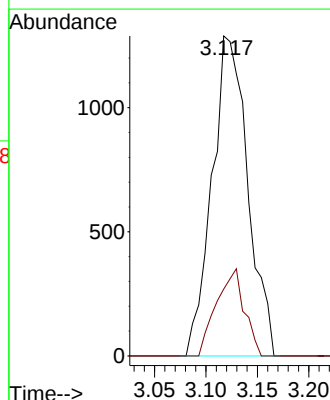
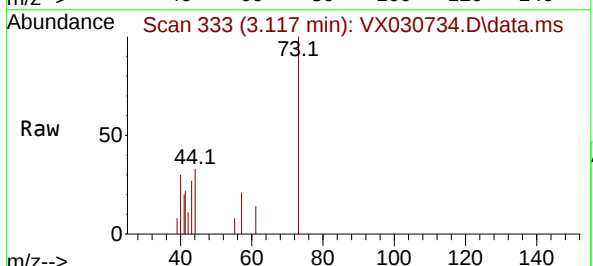
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20220816

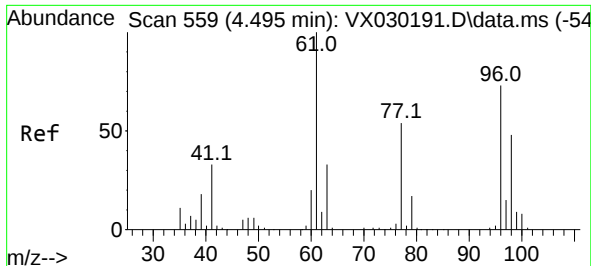
Tgt Ion:168 Resp: 128471
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#19
Methyl tert-butyl Ether
Concen: 0.453 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

Tgt Ion: 73 Resp: 3115
Ion Ratio Lower Upper
73 100
57 20.9 19.0 28.6





#27

cis-1,2-Dichloroethene

Concen: 13.496 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030734.D

Acq: 23 Aug 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20220816

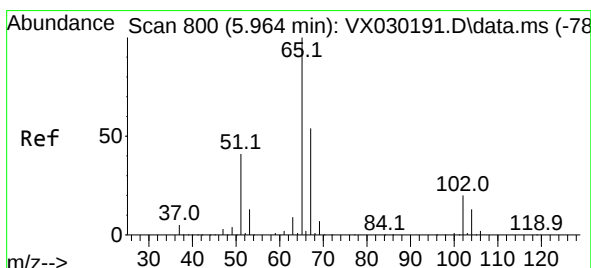
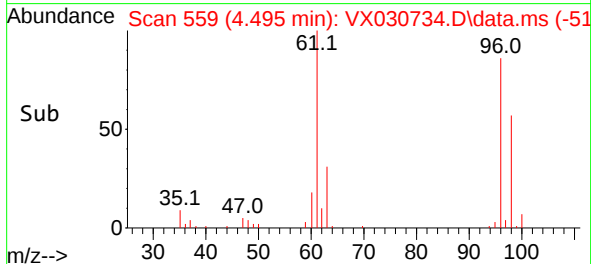
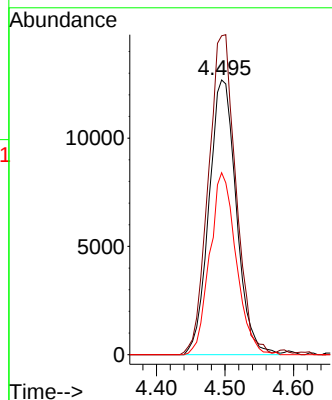
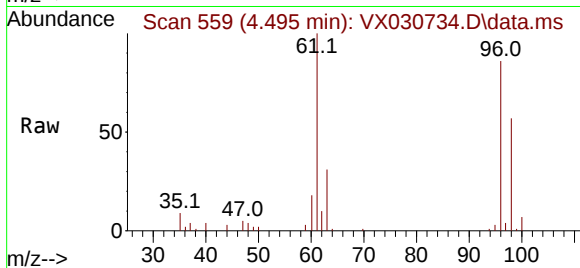
Tgt Ion: 96 Resp: 35155

Ion Ratio Lower Upper

96 100

61 117.1 0.0 270.0

98 63.8 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 59.162 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030734.D

