

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031197.D
 Acq On : 08 Sep 2022 07:38
 Operator : JC/MD
 Sample : PB147495ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147495ZHE#01

Quant Time: Sep 08 13:59:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

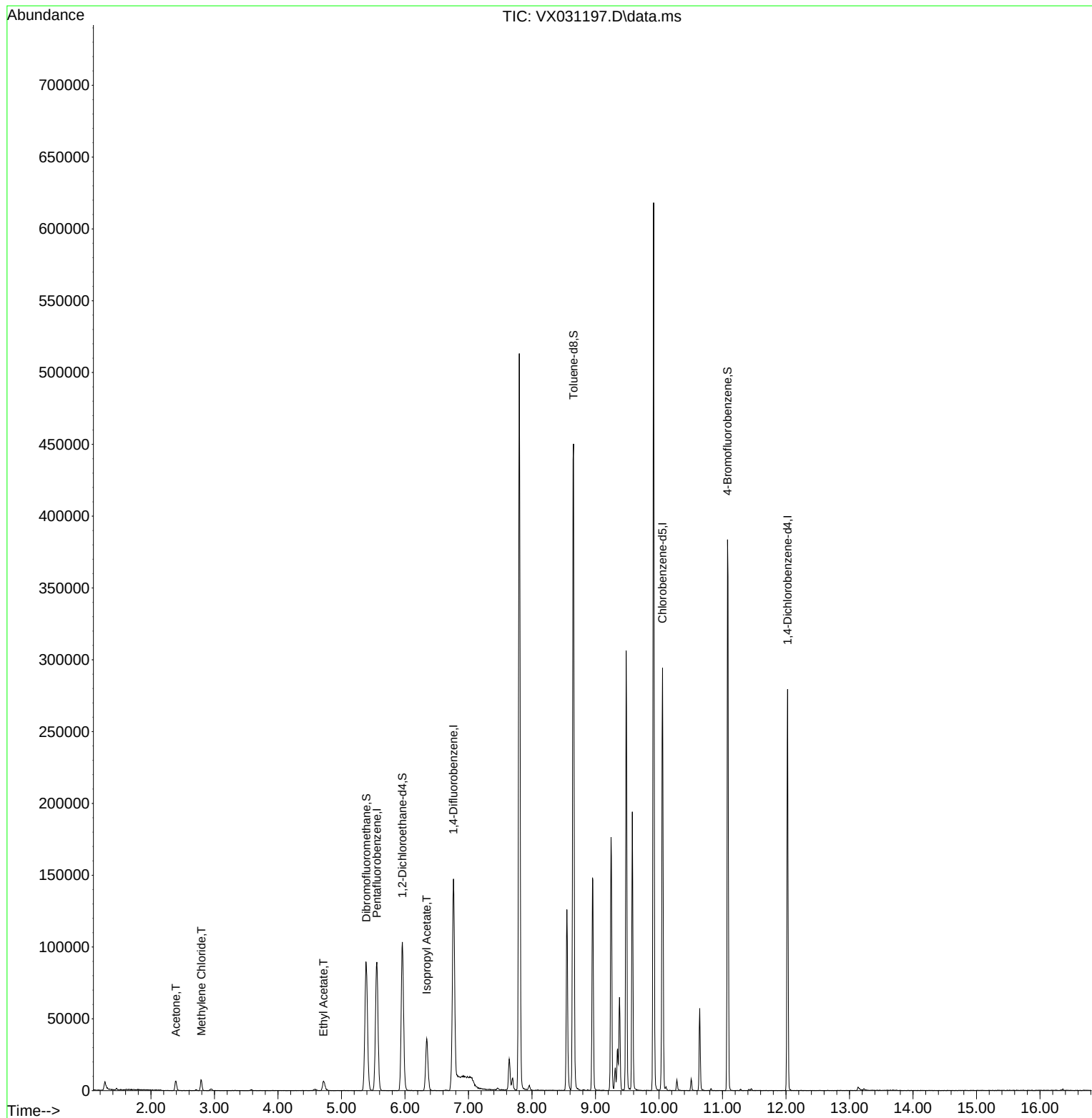
Internal Standards						
1) Pentafluorobenzene	5.556	168	72408	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	133899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113637	66.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	132.580%#
35) Dibromofluoromethane	5.391	113	77498	53.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.220%
50) Toluene-d8	8.653	98	268276	50.605	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.079	95	105881	54.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.000%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	8861	14.928	ug/l	# 83
20) Methylene Chloride	2.794	84	3529	2.530	ug/l	# 76
37) Ethyl Acetate	4.715	43	10859m	5.602	ug/l	
43) Isopropyl Acetate	6.342	43	47374	15.500	ug/l	# 96

