

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034980.D
 Acq On : 07 Apr 2023 19:40
 Operator : JC/MD
 Sample : 02247-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10D

Quant Time: Apr 08 01:00:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

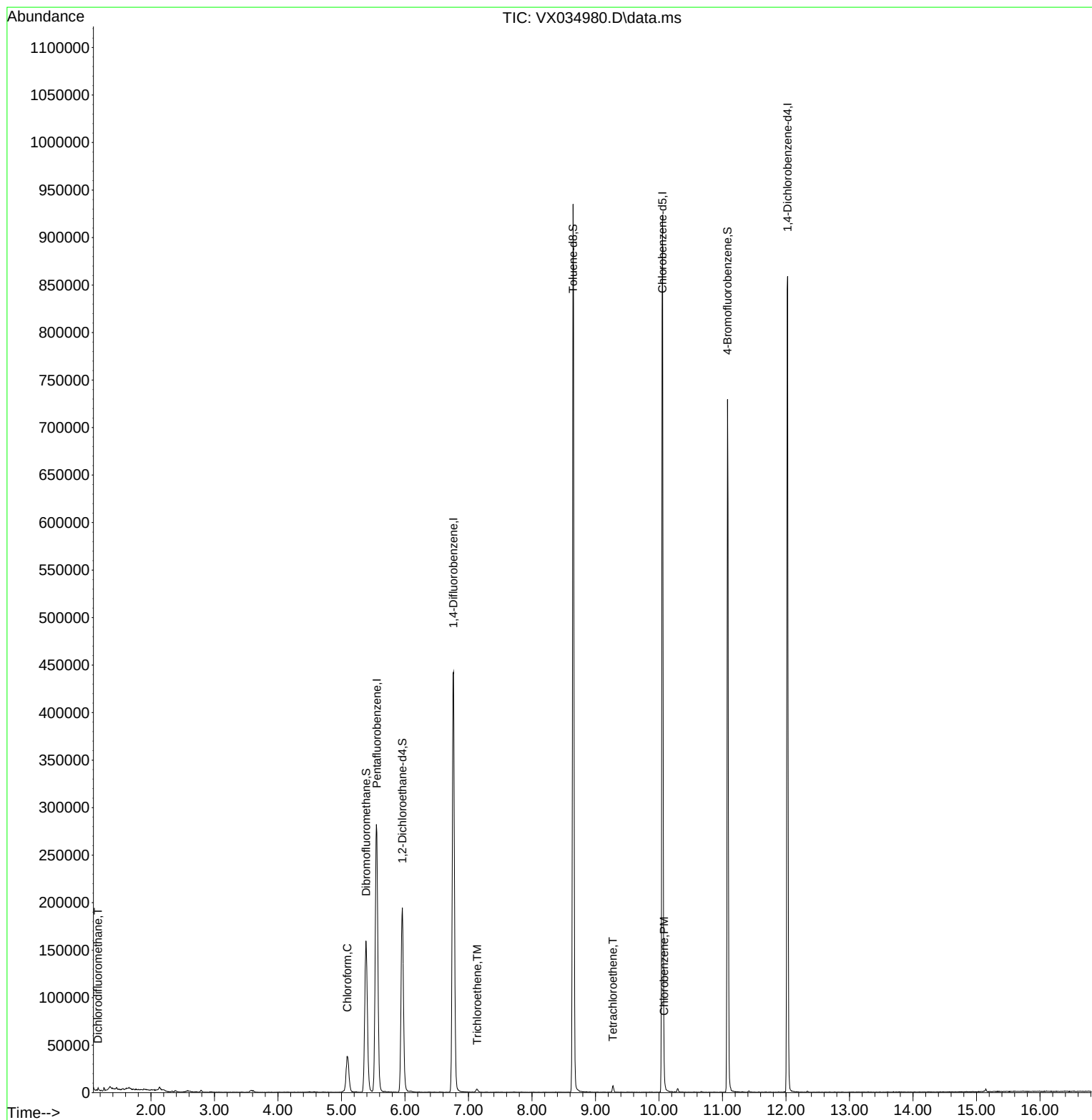
Internal Standards						
1) Pentafluorobenzene	5.556	168	255975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	441636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191353	48.880	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.760%
35) Dibromofluoromethane	5.385	113	138887	47.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	8.647	98	529961	49.153	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	200062	47.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1092	0.428	ug/l	97
30) Chloroform	5.093	83	46565	8.203	ug/l	96
44) Trichloroethene	7.135	130	1340	0.423	ug/l	94
64) Tetrachloroethene	9.275	164	1222	0.433	ug/l #	91
65) Chlorobenzene	10.080	112	3086	0.376	ug/l	99

