

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029319.D
 Acq On : 08 Jun 2022 14:27
 Operator : JC/MD
 Sample : N3174-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MID0622

Quant Time: Jun 09 09:40:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

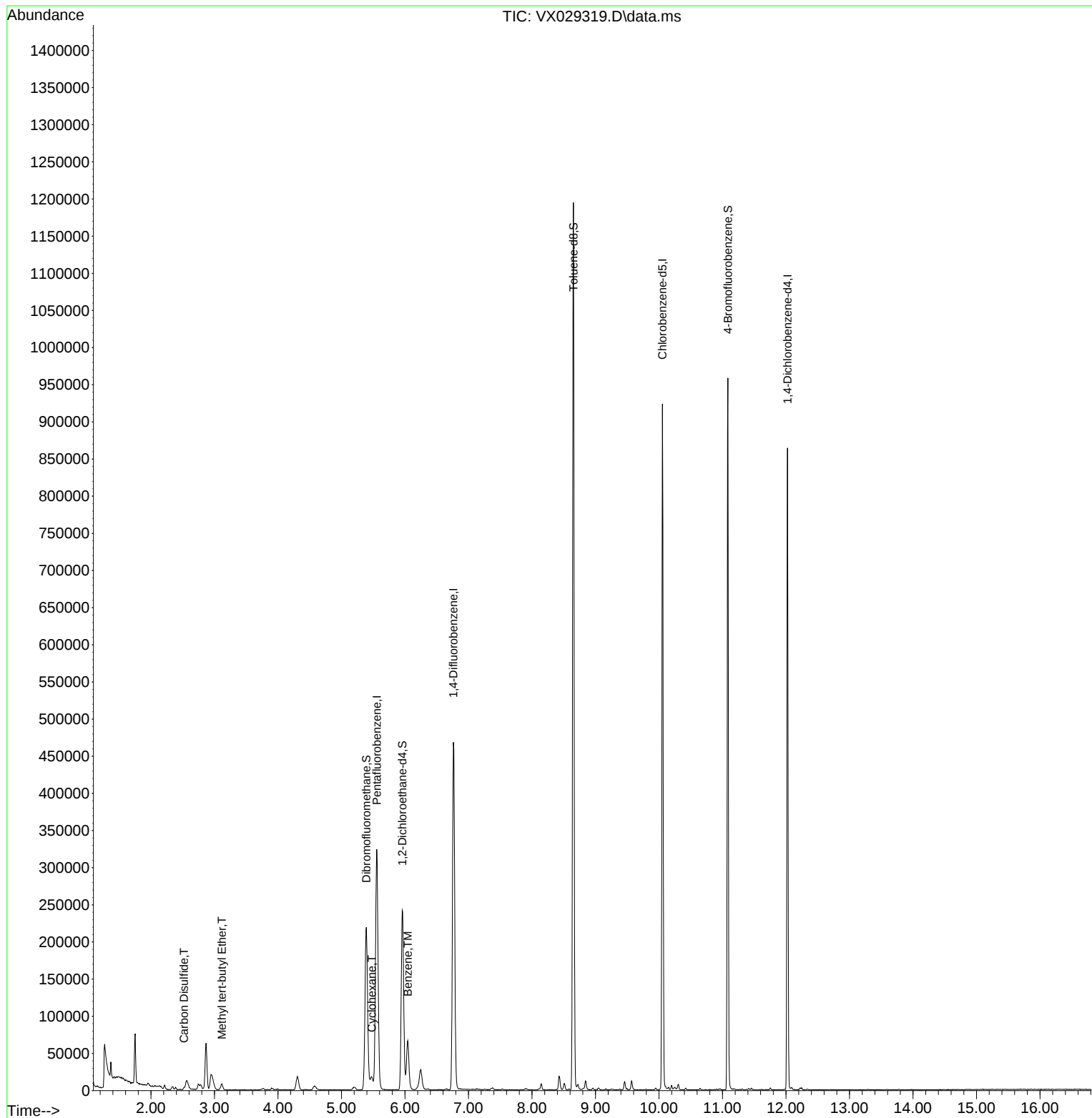
Internal Standards						
1) Pentafluorobenzene	5.556	168	295586	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	487974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	419785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	238741	53.171	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.340%
35) Dibromofluoromethane	5.391	113	193974	46.758	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.520%
50) Toluene-d8	8.653	98	721464	49.173	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.085	95	262445	45.709	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.420%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.520	76	4748	0.434	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	6724	0.438	ug/l #	81
31) Cyclohexane	5.476	56	11239	1.403	ug/l #	95
40) Benzene	6.043	78	82326	4.035	ug/l	94