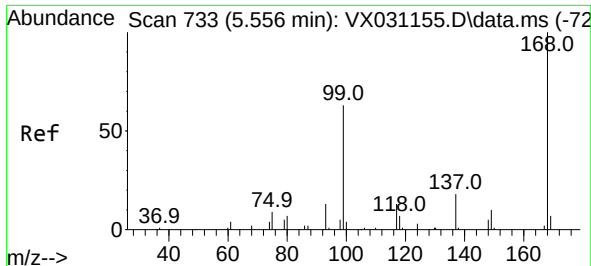
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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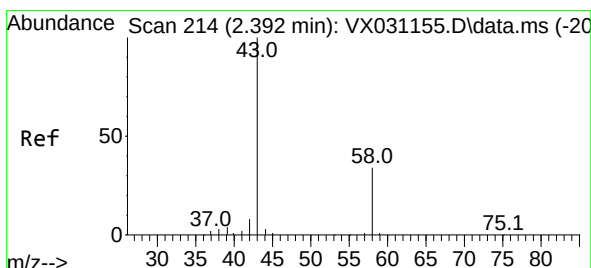
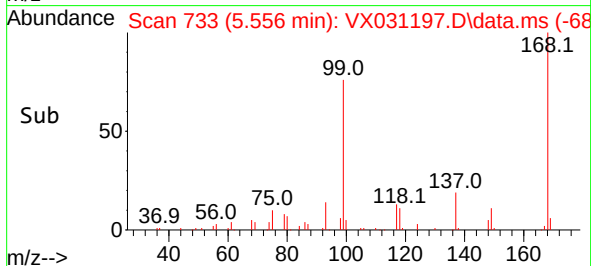
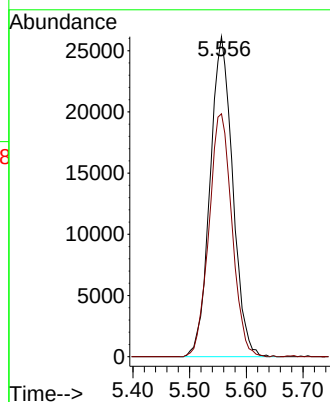
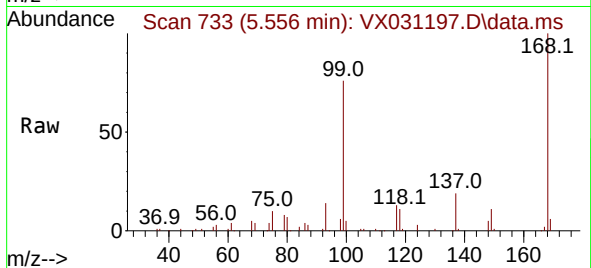