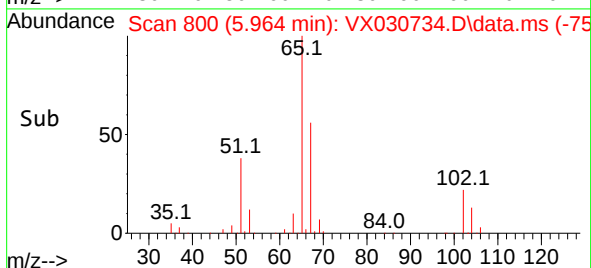
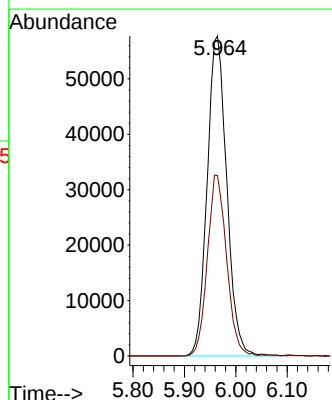
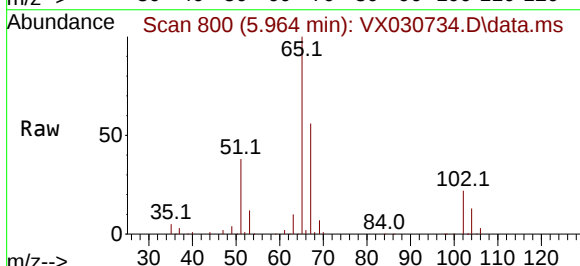
Acq: 23 Aug 2022 16:05

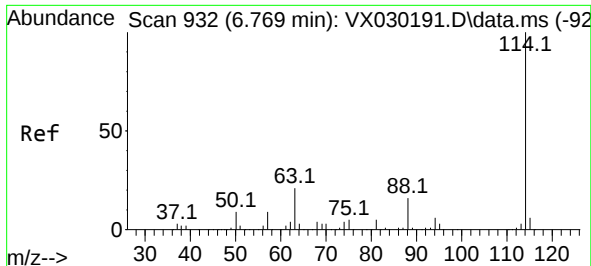
Tgt Ion: 65 Resp: 152767

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.6

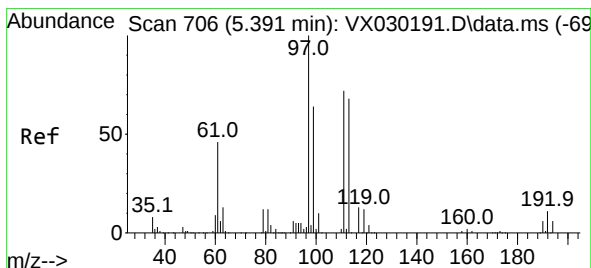
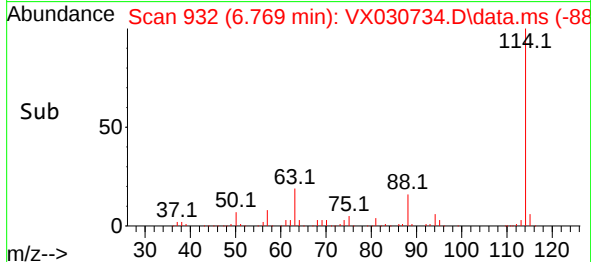
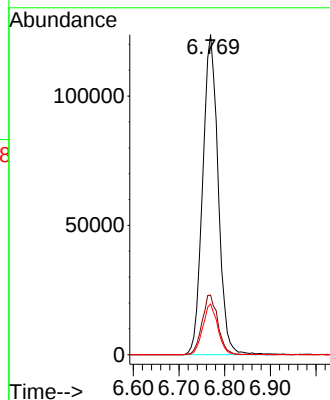
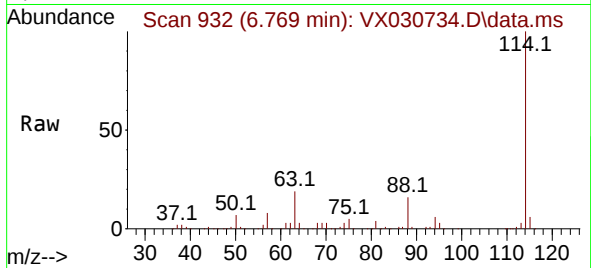




