

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044415.D
 Acq On : 19 Dec 2024 05:41
 Operator : JC/MD
 Sample : P5317-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Dec 19 06:41:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

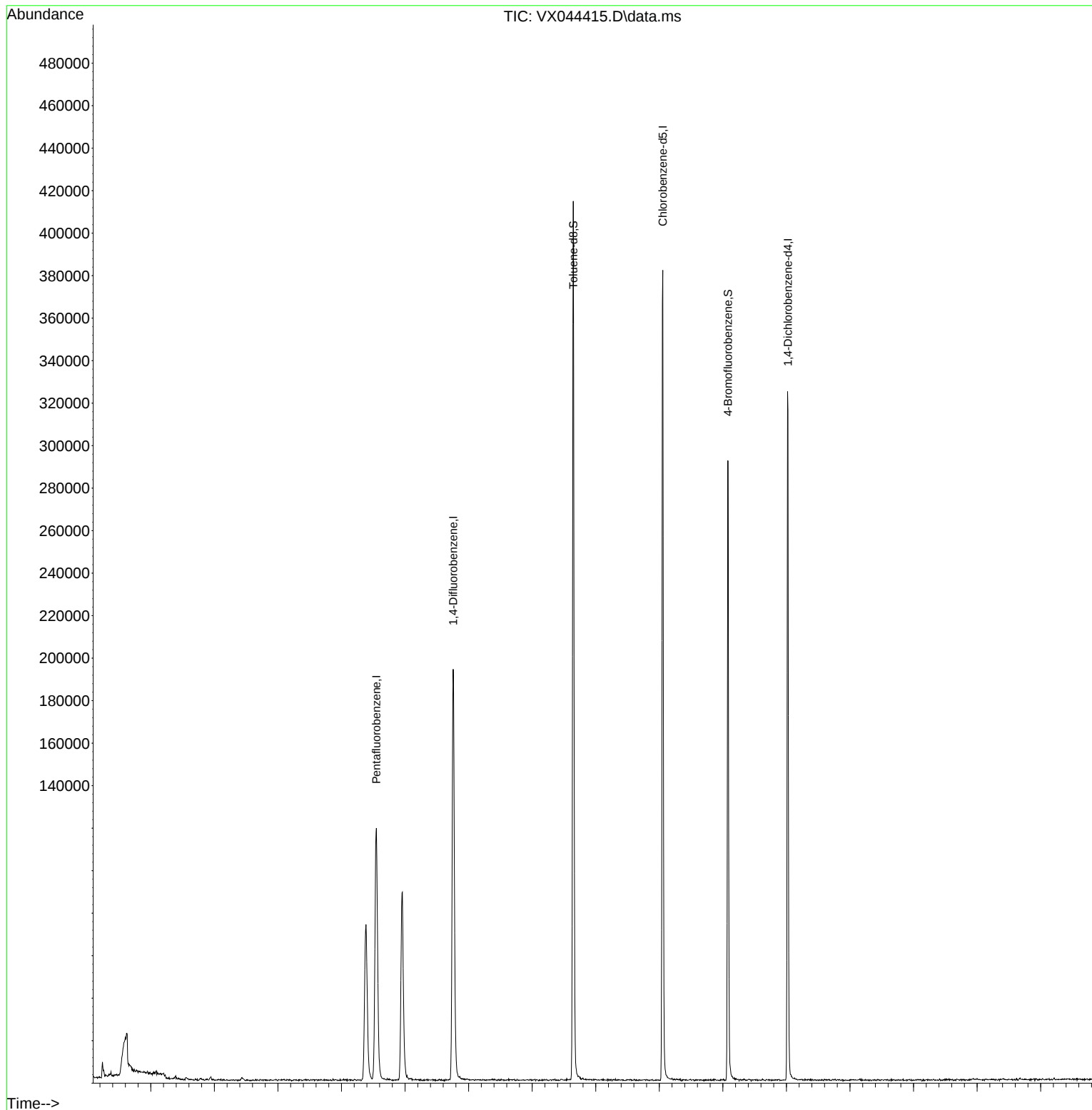
Internal Standards						
1) Pentafluorobenzene	5.550	168	109432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85281	44.447	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.900%
35) Dibromofluoromethane	5.385	113	63884	46.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	238815	51.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.000%
62) 4-Bromofluorobenzene	11.079	95	74913	46.235	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	599	0.370	ug/l	99
16) Acetone	2.392	43	948	1.212	ug/l	90
20) Methylene Chloride	2.788	84	463	0.315	ug/l #	78

