

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039962.D
 Acq On : 25 Jan 2024 18:21
 Operator : JC/MD
 Sample : PB158617TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158617TB

Quant Time: Jan 26 01:38:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

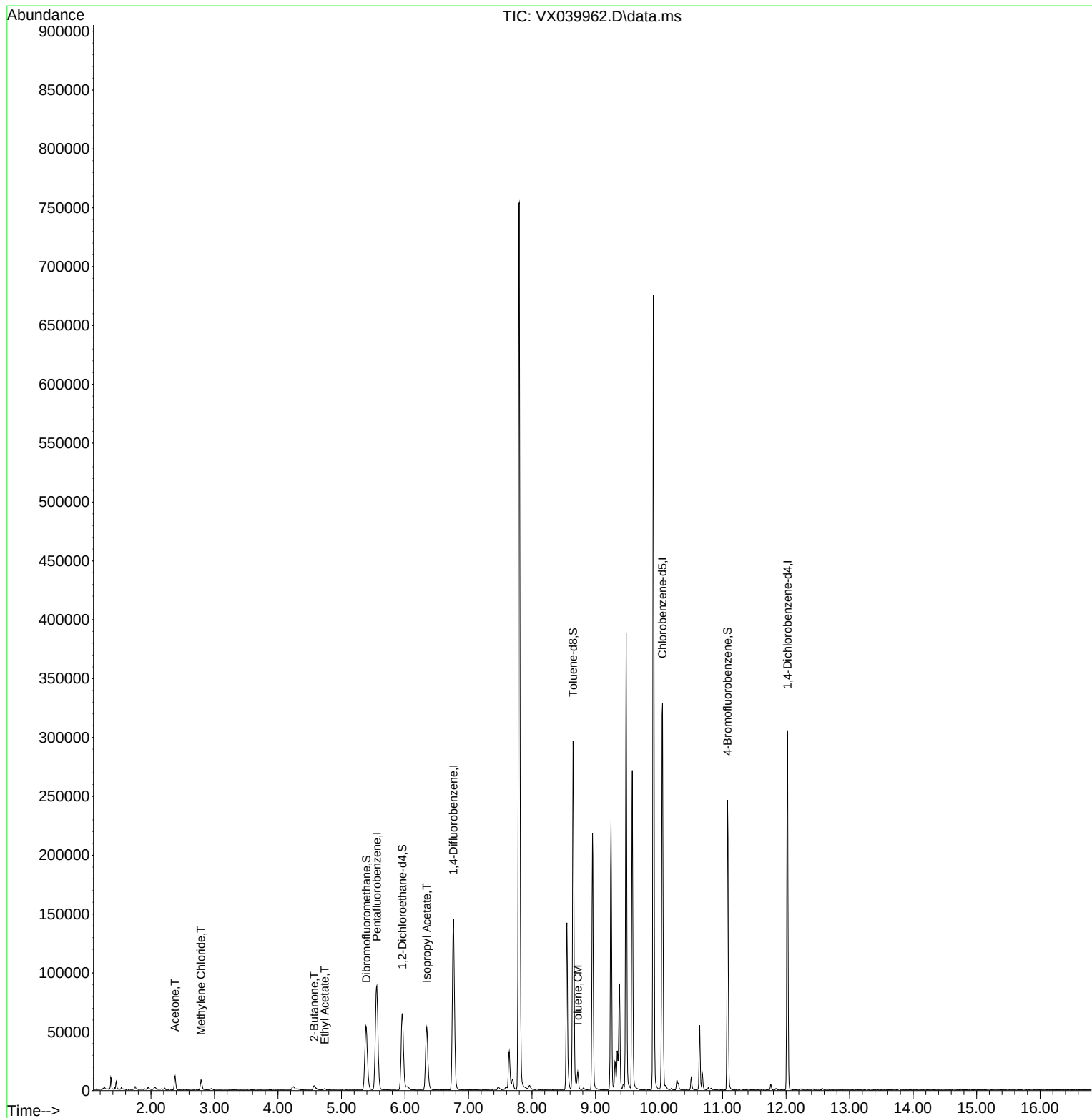
Internal Standards						
1) Pentafluorobenzene	5.556	168	79416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63003	47.359	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.391	113	47294	49.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.600%
50) Toluene-d8	8.647	98	170333	47.078	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.160%
62) 4-Bromofluorobenzene	11.079	95	66443	46.961	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.920%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	12188	16.290	ug/l #	86
20) Methylene Chloride	2.788	84	3941	3.482	ug/l	96
25) 2-Butanone	4.568	43	6743	6.272	ug/l	95
37) Ethyl Acetate	4.733	43	2531	1.271	ug/l #	80
43) Isopropyl Acetate	6.342	43	74709	25.566	ug/l	99
52) Toluene	8.720	92	5087	2.014	ug/l	91

