

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033480.D
 Acq On : 19 Dec 2022 13:36
 Operator : JC/MD
 Sample : PB149705ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149705ZHE#04

Quant Time: Dec 20 05:00:34 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)

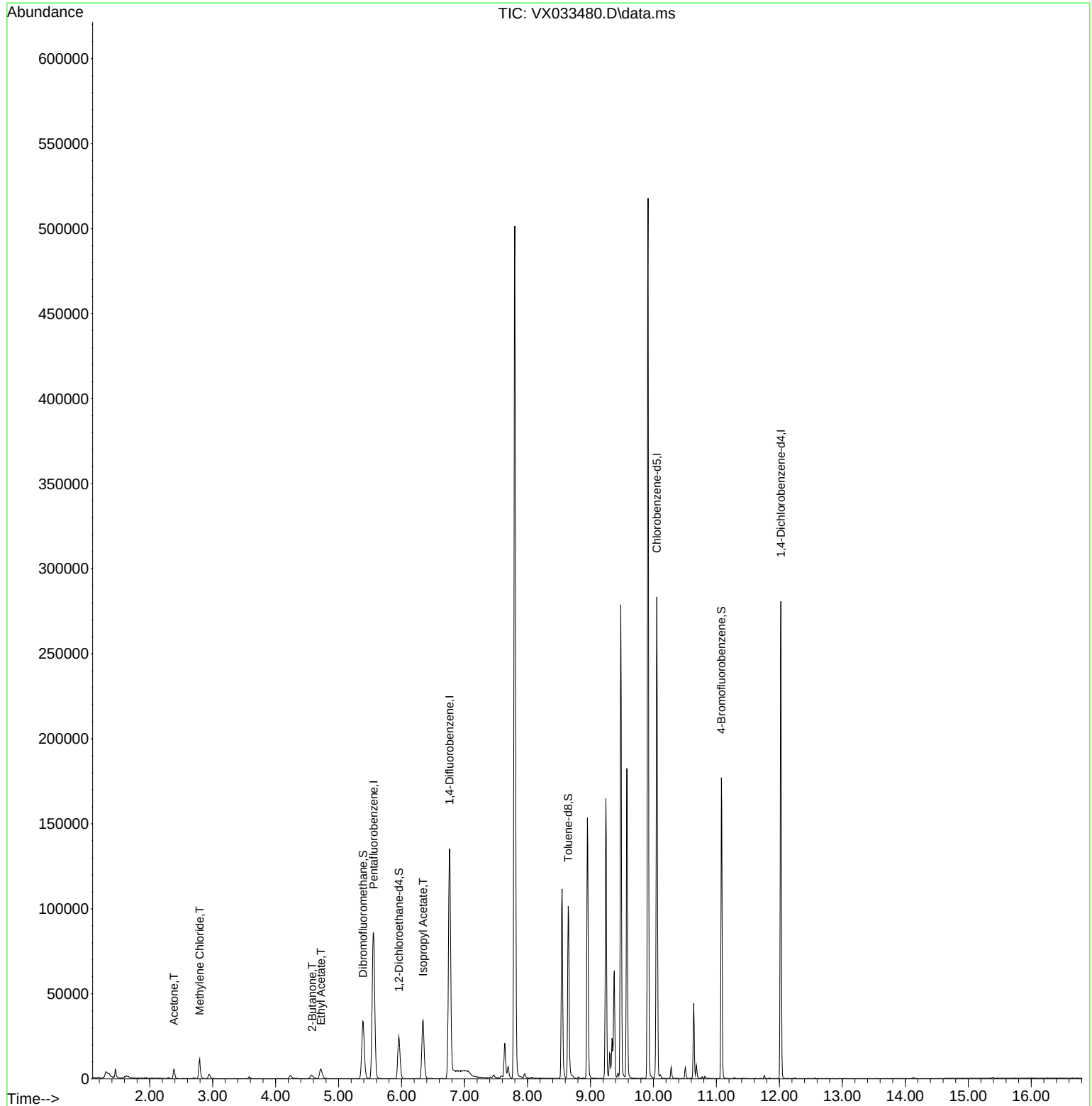
Internal Standards						
1) Pentafluorobenzene	5.556	168	89269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	23589	41.190	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.380%
35) Dibromofluoromethane	5.385	113	29302	45.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.400%
50) Toluene-d8	8.647	98	62343	46.480	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.960%
62) 4-Bromofluorobenzene	11.079	95	44773	43.657	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.320%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	6591	15.553	ug/l	91
20) Methylene Chloride	2.794	84	5646	5.974	ug/l	87
25) 2-Butanone	4.580	43	3585	5.894	ug/l #	86
37) Ethyl Acetate	4.721	43	10625	8.992	ug/l	100
43) Isopropyl Acetate	6.342	43	46172	24.285	ug/l	98

