

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061224\
 Data File : VX041837.D
 Acq On : 12 Jun 2024 13:15
 Operator : JC/MD
 Sample : P2784-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WCS-TPD

Quant Time: Jun 13 03:42:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

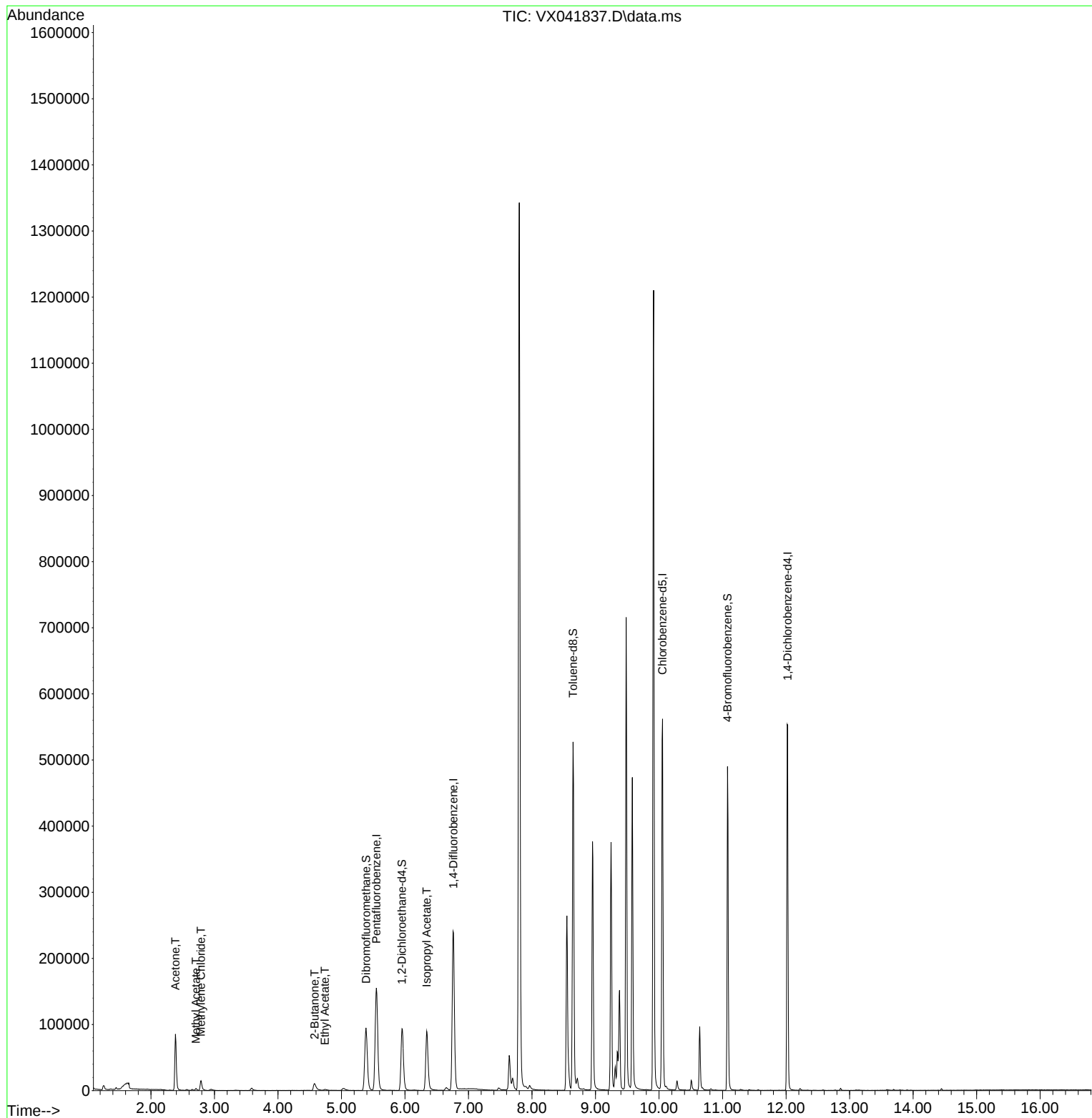
Internal Standards						
1) Pentafluorobenzene	5.550	168	169648	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	272609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91179	43.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.640%
35) Dibromofluoromethane	5.385	113	83278	44.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.360%
50) Toluene-d8	8.647	98	325605	49.441	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.079	95	124269	51.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.260%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	91758	98.772	ug/l	90
18) Methyl Acetate	2.709	43	3979	2.003	ug/l	99
20) Methylene Chloride	2.788	84	7985	4.288	ug/l	# 92
25) 2-Butanone	4.574	43	22431	17.346	ug/l	99
37) Ethyl Acetate	4.739	43	3455	1.200	ug/l	# 92
43) Isopropyl Acetate	6.342	43	124236	28.570	ug/l	96