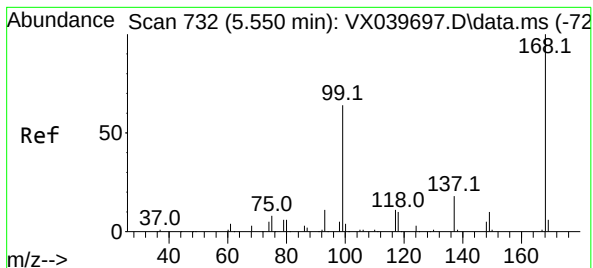
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX039962.D

Acq: 25 Jan 2024 18:21

Instrument :

MSVOA_X

ClientSampleId :

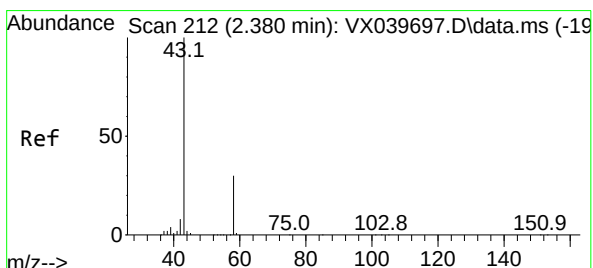
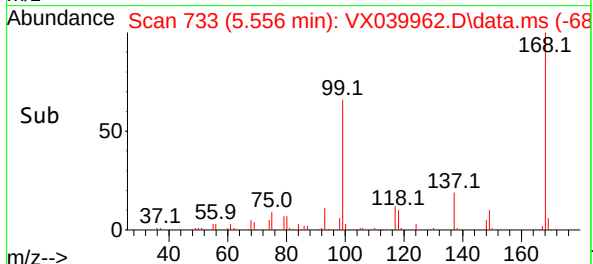
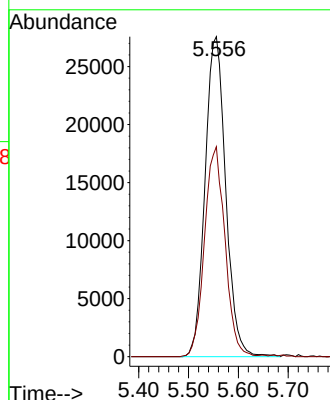
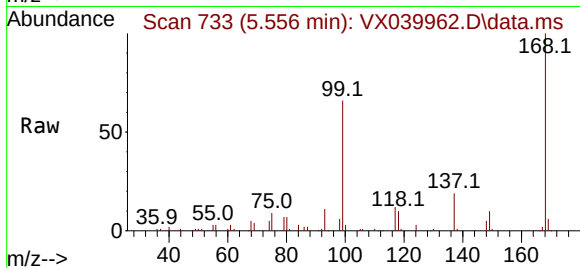
PB158617TB

Tgt Ion:168 Resp: 79416

Ion Ratio Lower Upper

168 100

99 65.6 56.6 85.0



#16

Acetone

Concen: 16.290 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX039962.D

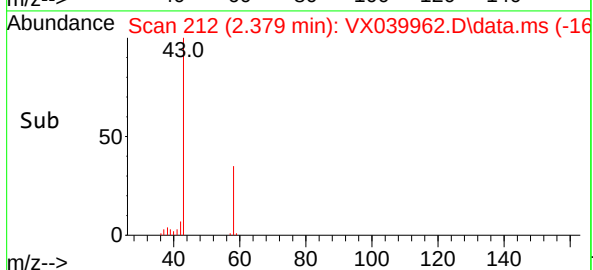
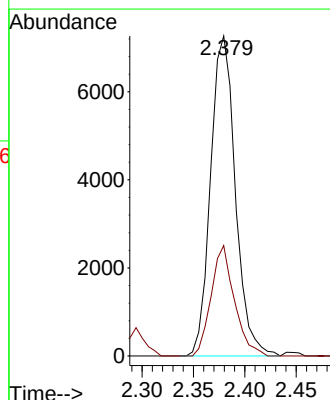
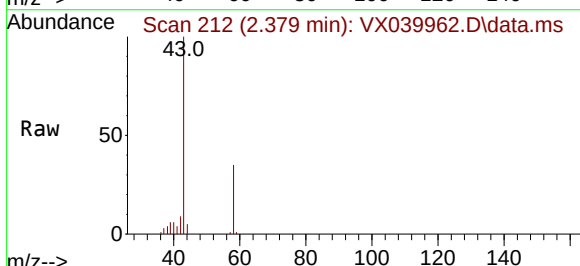
Acq: 25 Jan 2024 18:21