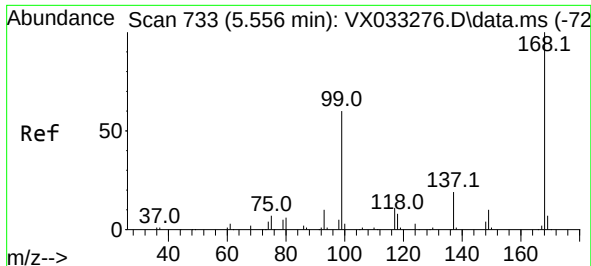
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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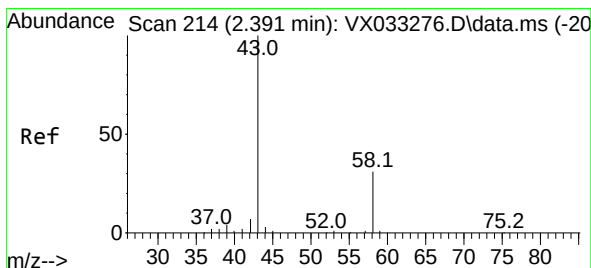
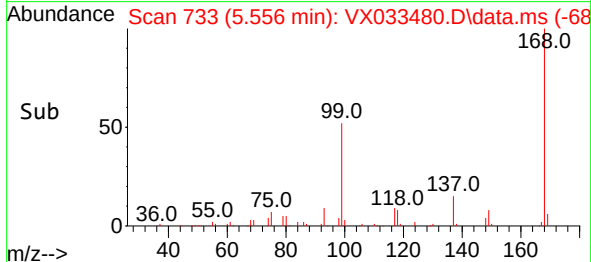
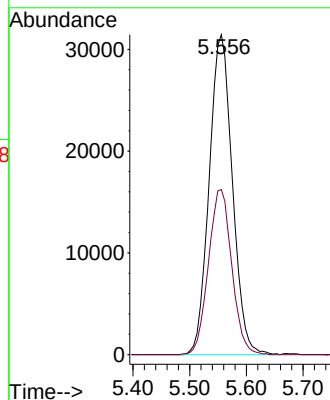
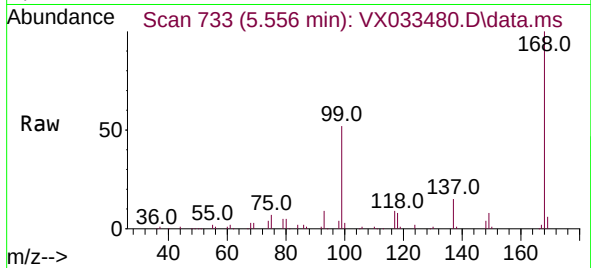




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033480.D
Acq: 19 Dec 2022 13:36