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

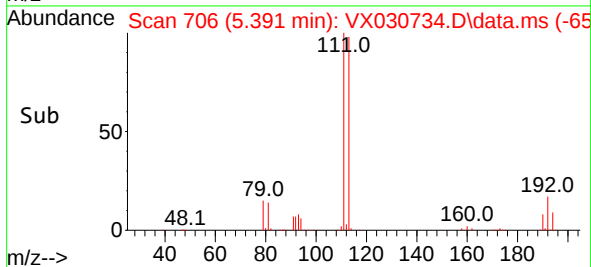
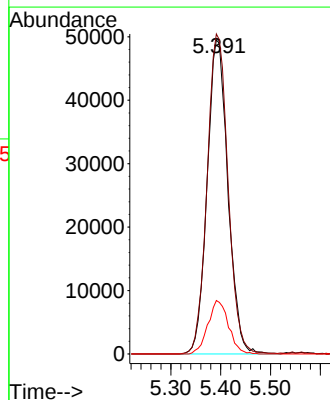
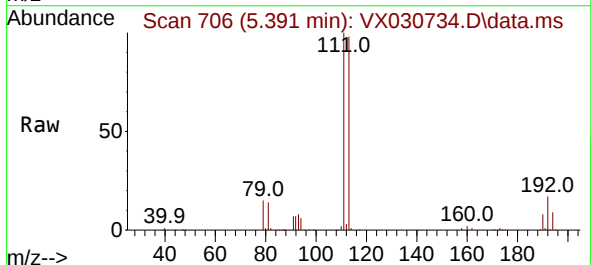
Instrument :
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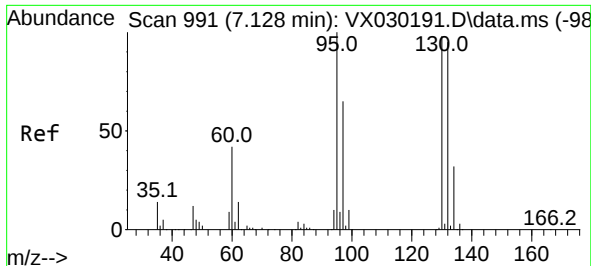
Tgt Ion:114 Resp: 290139
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.619 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

Tgt Ion:113 Resp: 143169
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 16.9 14.8 22.2

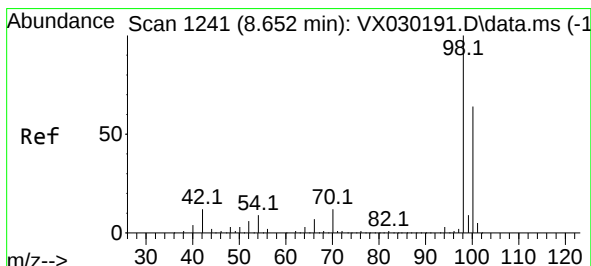
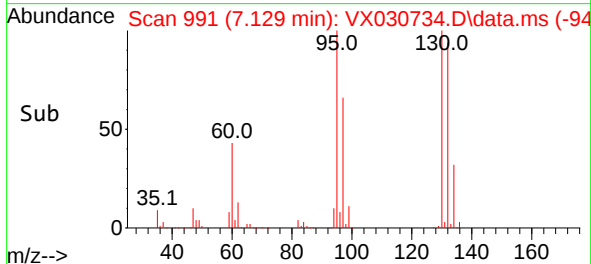
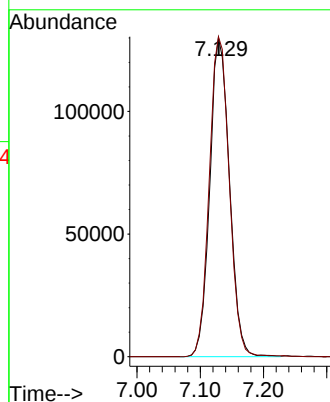
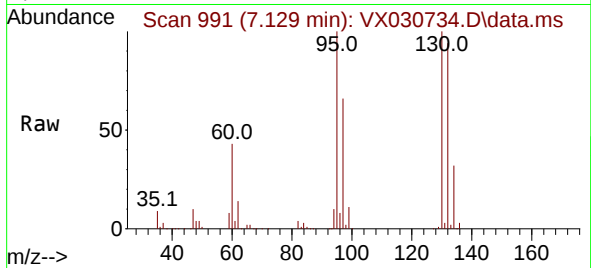




#44
Trichloroethene
Concen: 81.912 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