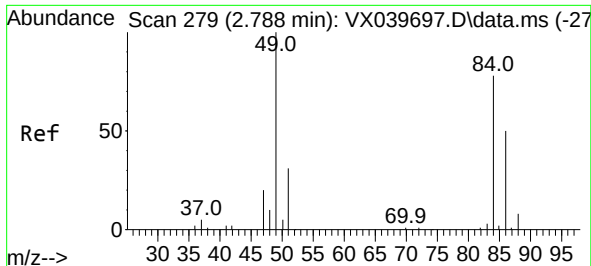
Tgt Ion: 43 Resp: 12188

Ion Ratio Lower Upper

43 100

58 34.5 21.9 32.9#





#20

Methylene Chloride

Concen: 3.482 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039962.D

Acq: 25 Jan 2024 18:21

Instrument :

MSVOA_X

ClientSampleId :

PB158617TB

Tgt Ion: 84 Resp: 3941

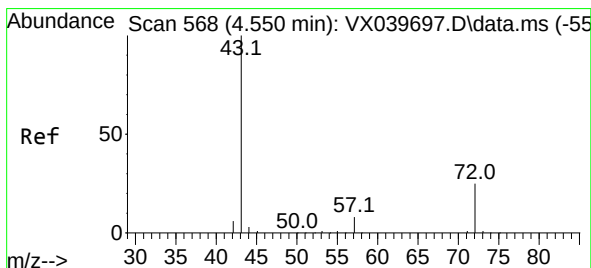
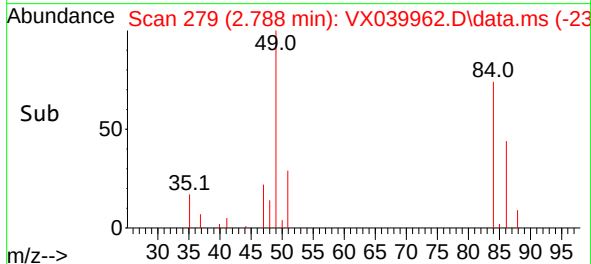
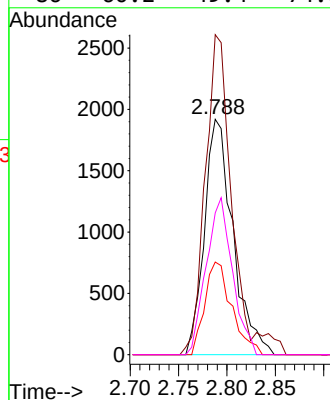
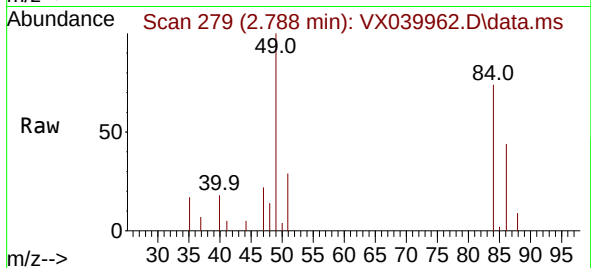
Ion Ratio Lower Upper

