

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033479.D
 Acq On : 19 Dec 2022 13:13
 Operator : JC/MD
 Sample : PB149705ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149705ZHE#03

Quant Time: Dec 20 05:00:25 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)

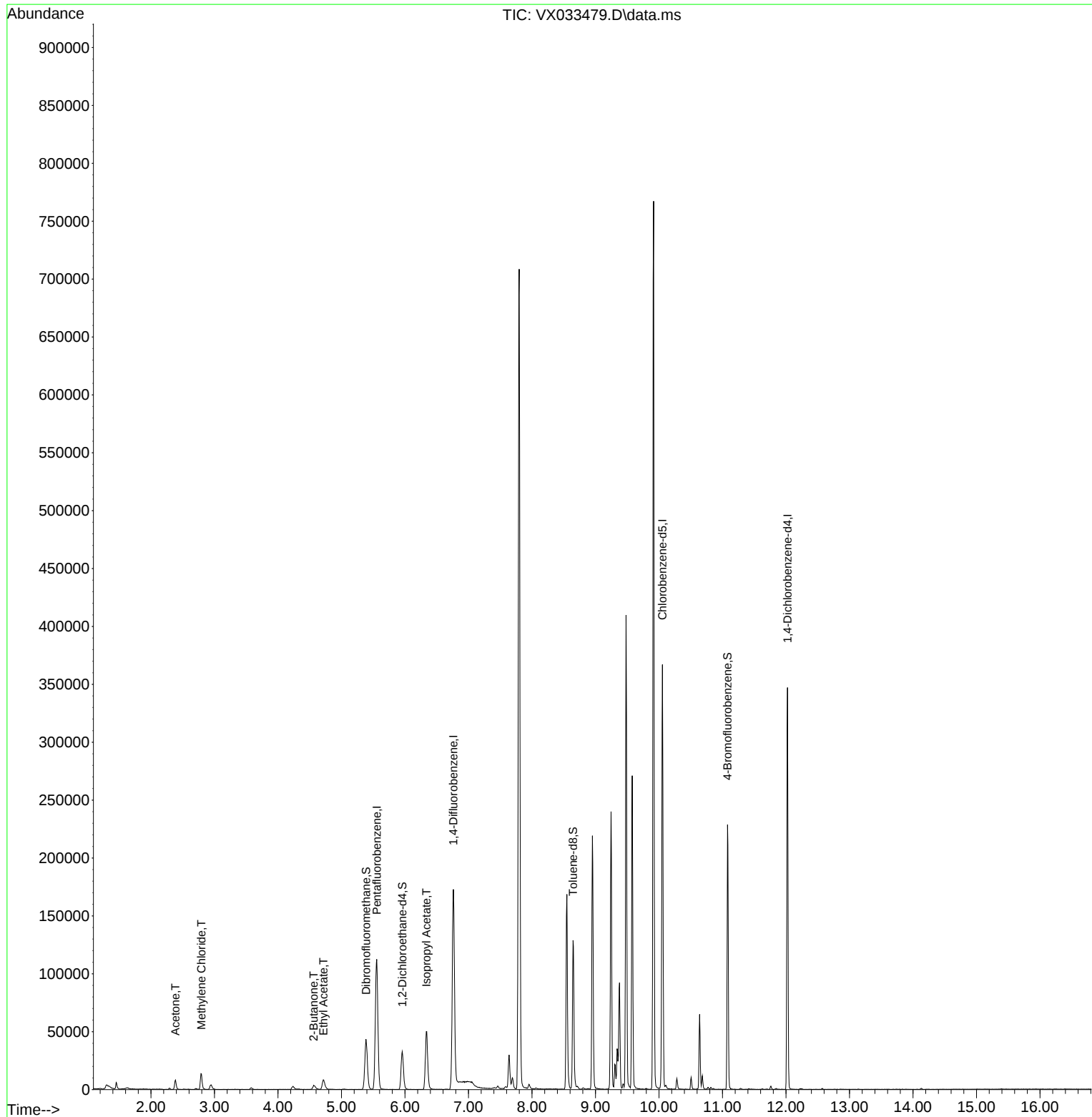
Internal Standards						
1) Pentafluorobenzene	5.556	168	108640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34088	48.909	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.820%
35) Dibromofluoromethane	5.385	113	37805	48.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	8.647	98	78570	47.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.920%
62) 4-Bromofluorobenzene	11.079	95	60699	48.453	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.900%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	9438	18.300	ug/l	99
20) Methylene Chloride	2.794	84	7158	6.223	ug/l #	86
25) 2-Butanone	4.562	43	5315	7.180	ug/l #	89
37) Ethyl Acetate	4.714	43	15631	10.829	ug/l	98
43) Isopropyl Acetate	6.336	43	67186	28.929	ug/l	98

