

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033481.D
 Acq On : 19 Dec 2022 13:59
 Operator : JC/MD
 Sample : PB149705ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149705ZHE#05

Quant Time: Dec 20 05:00:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

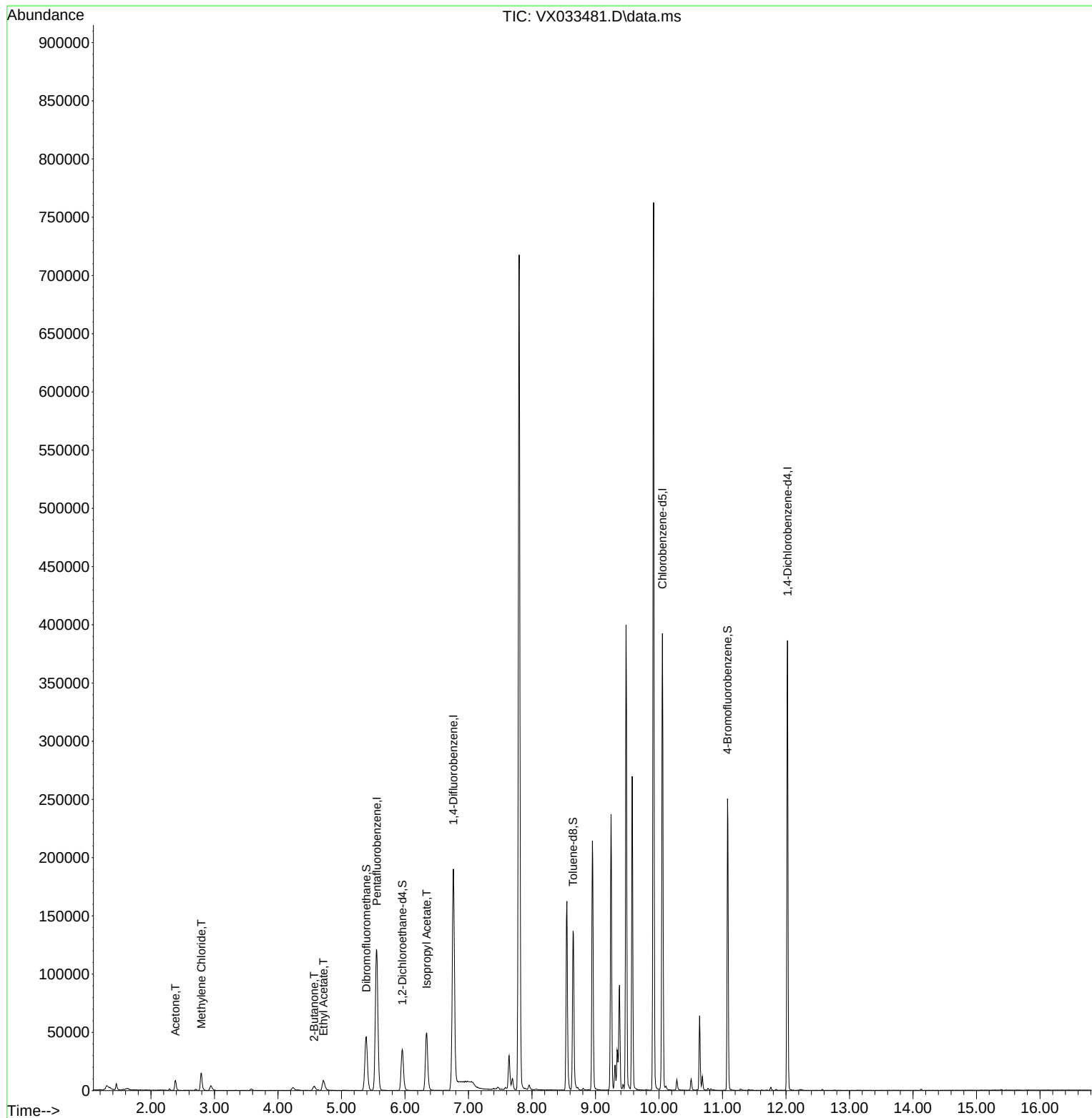
Internal Standards						
1) Pentafluorobenzene	5.556	168	117489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36407	48.302	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.600%
35) Dibromofluoromethane	5.391	113	40367	47.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	8.647	98	84845	47.236	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.480%
62) 4-Bromofluorobenzene	11.079	95	64993	47.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.640%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	10079	18.071	ug/l	97
20) Methylene Chloride	2.794	84	7930	6.375	ug/l #	87
25) 2-Butanone	4.568	43	5569	6.956	ug/l	92
37) Ethyl Acetate	4.714	43	15683	9.911	ug/l	100
43) Isopropyl Acetate	6.342	43	67304	26.434	ug/l	98

