

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034484.D
 Acq On : 15 Mar 2023 05:27
 Operator : JC/MD
 Sample : 01903-12 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20230312

Quant Time: Mar 15 07:00:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

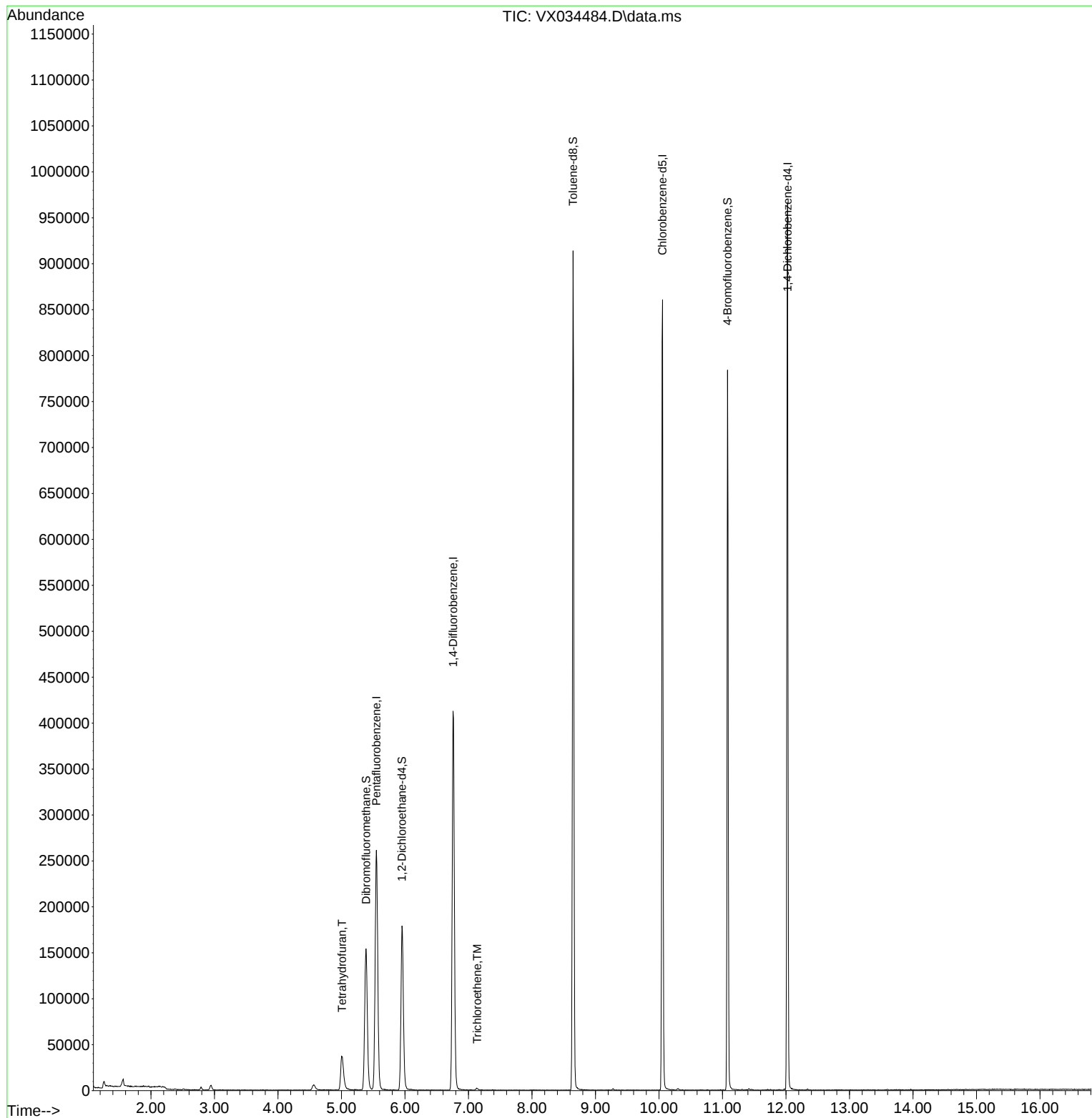
Internal Standards						
1) Pentafluorobenzene	5.550	168	247709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	419458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165282	45.865	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.720%		
35) Dibromofluoromethane	5.385	113	133448	48.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	8.647	98	512521	49.574	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.140%		
62) 4-Bromofluorobenzene	11.079	95	198379	47.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.000%		
Target Compounds						
29) Tetrahydrofuran	5.007	42	38664	25.797	ug/l	98
44) Trichloroethene	7.135	130	830	0.257	ug/l	90