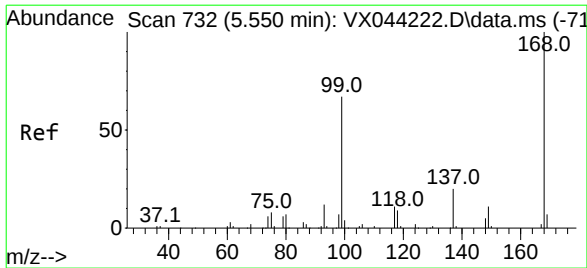
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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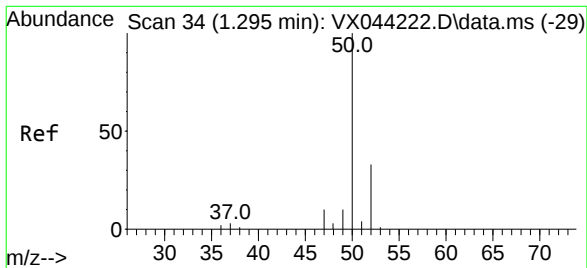
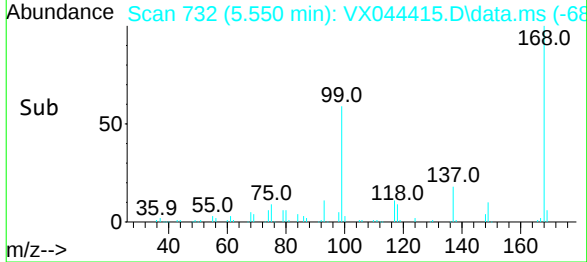
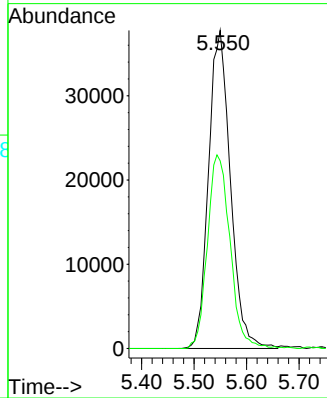
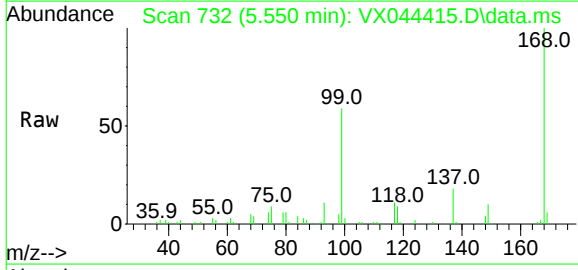




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044415.D
Acq: 19 Dec 2024 05:41

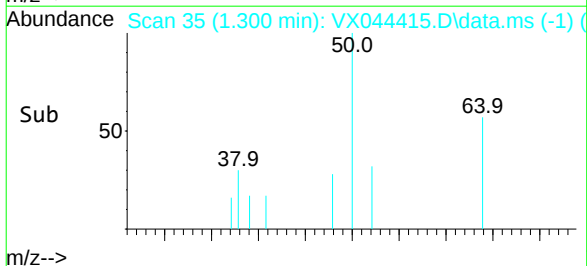
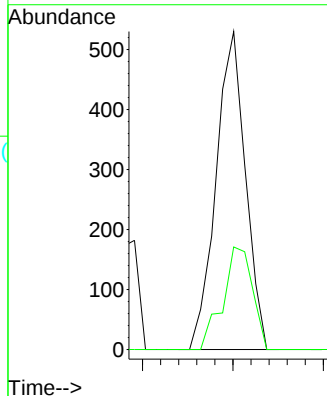
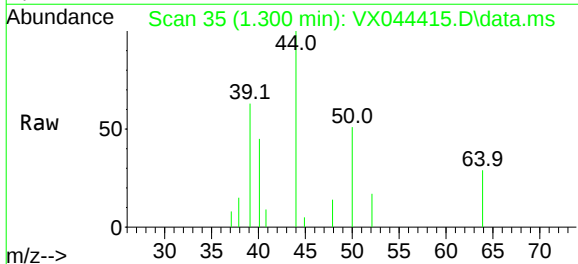
Instrument :
MSVOA_X
ClientSampleId :
TB