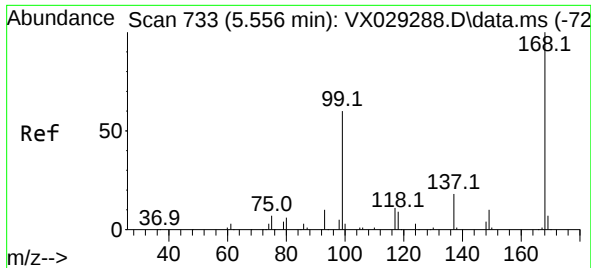
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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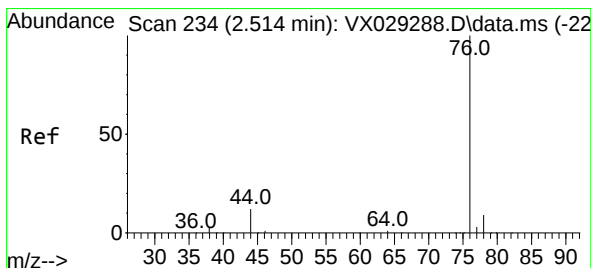
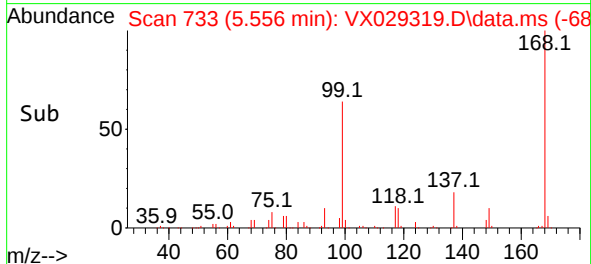
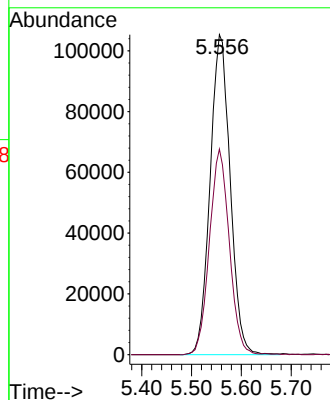
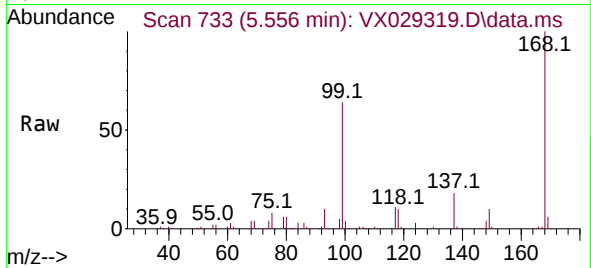




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

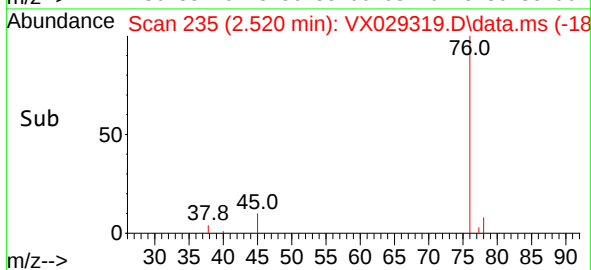
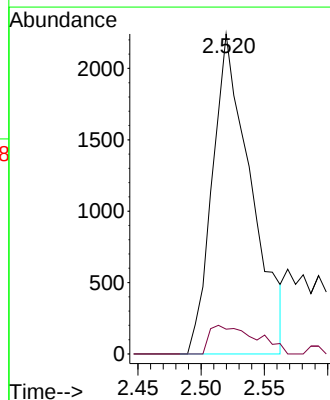
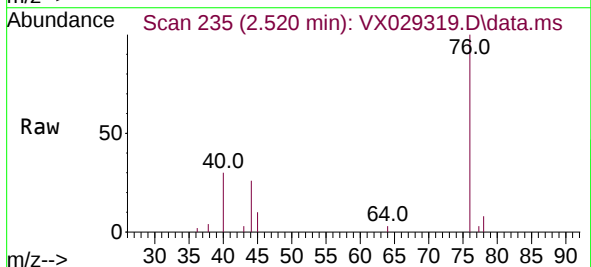
Instrument :
MSVOA_X
ClientSampleId :
MID0622