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

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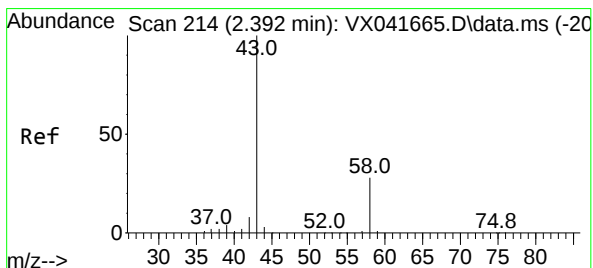
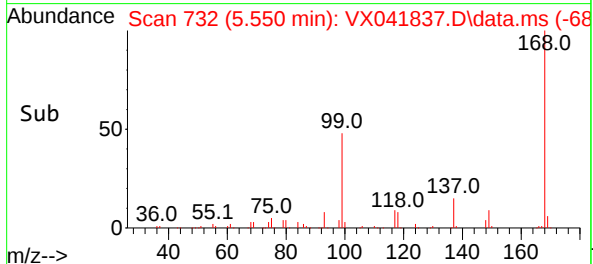
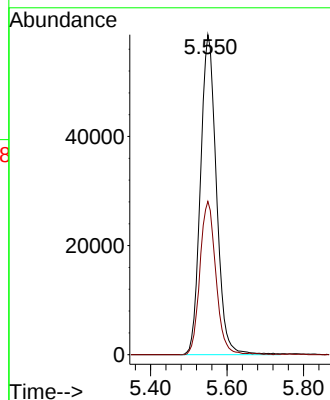
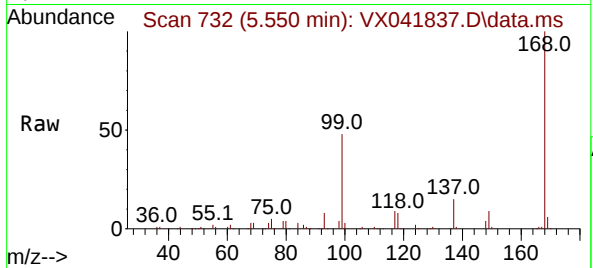




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041837.D
Acq: 12 Jun 2024 13:15

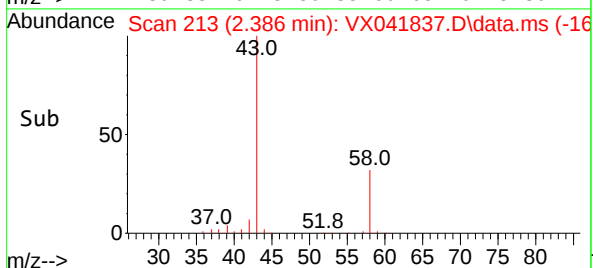
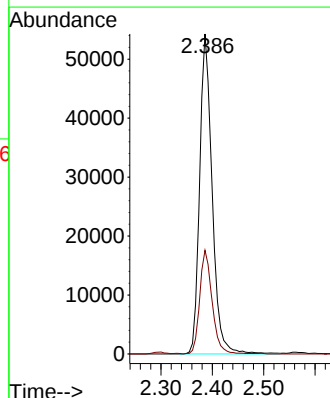
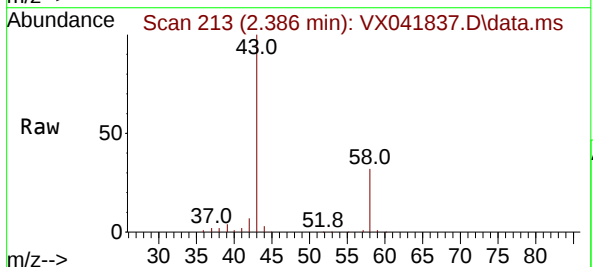
Instrument :
MSVOA_X
ClientSampleId :
WCS-TPD

