

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040767.D
 Acq On : 22 Mar 2024 00:38
 Operator : JC/MD
 Sample : P1803-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRENCH-PIT

Quant Time: Mar 22 03:05:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:41:46 2024
 Response via : Initial Calibration

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

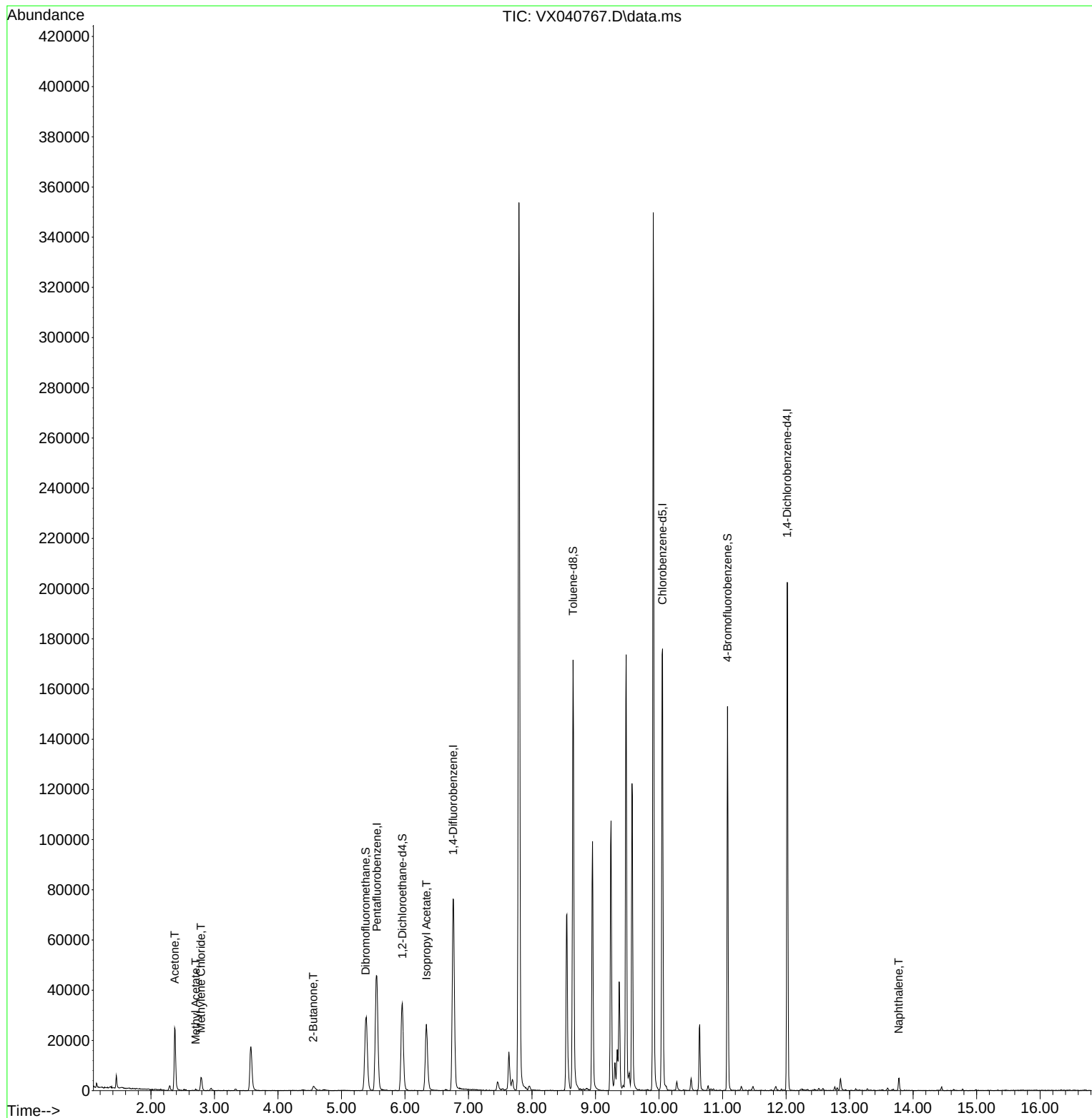
Internal Standards						
1) Pentafluorobenzene	5.556	168	41905	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	74944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35091	49.802	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.600%
35) Dibromofluoromethane	5.379	113	24964	44.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.040%
50) Toluene-d8	8.647	98	96332	50.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.340%
62) 4-Bromofluorobenzene	11.079	95	35241	46.454	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.900%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	27251	109.189	ug/l	98
18) Methyl Acetate	2.703	43	705	1.054	ug/l #	61
20) Methylene Chloride	2.788	84	2480	4.546	ug/l #	92
25) 2-Butanone	4.556	43	2926	7.485	ug/l	99
43) Isopropyl Acetate	6.336	43	36992	25.125	ug/l	97
95) Naphthalene	13.774	128	3338	1.168	ug/l	98