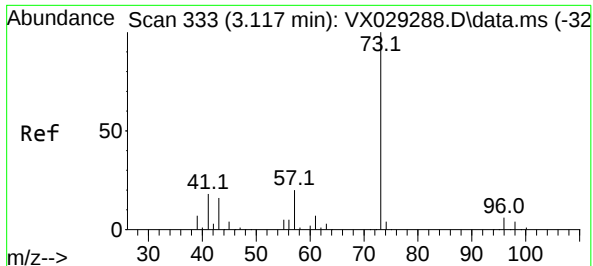
Tgt Ion:168 Resp: 295586
Ion Ratio Lower Upper
168 100
99 64.2 41.7 62.5#



#17
Carbon Disulfide
Concen: 0.434 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 76 Resp: 4748
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8





#19

Methyl tert-butyl Ether

Concen: 0.438 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX029319.D

Acq: 08 Jun 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

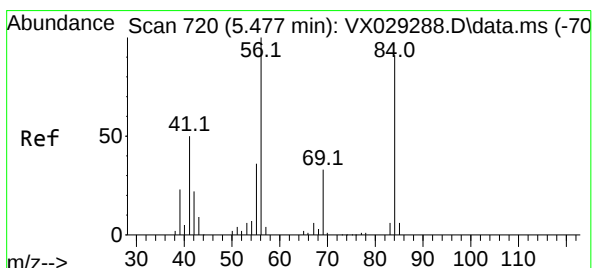
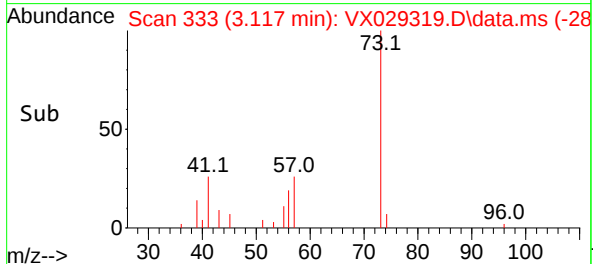
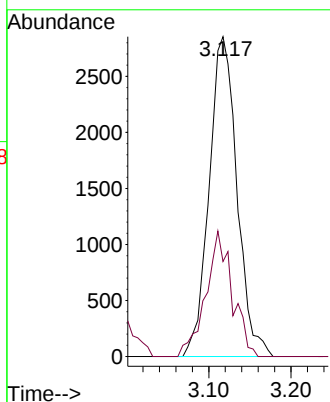
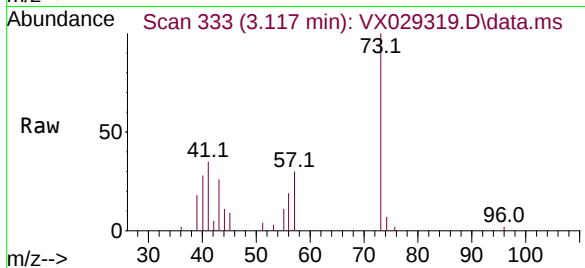
MID0622