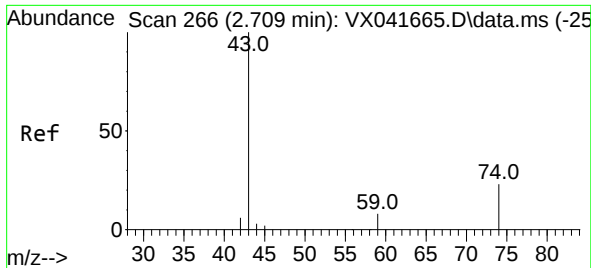
Tgt Ion:168 Resp: 169648
Ion Ratio Lower Upper
168 100
99 47.9 56.6 85.0#



#16
Acetone
Concen: 98.772 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041837.D
Acq: 12 Jun 2024 13:15

Tgt Ion: 43 Resp: 91758
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9

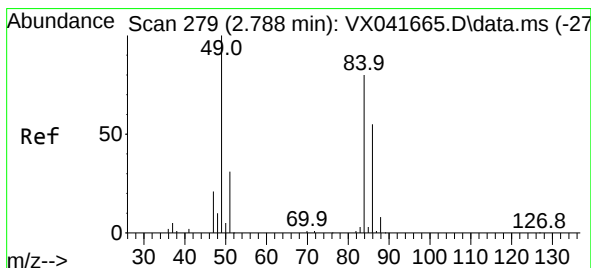
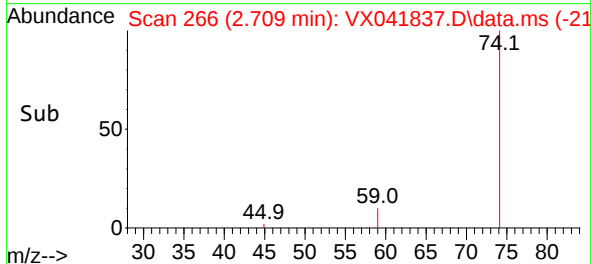
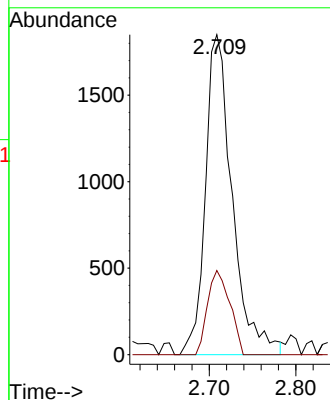
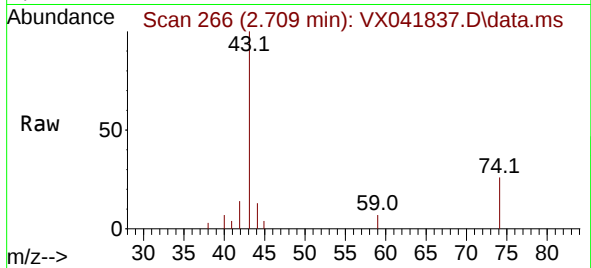




#18
Methyl Acetate
Concen: 2.003 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041837.D
Acq: 12 Jun 2024 13:15

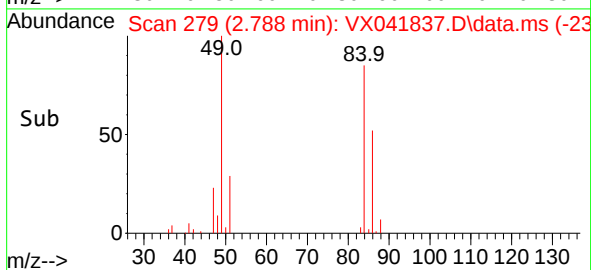
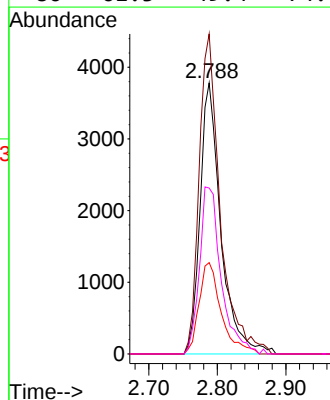
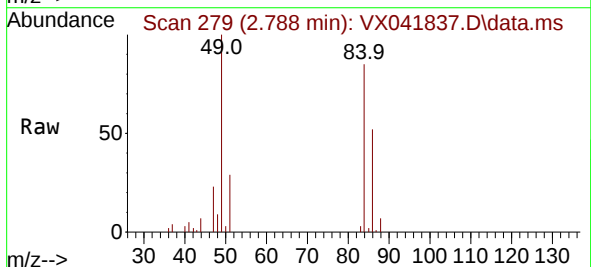
Instrument :
MSVOA_X
ClientSampleId :
WCS-TPD