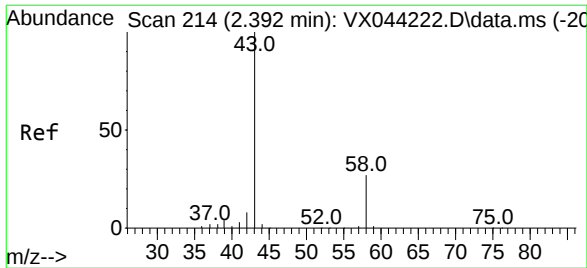
Tgt Ion:168 Resp: 109432
Ion Ratio Lower Upper
168 100
99 59.0 53.4 80.0



#3
Chloromethane
Concen: 0.370 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044415.D
Acq: 19 Dec 2024 05:41

Tgt Ion: 50 Resp: 599
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7





#16

Acetone

Concen: 1.212 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX044415.D

Acq: 19 Dec 2024 05:41

Instrument :

MSVOA_X

ClientSampleId :

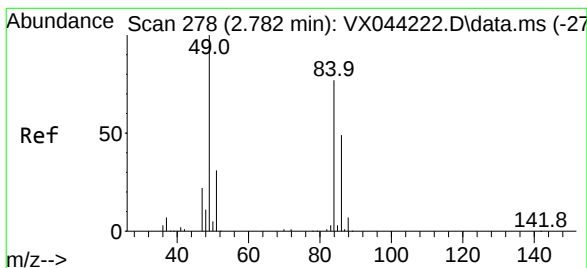
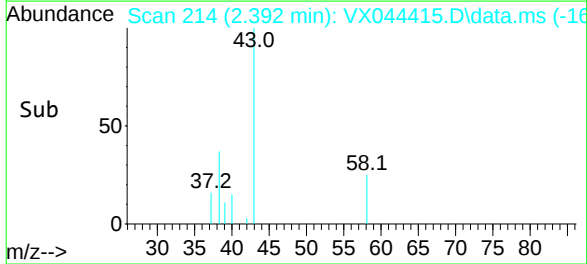
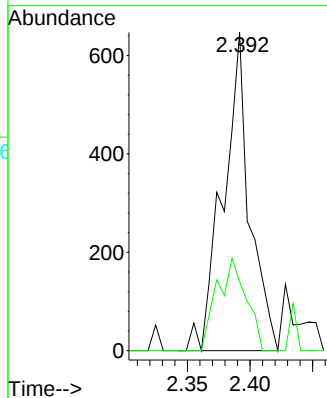
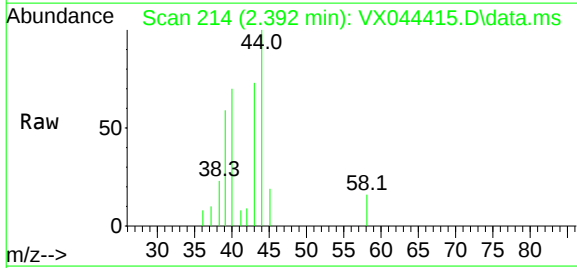
TB

Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

58 21.6 21.6 32.4



#20

Methylene Chloride

Concen: 0.315 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX044415.D

Acq: 19 Dec 2024 05:41

Tgt Ion: 84 Resp: 463

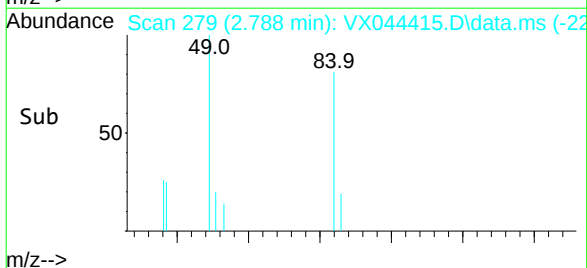
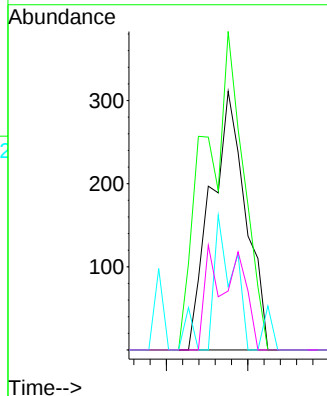
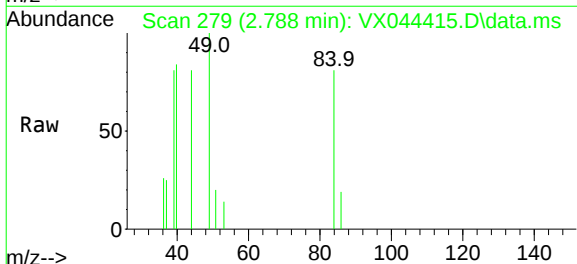
Ion Ratio Lower Upper

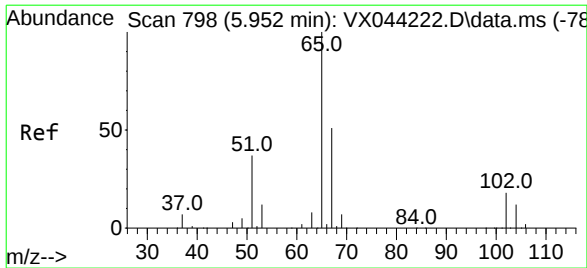
84 100

49 123.2 104.2 156.4

51 24.4 32.2 48.4#

86 22.8 50.9 76.3#

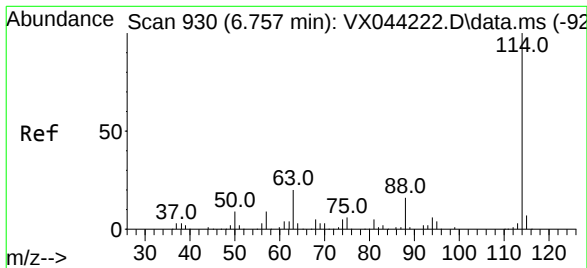
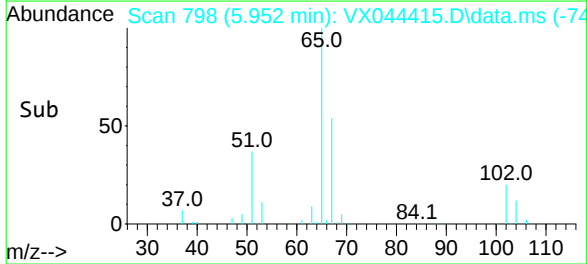
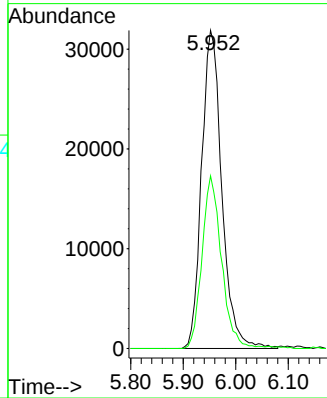
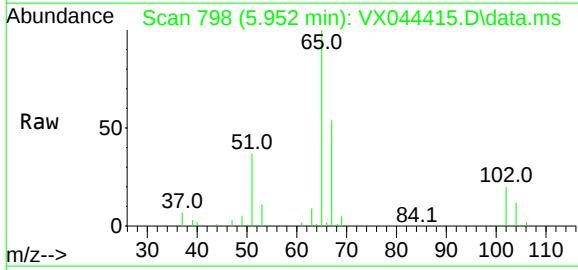




#33
1,2-Dichloroethane-d4
Concen: 44.447 ug/l
RT: 5.952 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044415.D
Acq: 19 Dec 2024 05:41

