

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042349.D
 Acq On : 16 Jul 2024 17:53
 Operator : JC/MD
 Sample : PB162077ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162077ZHE#06

Quant Time: Jul 17 05:41:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

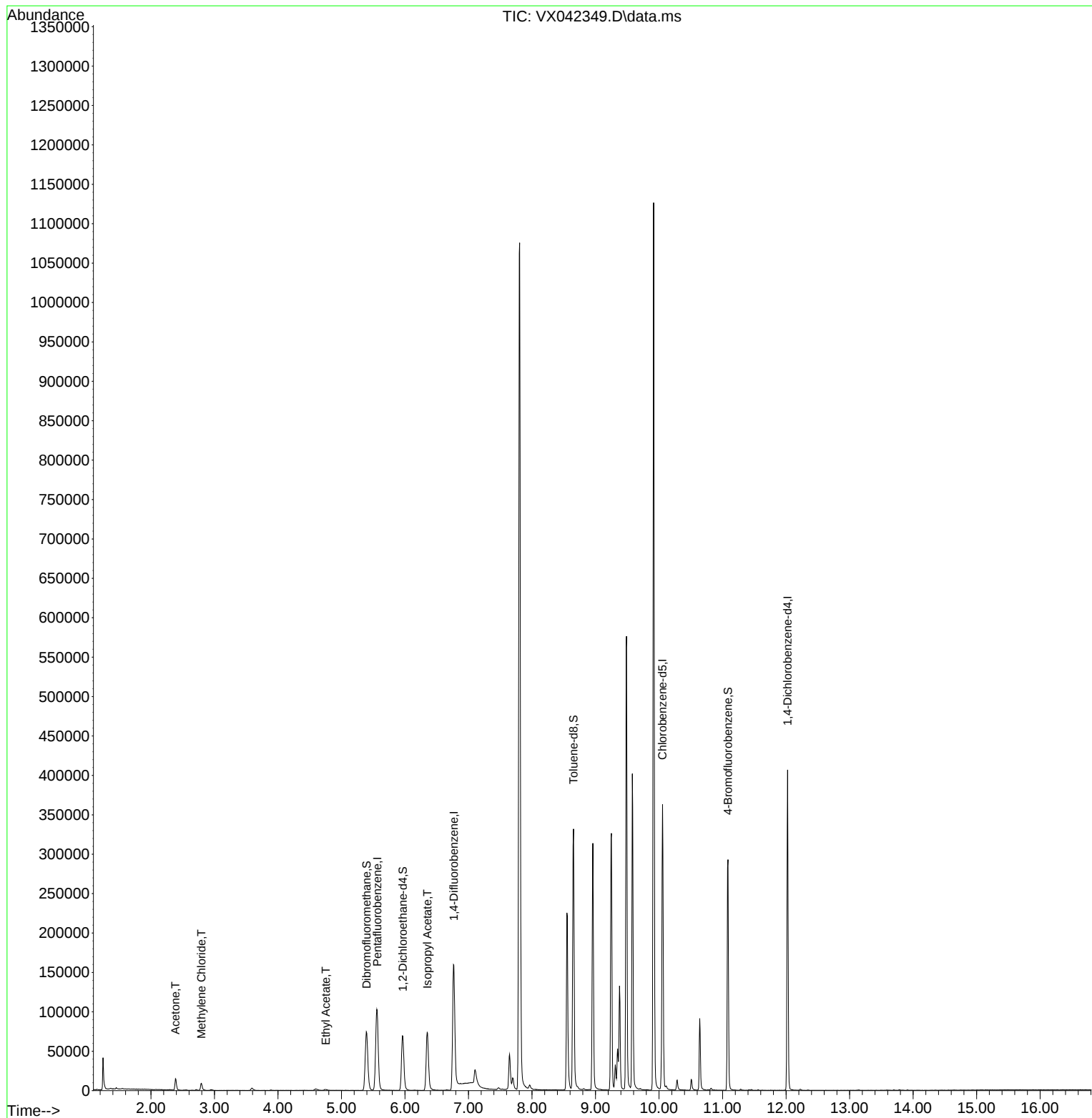
Internal Standards						
1) Pentafluorobenzene	5.562	168	116268	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	183624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65966	49.202	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.400%
35) Dibromofluoromethane	5.397	113	66094	50.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.460%
50) Toluene-d8	8.652	98	209432	45.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.520%#
62) 4-Bromofluorobenzene	11.085	95	79416	47.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.140%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	16111	27.367	ug/l	# 87
20) Methylene Chloride	2.794	84	4868	3.776	ug/l	# 85
37) Ethyl Acetate	4.751	43	3049	1.692	ug/l	# 84
43) Isopropyl Acetate	6.354	43	102587	37.082	ug/l	# 92