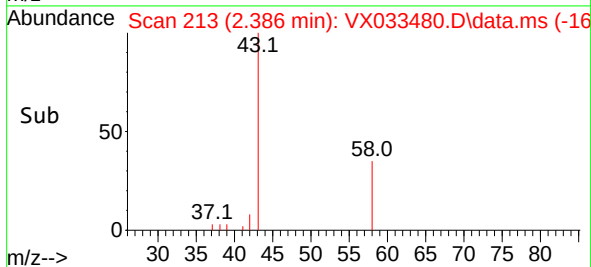
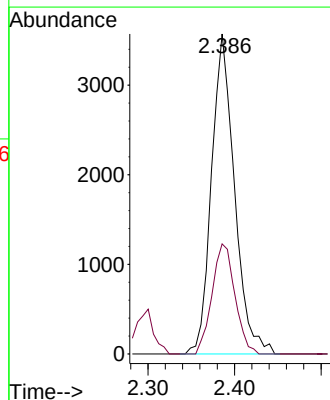
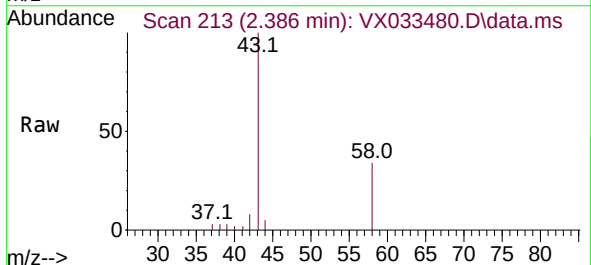
Instrument :
MSVOA_X
ClientSampleId :
PB149705ZHE#04

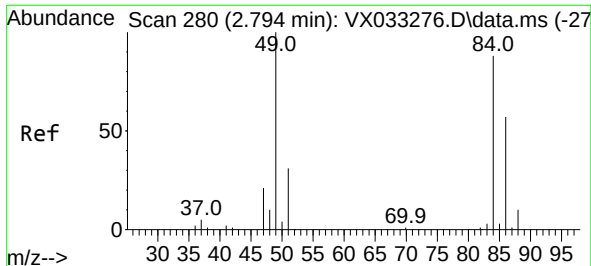
Tgt Ion:168 Resp: 89269
Ion Ratio Lower Upper
168 100
99 51.6 46.1 69.1



#16
Acetone
Concen: 15.553 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033480.D
Acq: 19 Dec 2022 13:36

Tgt Ion: 43 Resp: 6591
Ion Ratio Lower Upper
43 100
58 34.4 23.8 35.8

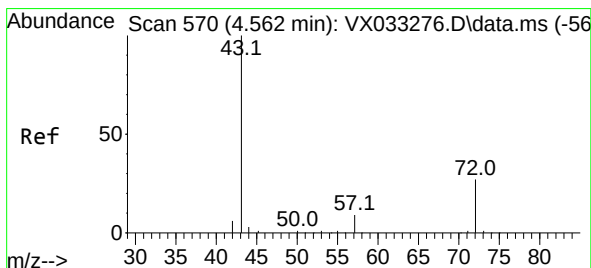
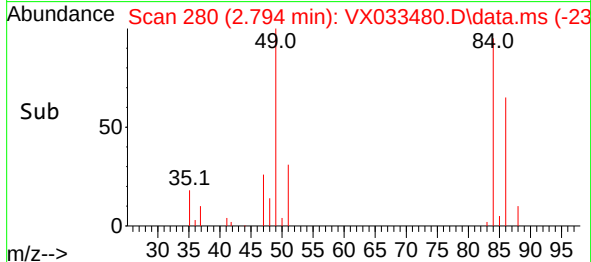
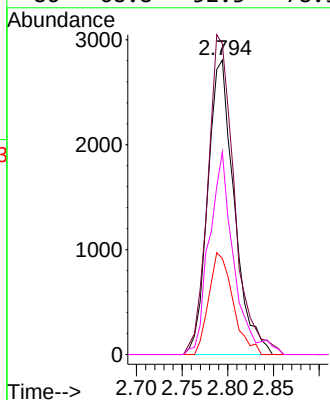
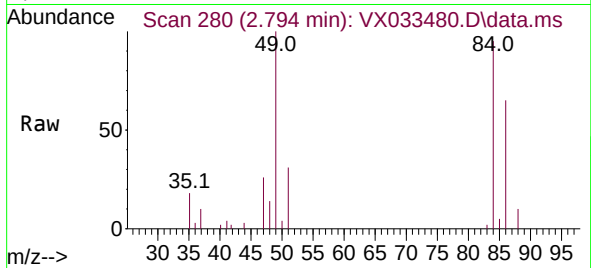