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

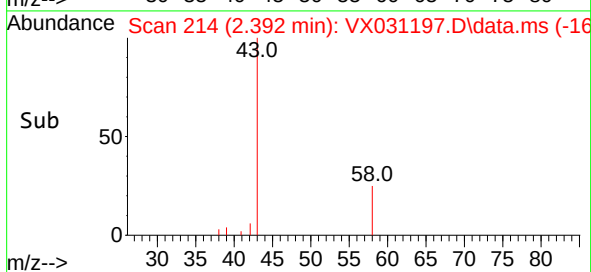
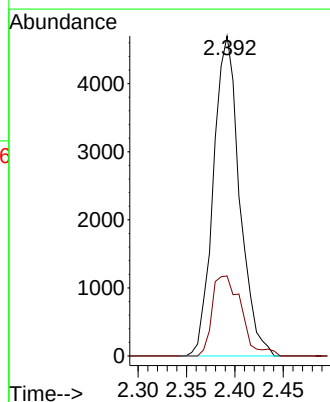
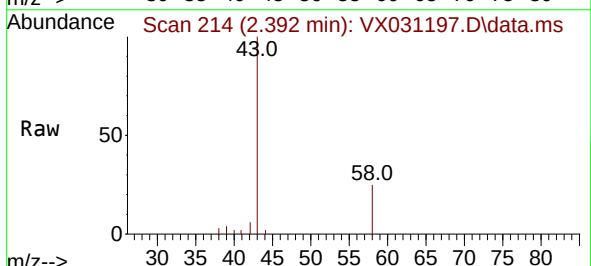
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

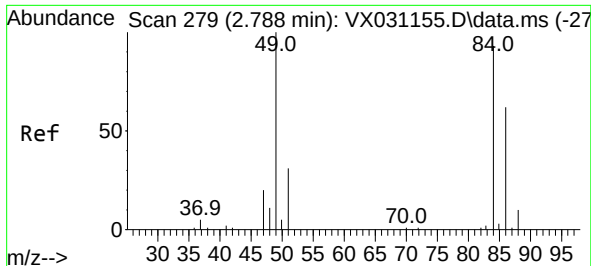
Tgt Ion:168 Resp: 72408
Ion Ratio Lower Upper
168 100
99 75.9 44.0 66.0#



#16
Acetone
Concen: 14.928 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion: 43 Resp: 8861
Ion Ratio Lower Upper
43 100
58 25.0 27.7 41.5#





#20

Methylene Chloride

Concen: 2.530 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031197.D

Acq: 08 Sep 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

PB147495ZHE#01

Tgt Ion: 84 Resp: 3529

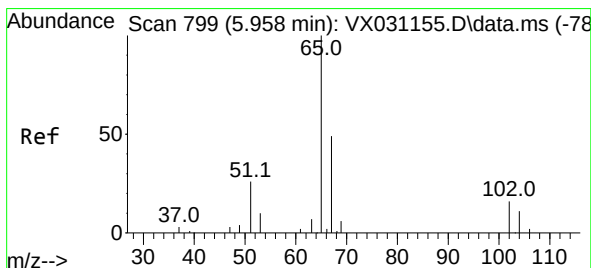
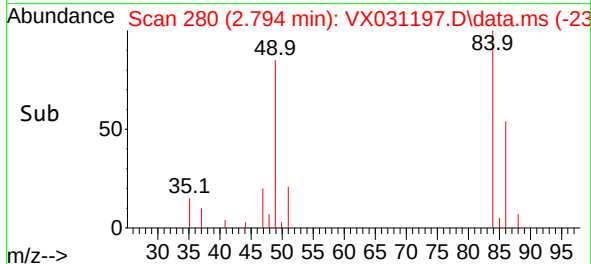
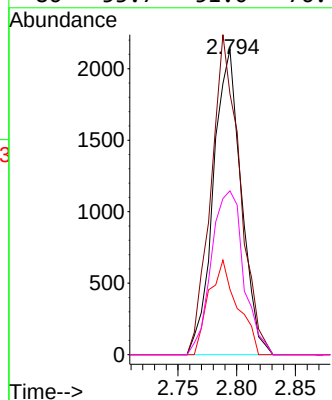
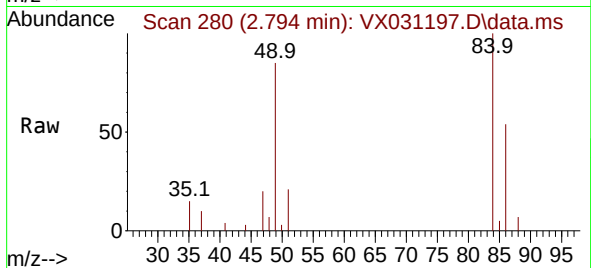
Ion Ratio Lower Upper