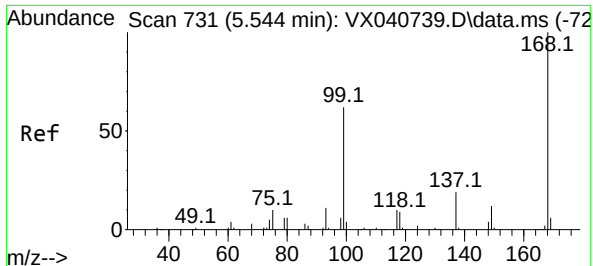
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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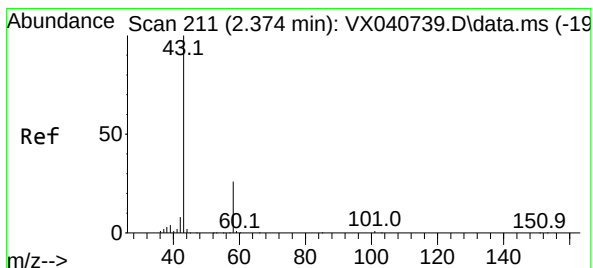
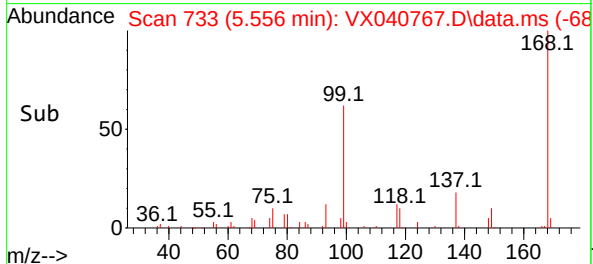
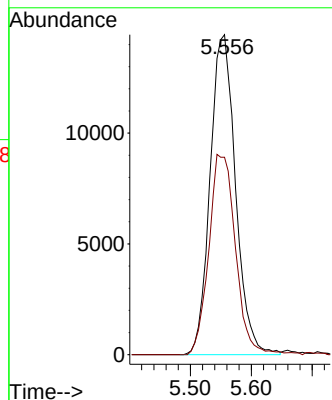
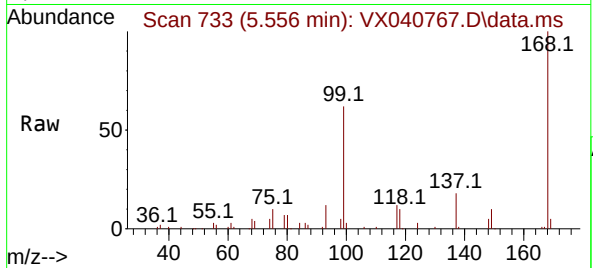




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

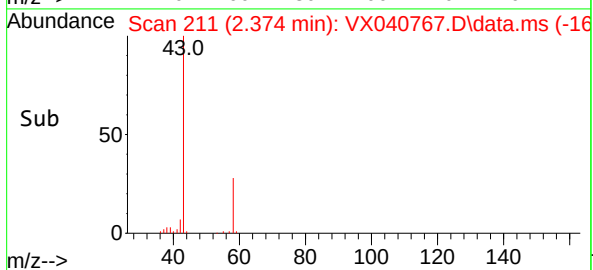
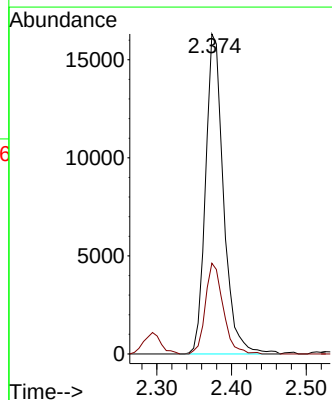
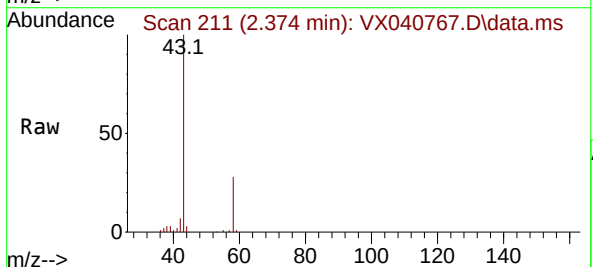
Instrument :
MSVOA_X
ClientSampleId :
TRENCH-PIT