84 100

49 136.0 103.6 155.4

51 39.3 33.8 50.6

86 60.2 49.4 74.0



#25

2-Butanone

Concen: 6.272 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX039962.D

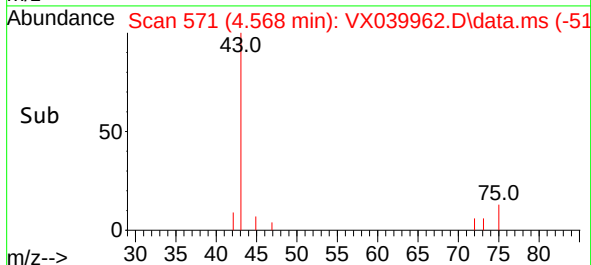
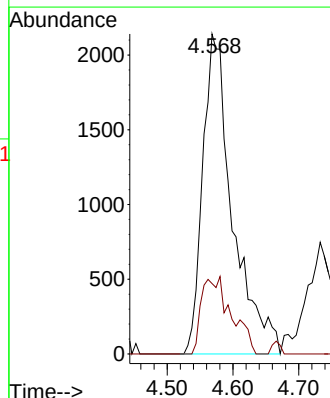
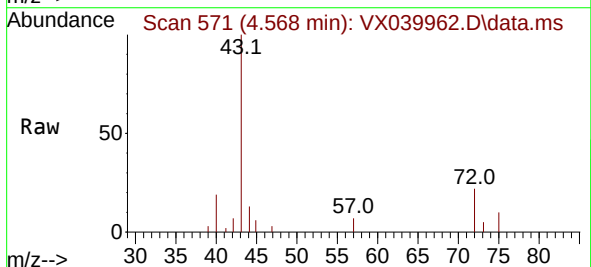
Acq: 25 Jan 2024 18:21

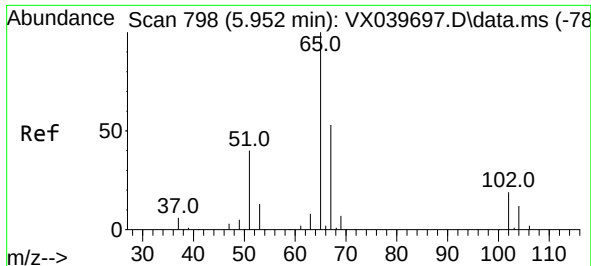
Tgt Ion: 43 Resp: 6743

Ion Ratio Lower Upper

43 100

72 22.0 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 47.359 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039962.D

Acq: 25 Jan 2024 18:21

Instrument :

MSVOA_X

ClientSampleId :

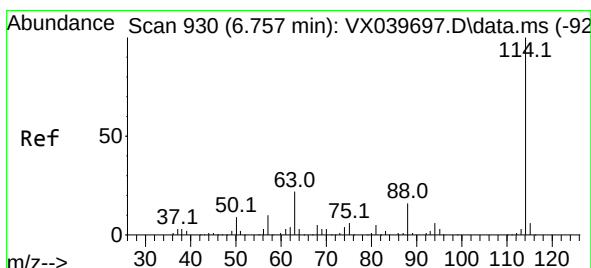
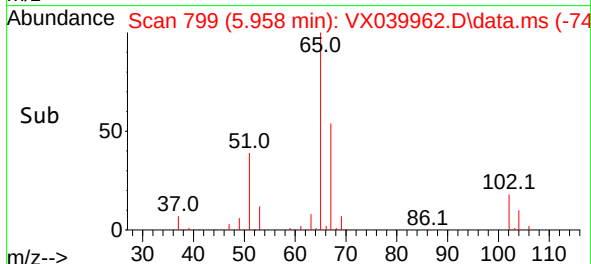
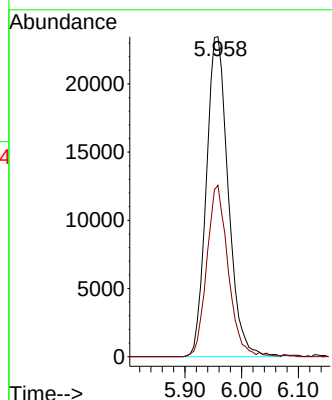
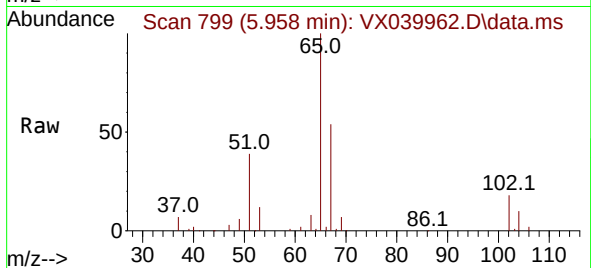
PB158617TB