84 100

49 85.4 93.8 140.6#

51 21.4 29.4 44.0#

86 53.7 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: 66.288 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031197.D

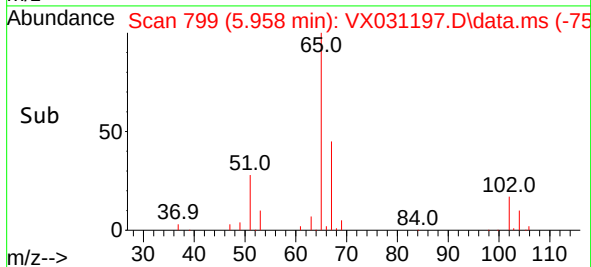
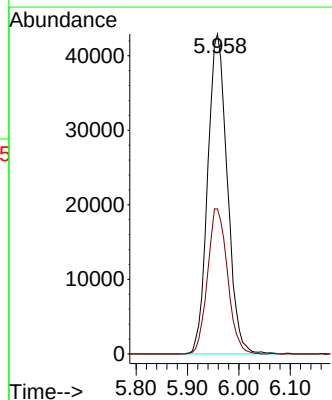
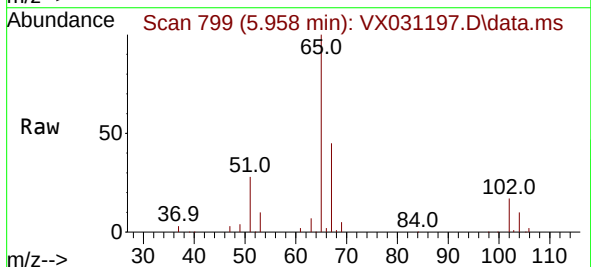
Acq: 08 Sep 2022 07:38