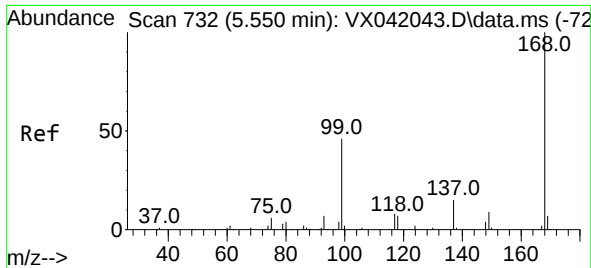
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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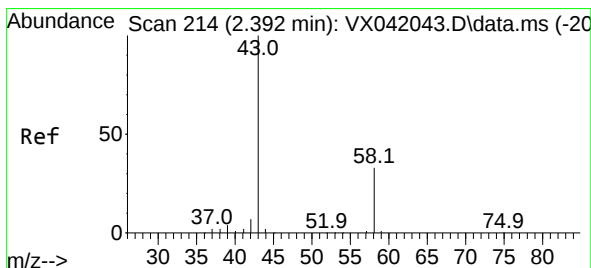
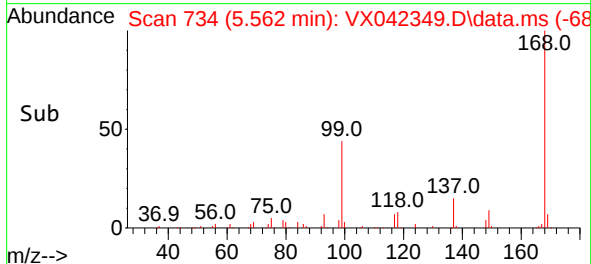
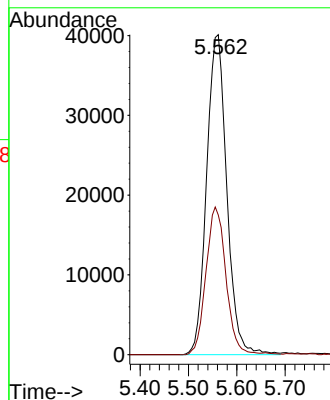
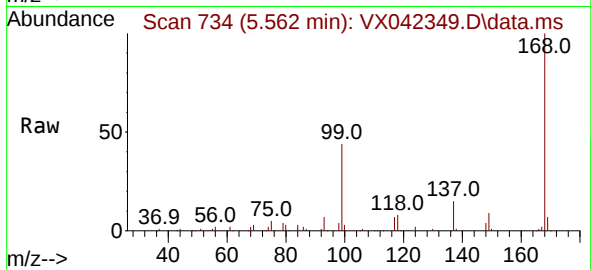




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX042349.D
Acq: 16 Jul 2024 17:53