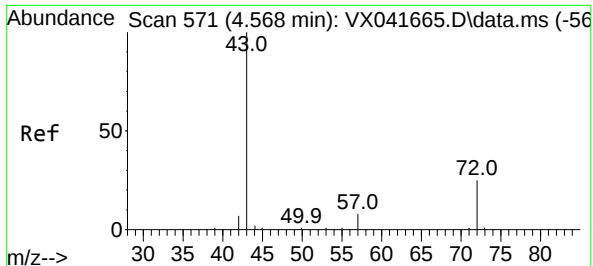
Tgt Ion: 43 Resp: 3979
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 4.288 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041837.D
Acq: 12 Jun 2024 13:15

Tgt Ion: 84 Resp: 7985
Ion Ratio Lower Upper
84 100
49 118.1 103.6 155.4
51 33.7 33.8 50.6#
86 61.3 49.4 74.0

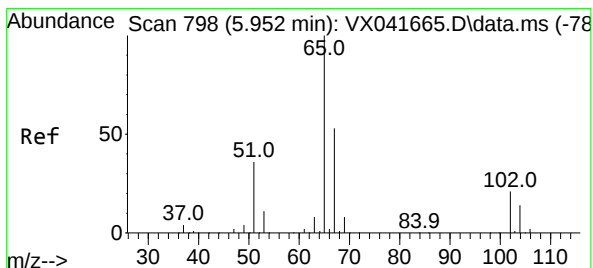
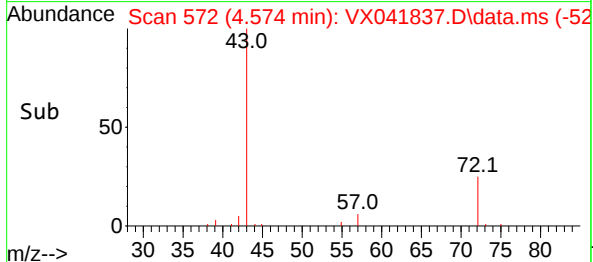
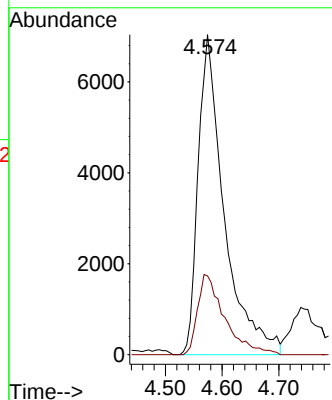
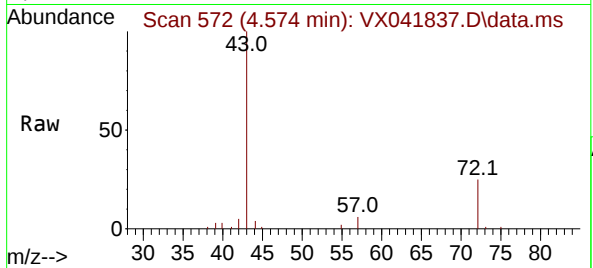




#25
2-Butanone
Concen: 17.346 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041837.D
Acq: 12 Jun 2024 13:15

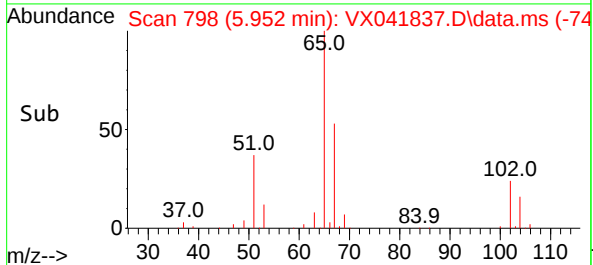
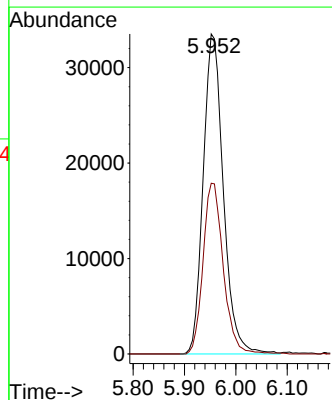
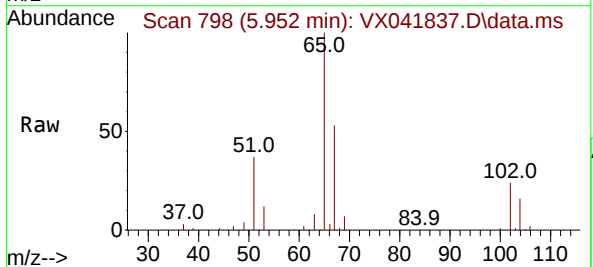
Instrument :
MSVOA_X
ClientSampleId :
WCS-TPD