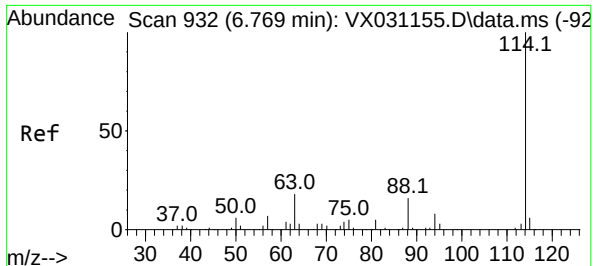
Tgt Ion: 65 Resp: 113637

Ion Ratio Lower Upper

65 100

67 46.2 0.0 109.6

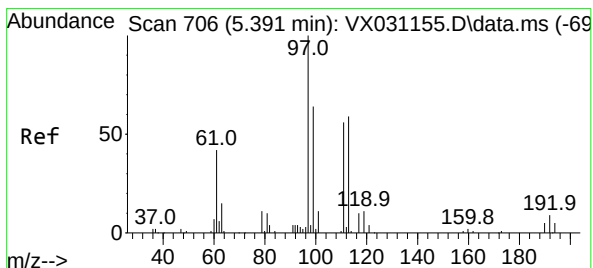
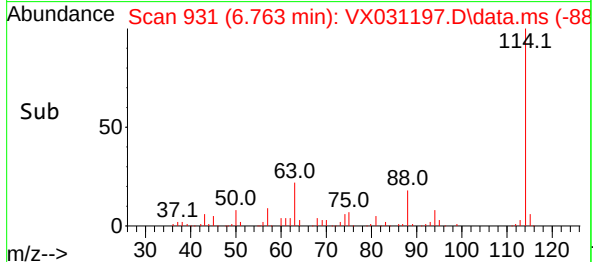
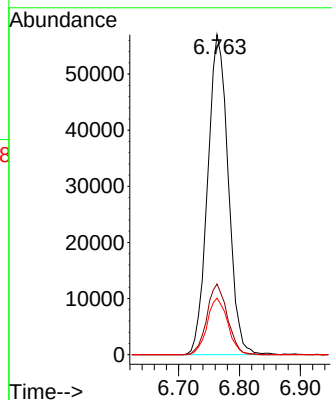
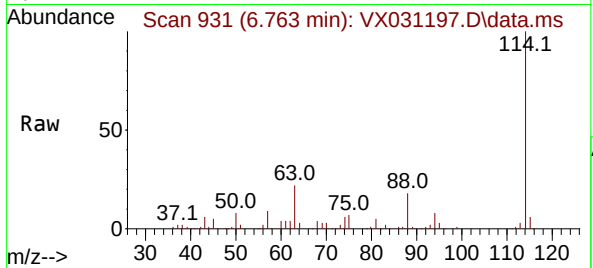




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

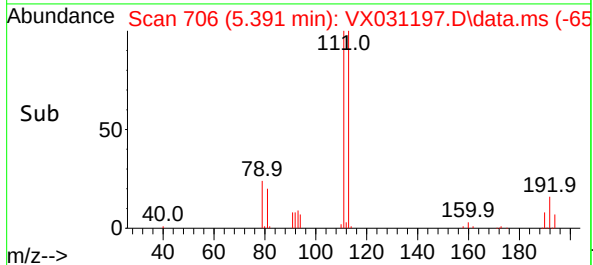
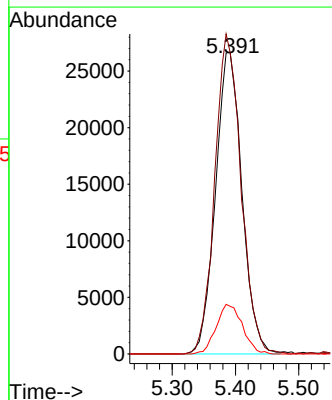
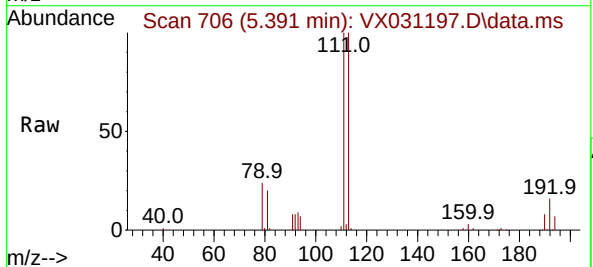
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

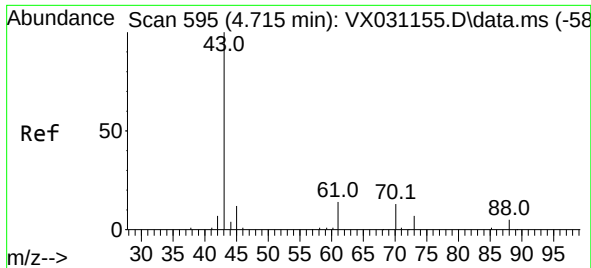
Tgt Ion:114 Resp: 133899
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.4
88 17.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.112 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion:113 Resp: 77498
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 16.2 14.8 22.2