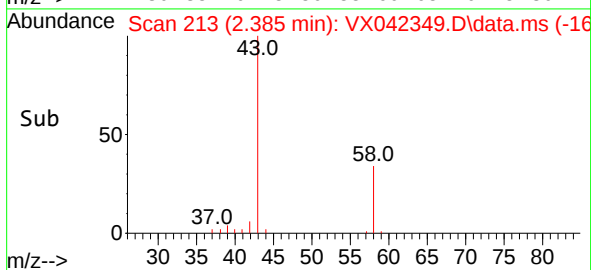
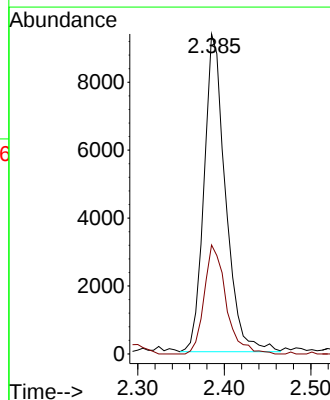
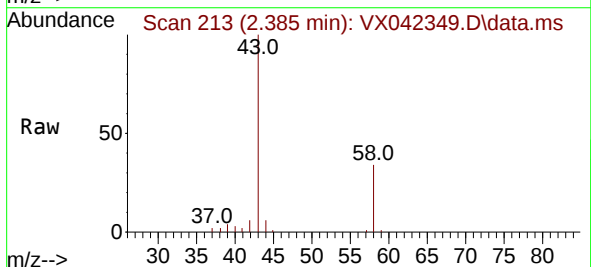
Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#06

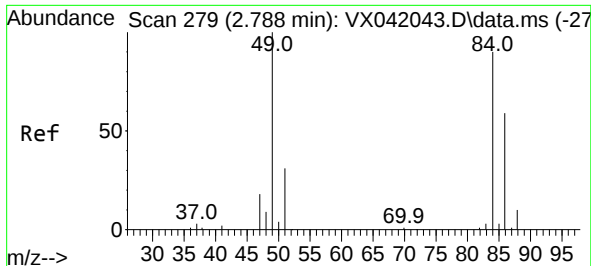
Tgt Ion:168 Resp: 116268
Ion Ratio Lower Upper
168 100
99 43.6 56.6 85.0#



#16
Acetone
Concen: 27.367 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.013 min
Lab File: VX042349.D
Acq: 16 Jul 2024 17:53

Tgt Ion: 43 Resp: 16111
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#





#20

Methylene Chloride

Concen: 3.776 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX042349.D

Acq: 16 Jul 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

PB162077ZHE#06

Tgt Ion: 84 Resp: 4868

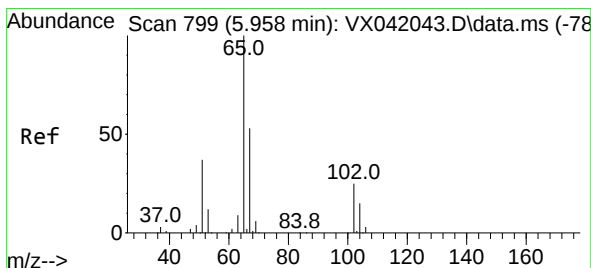
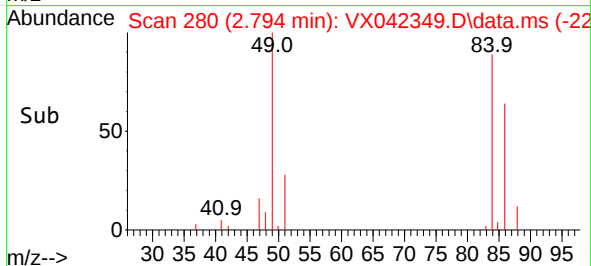
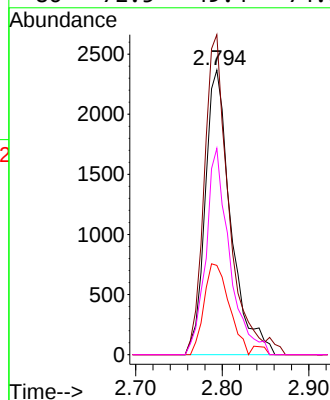
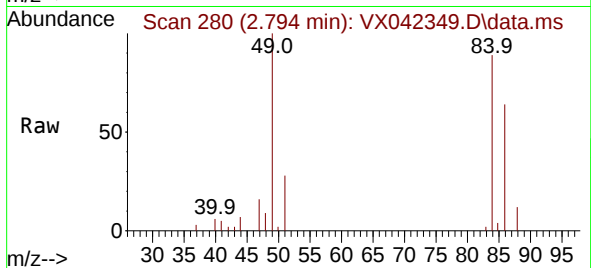
Ion Ratio Lower Upper