Tgt Ion: 73 Resp: 6724

Ion Ratio Lower Upper

73 100

57 29.7 16.8 25.2#



#31

Cyclohexane

Concen: 1.403 ug/l

RT: 5.476 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX029319.D

Acq: 08 Jun 2022 14:27

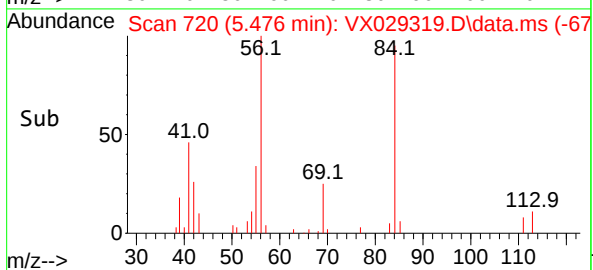
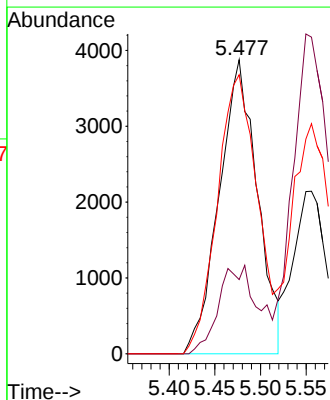
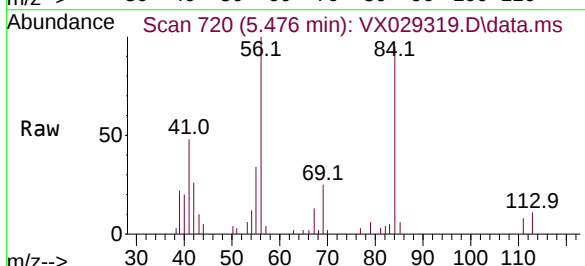
Tgt Ion: 56 Resp: 11239

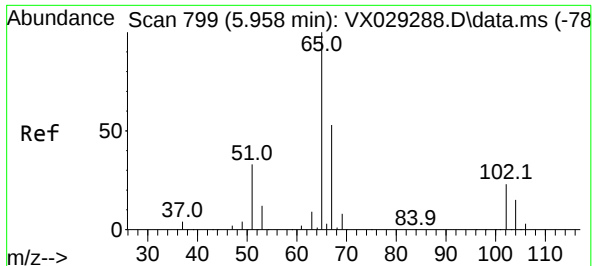
Ion Ratio Lower Upper

56 100

69 25.2 26.7 40.1#

84 94.9 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 53.171 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029319.D

Acq: 08 Jun 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

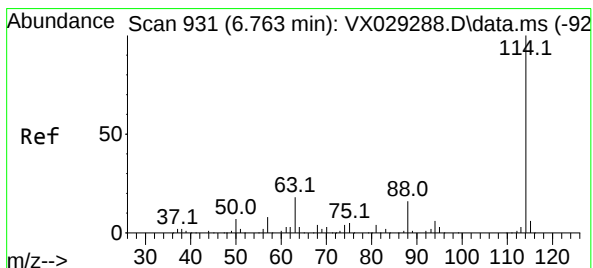
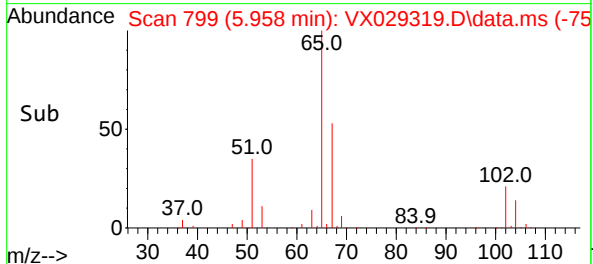
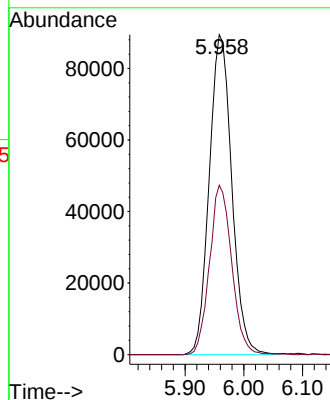
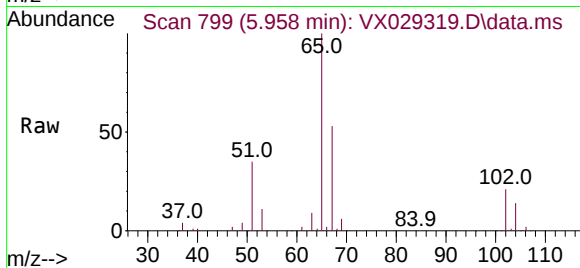
MID0622