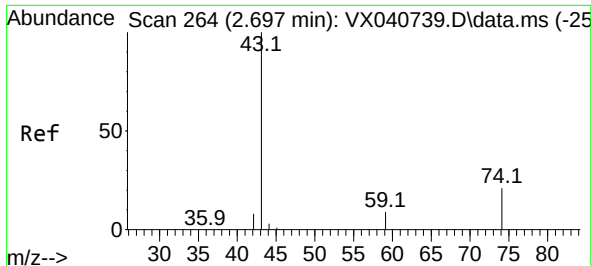
Tgt Ion:168 Resp: 41905
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#16
Acetone
Concen: 109.189 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

Tgt Ion: 43 Resp: 27251
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9

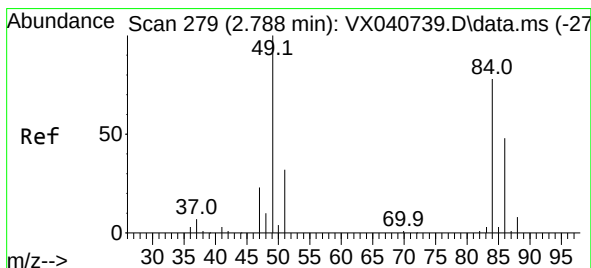
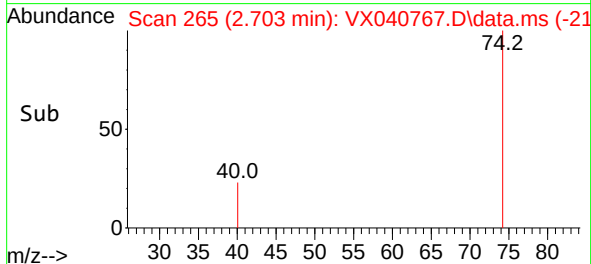
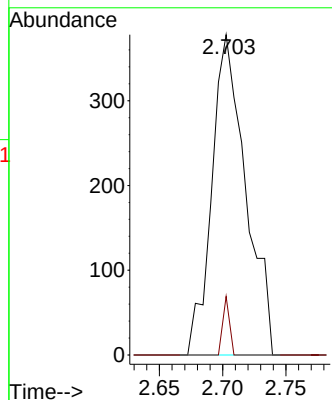
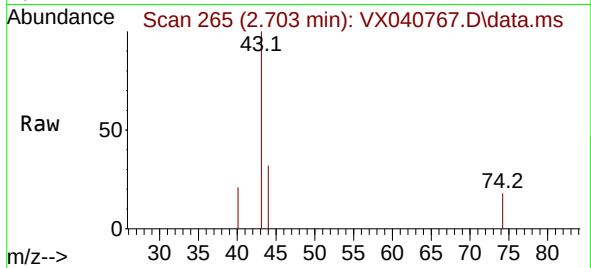




#18
Methyl Acetate
Concen: 1.054 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

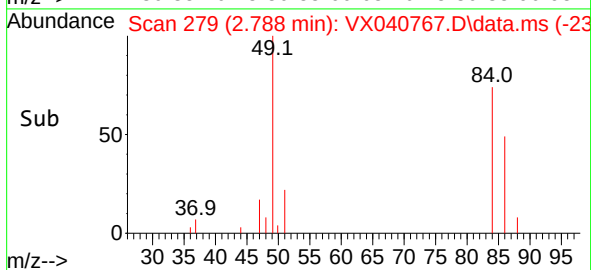
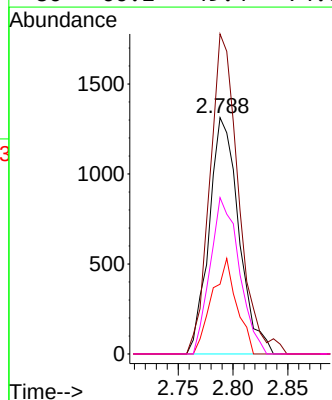
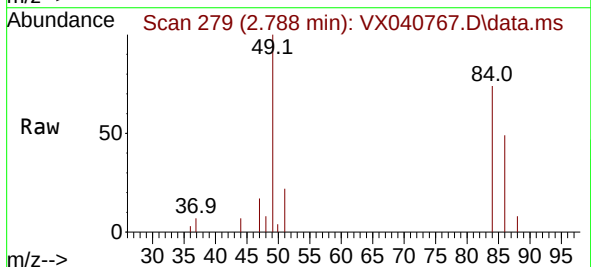
Instrument :
MSVOA_X
ClientSampleId :
TRENCH-PIT