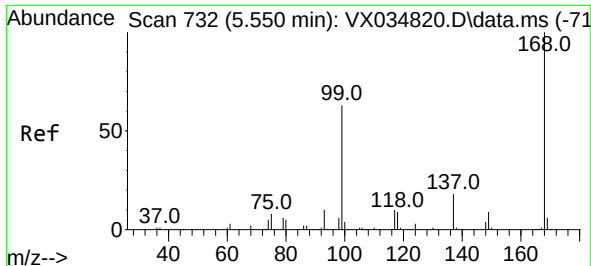
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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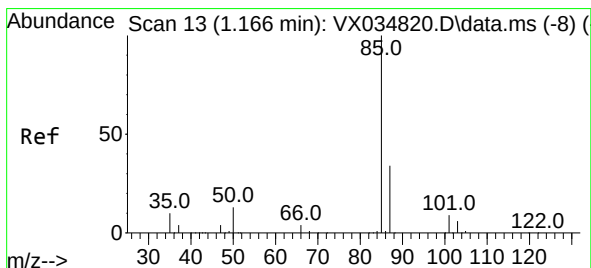
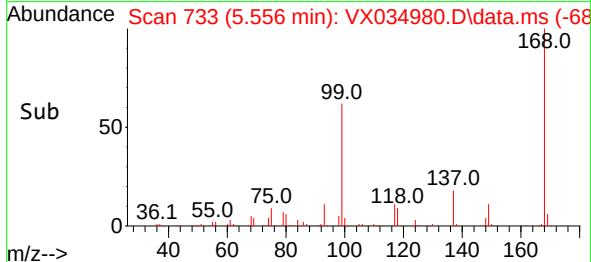
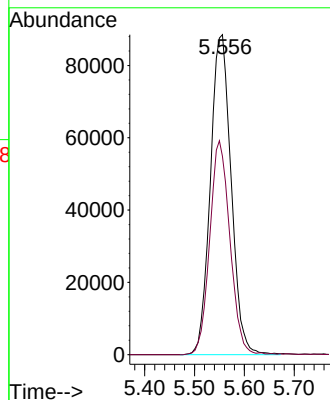
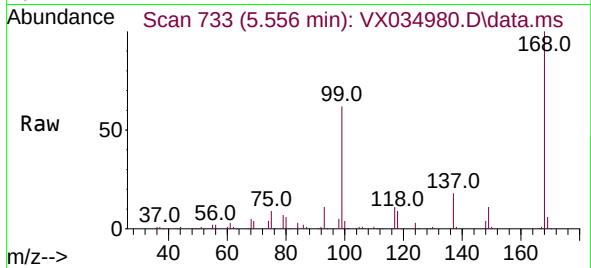




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

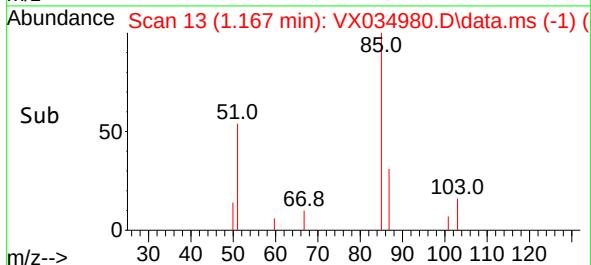
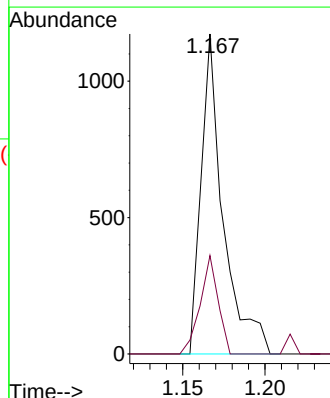
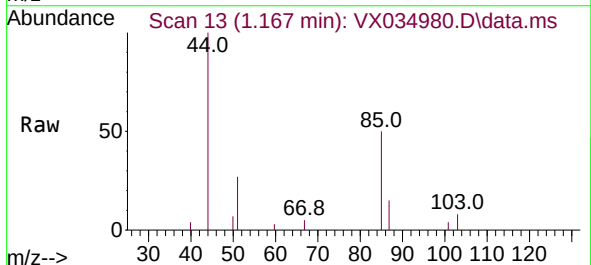
Instrument :
MSVOA_X
ClientSampleId :
PK-10D