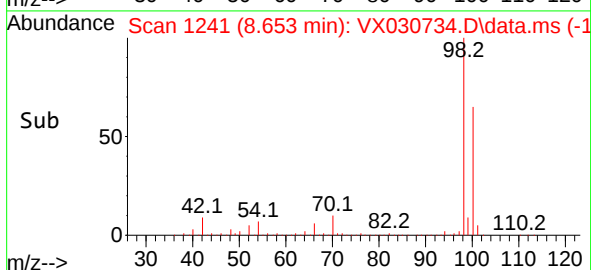
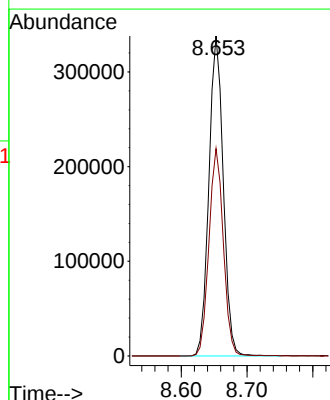
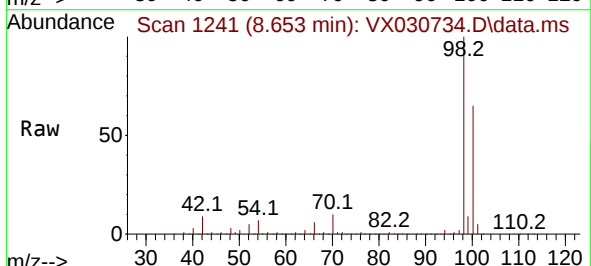
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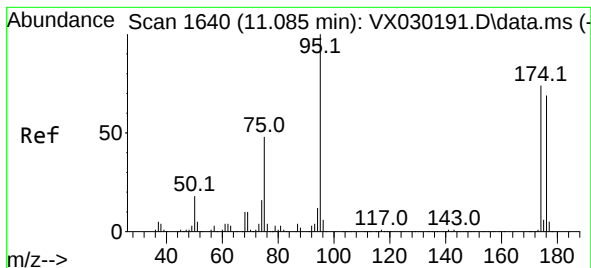
Tgt Ion:130 Resp: 281082
Ion Ratio Lower Upper
130 100
95 100.3 0.0 194.8



#50
Toluene-d8
Concen: 47.896 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

Tgt Ion: 98 Resp: 514457
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

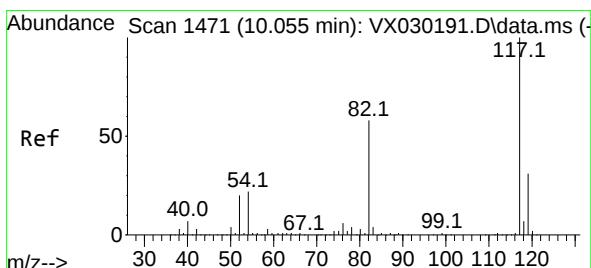
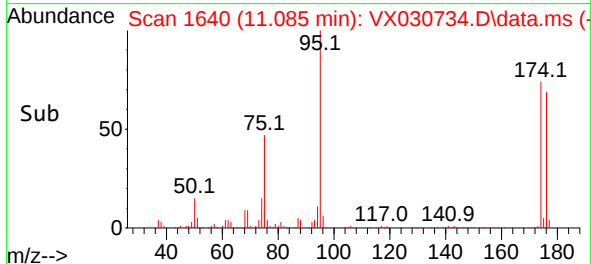
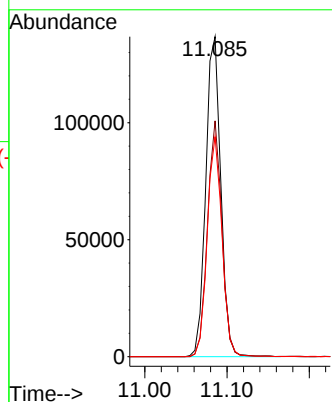
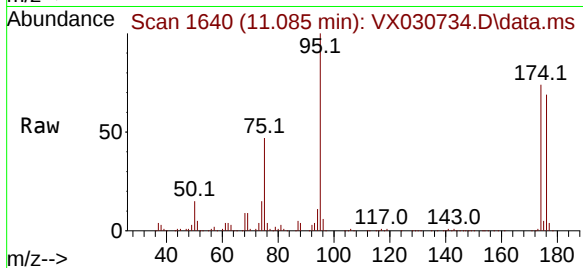




#62
4-Bromofluorobenzene
Concen: 43.610 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