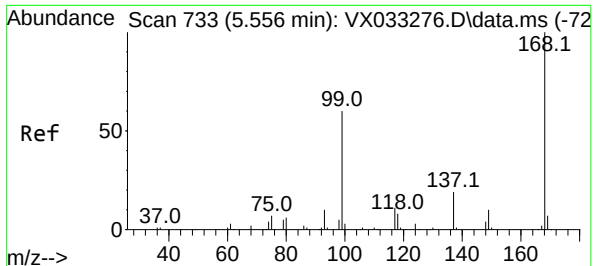
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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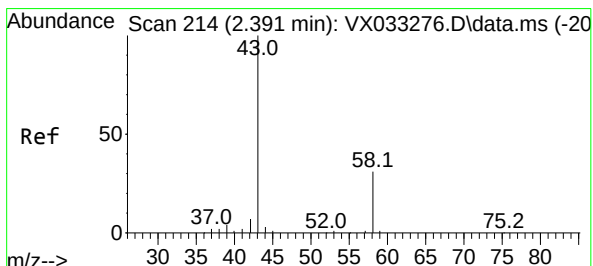
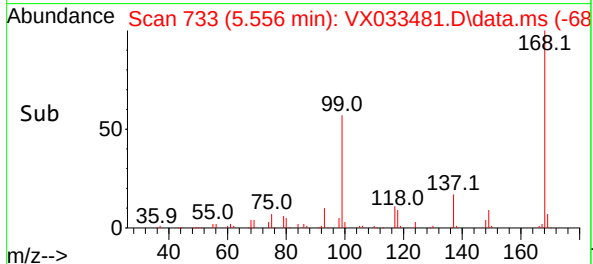
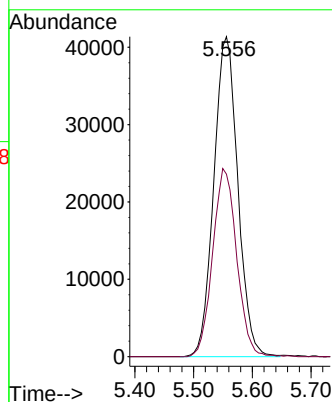
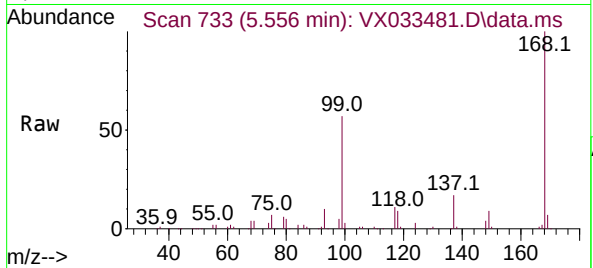




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033481.D
Acq: 19 Dec 2022 13:59

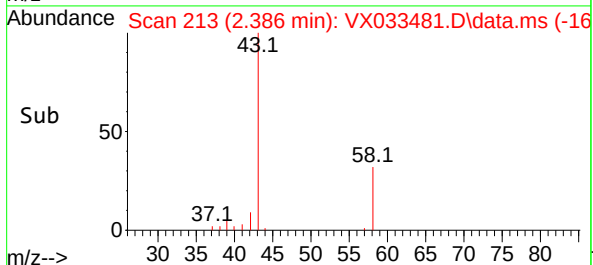
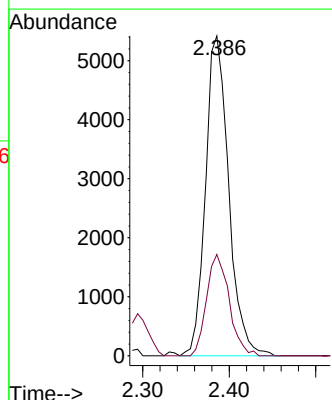
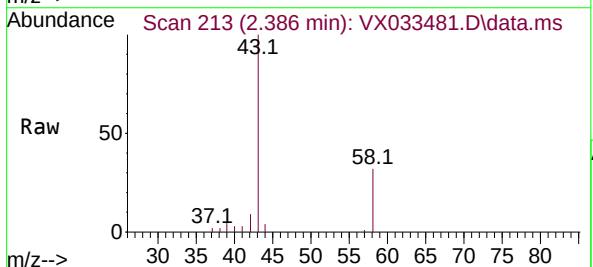
Instrument :
MSVOA_X
ClientSampleId :
PB149705ZHE#05