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

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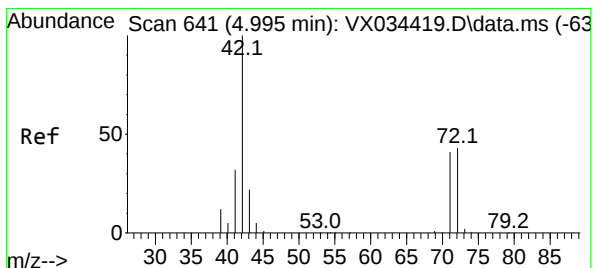
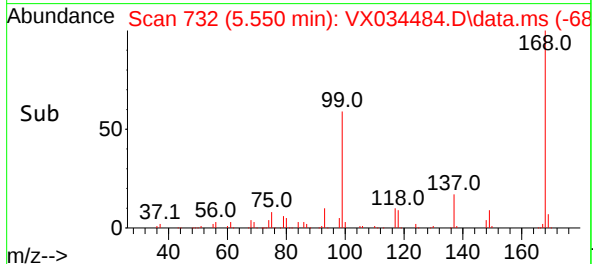
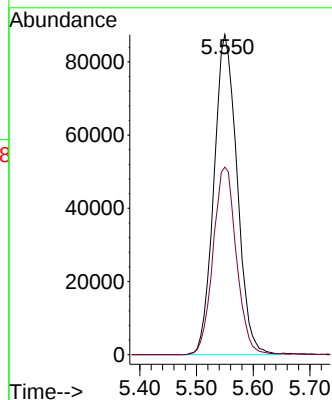
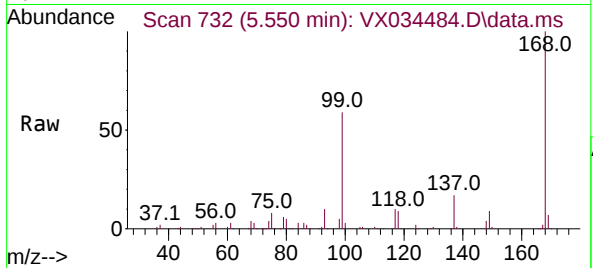




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

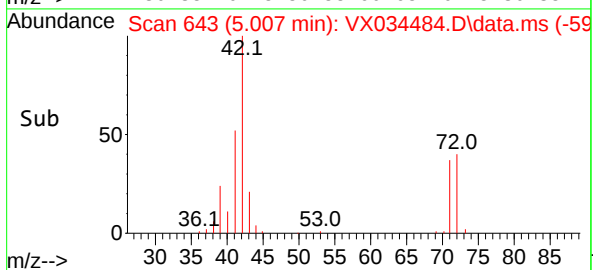
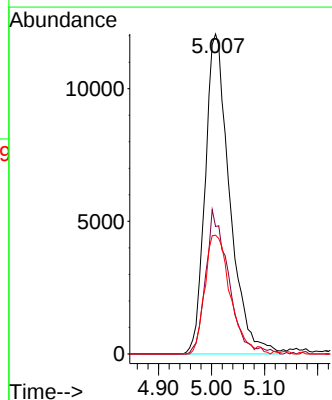
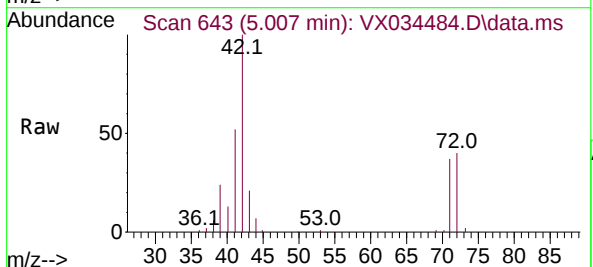
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230312