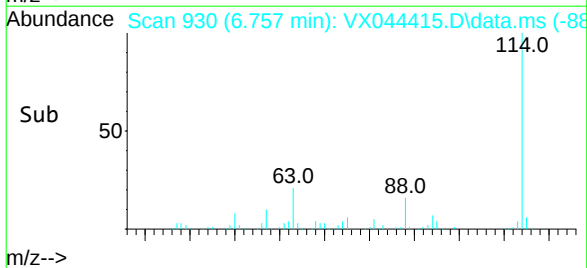
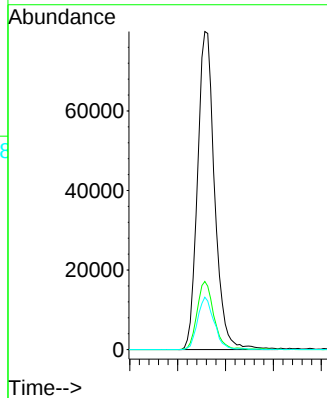
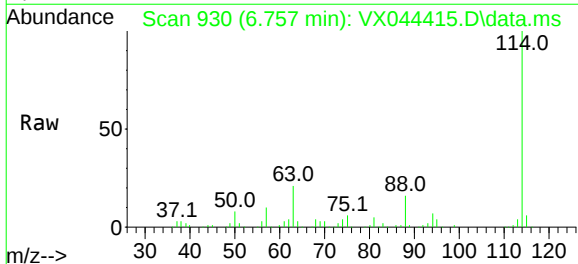
Instrument :
MSVOA_X
ClientSampleId :
TB

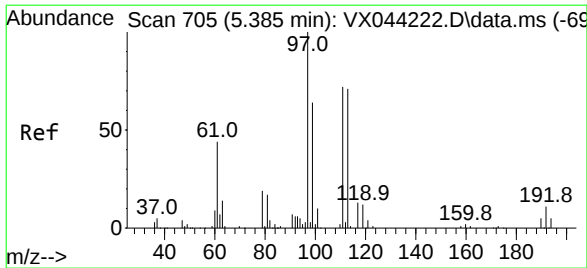
Tgt Ion: 65 Resp: 85281
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044415.D
Acq: 19 Dec 2024 05:41

Tgt Ion: 114 Resp: 198449
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.6
88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.480 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044415.D

Acq: 19 Dec 2024 05:41

Instrument :

MSVOA_X

ClientSampleId :

TB

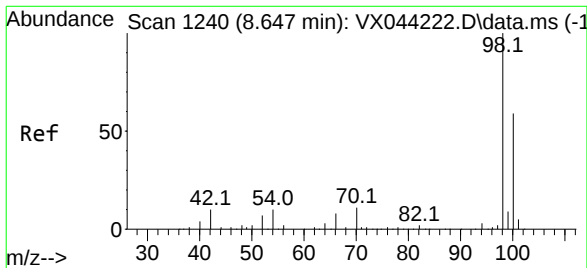
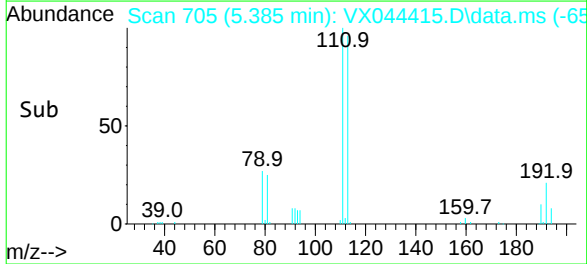
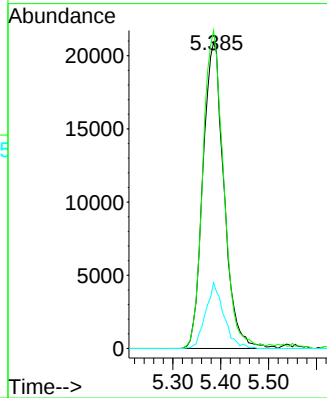
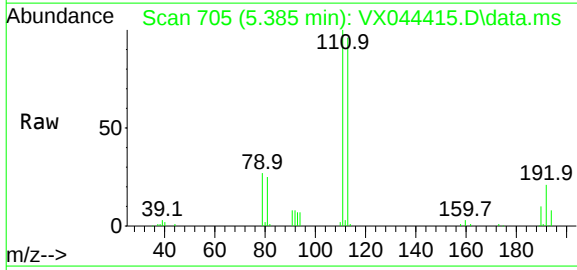
Tgt Ion:113 Resp: 63884