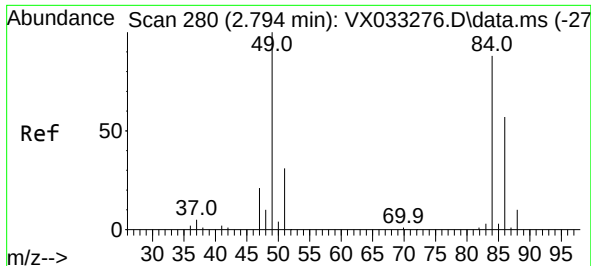
Tgt Ion:168 Resp: 117489
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#16
Acetone
Concen: 18.071 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033481.D
Acq: 19 Dec 2022 13:59

Tgt Ion: 43 Resp: 10079
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.8





#20

Methylene Chloride

Concen: 6.375 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033481.D

Acq: 19 Dec 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

PB149705ZHE#05

Tgt Ion: 84 Resp: 7930

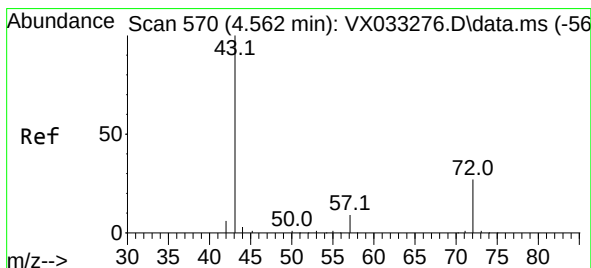
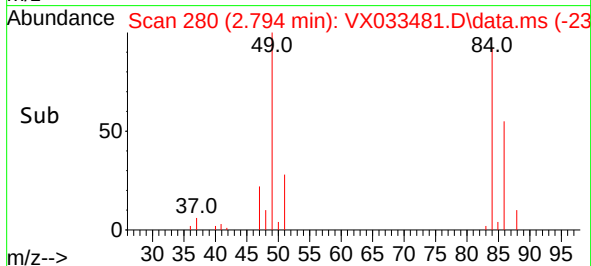
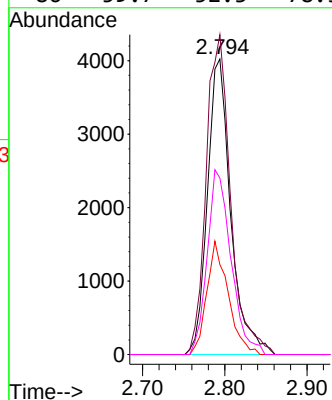
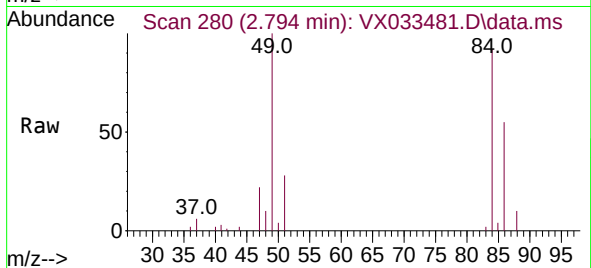
Ion Ratio Lower Upper