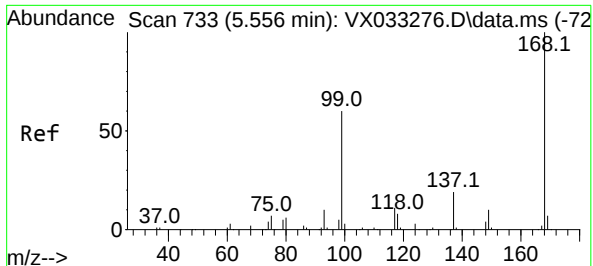
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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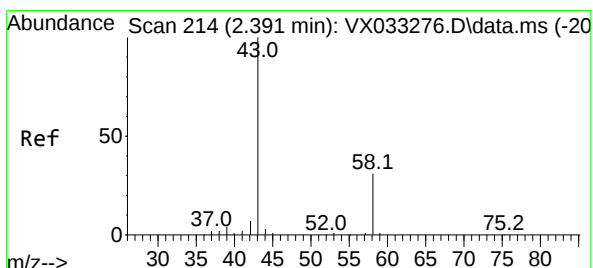
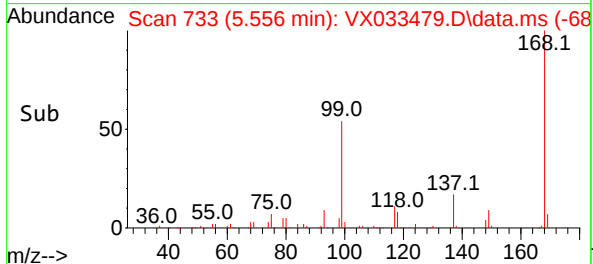
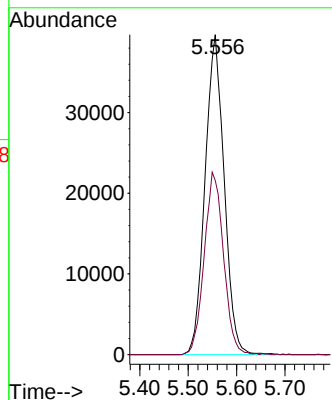
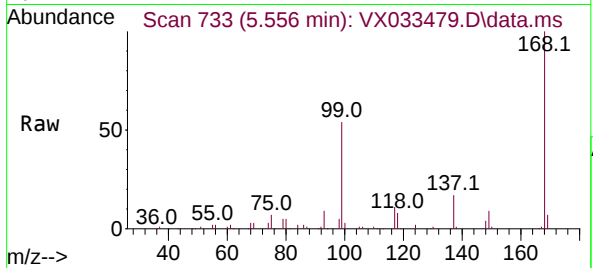




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

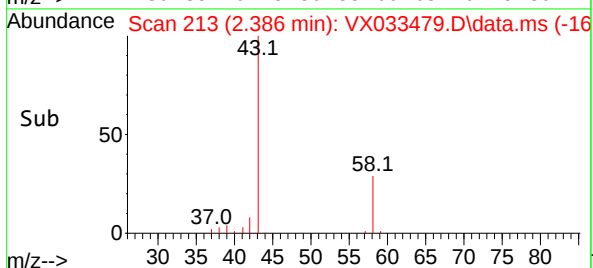
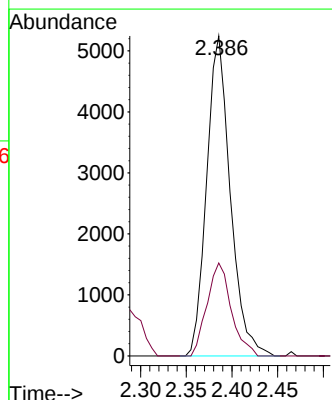
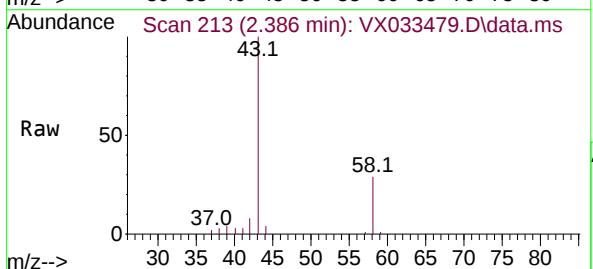
Instrument :
MSVOA_X
ClientSampleId :
PB149705ZHE#03