Tgt Ion: 65 Resp: 63003

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039962.D

Acq: 25 Jan 2024 18:21

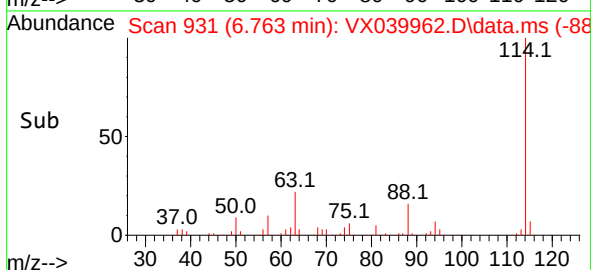
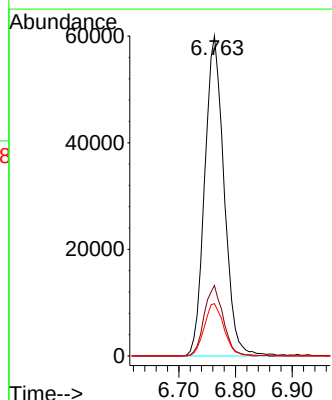
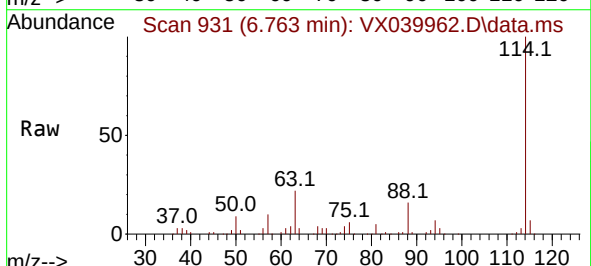
Tgt Ion: 114 Resp: 142428

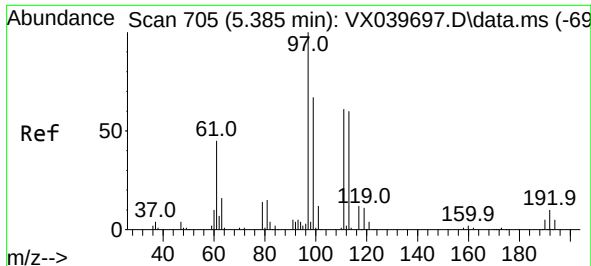
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 16.3 0.0 36.6

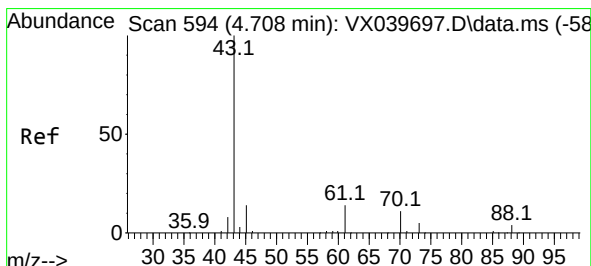
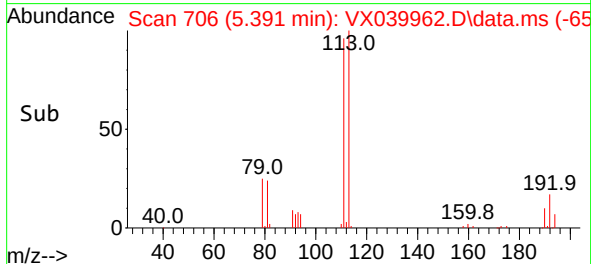
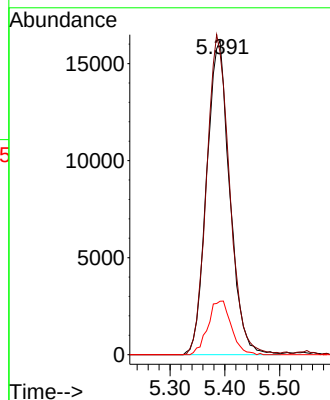
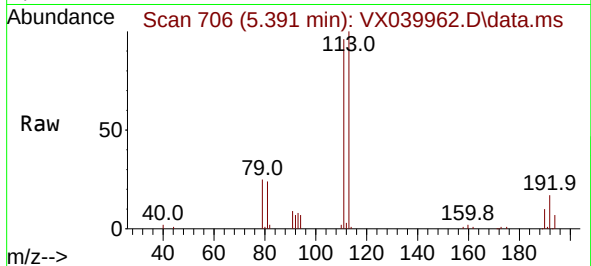




#35
Dibromofluoromethane
Concen: 49.300 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