84 100

49 108.3 101.0 151.6

51 30.4 31.1 46.7#

86 59.7 52.3 78.5



#25

2-Butanone

Concen: 6.956 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX033481.D

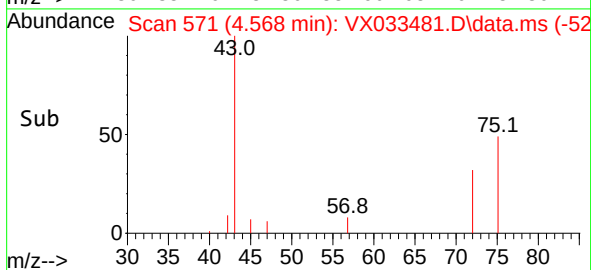
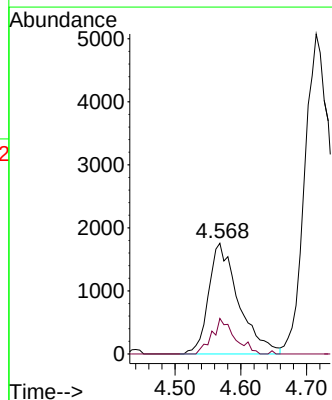
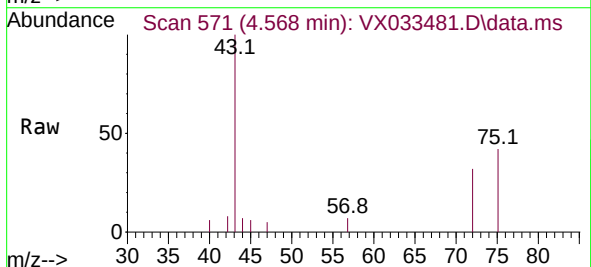
Acq: 19 Dec 2022 13:59

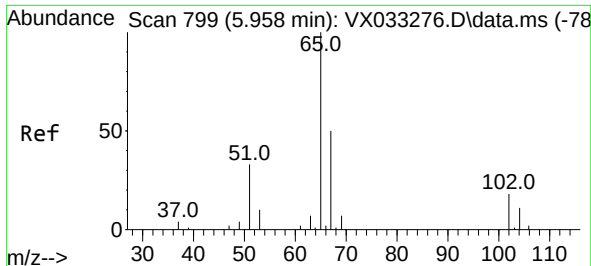
Tgt Ion: 43 Resp: 5569

Ion Ratio Lower Upper

43 100

72 32.0 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 48.302 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033481.D

Acq: 19 Dec 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

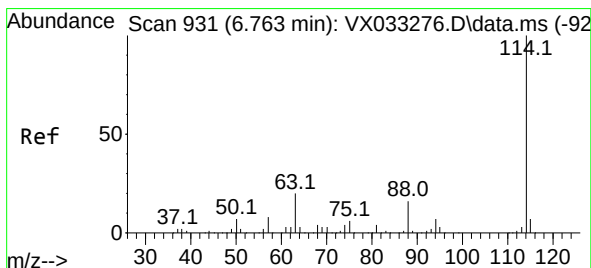
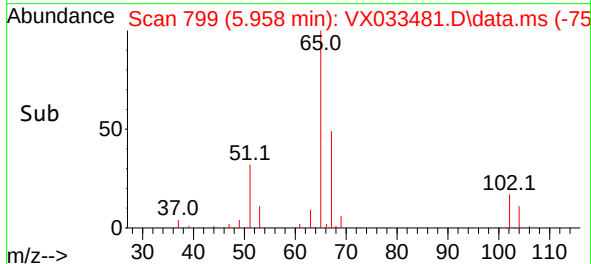
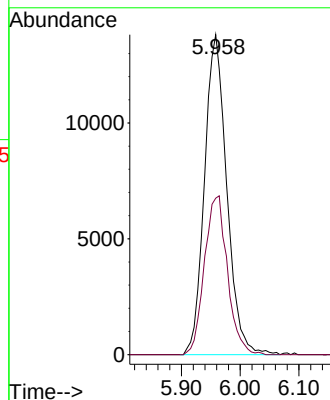
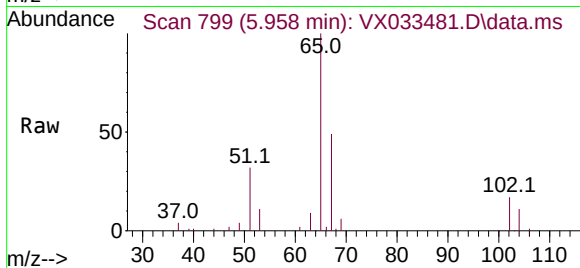
PB149705ZHE#05