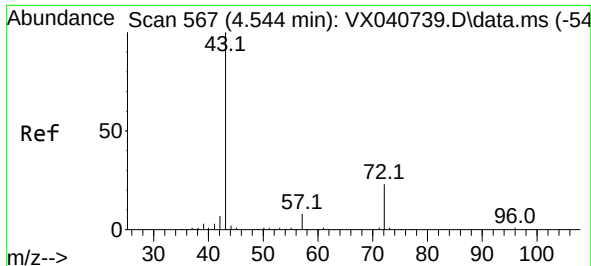
Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
74 3.5 17.8 26.8#



#20
Methylene Chloride
Concen: 4.546 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

Tgt Ion: 84 Resp: 2480
Ion Ratio Lower Upper
84 100
49 135.4 103.6 155.4
51 29.6 33.8 50.6#
86 66.2 49.4 74.0





#25

2-Butanone

Concen: 7.485 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX040767.D

Acq: 22 Mar 2024 00:38

Instrument :

MSVOA_X

ClientSampleId :

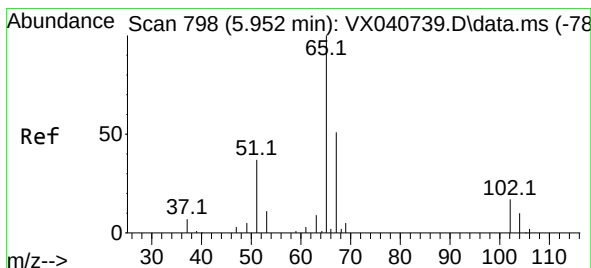
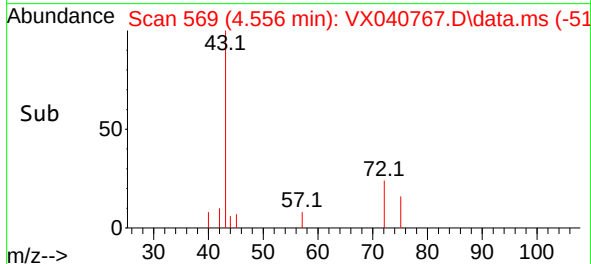
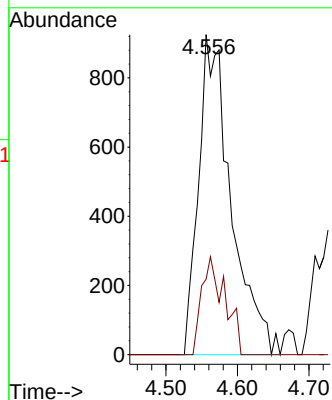
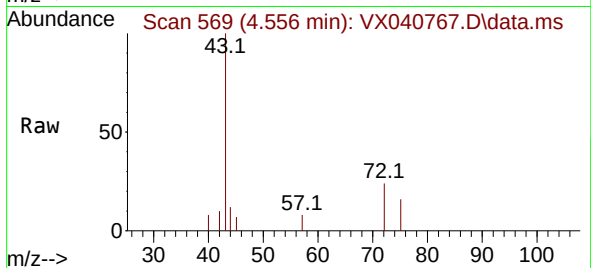
TRENCH-PIT

Tgt Ion: 43 Resp: 2926

Ion Ratio Lower Upper

43 100

72 23.6 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 49.802 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX040767.D