Ion Ratio Lower Upper

113 100

111 102.5 80.4 120.6

192 18.6 13.3 19.9



#50

Toluene-d8

Concen: 51.502 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044415.D

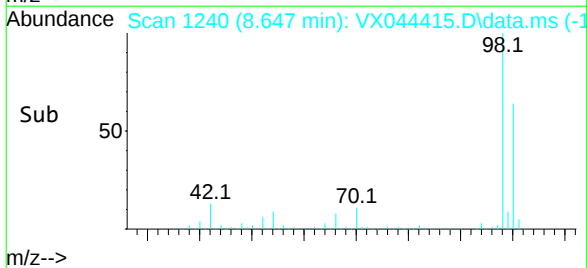
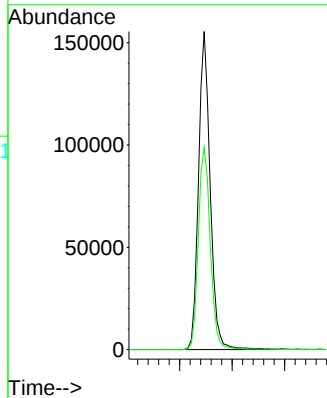
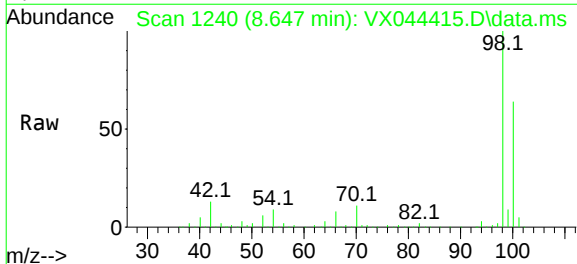
Acq: 19 Dec 2024 05:41

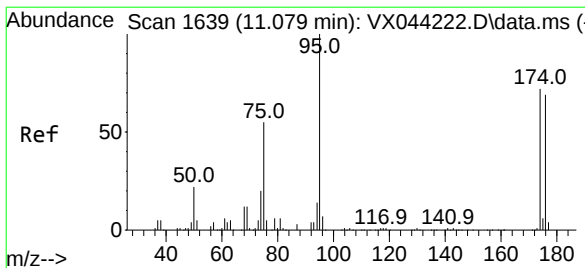
Tgt Ion: 98 Resp: 238815

Ion Ratio Lower Upper

98 100

100 65.3 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.235 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044415.D

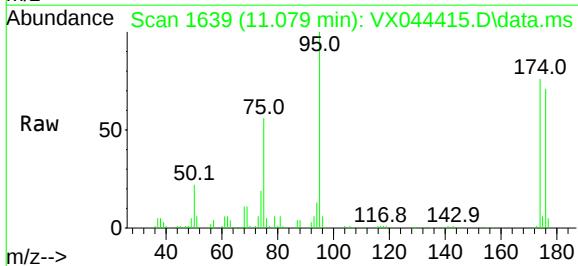
Acq: 19 Dec 2024 05:41

Instrument :