Tgt Ion: 65 Resp: 36407

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033481.D

Acq: 19 Dec 2022 13:59

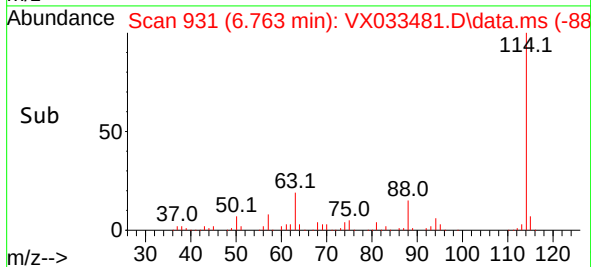
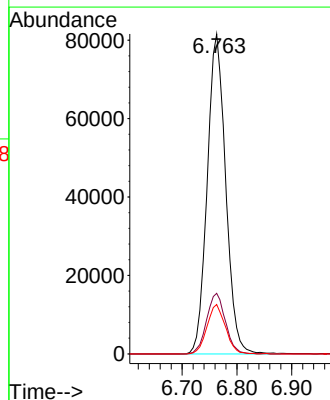
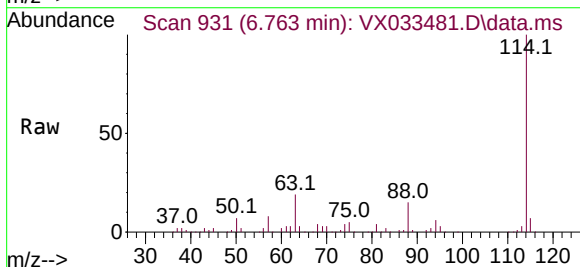
Tgt Ion: 114 Resp: 190898

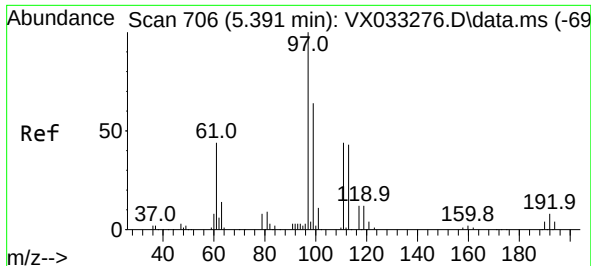
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.014 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033481.D

Acq: 19 Dec 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

PB149705ZHE#05

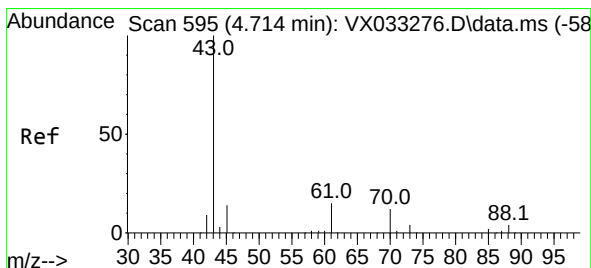
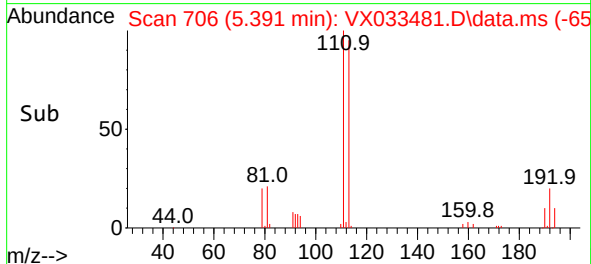
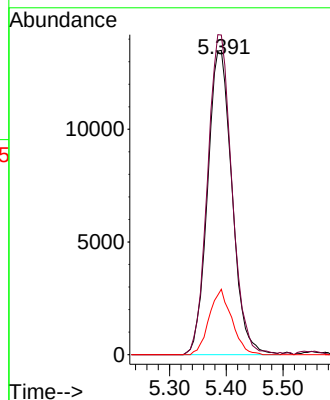
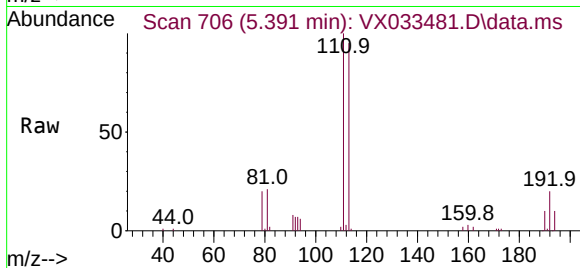
Tgt Ion:113 Resp: 40367