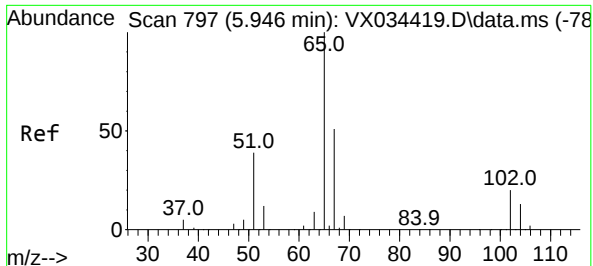
Tgt Ion:168 Resp: 247709
Ion Ratio Lower Upper
168 100
99 58.6 45.7 68.5



#29
Tetrahydrofuran
Concen: 25.797 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.012 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion: 42 Resp: 38664
Ion Ratio Lower Upper
42 100
72 42.2 34.5 51.7
71 38.8 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 45.865 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034484.D

Acq: 15 Mar 2023 05:27

Instrument :

MSVOA_X

ClientSampleId :

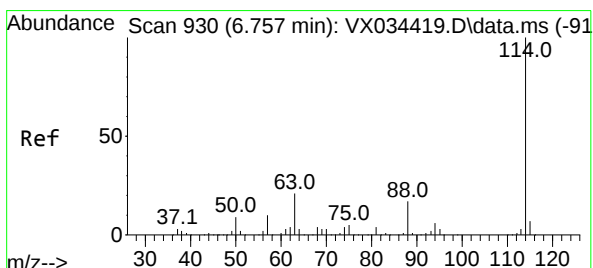
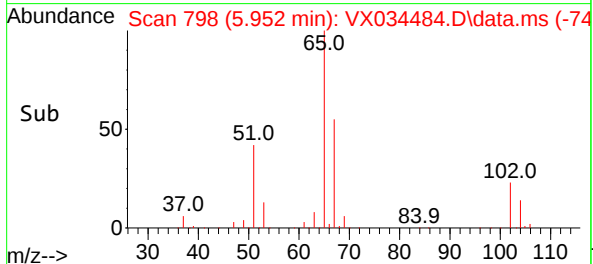
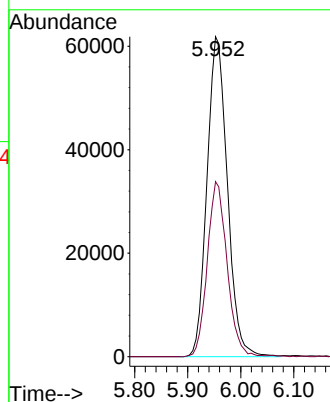
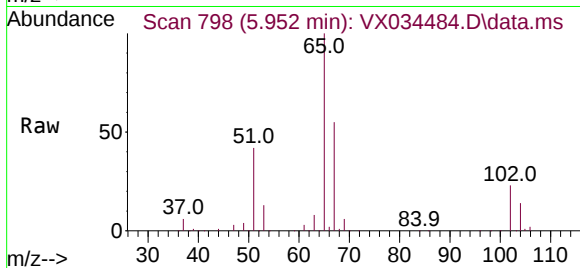
DUP05-20230312

Tgt Ion: 65 Resp: 165282

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034484.D

Acq: 15 Mar 2023 05:27

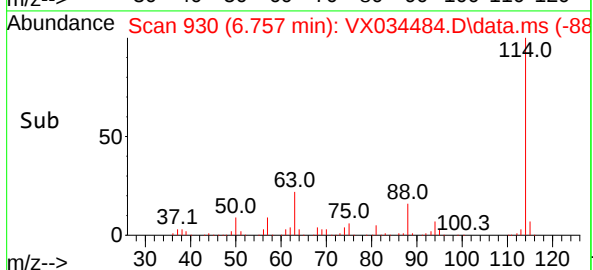
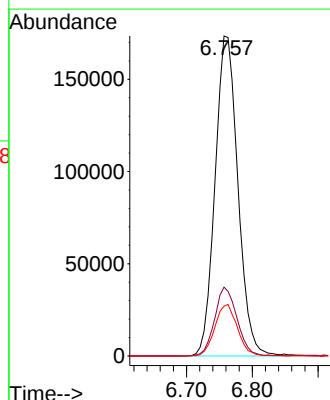
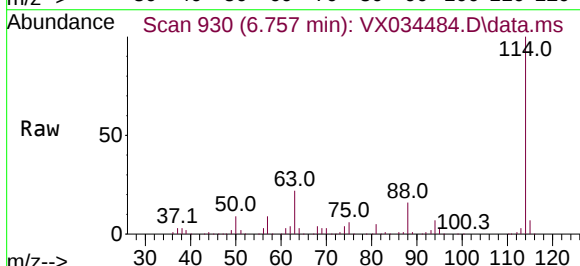
Tgt Ion: 114 Resp: 419458