84 100

49 112.4 103.6 155.4

51 31.4 33.8 50.6#

86 72.5 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 49.202 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX042349.D

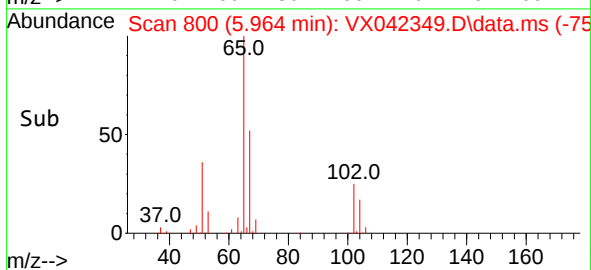
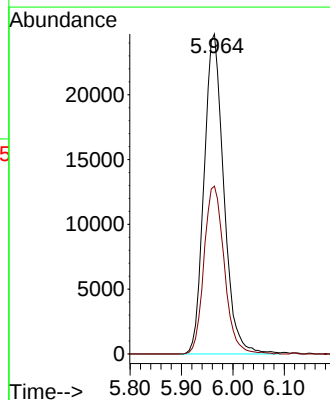
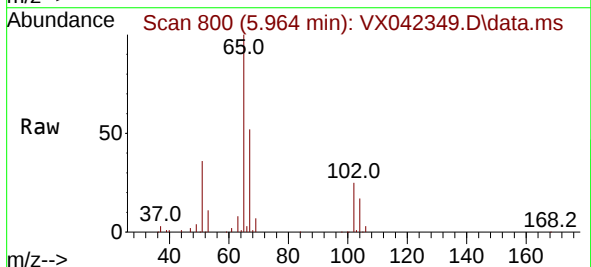
Acq: 16 Jul 2024 17:53