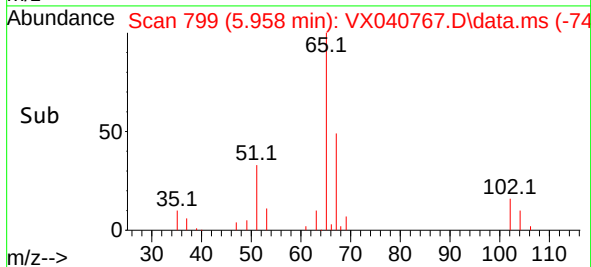
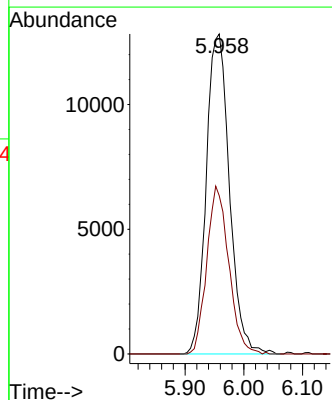
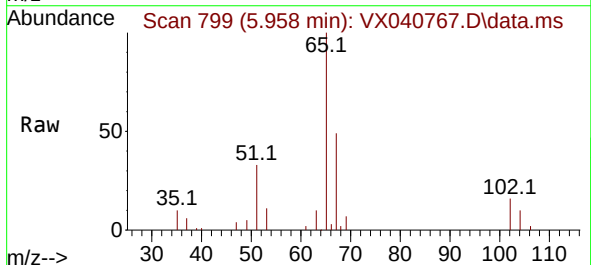
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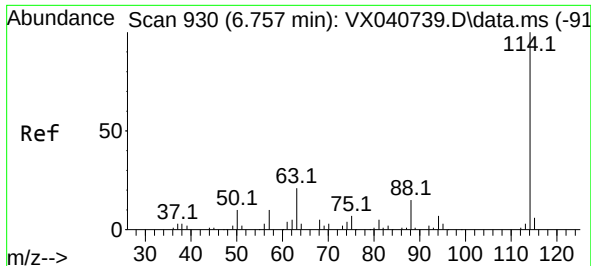
Tgt Ion: 65 Resp: 35091

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.2

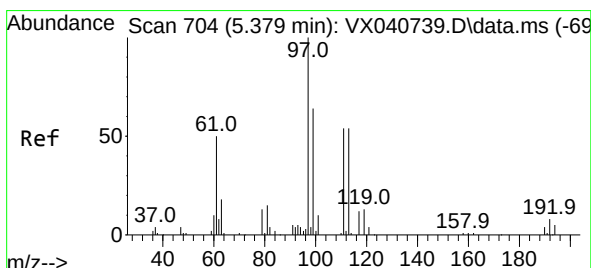
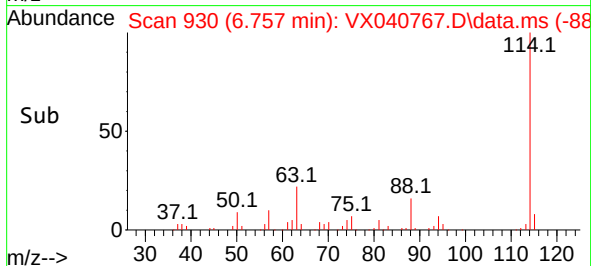
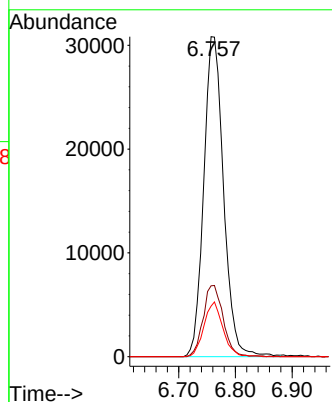
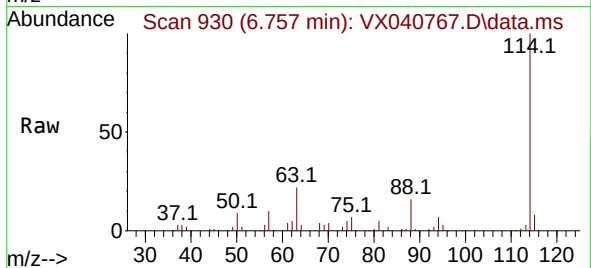