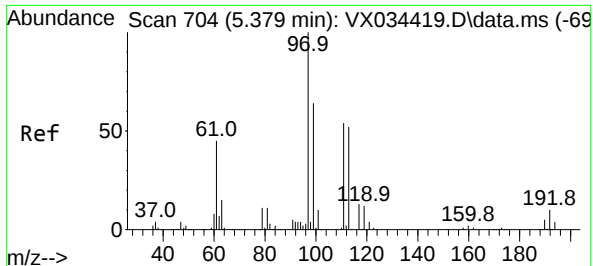
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.186 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034484.D

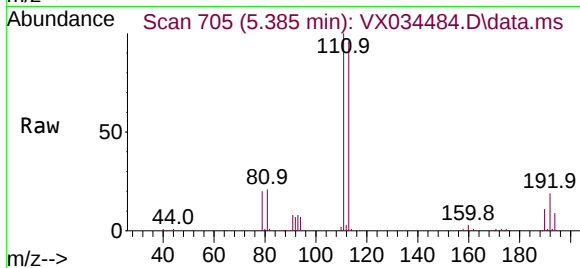
Acq: 15 Mar 2023 05:27

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20230312



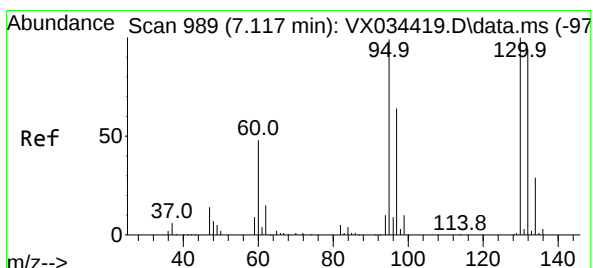
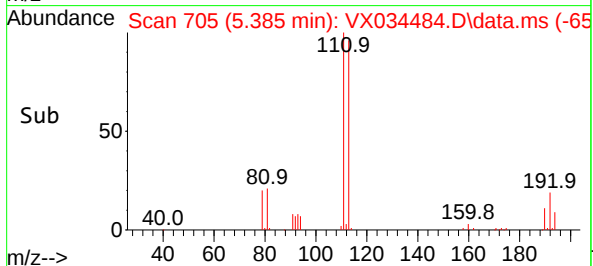
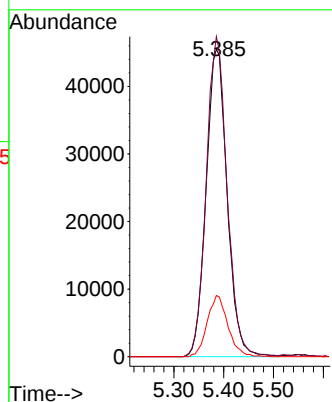
Tgt Ion:113 Resp: 133448