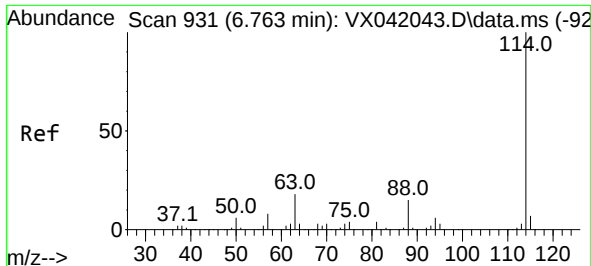
Tgt Ion: 65 Resp: 65966

Ion Ratio Lower Upper

65 100

67 53.8 0.0 100.2

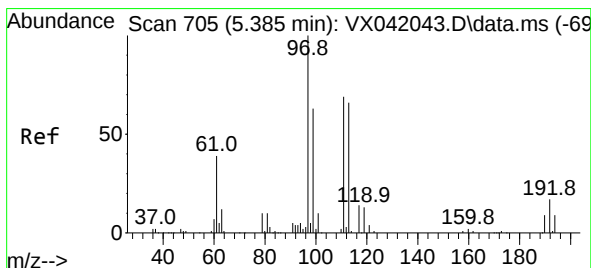
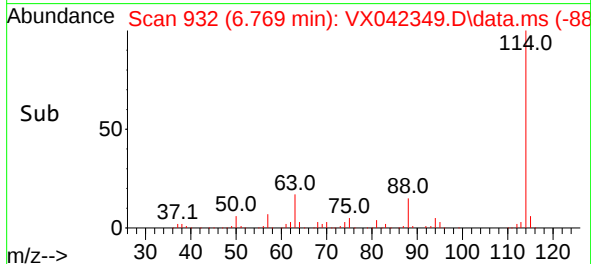
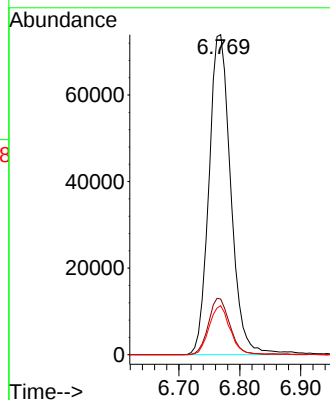
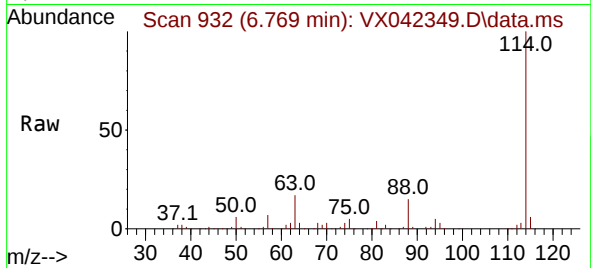




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX042349.D
Acq: 16 Jul 2024 17:53

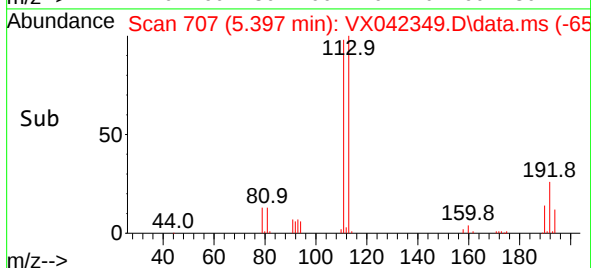
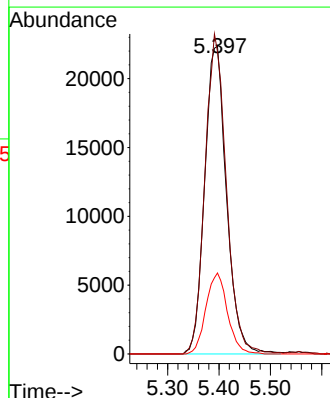
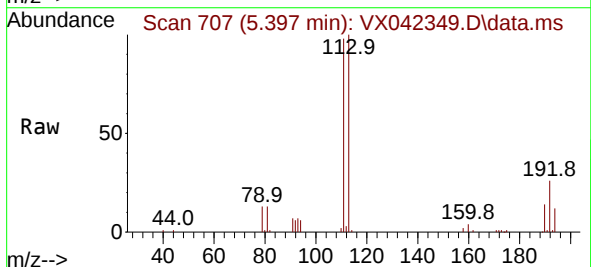
Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#06

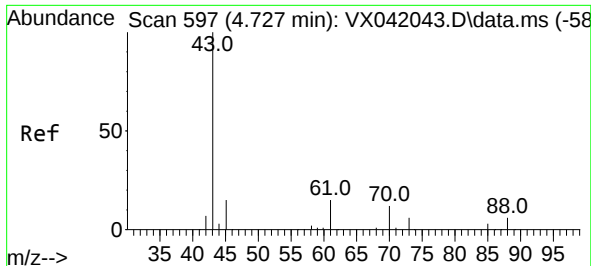
Tgt Ion:114 Resp: 183624
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.728 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX042349.D
Acq: 16 Jul 2024 17:53

Tgt Ion:113 Resp: 66094
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 25.9 13.3 19.9#