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

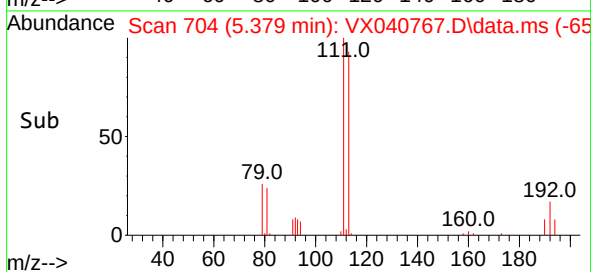
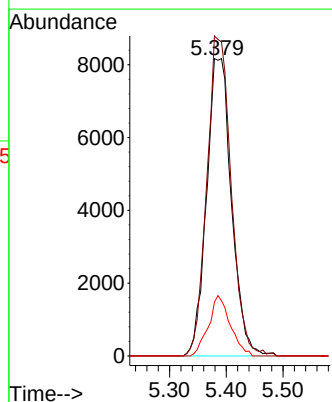
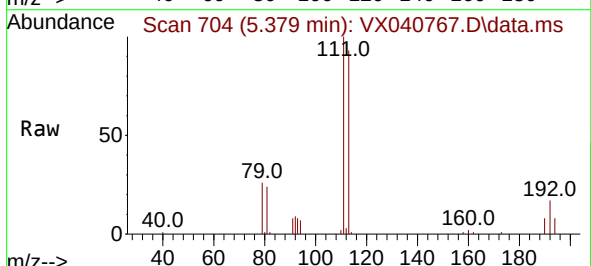
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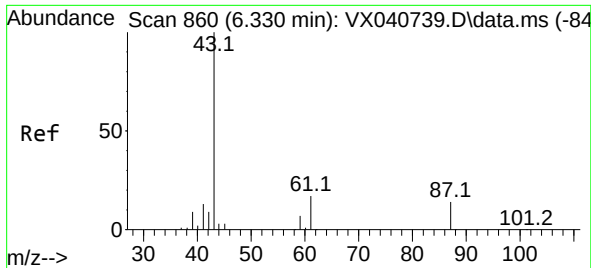
Tgt Ion:114 Resp: 74944
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.517 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

Tgt Ion:113 Resp: 24964
Ion Ratio Lower Upper
113 100
111 105.2 82.9 124.3
192 17.7 13.3 19.9

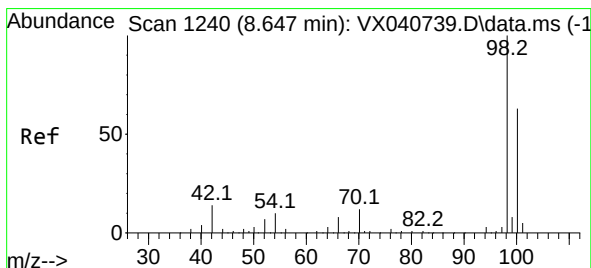
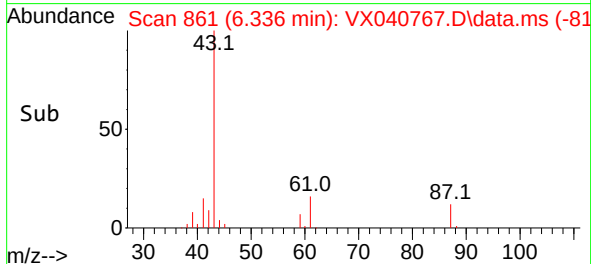
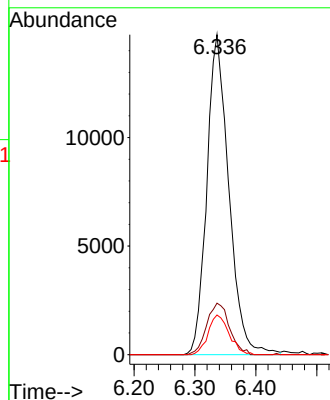
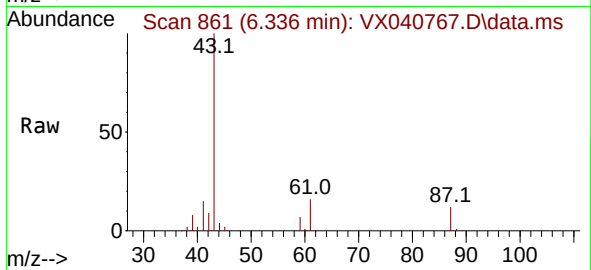




#43
Isopropyl Acetate
Concen: 25.125 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