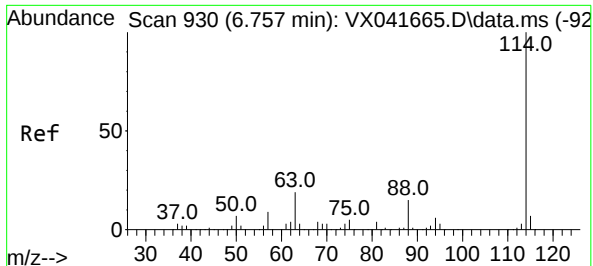
Tgt Ion: 43 Resp: 22431
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 43.822 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041837.D
Acq: 12 Jun 2024 13:15

Tgt Ion: 65 Resp: 91179
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX041837.D

Acq: 12 Jun 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

WCS-TPD

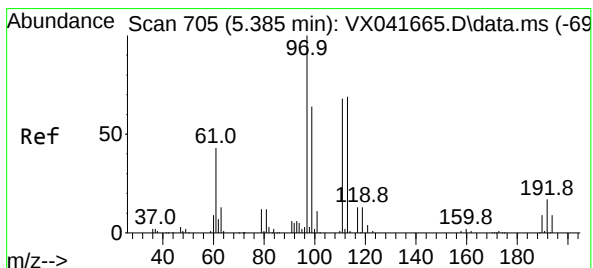
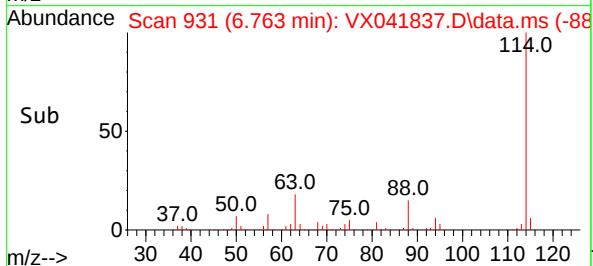
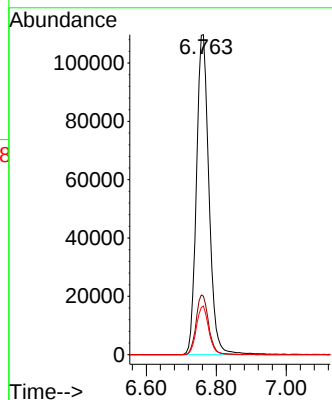
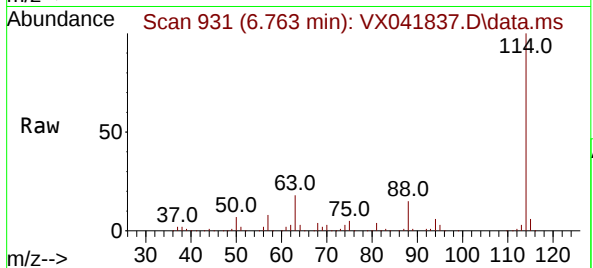
Tgt Ion:114 Resp: 272609

Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.2 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.184 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041837.D

Acq: 12 Jun 2024 13:15

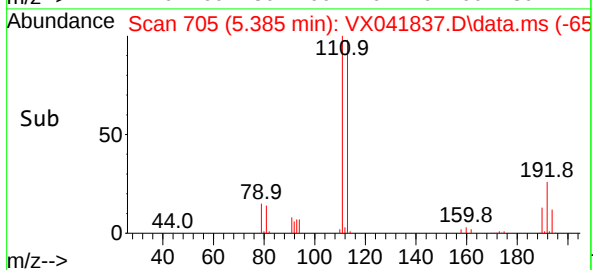
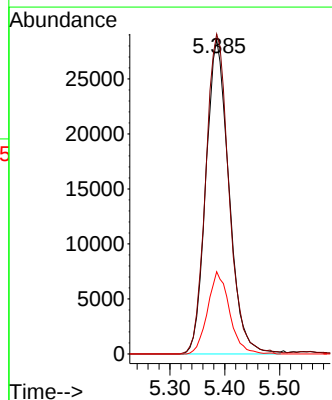
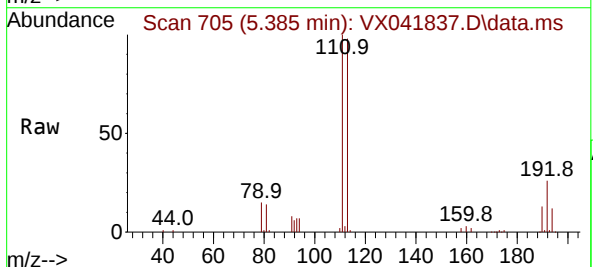
Tgt Ion:113 Resp: 83278