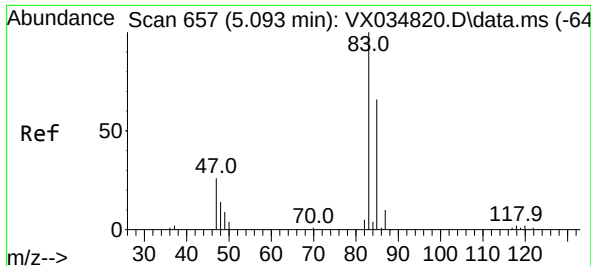
Tgt Ion:168 Resp: 255975
Ion Ratio Lower Upper
168 100
99 62.0 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.428 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 85 Resp: 1092
Ion Ratio Lower Upper
85 100
87 30.8 16.4 49.1





#30

Chloroform

Concen: 8.203 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034980.D

Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

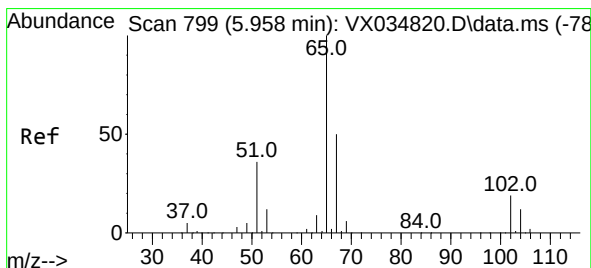
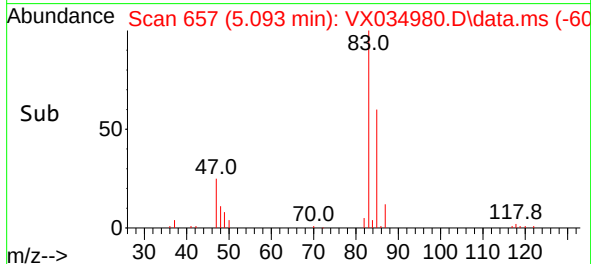
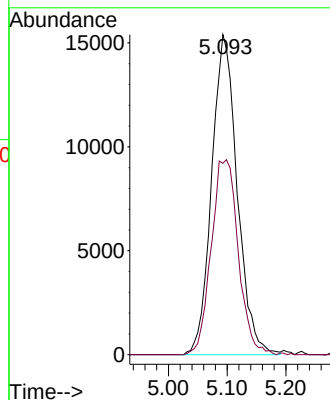
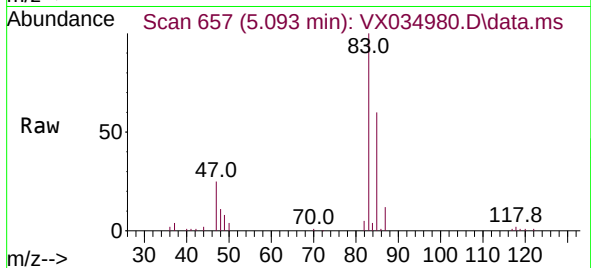
PK-10D

Tgt Ion: 83 Resp: 46565

Ion Ratio Lower Upper

83 100

85 59.8 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 48.880 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX034980.D