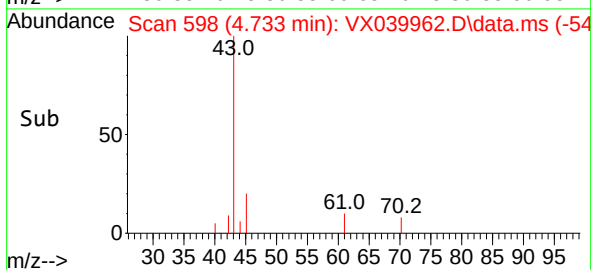
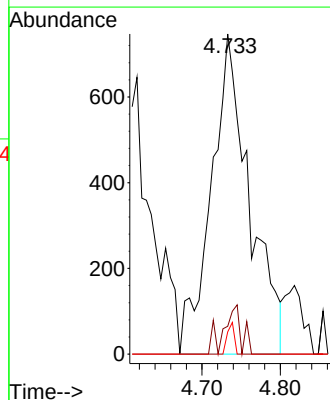
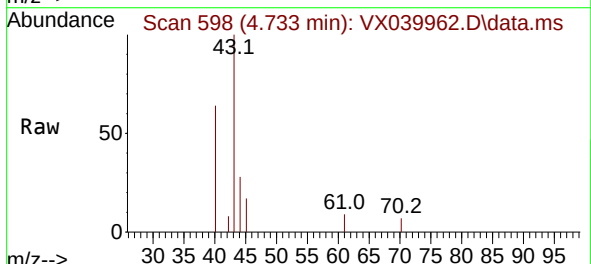
Instrument :
MSVOA_X
ClientSampleId :
PB158617TB

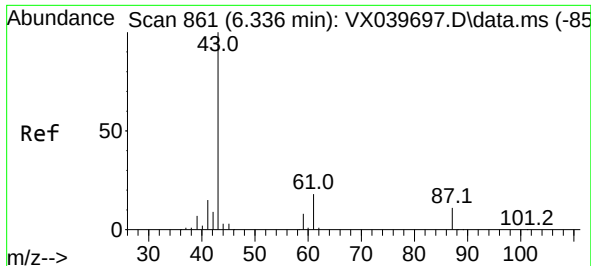
Tgt Ion:113 Resp: 47294
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 17.3 13.3 19.9



#37
Ethyl Acetate
Concen: 1.271 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.024 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 43 Resp: 2531
Ion Ratio Lower Upper
43 100
61 6.0 10.6 16.0#
70 1.8 8.3 12.5#

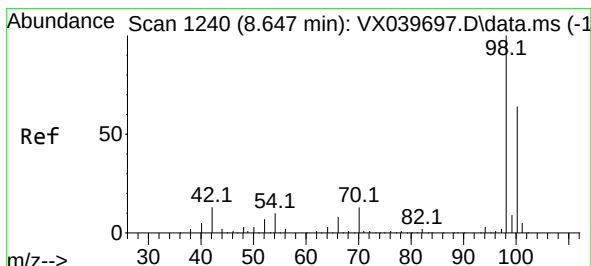
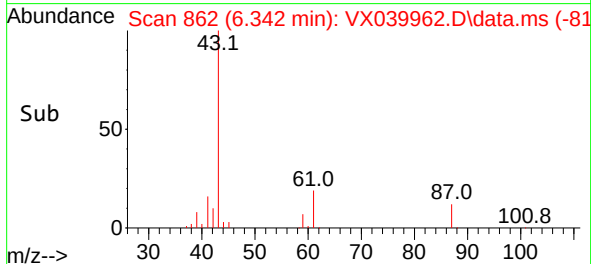
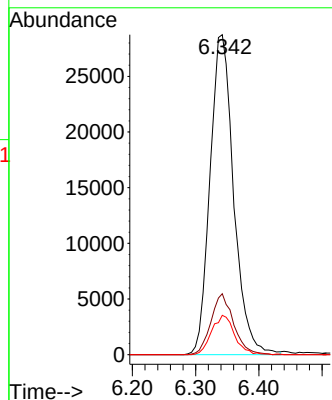
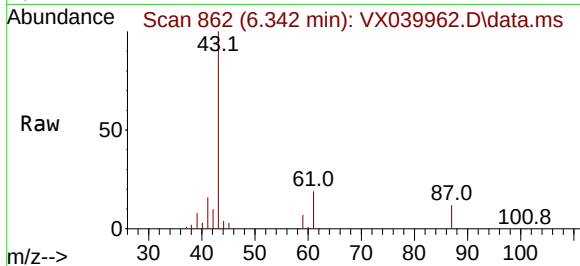




#43
Isopropyl Acetate
Concen: 25.566 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