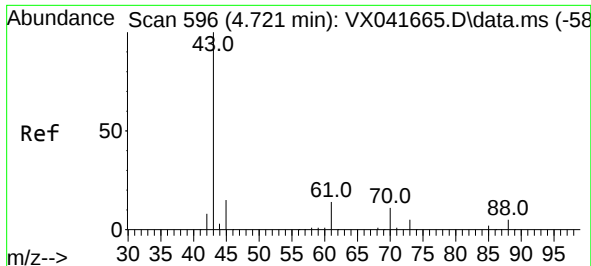
Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 24.8 13.3 19.9#





#37

Ethyl Acetate

Concen: 1.200 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.018 min

Lab File: VX041837.D

Acq: 12 Jun 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

WCS-TPD

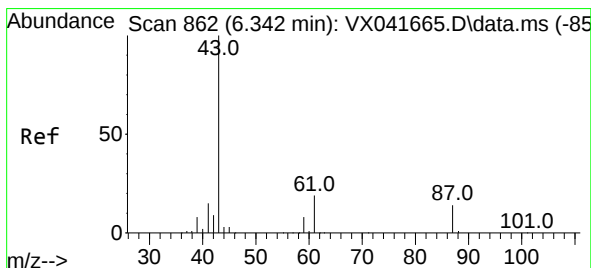
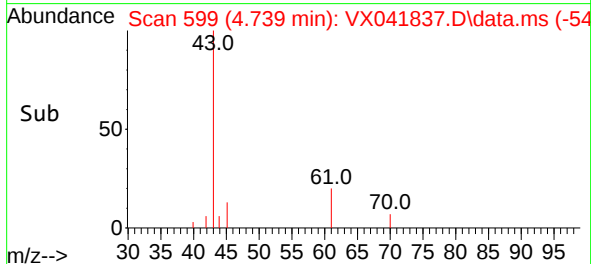
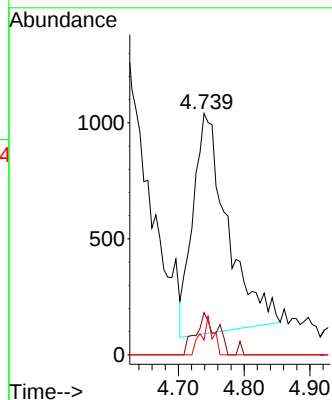
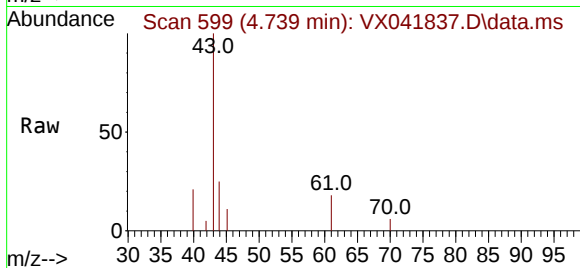
Tgt Ion: 43 Resp: 3455