Ion Ratio Lower Upper

113 100

111 104.9 82.4 123.6

192 19.8 15.4 23.2



#37

Ethyl Acetate

Concen: 9.911 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033481.D

Acq: 19 Dec 2022 13:59

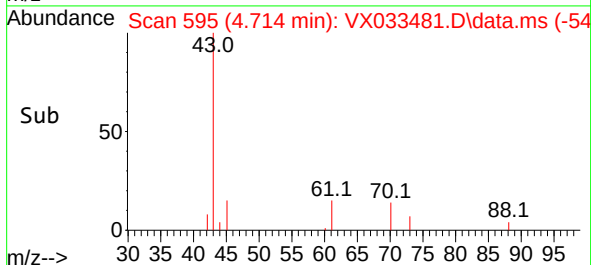
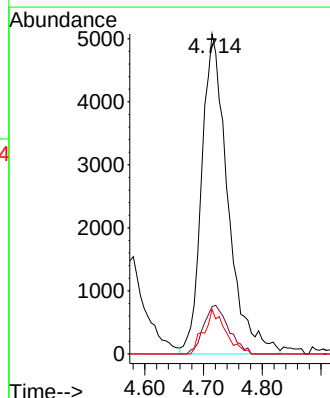
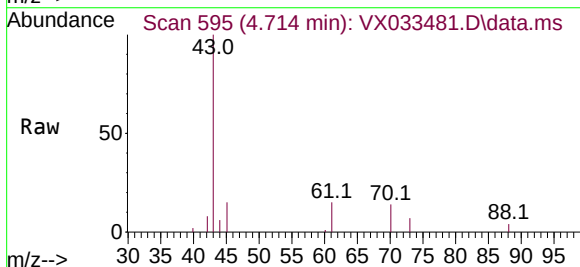
Tgt Ion: 43 Resp: 15683

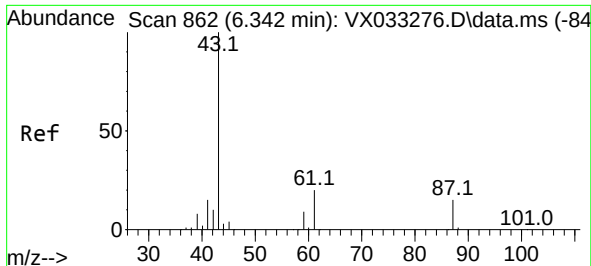
Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

70 11.5 9.1 13.7

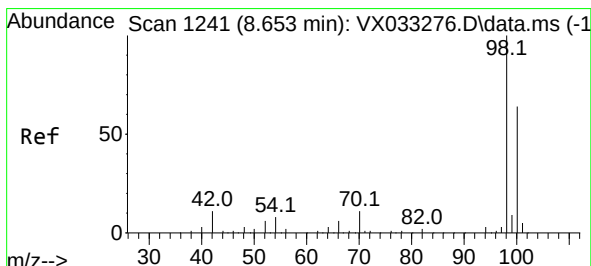
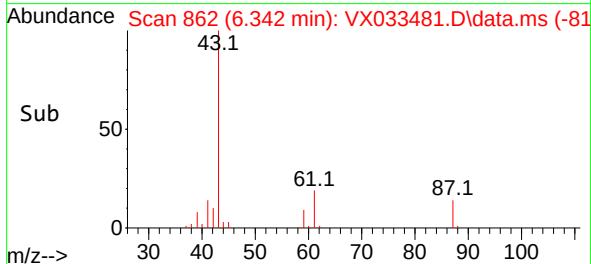
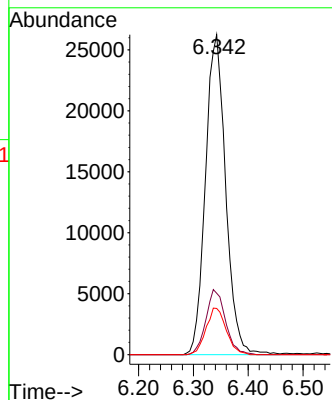
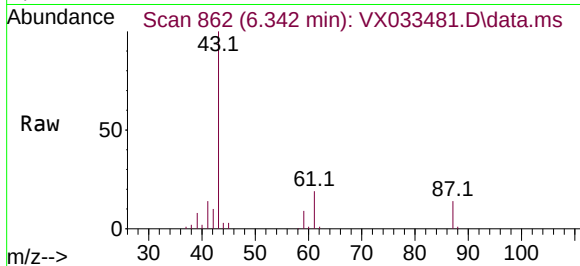