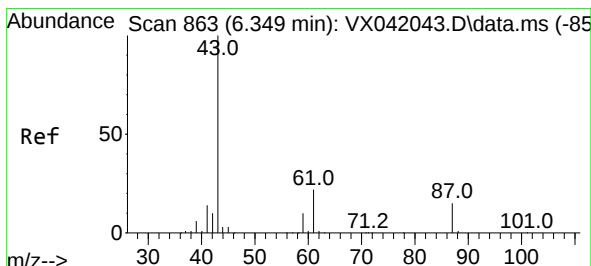
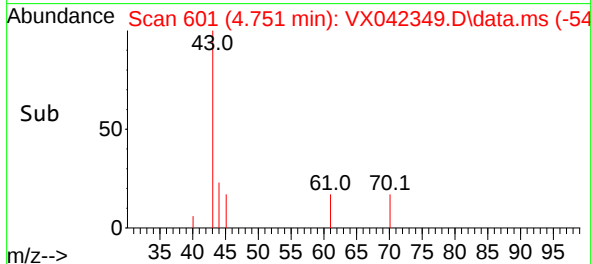
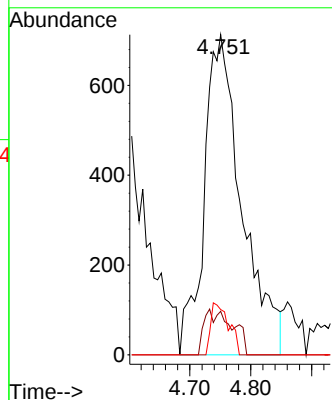
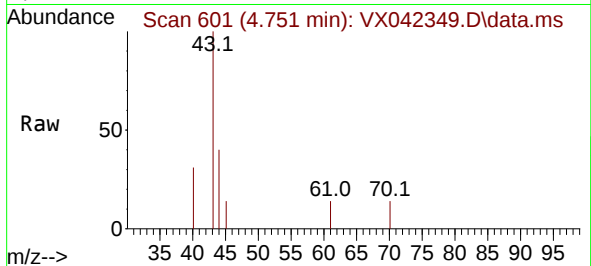




#37
Ethyl Acetate
Concen: 1.692 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.024 min
Lab File: VX042349.D
Acq: 16 Jul 2024 17:53

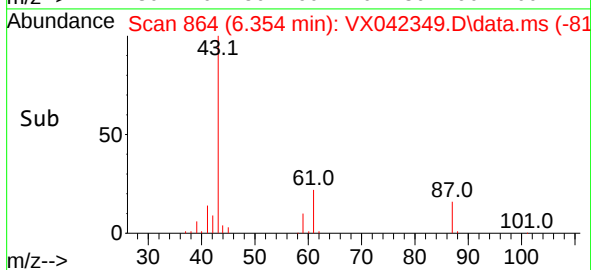
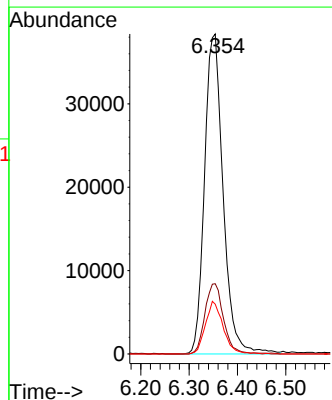
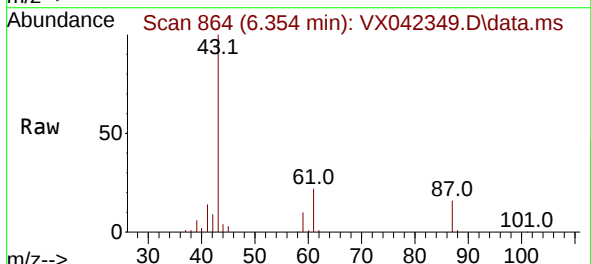
Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#06