Ion Ratio Lower Upper

43 100

61 11.4 10.6 16.0

70 5.8 8.3 12.5#



#43

Isopropyl Acetate

Concen: 28.570 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX041837.D

Acq: 12 Jun 2024 13:15

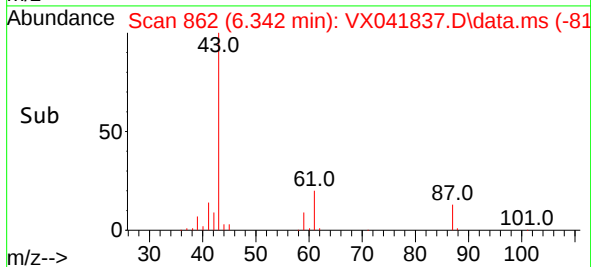
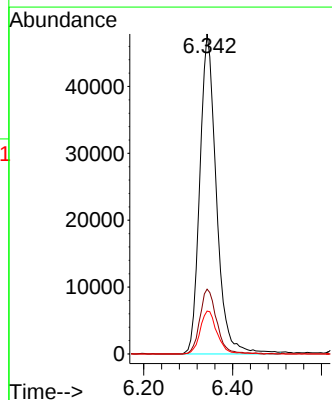
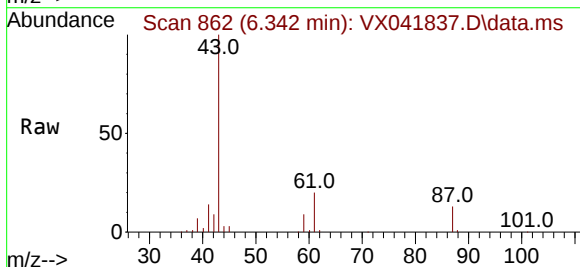
Tgt Ion: 43 Resp: 124236

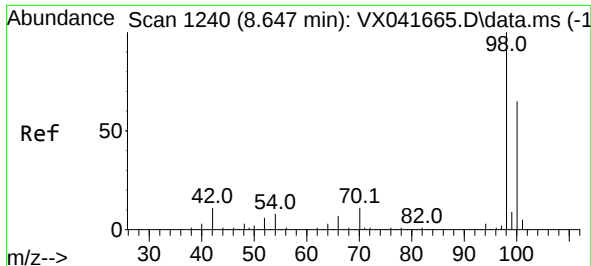
Ion Ratio Lower Upper

43 100

61 20.5 15.2 22.8

87 13.7 9.8 14.6

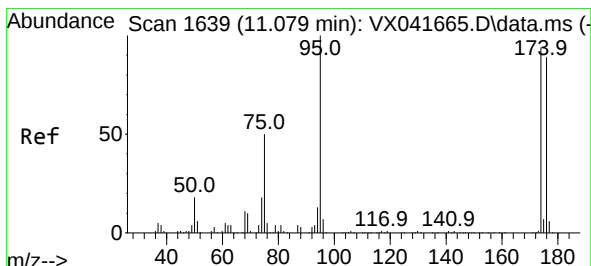
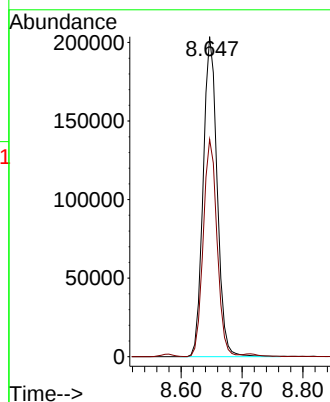
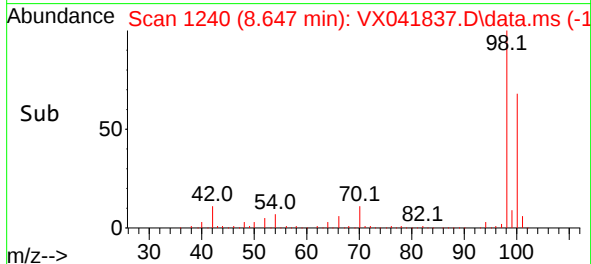
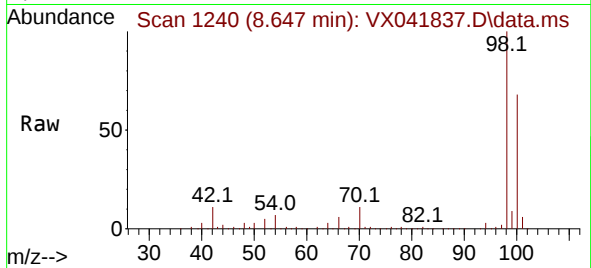




#50
Toluene-d8
Concen: 49.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041837.D
Acq: 12 Jun 2024 13:15