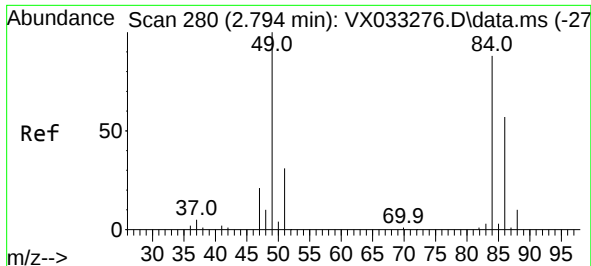
Tgt Ion:168 Resp: 108640
Ion Ratio Lower Upper
168 100
99 54.4 46.1 69.1



#16
Acetone
Concen: 18.300 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Tgt Ion: 43 Resp: 9438
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.8





#20

Methylene Chloride

Concen: 6.223 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

PB149705ZHE#03

Tgt Ion: 84 Resp: 7158

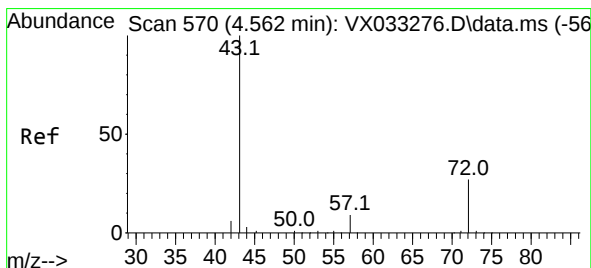
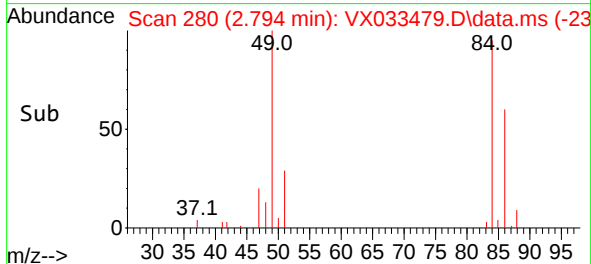
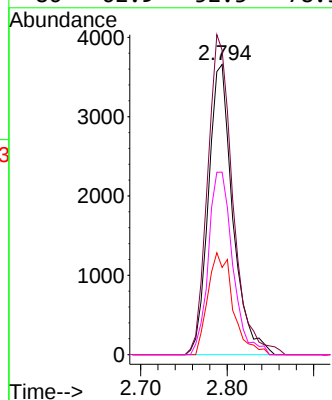
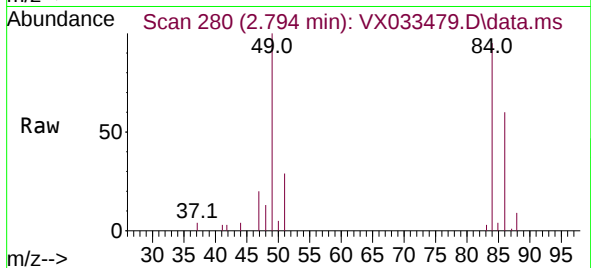
Ion Ratio Lower Upper