#20
Methylene Chloride
Concen: 5.974 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033480.D
Acq: 19 Dec 2022 13:36

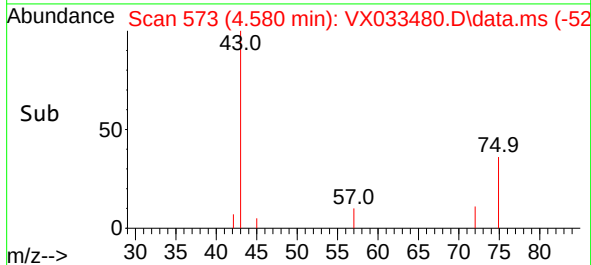
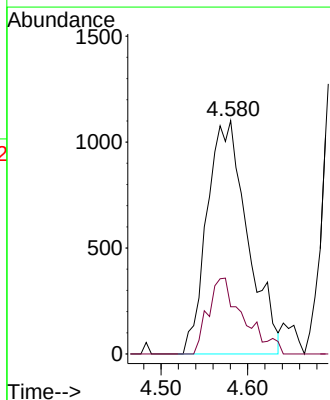
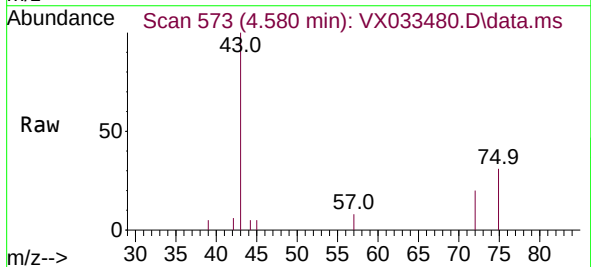
Instrument :
MSVOA_X
ClientSampleId :
PB149705ZHE#04

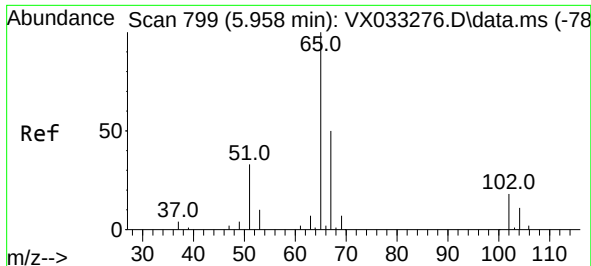
Tgt Ion: 84	Resp: 5646
Ion Ratio	Lower Upper
84 100	
49 105.5	101.0 151.6
51 32.6	31.1 46.7
86 68.8	52.3 78.5



#25
2-Butanone
Concen: 5.894 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX033480.D
Acq: 19 Dec 2022 13:36