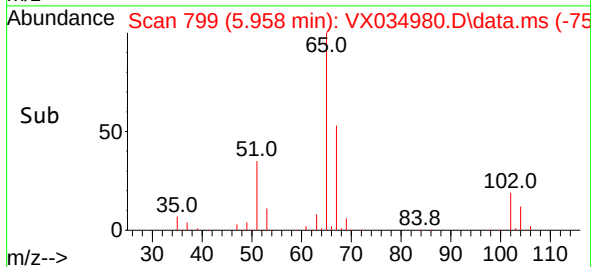
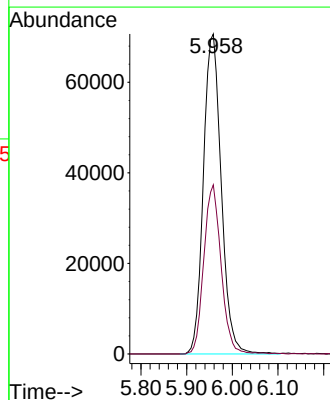
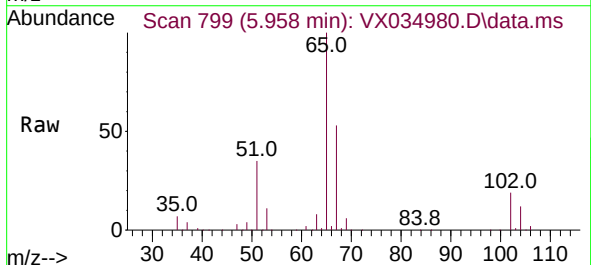
Acq: 07 Apr 2023 19:40

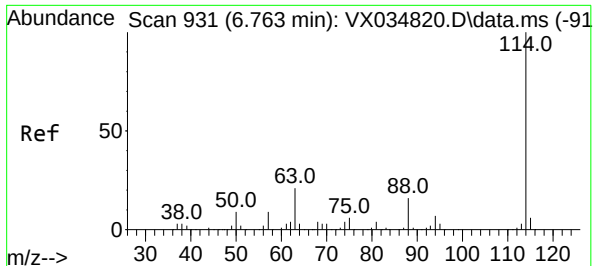
Tgt Ion: 65 Resp: 191353

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.0

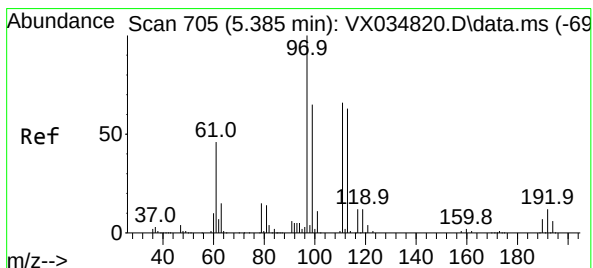
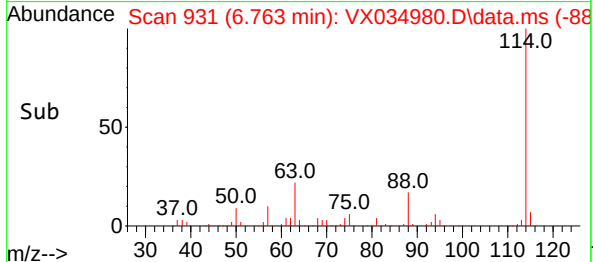
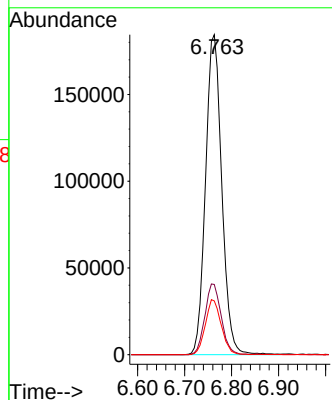
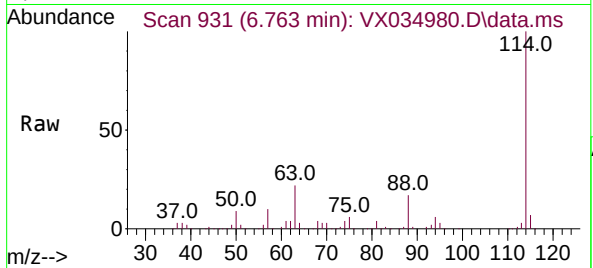