84 100

49 104.9 101.0 151.6

51 30.0 31.1 46.7#

86 62.9 52.3 78.5



#25

2-Butanone

Concen: 7.180 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX033479.D

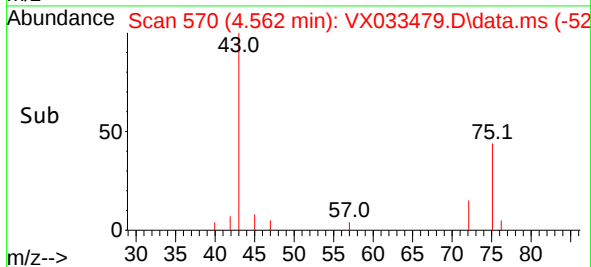
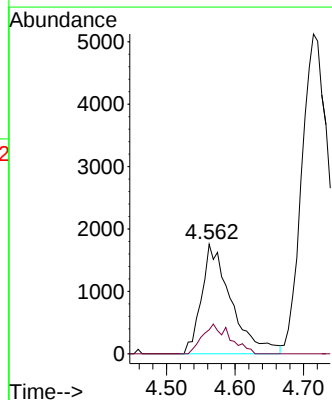
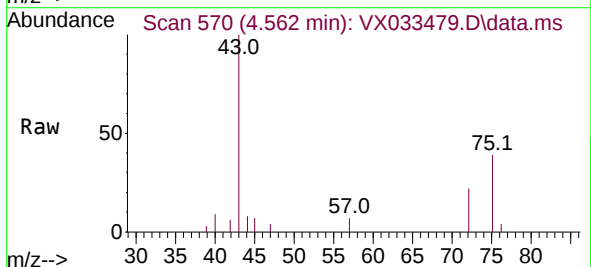
Acq: 19 Dec 2022 13:13

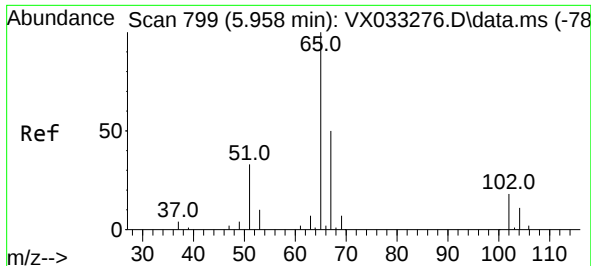
Tgt Ion: 43 Resp: 5315

Ion Ratio Lower Upper

43 100

72 22.0 22.2 33.2#

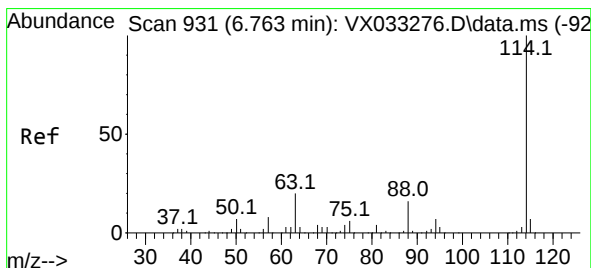
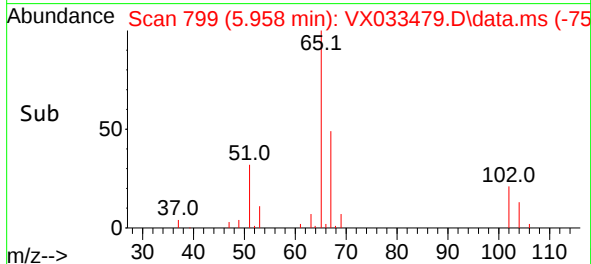
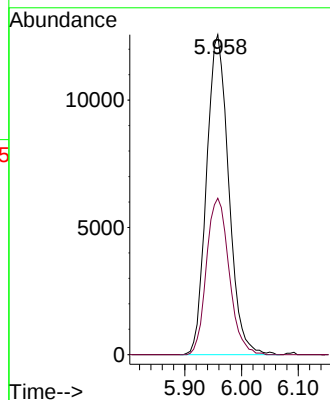
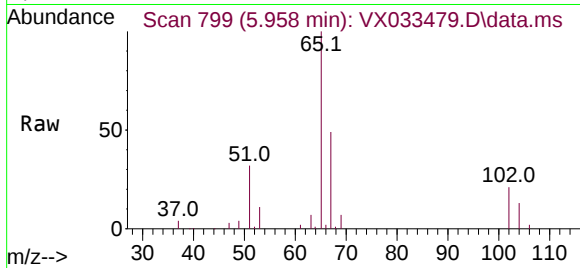




#33
1,2-Dichloroethane-d4
Concen: 48.909 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