Tgt Ion: 43	Resp: 3585		
Ion Ratio	Lower	Upper	
43 100			
72 20.3	22.2	33.2#	





#33

1,2-Dichloroethane-d4

Concen: 41.190 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033480.D

Acq: 19 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

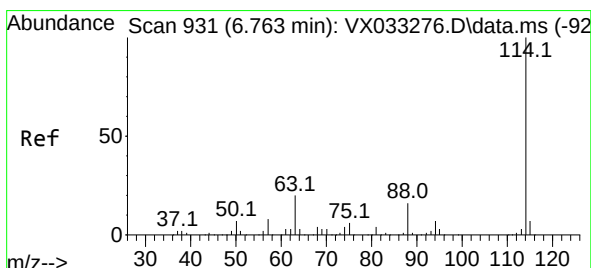
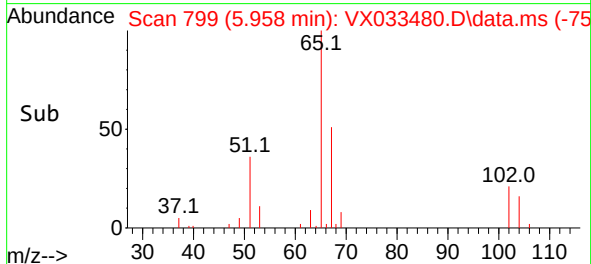
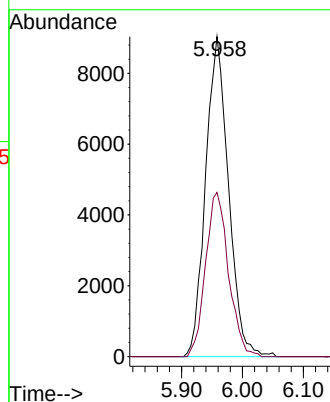
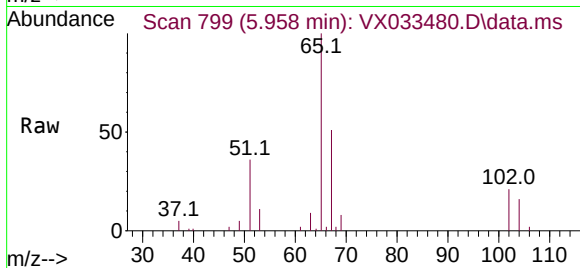
PB149705ZHE#04

Tgt Ion: 65 Resp: 23589

Ion Ratio Lower Upper

65 100

67 51.6 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: VX033480.D

Acq: 19 Dec 2022 13:36

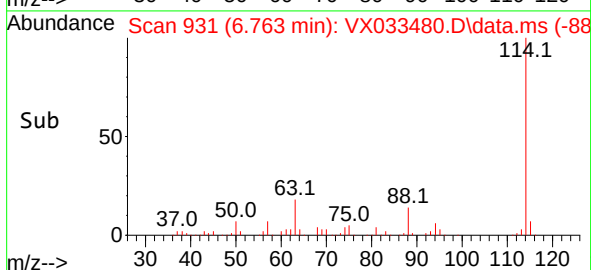
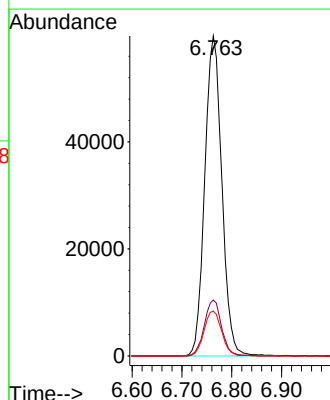
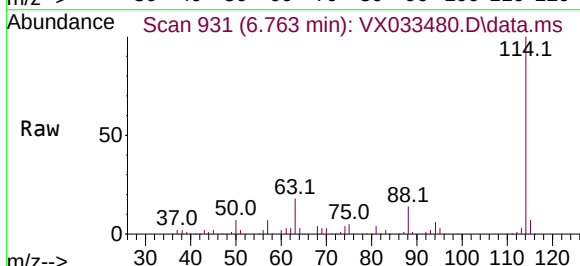
Tgt Ion: 114 Resp: 142550

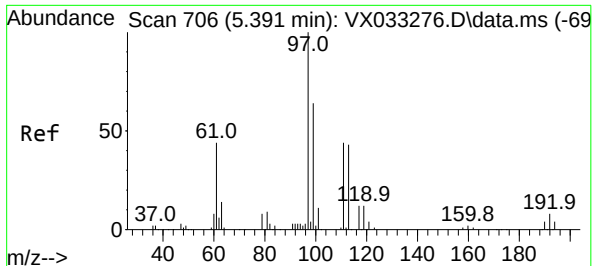
Ion Ratio Lower Upper

114 100

63 17.5 0.0 41.6

88 14.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.701 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033480.D