Tgt Ion: 65 Resp: 238741

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029319.D

Acq: 08 Jun 2022 14:27

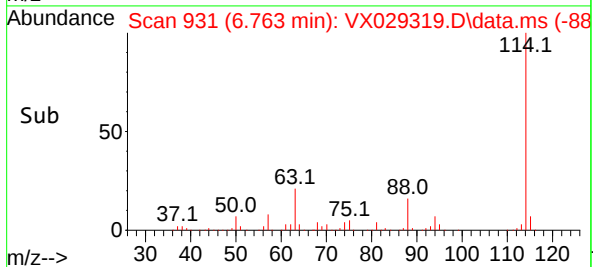
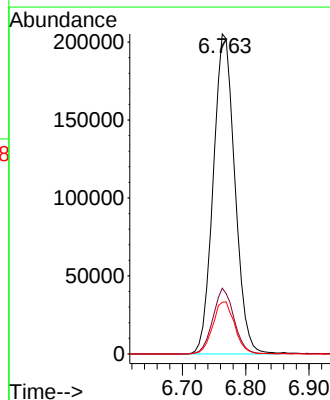
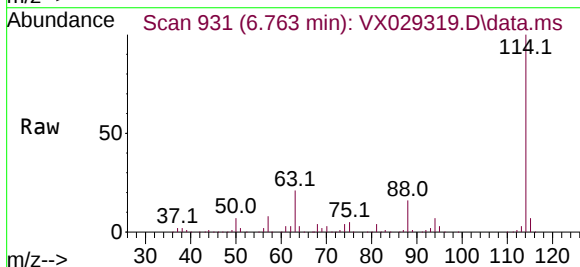
Tgt Ion: 114 Resp: 487974

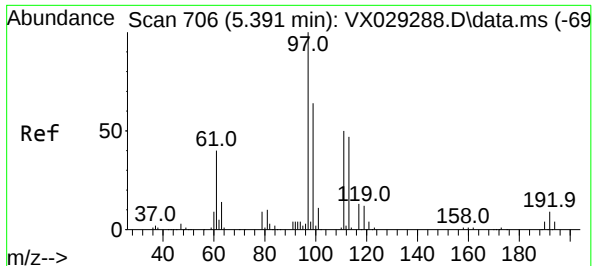
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.758 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029319.D

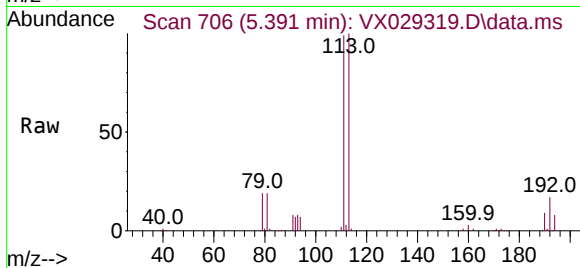
Acq: 08 Jun 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

MID0622



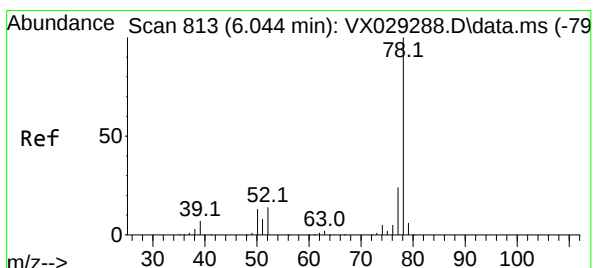
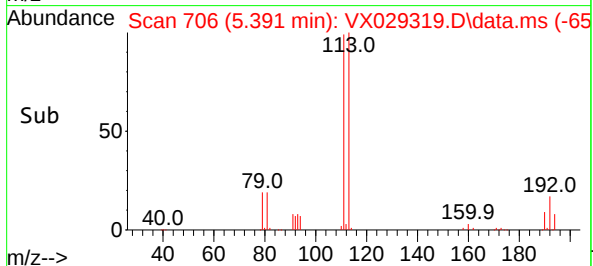
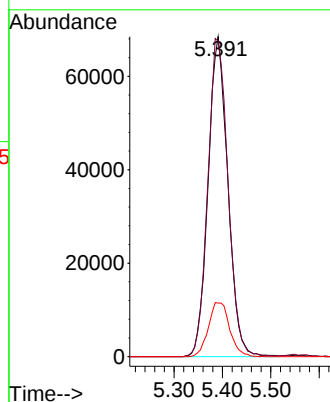
Tgt Ion:113 Resp: 193974