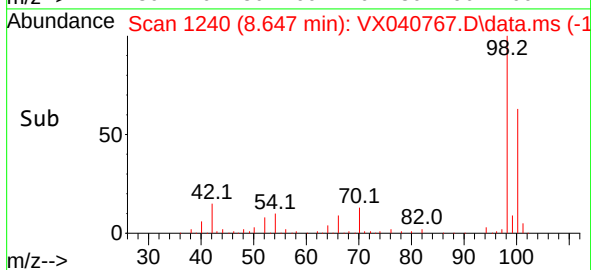
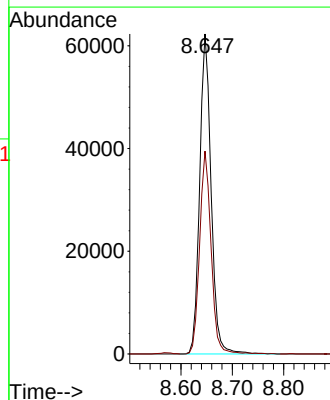
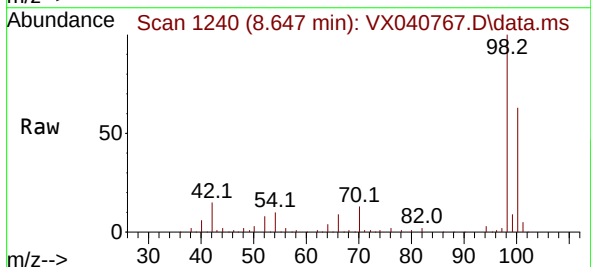
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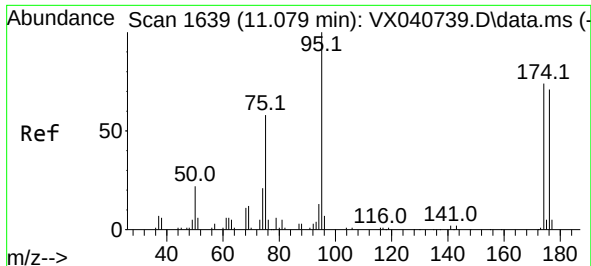
Tgt Ion: 43 Resp: 36992
Ion Ratio Lower Upper
43 100
61 16.7 15.2 22.8
87 11.8 9.8 14.6



#50
Toluene-d8
Concen: 50.169 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

Tgt Ion: 98 Resp: 96332
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

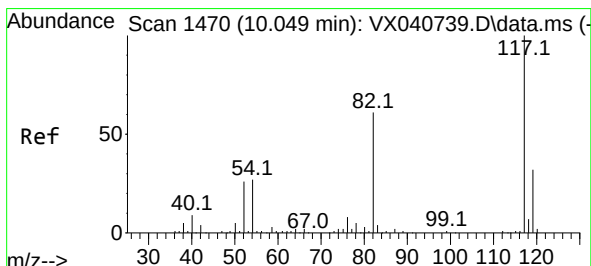
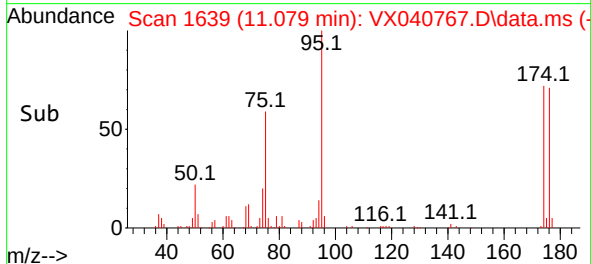
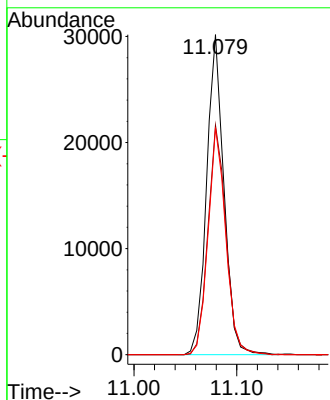
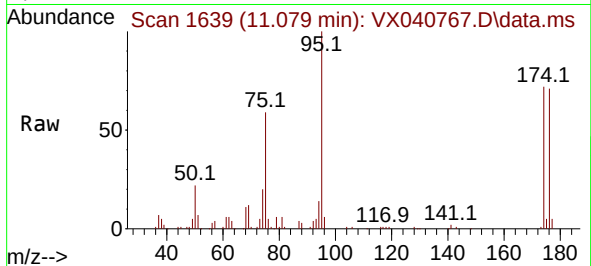




#62
4-Bromofluorobenzene
Concen: 46.454 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