Ion Ratio Lower Upper

113 100

111 103.0 83.7 125.5

192 19.5 15.4 23.2



#44

Trichloroethene

Concen: 0.257 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.018 min

Lab File: VX034484.D

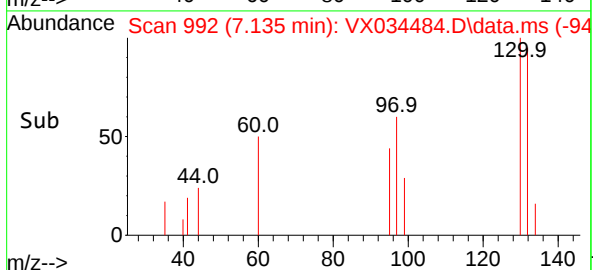
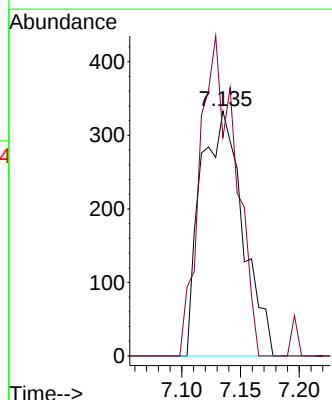
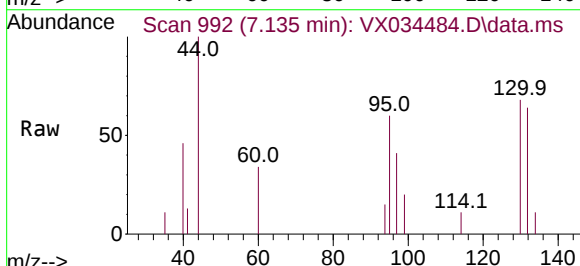
Acq: 15 Mar 2023 05:27

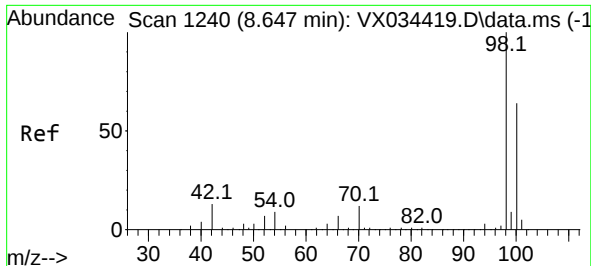
Tgt Ion:130 Resp: 830

Ion Ratio Lower Upper

130 100

95 89.2 0.0 198.4

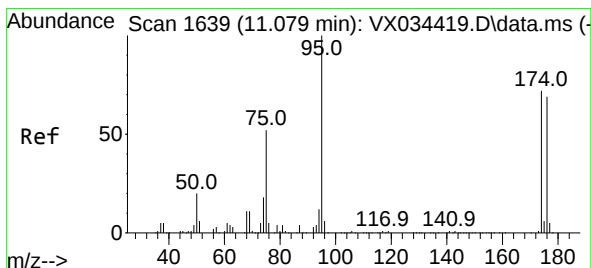
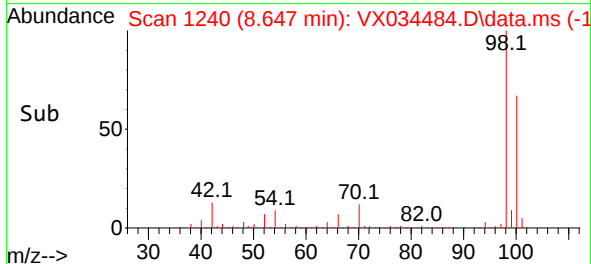
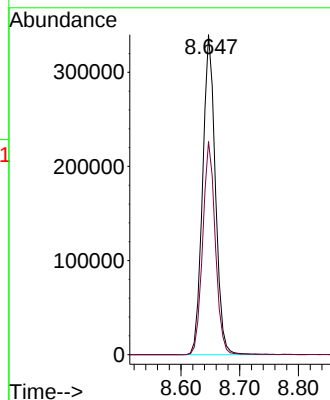
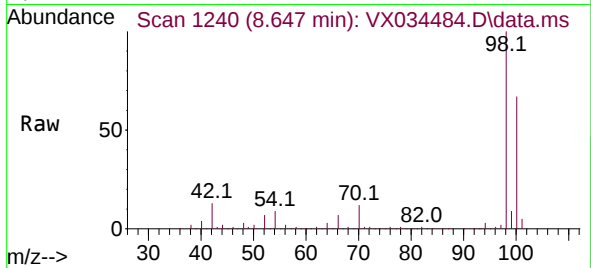




#50
Toluene-d8
Concen: 49.574 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