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

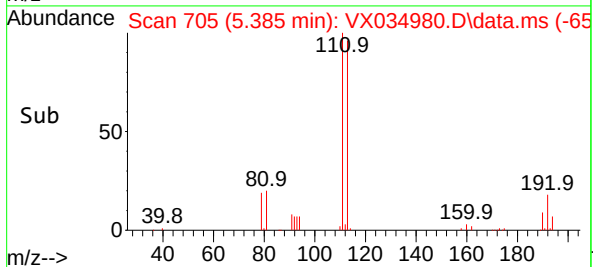
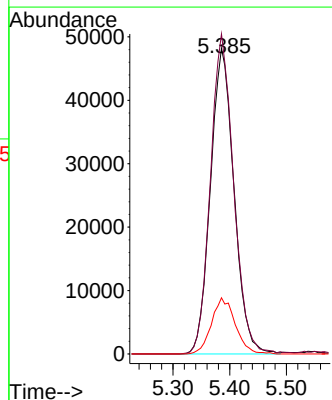
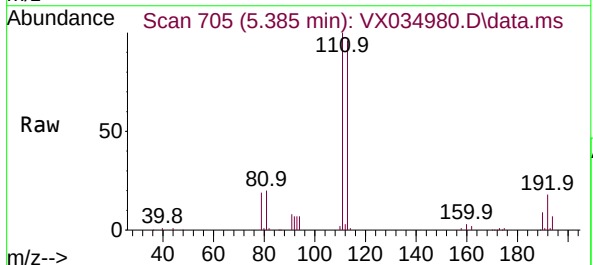
Instrument :
MSVOA_X
ClientSampleId :
PK-10D

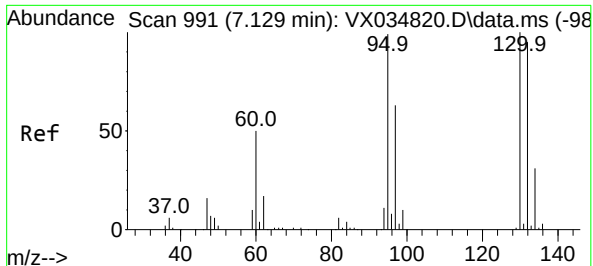
Tgt Ion:114 Resp: 441636
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.547 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

Tgt Ion:113 Resp: 138887
Ion Ratio Lower Upper
113 100
111 103.5 83.7 125.5
192 18.6 15.4 23.2

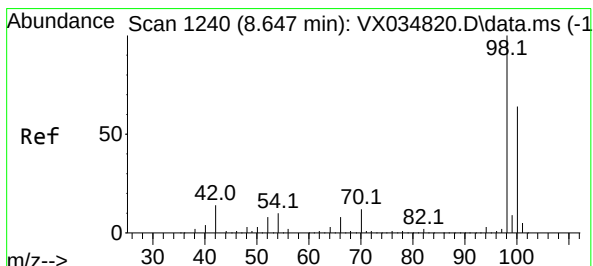
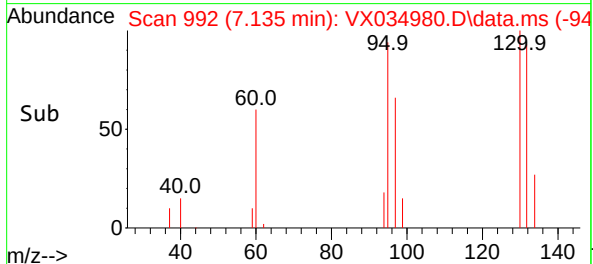
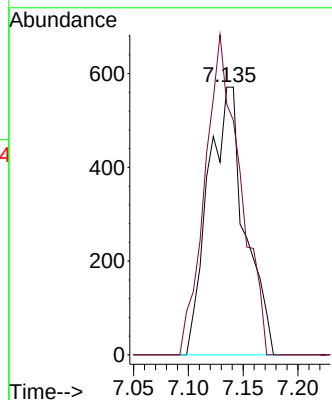
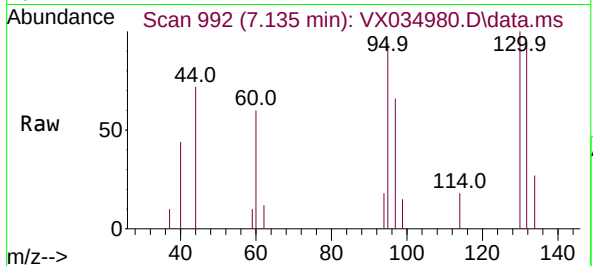