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 18.2 16.9 25.3



#40

Benzene

Concen: 4.035 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029319.D

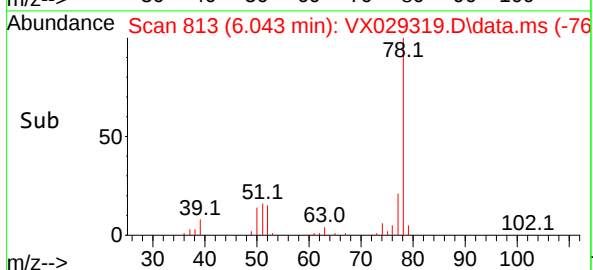
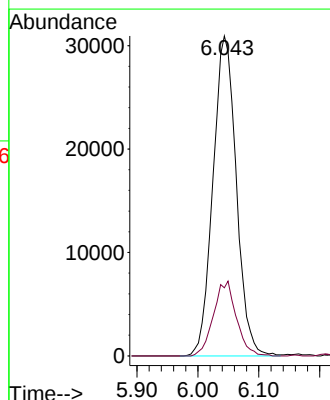
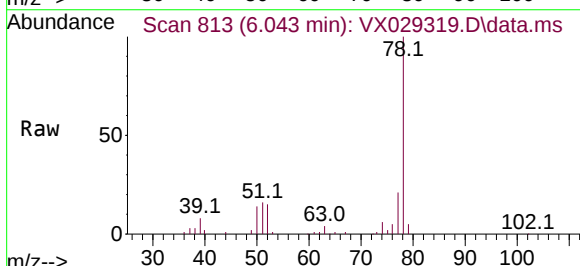
Acq: 08 Jun 2022 14:27

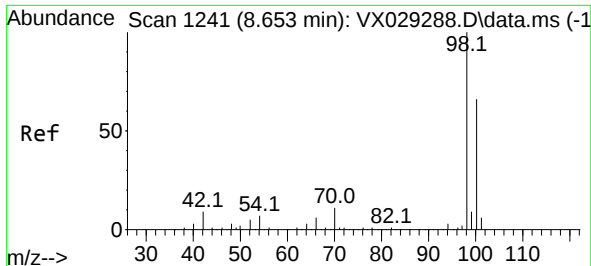
Tgt Ion: 78 Resp: 82326

Ion Ratio Lower Upper

78 100

77 21.3 19.3 28.9

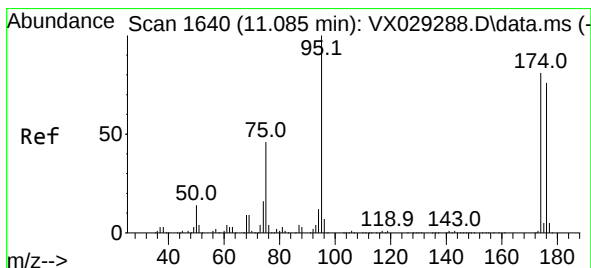
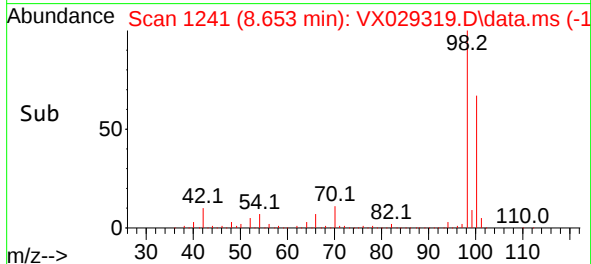
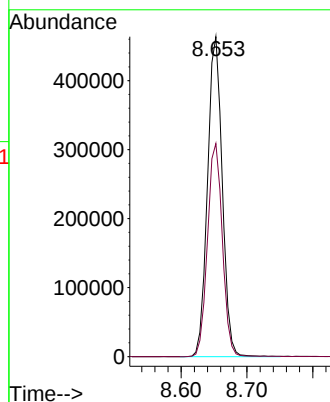
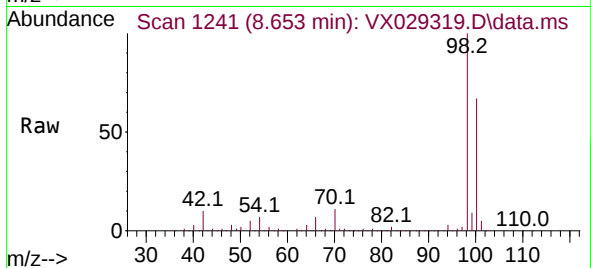




#50
Toluene-d8
Concen: 49.173 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