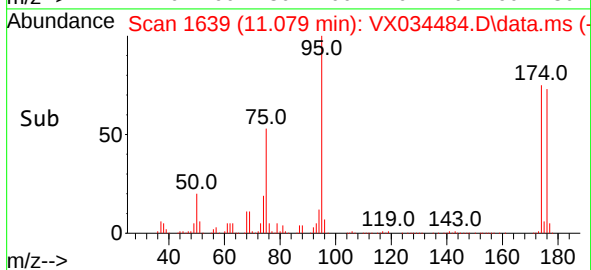
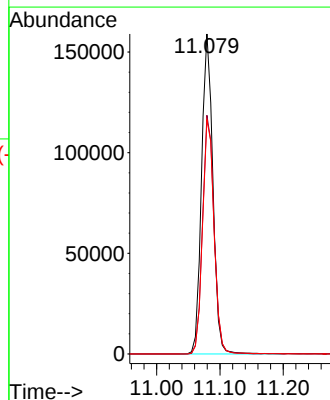
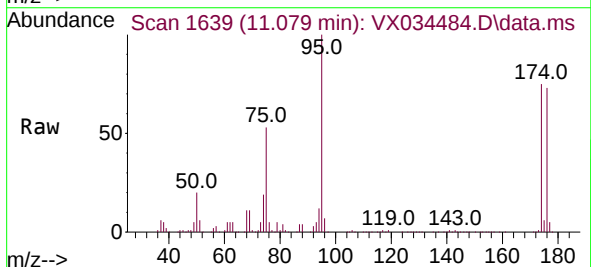
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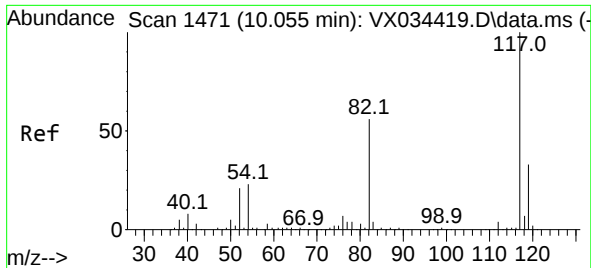
Tgt Ion: 98 Resp: 512521
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion: 95 Resp: 198379
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 74.6 0.0 140.6

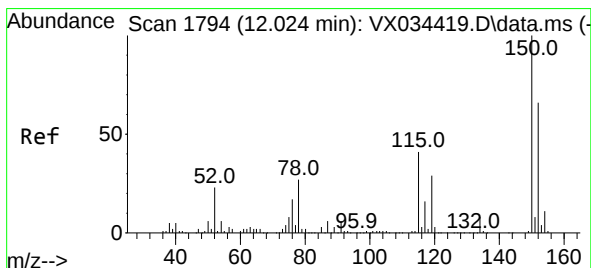
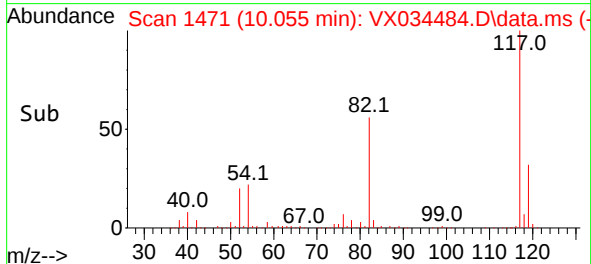
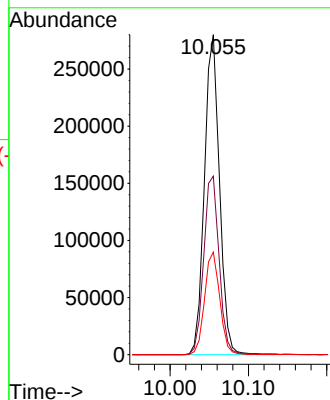
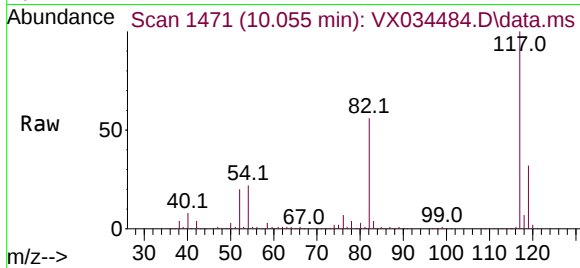




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20230312

Tgt Ion:117 Resp: 373861
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034484.D
Acq: 15 Mar 2023 05:27

Tgt Ion:152 Resp: 187628
Ion Ratio Lower Upper
152 100
115 64.3 45.0 135.0
150 158.7 0.0 352.4