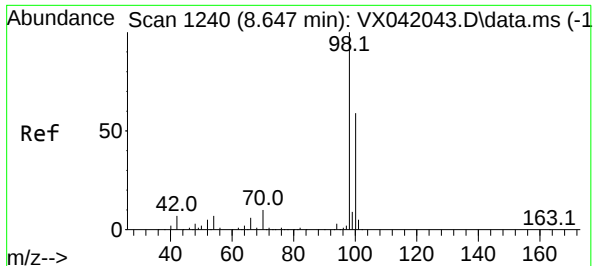
Tgt Ion: 43 Resp: 3049
Ion Ratio Lower Upper
43 100
61 3.8 10.6 16.0#
70 7.8 8.3 12.5#



#43
Isopropyl Acetate
Concen: 37.082 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX042349.D
Acq: 16 Jul 2024 17:53

Tgt Ion: 43 Resp: 102587
Ion Ratio Lower Upper
43 100
61 22.1 15.2 22.8
87 15.6 9.8 14.6#

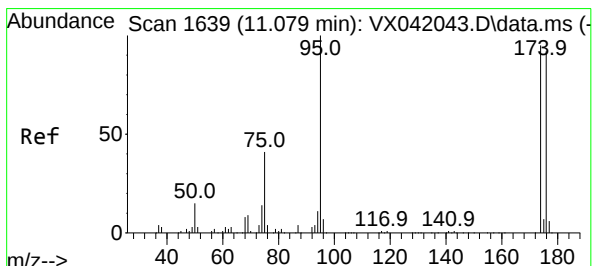
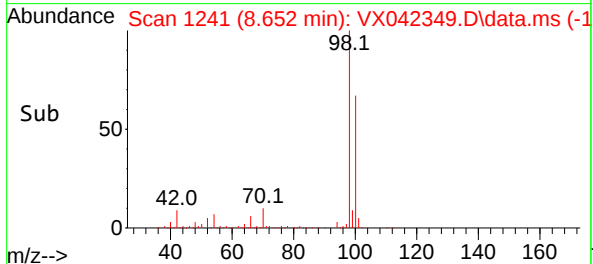
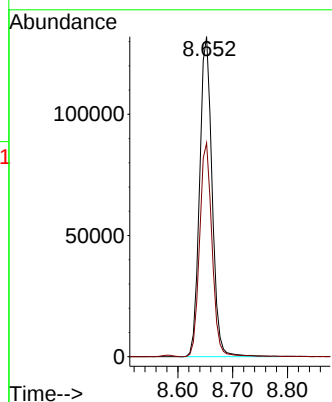
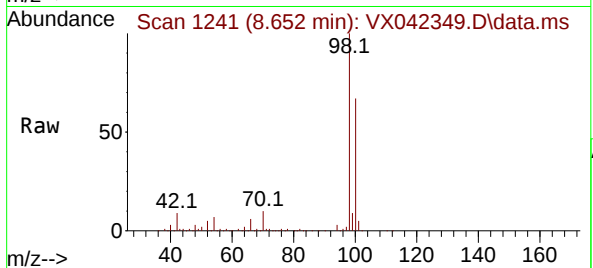




#50
Toluene-d8
Concen: 45.756 ug/l
RT: 8.652 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042349.D
Acq: 16 Jul 2024 17:53