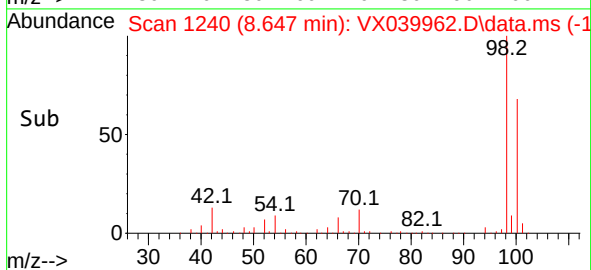
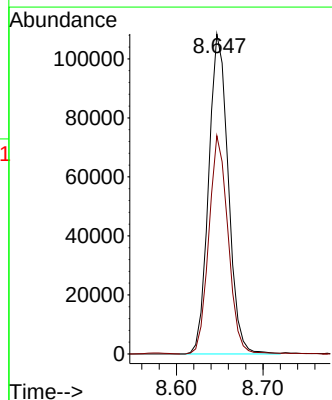
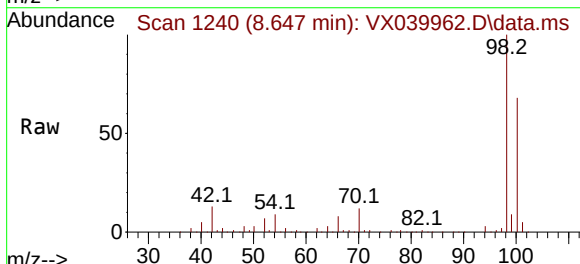
Instrument :
MSVOA_X
ClientSampleId :
PB158617TB

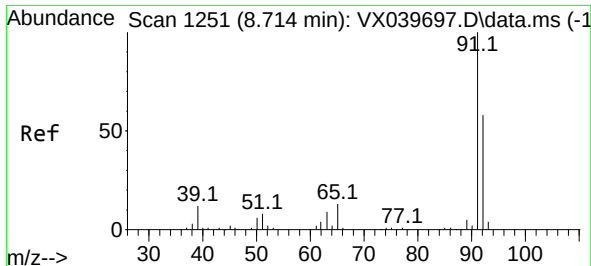
Tgt Ion: 43 Resp: 74709
Ion Ratio Lower Upper
43 100
61 18.3 15.2 22.8
87 11.9 9.8 14.6



#50
Toluene-d8
Concen: 47.078 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 98 Resp: 170333
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7

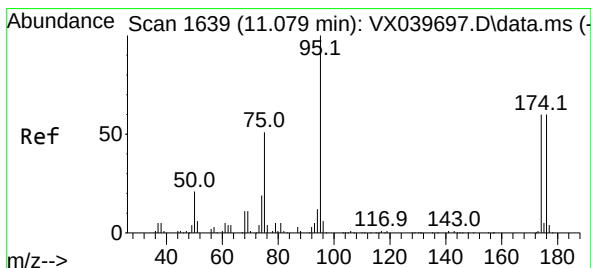
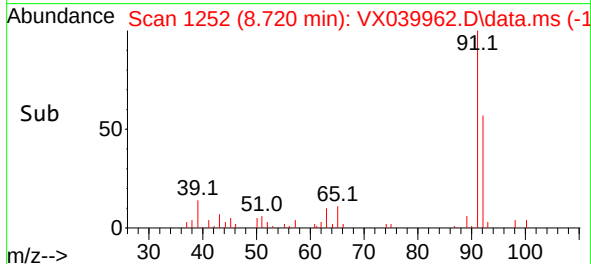
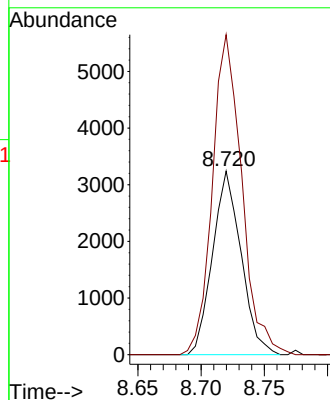
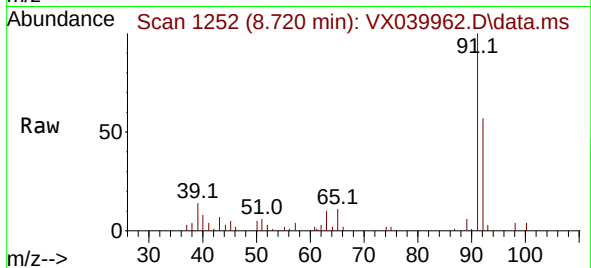