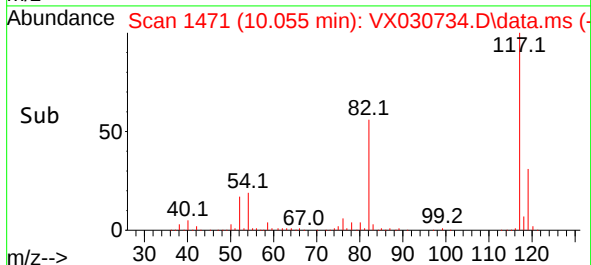
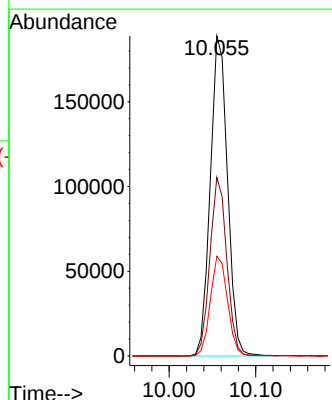
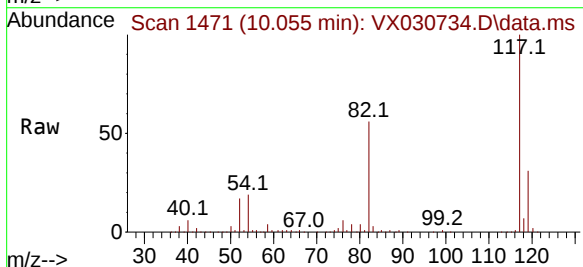
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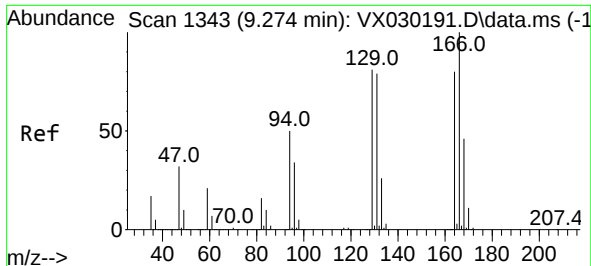
Tgt Ion: 95 Resp: 173844
Ion Ratio Lower Upper
95 100
174 70.8 0.0 149.0
176 67.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

Tgt Ion: 117 Resp: 261124
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 31.2 25.4 38.2

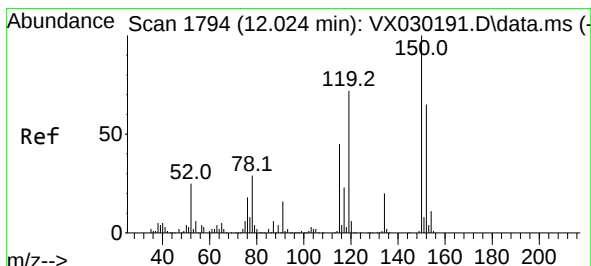
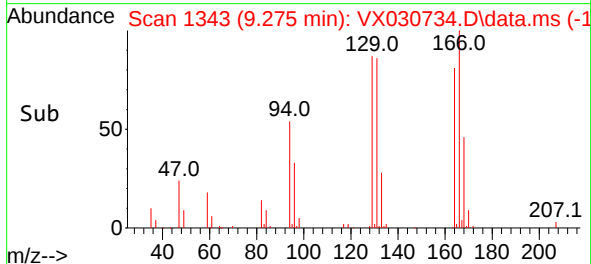
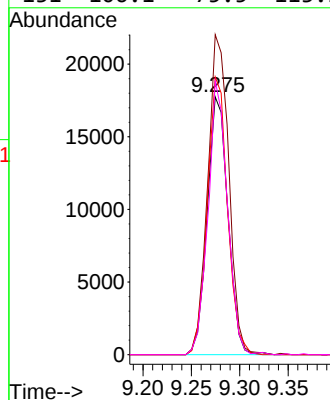
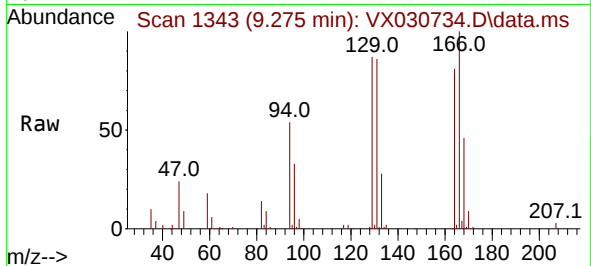




#64
Tetrachloroethene
Concen: 9.400 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	26425
Ion Ratio	Lower	Upper
164	100	
166	124.1	98.2 147.4
129	107.8	80.8 121.2
131	106.1	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030734.D
Acq: 23 Aug 2022 16:05

Tgt Ion:152	Resp:	107765
Ion Ratio	Lower	Upper
152	100	
115	62.1	40.5 121.5
150	157.2	0.0 347.0