#43
Isopropyl Acetate
Concen: 26.434 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033481.D
Acq: 19 Dec 2022 13:59

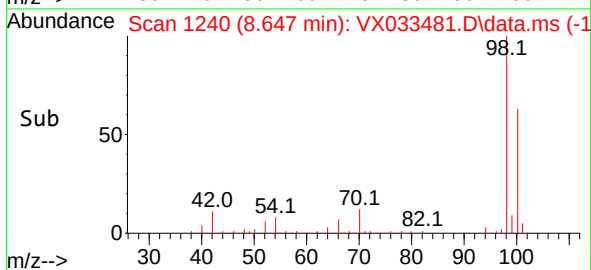
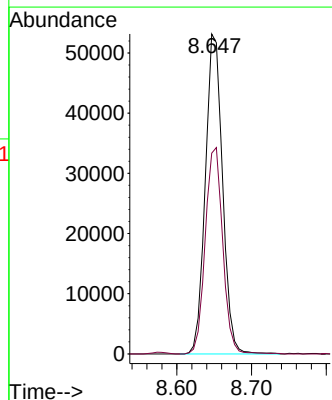
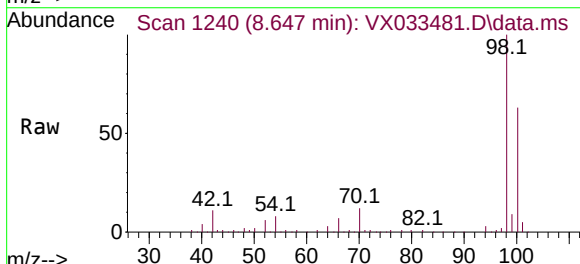
Instrument :
MSVOA_X
ClientSampleId :
PB149705ZHE#05

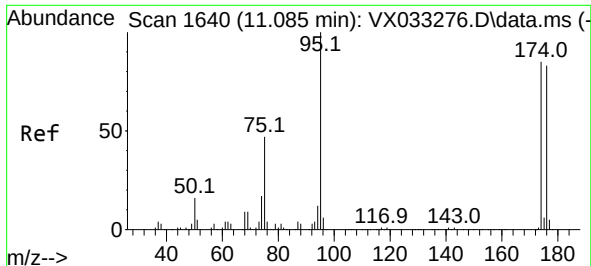
Tgt Ion: 43 Resp: 67304
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0
87 14.5 10.8 16.2



#50
Toluene-d8
Concen: 47.236 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033481.D
Acq: 19 Dec 2022 13:59

Tgt Ion: 98 Resp: 84845
Ion Ratio Lower Upper
98 100
100 65.5 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.323 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033481.D

Acq: 19 Dec 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

PB149705ZHE#05

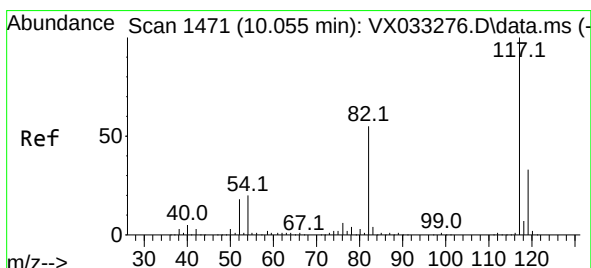
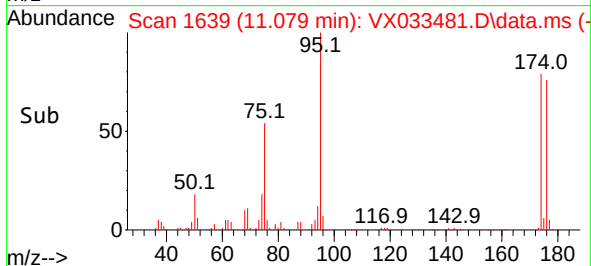
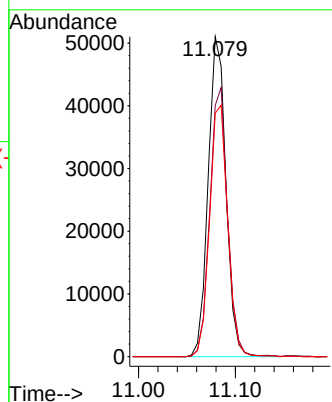
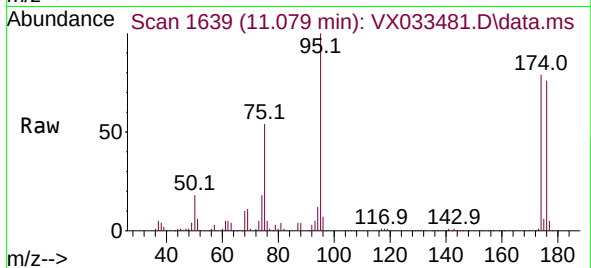
Tgt Ion: 95 Resp: 64993