#37

Ethyl Acetate

Concen: 5.602 ug/l m

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX031197.D

Acq: 08 Sep 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

PB147495ZHE#01

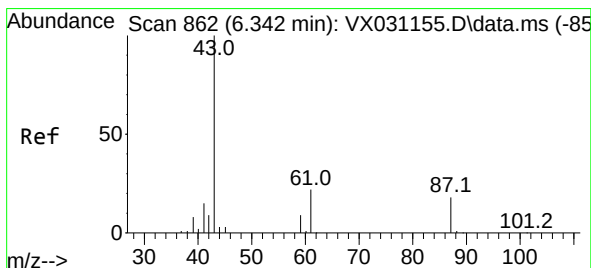
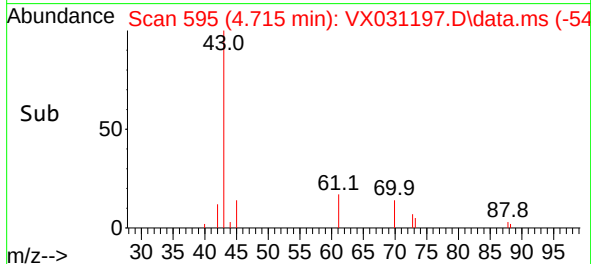
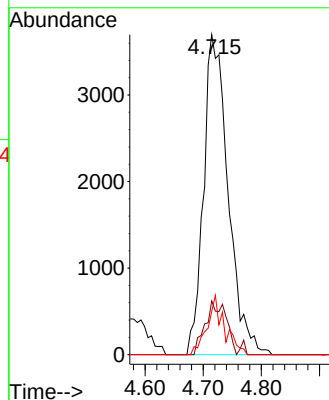
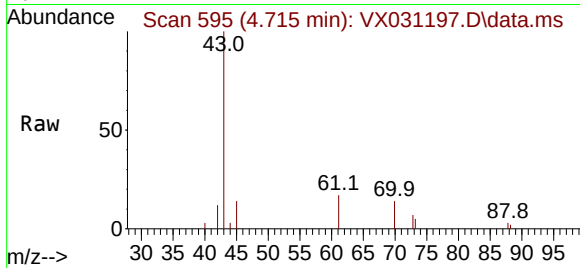
Tgt Ion: 43 Resp: 10859

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 9.3 13.9#



#43

Isopropyl Acetate

Concen: 15.500 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031197.D

Acq: 08 Sep 2022 07:38

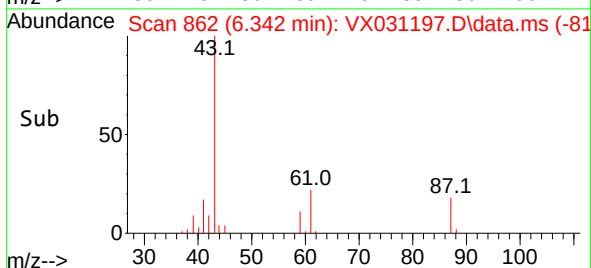
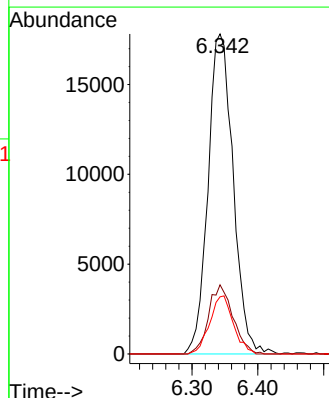
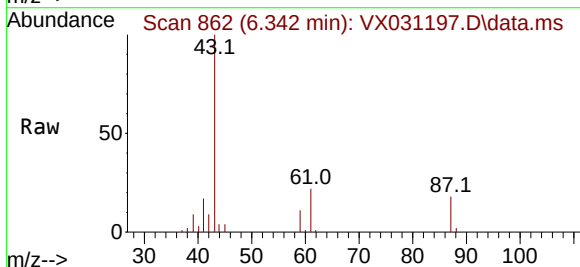
Tgt Ion: 43 Resp: 47374