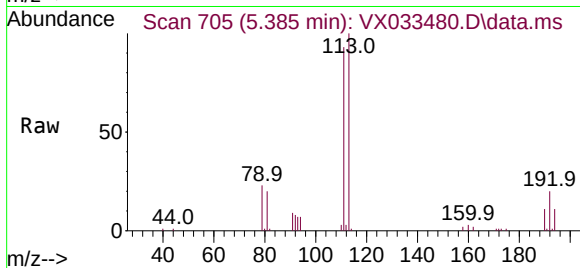
Acq: 19 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

PB149705ZHE#04



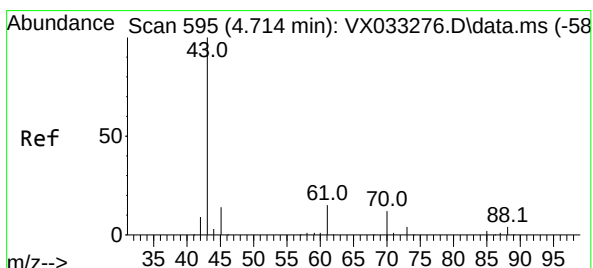
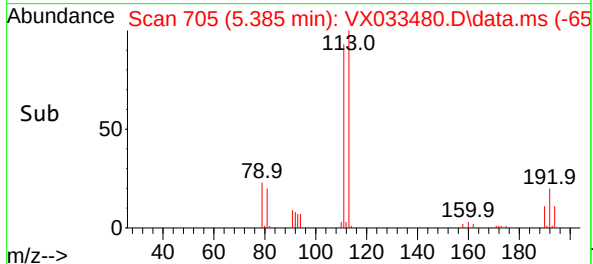
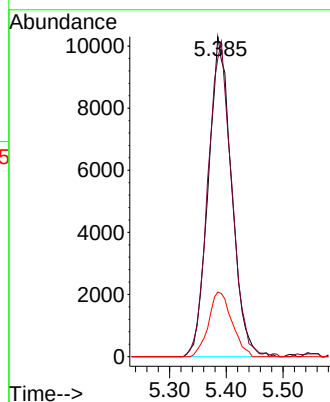
Tgt Ion:113 Resp: 29302

Ion Ratio Lower Upper

113 100

111 100.5 82.4 123.6

192 20.3 15.4 23.2



#37

Ethyl Acetate

Concen: 8.992 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033480.D

Acq: 19 Dec 2022 13:36

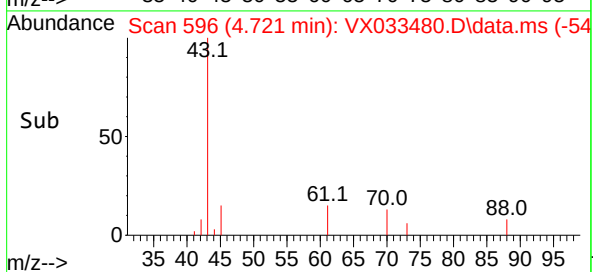
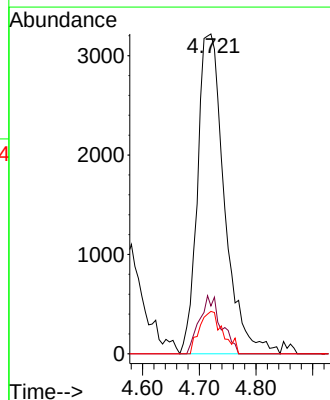
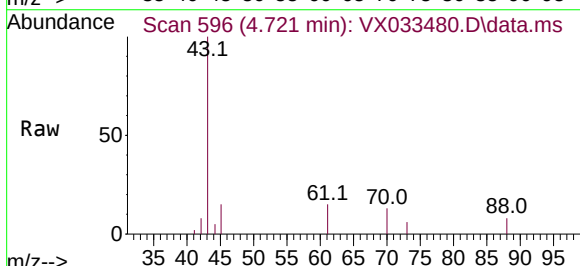
Tgt Ion: 43 Resp: 10625