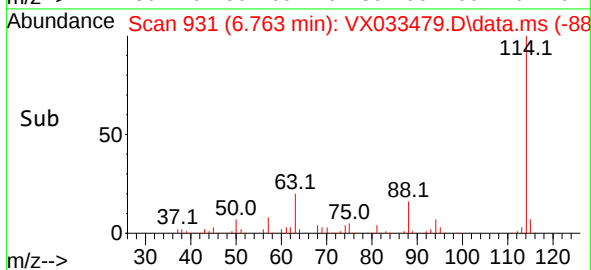
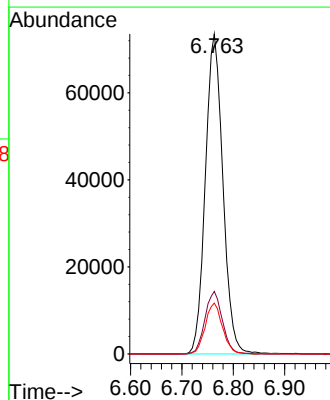
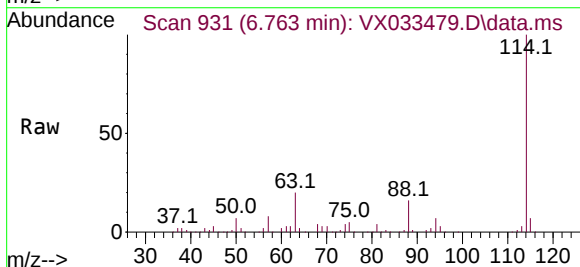
Instrument :
MSVOA_X
ClientSampleId :
PB149705ZHE#03

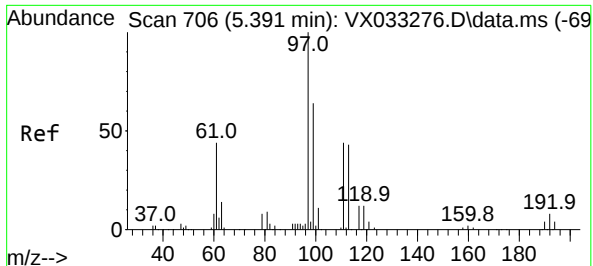
Tgt Ion: 65 Resp: 34088
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Tgt Ion: 114 Resp: 174129
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.270 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

PB149705ZHE#03

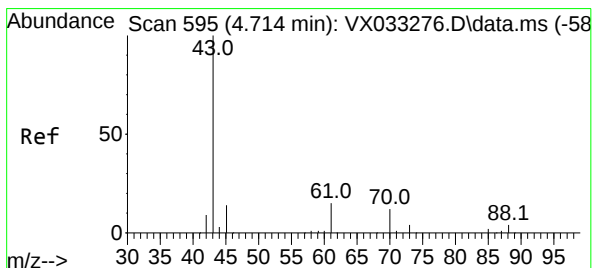
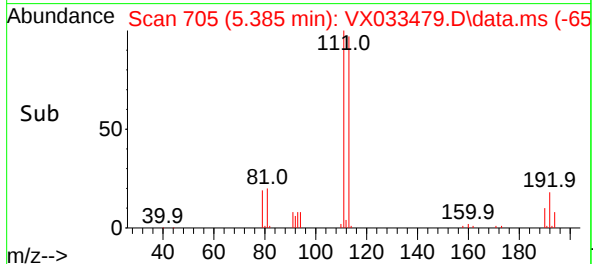
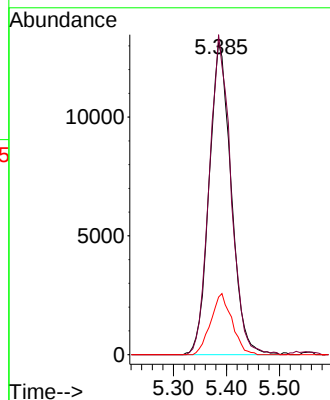
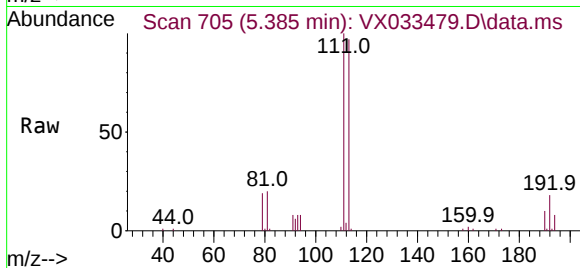
Tgt Ion:113 Resp: 37805