#44
Trichloroethene
Concen: 0.423 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

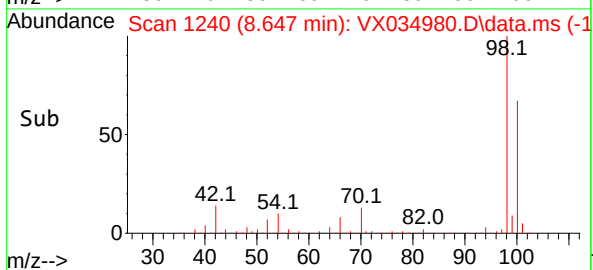
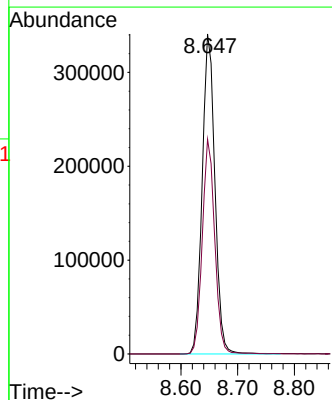
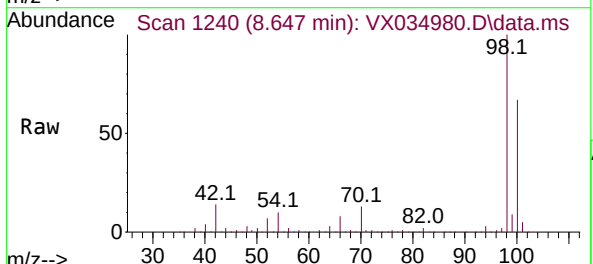
Instrument :
MSVOA_X
ClientSampleId :
PK-10D

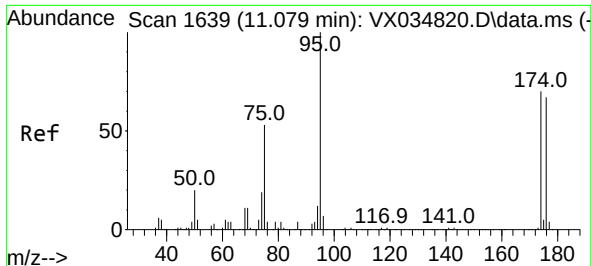
Tgt Ion:130 Resp: 1340
Ion Ratio Lower Upper
130 100
95 93.7 0.0 198.4



#50
Toluene-d8
Concen: 49.153 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 98 Resp: 529961
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

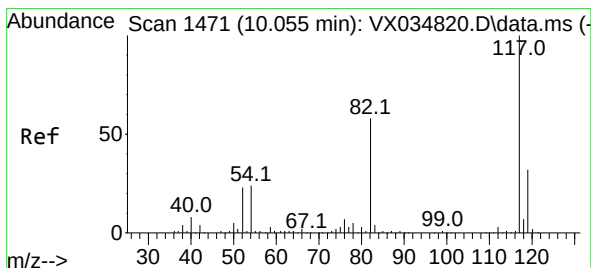
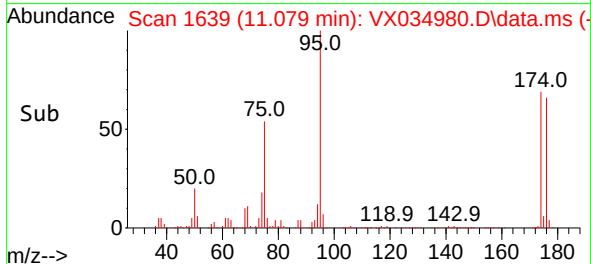
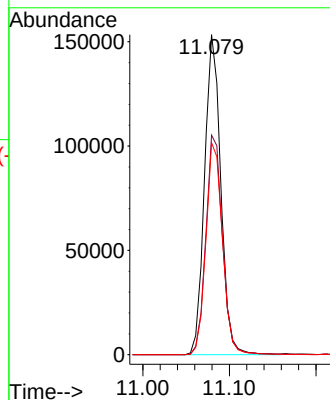
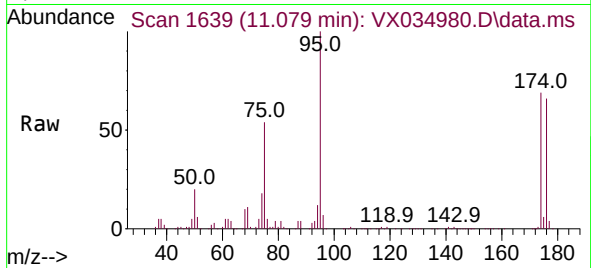