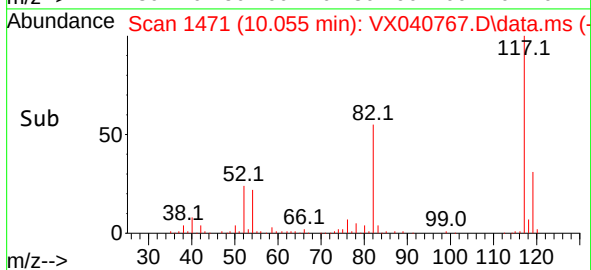
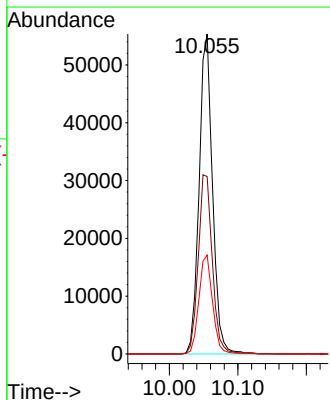
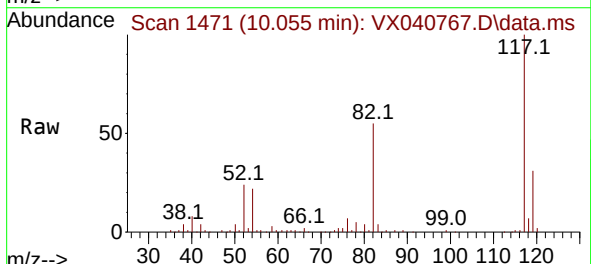
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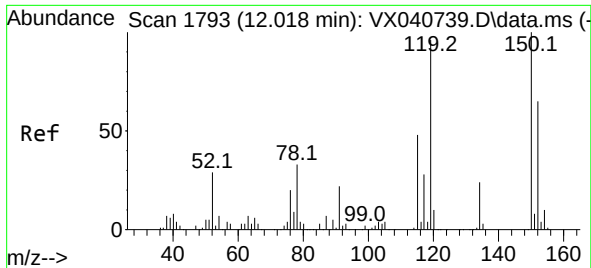
Tgt Ion: 95 Resp: 35241
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 72.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX040767.D
Acq: 22 Mar 2024 00:38

Tgt Ion: 117 Resp: 75416
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 30.9 25.5 38.3

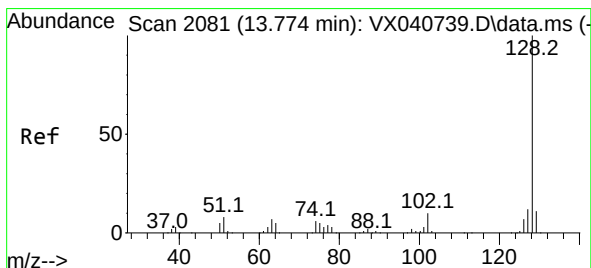
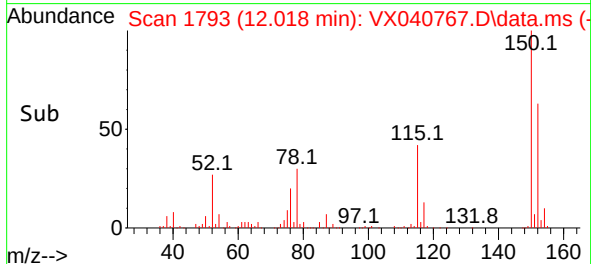
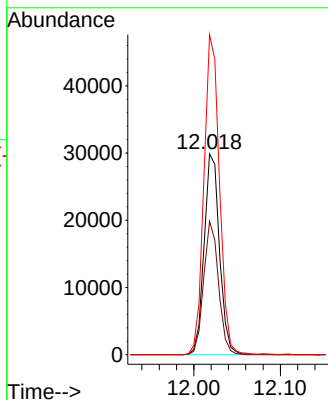
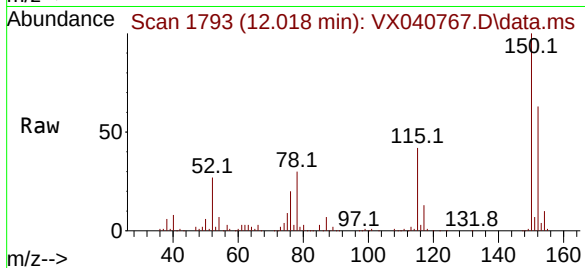




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040767.D
 Acq: 22 Mar 2024 00:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TRENCH-PIT

Tgt Ion:152 Resp: 36895
 Ion Ratio Lower Upper
 152 100
 115 63.9 43.3 129.9
 150 160.3 0.0 345.0



#95
 Naphthalene
 Concen: 1.168 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX040767.D
 Acq: 22 Mar 2024 00:38

Tgt Ion:128 Resp: 3338
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 9.6 8.8 13.2