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

192 18.9 15.4 23.2



#37

Ethyl Acetate

Concen: 10.829 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

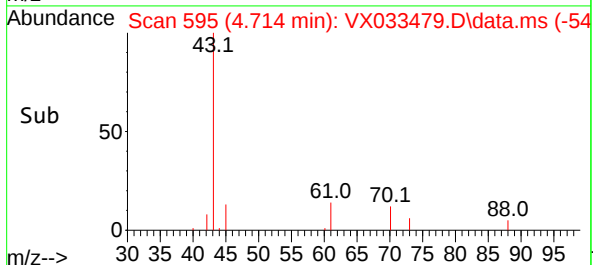
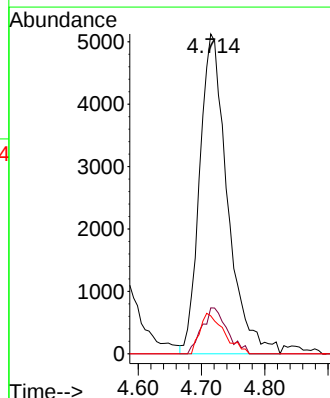
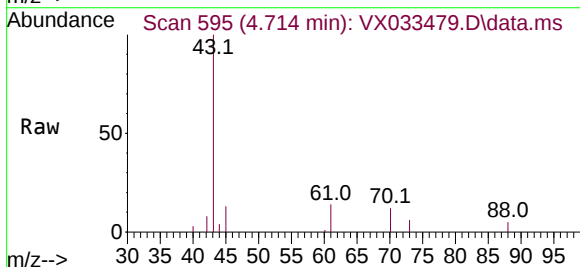
Tgt Ion: 43 Resp: 15631

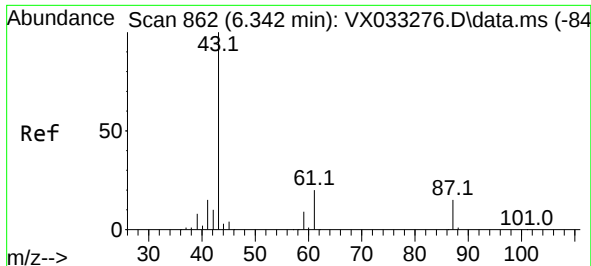
Ion Ratio Lower Upper

43 100

61 13.0 11.5 17.3

70 11.0 9.1 13.7

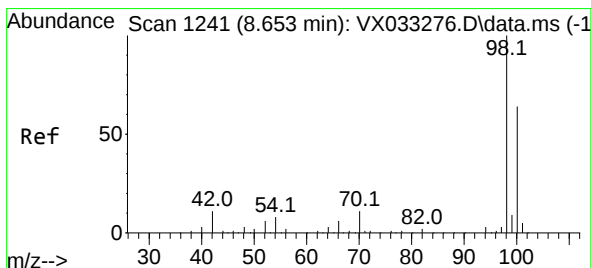
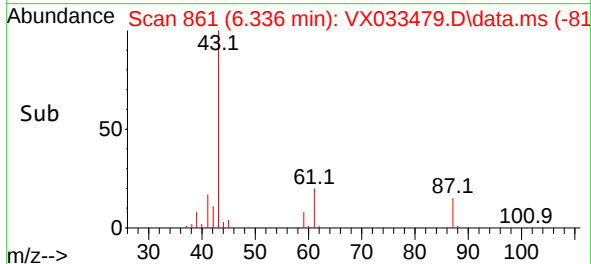
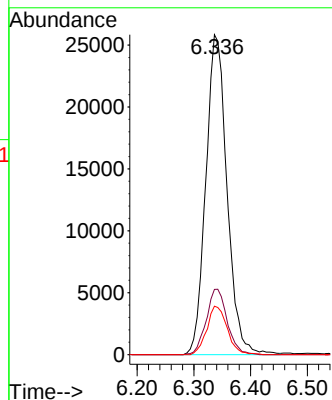
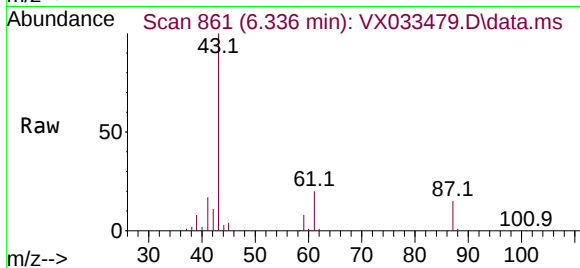