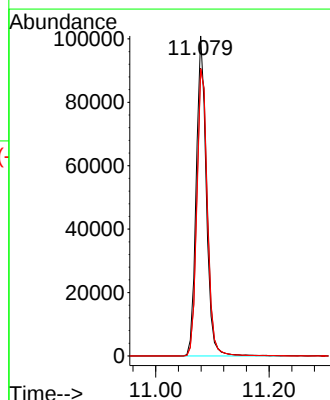
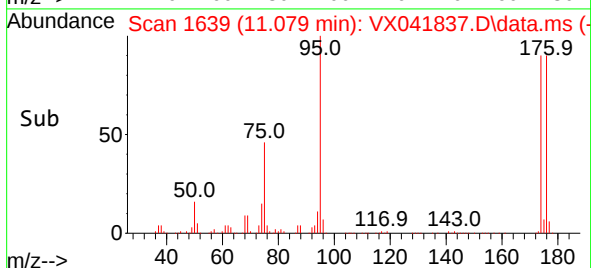
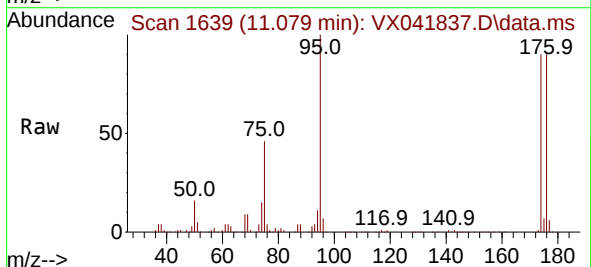
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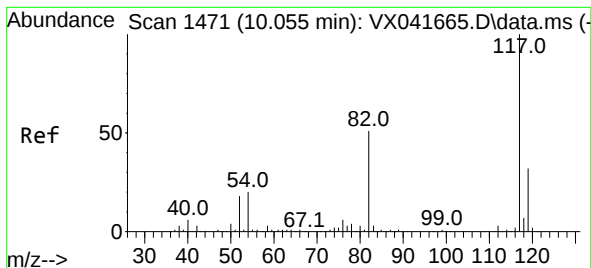
Tgt Ion: 98 Resp: 325605
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041837.D
Acq: 12 Jun 2024 13:15

Tgt Ion: 95 Resp: 124269
Ion Ratio Lower Upper
95 100
174 95.3 0.0 135.6
176 92.9 0.0 131.0

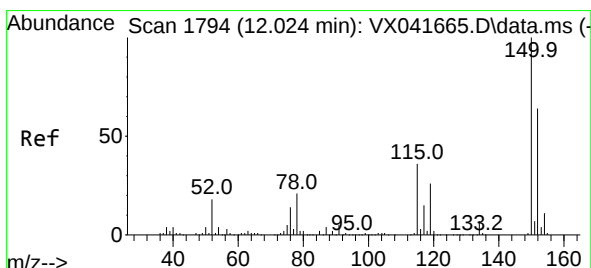
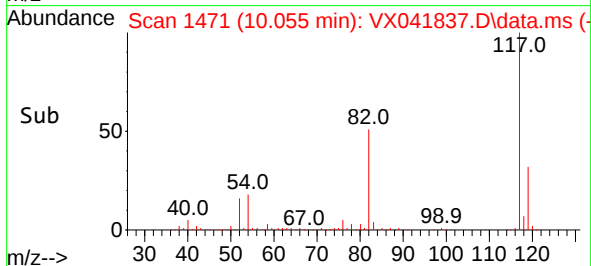
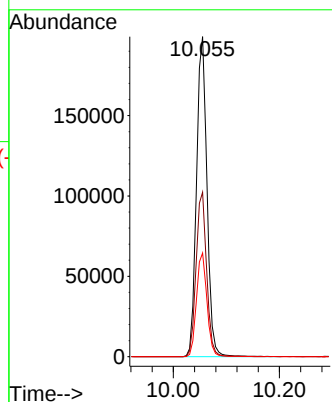
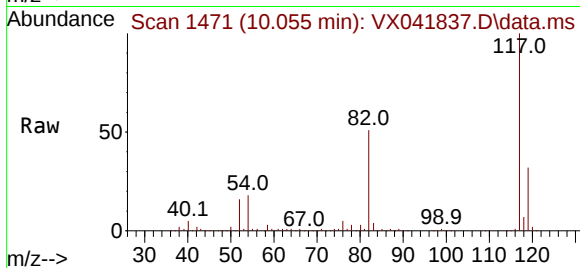




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041837.D
Acq: 12 Jun 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
WCS-TPD

Tgt Ion:117 Resp: 272353
Ion Ratio Lower Upper
117 100
82 51.4 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: VX041837.D
Acq: 12 Jun 2024 13:15

Tgt Ion:152 Resp: 135108
Ion Ratio Lower Upper
152 100
115 53.7 43.3 129.9
150 157.2 0.0 345.0