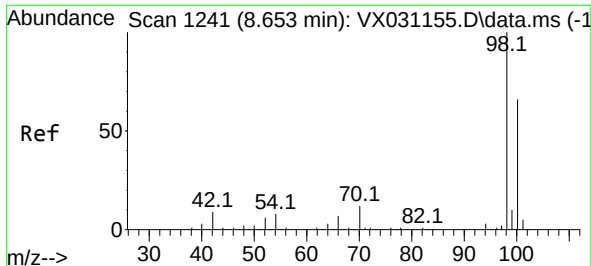
Ion Ratio Lower Upper

43 100

61 21.0 16.5 24.7

87 17.1 11.1 16.7#





#50

Toluene-d8

Concen: 50.605 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031197.D

Acq: 08 Sep 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

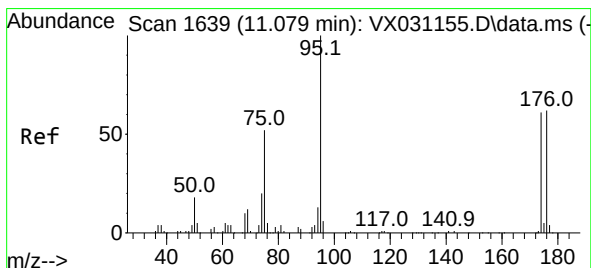
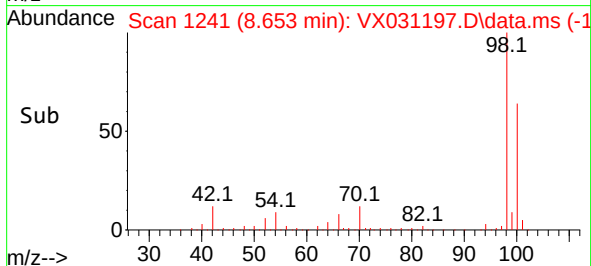
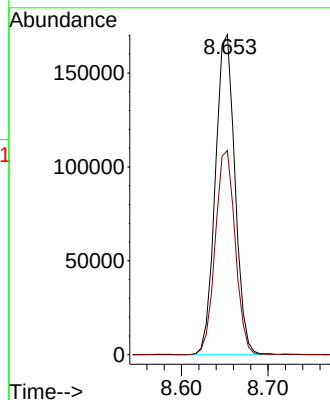
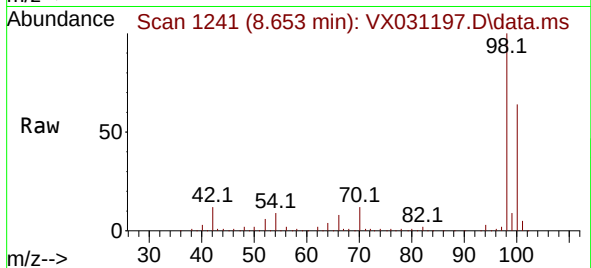
PB147495ZHE#01

Tgt Ion: 98 Resp: 268276

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 54.500 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031197.D

Acq: 08 Sep 2022 07:38

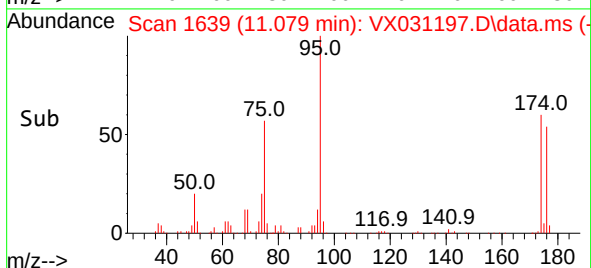
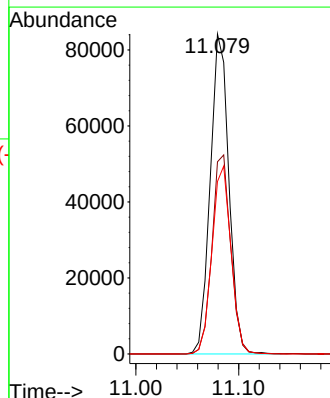
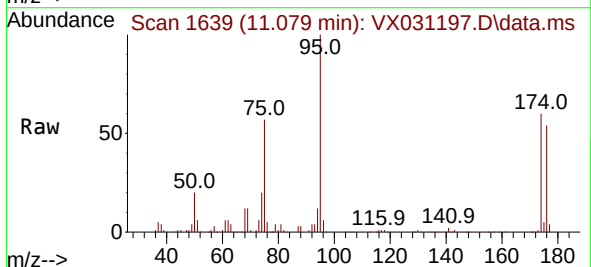
Tgt Ion: 95 Resp: 105881