#43
Isopropyl Acetate
Concen: 28.929 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

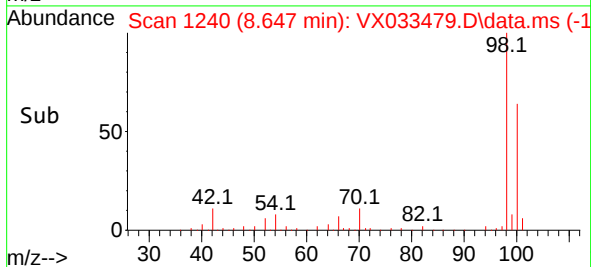
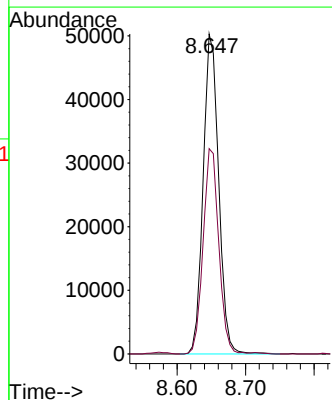
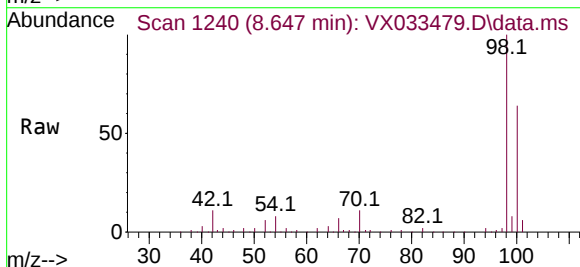
Instrument :
MSVOA_X
ClientSampleId :
PB149705ZHE#03

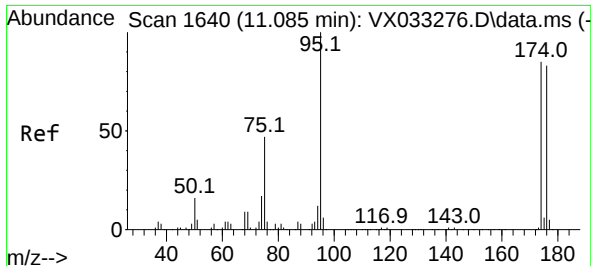
Tgt Ion: 43 Resp: 67186
Ion Ratio Lower Upper
43 100
61 20.1 15.4 23.0
87 14.6 10.8 16.2



#50
Toluene-d8
Concen: 47.955 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033479.D
Acq: 19 Dec 2022 13:13

Tgt Ion: 98 Resp: 78570
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 48.453 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033479.D

Acq: 19 Dec 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

PB149705ZHE#03

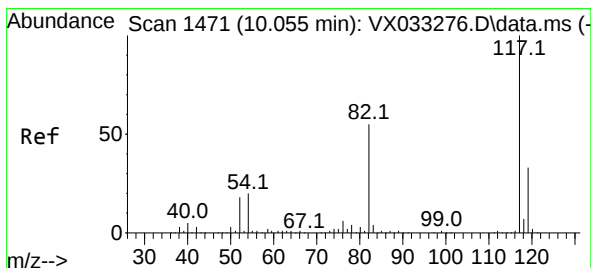
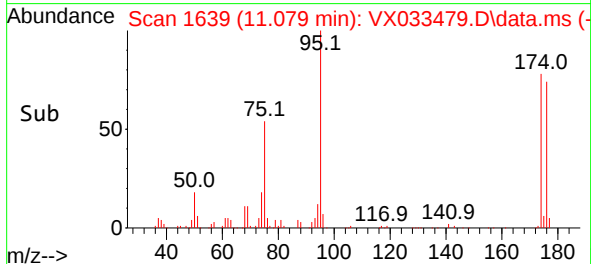
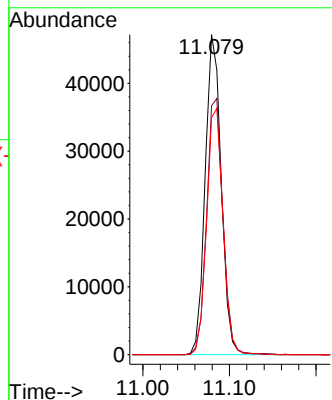
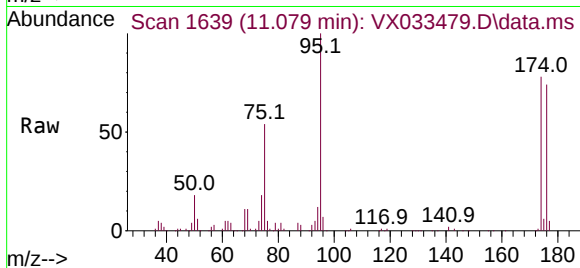
Tgt Ion: 95 Resp: 60699