#62
4-Bromofluorobenzene
Concen: 47.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

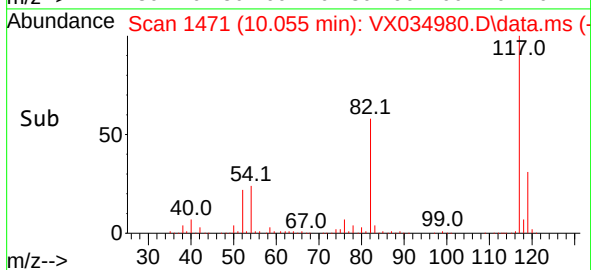
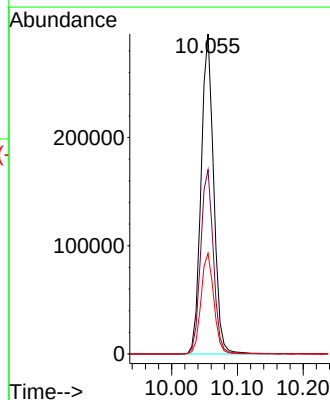
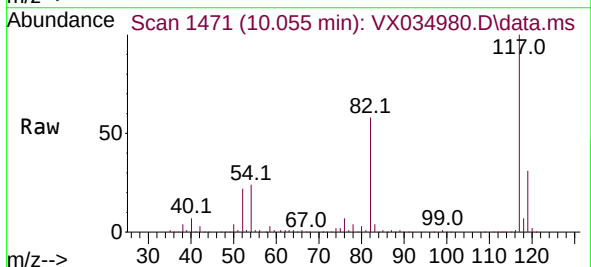
Instrument :
MSVOA_X
ClientSampleId :
PK-10D

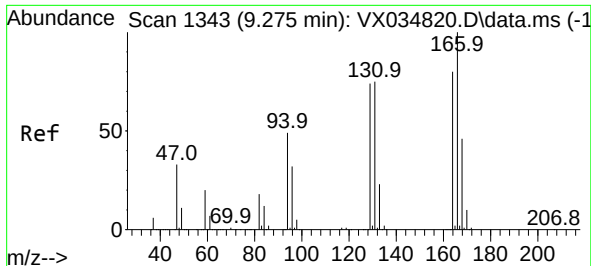
Tgt Ion: 95 Resp: 200062
Ion Ratio Lower Upper
95 100
174 70.4 0.0 147.4
176 67.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

Tgt Ion: 117 Resp: 394356
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 31.5 26.0 39.0

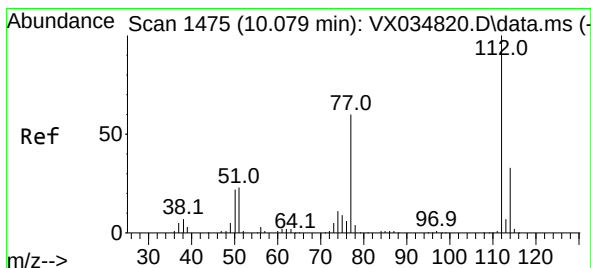
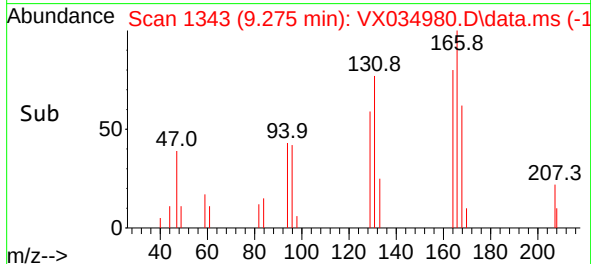
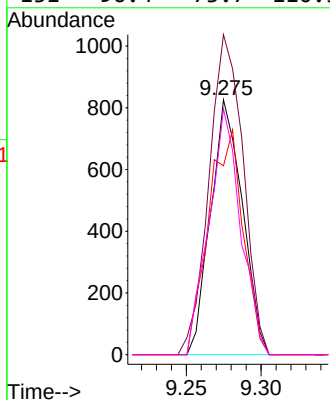
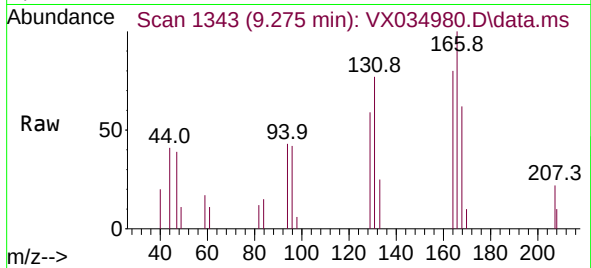