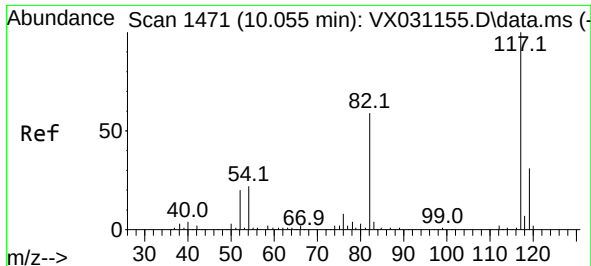
Ion Ratio Lower Upper

95 100

174 62.9 0.0 149.0

176 60.1 0.0 146.0

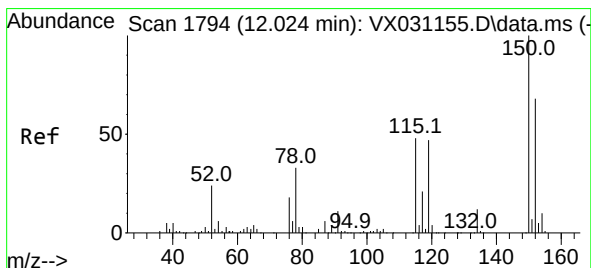
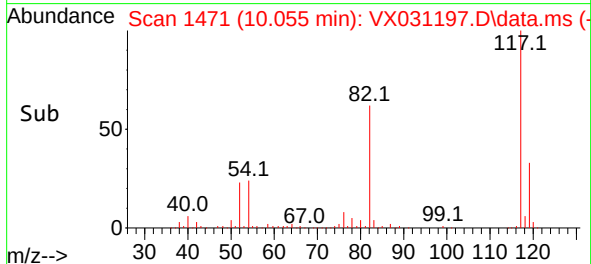
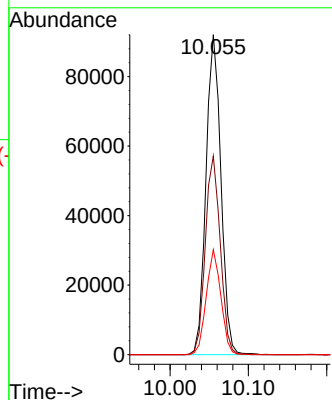
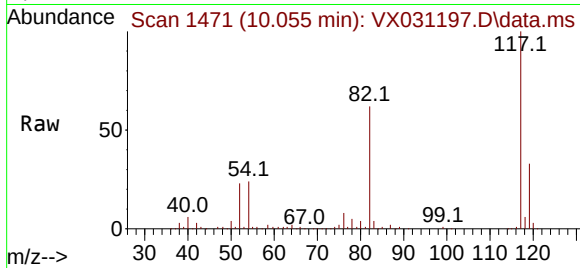




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

Tgt Ion:117 Resp: 121606
Ion Ratio Lower Upper
117 100
82 62.1 42.7 64.1
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion:152 Resp: 49669
Ion Ratio Lower Upper
152 100
115 71.0 40.5 121.5
150 161.3 0.0 347.0