#52
Toluene
Concen: 2.014 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

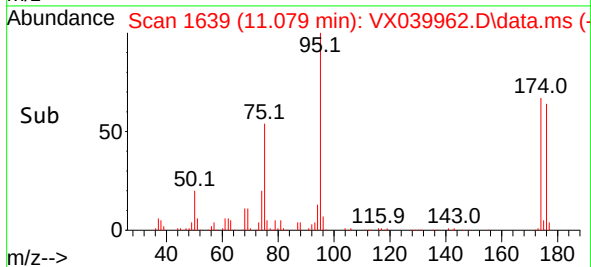
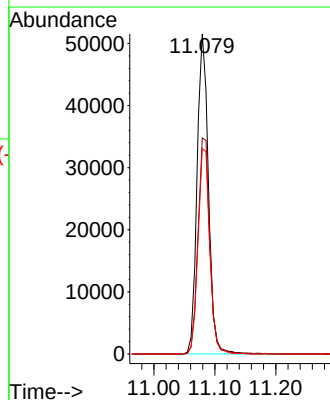
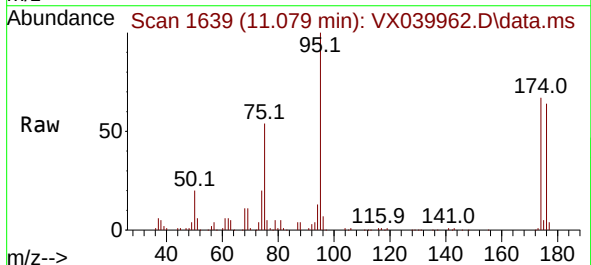
Instrument :
MSVOA_X
ClientSampleId :
PB158617TB

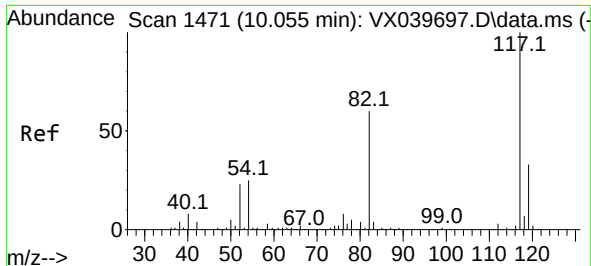
Tgt Ion: 92 Resp: 5087
Ion Ratio Lower Upper
92 100
91 179.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 95 Resp: 66443
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 66.3 0.0 131.0

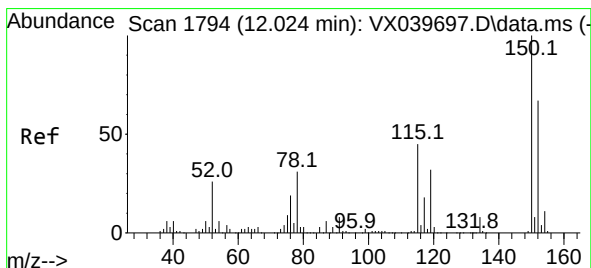
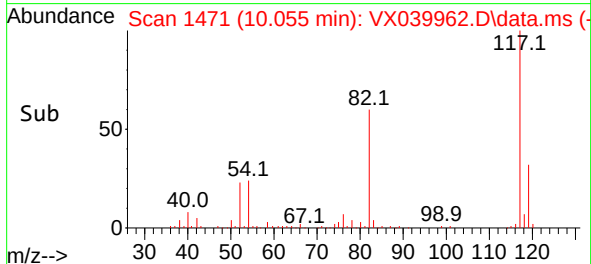
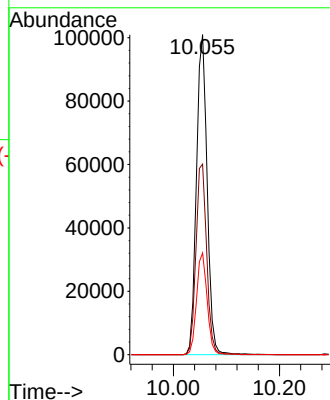
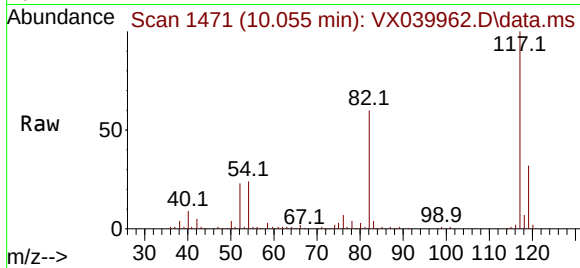




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :
PB158617TB

Tgt Ion:117 Resp: 141356
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion:152 Resp: 62487
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 155.3 0.0 345.0