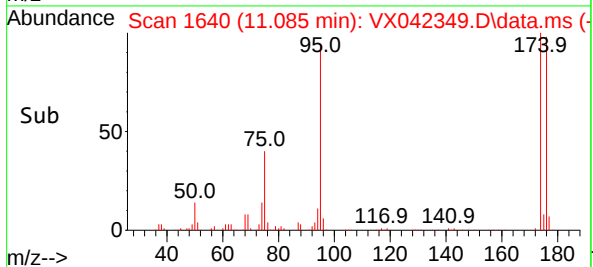
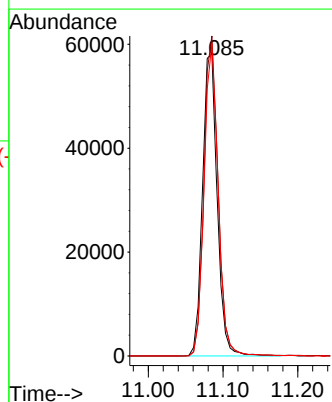
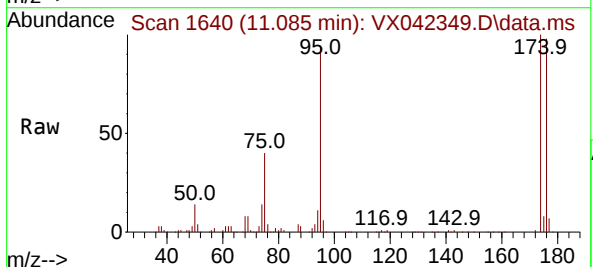
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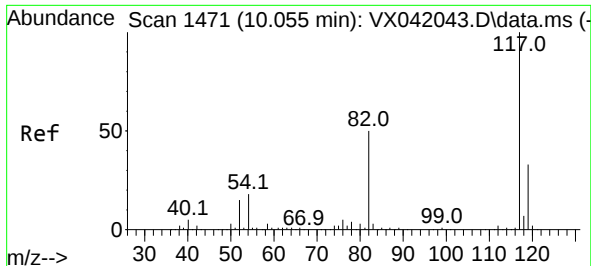
Tgt Ion: 98 Resp: 209432
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.068 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX042349.D
Acq: 16 Jul 2024 17:53

Tgt Ion: 95 Resp: 79416
Ion Ratio Lower Upper
95 100
174 102.1 0.0 135.6
176 99.2 0.0 131.0

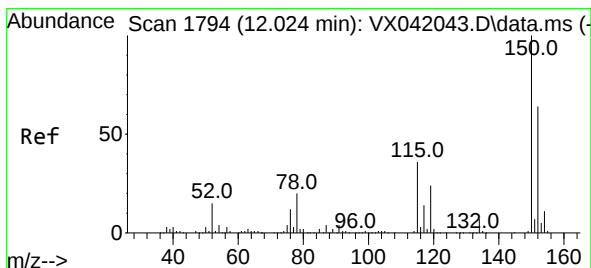
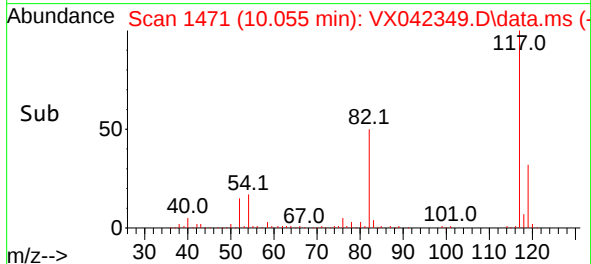
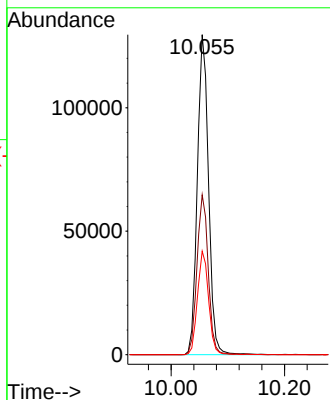
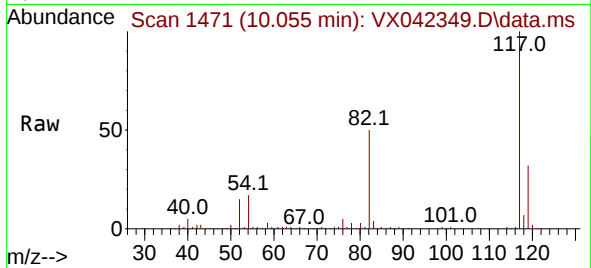




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042349.D
Acq: 16 Jul 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#06

Tgt Ion:117 Resp: 177462
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.4 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: VX042349.D
Acq: 16 Jul 2024 17:53

Tgt Ion:152 Resp: 94762
Ion Ratio Lower Upper
152 100
115 53.0 43.3 129.9
150 158.2 0.0 345.0