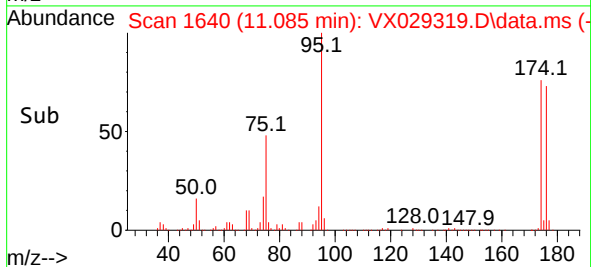
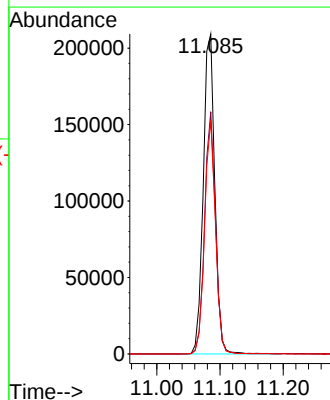
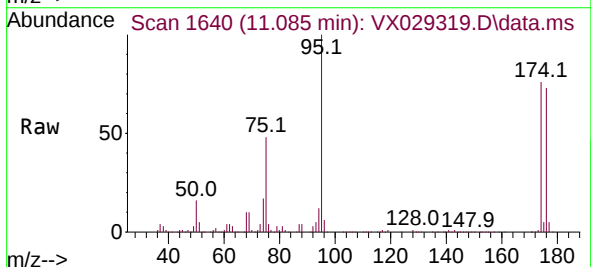
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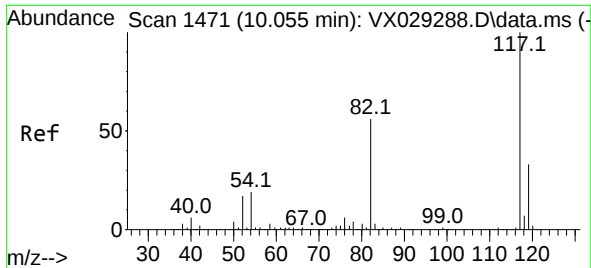
Tgt Ion: 98 Resp: 721464
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.709 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 95 Resp: 262445
Ion Ratio Lower Upper
95 100
174 71.8 0.0 163.0
176 68.9 0.0 155.0

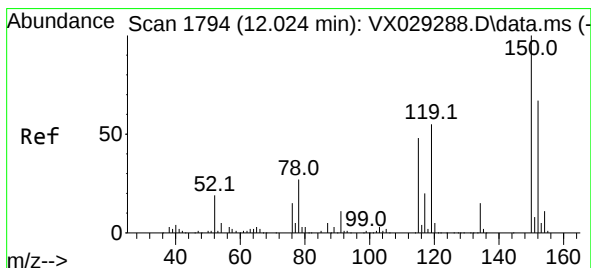
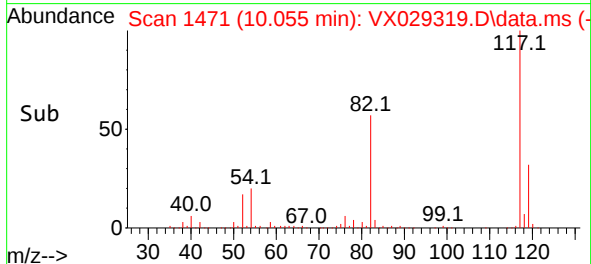
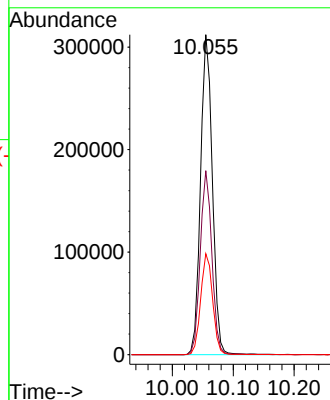
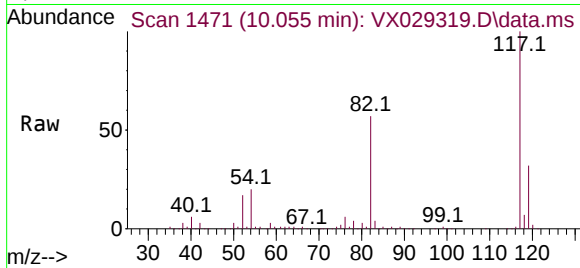




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
MID0622

Tgt Ion:117 Resp: 419785
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 31.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion:152 Resp: 171392
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 158.2 0.0 338.2