#64
Tetrachloroethene
Concen: 0.433 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

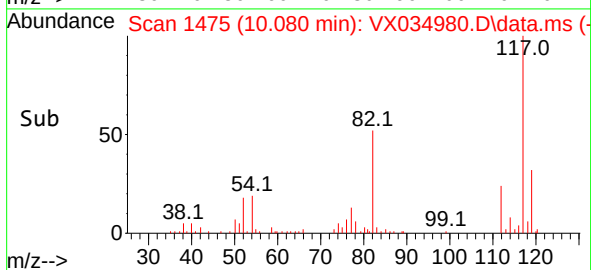
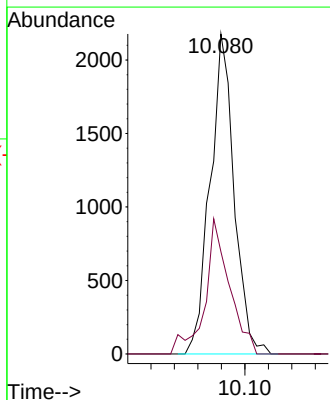
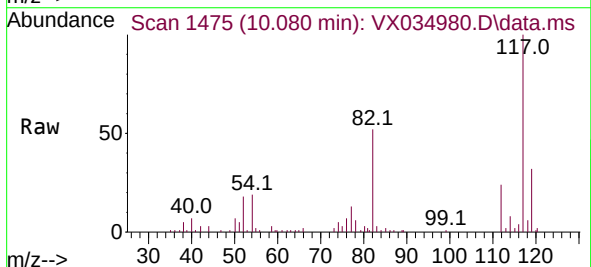
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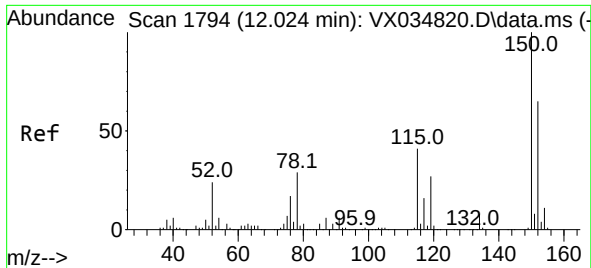
Tgt Ion:164 Resp: 1222
Ion Ratio Lower Upper
164 100
166 125.5 102.7 154.1
129 74.1 75.6 113.4#
131 96.4 73.7 110.5



#65
Chlorobenzene
Concen: 0.376 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034980.D
Acq: 07 Apr 2023 19:40

Tgt Ion:112 Resp: 3086
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034980.D

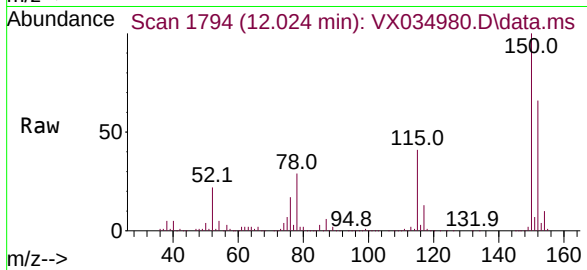
Acq: 07 Apr 2023 19:40

Instrument :

MSVOA_X

ClientSampleId :

PK-10D



Tgt Ion:152 Resp: 176012

Ion Ratio Lower Upper

152 100

115 63.1 45.0 135.0

150 155.3 0.0 352.4