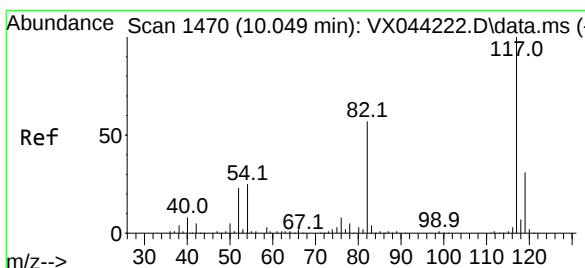
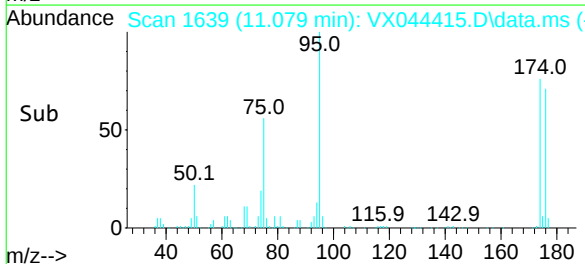
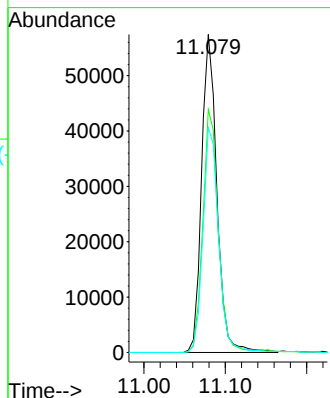
MSVOA_X

ClientSampleId :

TB



Tgt Ion:	95	Resp:	74913
Ion Ratio	Lower	Upper	
95	100		
174	77.0	0.0	145.8
176	72.3	0.0	137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

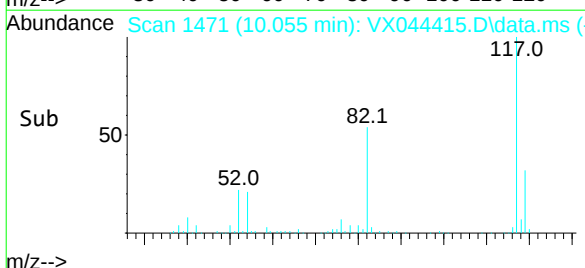
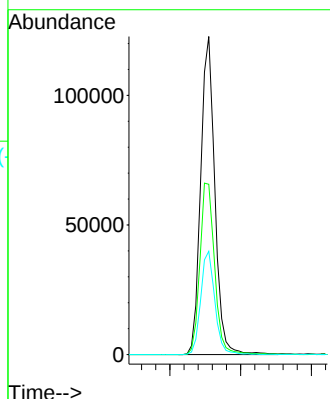
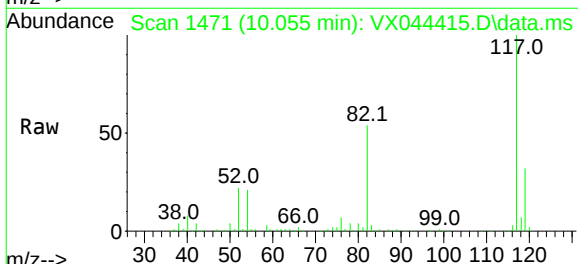
RT: 10.055 min Scan# 1471

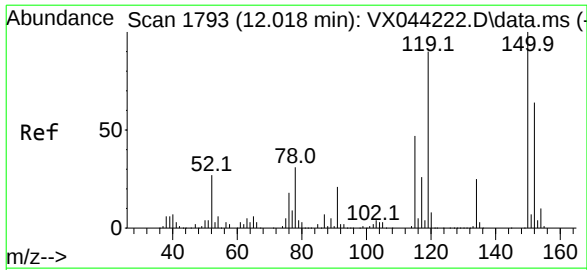
Delta R.T. 0.006 min

Lab File: VX044415.D

Acq: 19 Dec 2024 05:41

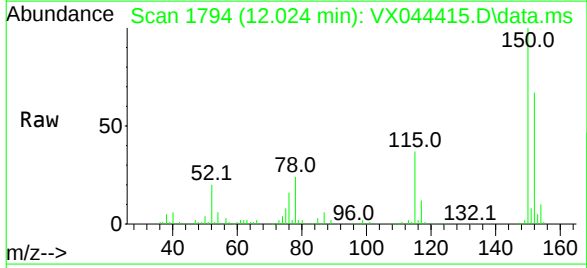
Tgt Ion:	117	Resp:	170843
Ion Ratio	Lower	Upper	
117	100		
82	53.6	45.8	68.8
119	32.5	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VX044415.D
 Acq: 19 Dec 2024 05:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TB



Tgt Ion:152 Resp: 68420
 Ion Ratio Lower Upper
 152 100
 115 59.7 44.5 133.3
 150 154.5 0.0 353.8