Ion Ratio Lower Upper

95 100

174 84.3 0.0 164.0

176 80.3 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033481.D

Acq: 19 Dec 2022 13:59

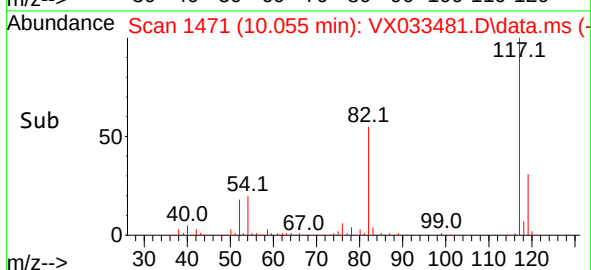
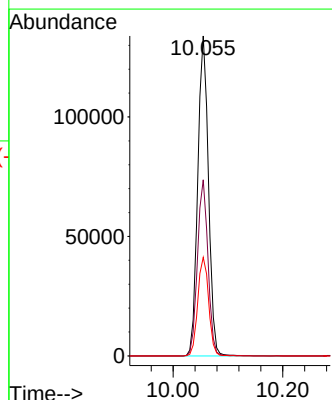
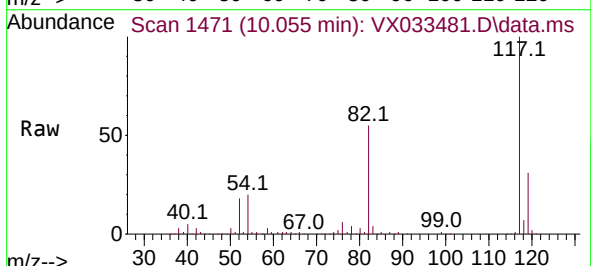
Tgt Ion: 117 Resp: 179988

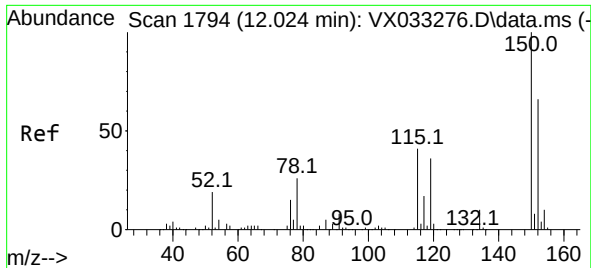
Ion Ratio Lower Upper

117 100

82 55.0 44.3 66.5

119 30.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033481.D

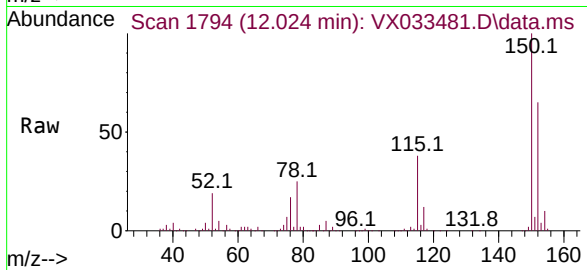
Acq: 19 Dec 2022 13:59

Instrument :

MSVOA_X

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PB149705ZHE#05



Tgt Ion:152 Resp: 79210

Ion Ratio Lower Upper

152 100

115 60.0 44.0 132.0

150 157.9 0.0 351.8