Ion Ratio Lower Upper

95 100

174 81.8 0.0 164.0

176 78.9 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: VX033479.D

Acq: 19 Dec 2022 13:13

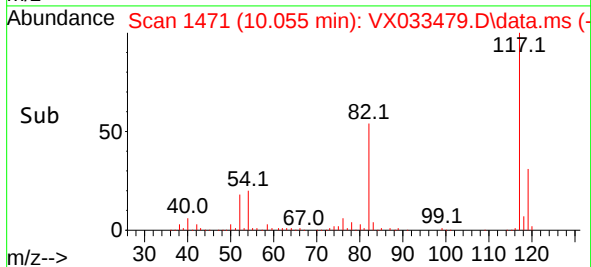
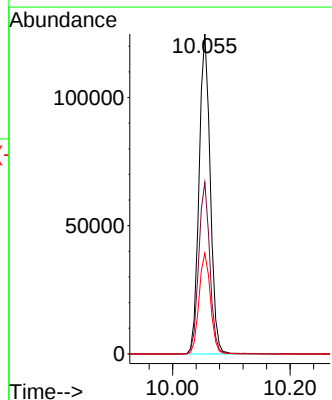
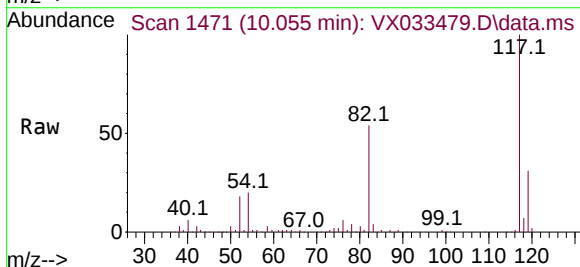
Tgt Ion: 117 Resp: 164435

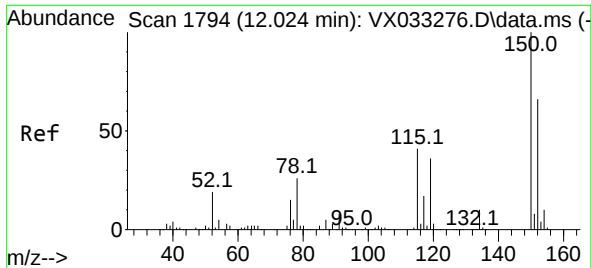
Ion Ratio Lower Upper

117 100

82 53.6 44.3 66.5

119 31.5 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: VX033479.D

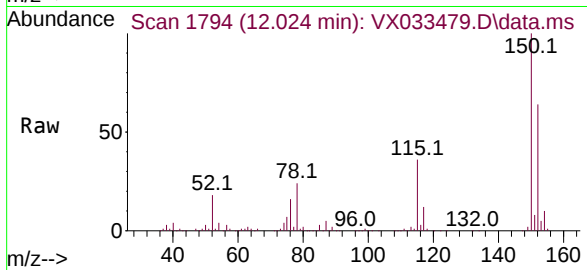
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PB149705ZHE#03



Tgt Ion:152 Resp: 73292

Ion Ratio Lower Upper

152 100

115 58.9 44.0 132.0

150 156.5 0.0 351.8