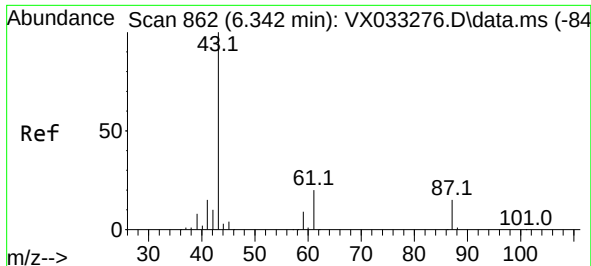
Ion Ratio Lower Upper

43 100

61 14.7 11.5 17.3

70 11.4 9.1 13.7

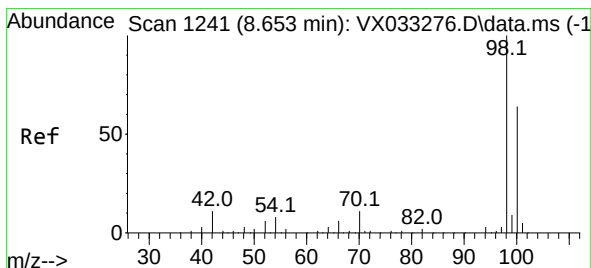
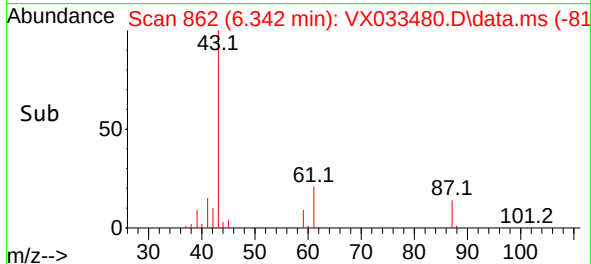
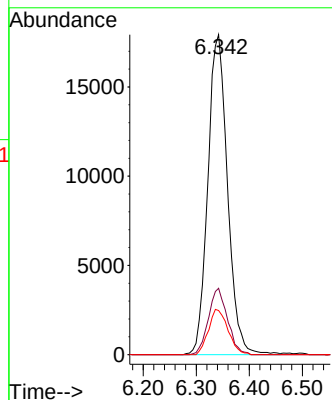
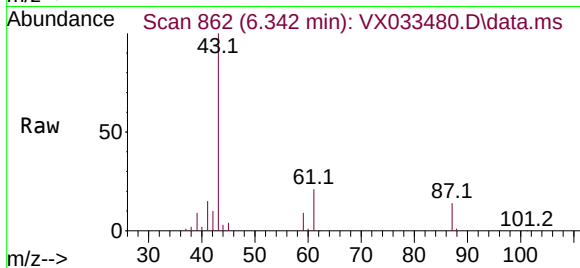




#43
Isopropyl Acetate
Concen: 24.285 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033480.D
Acq: 19 Dec 2022 13:36

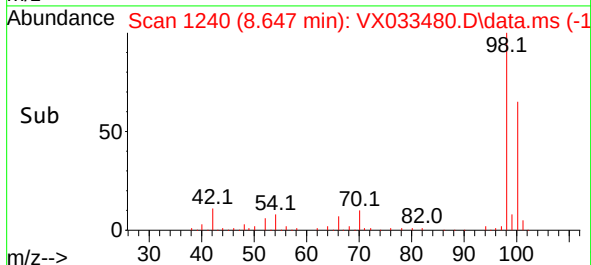
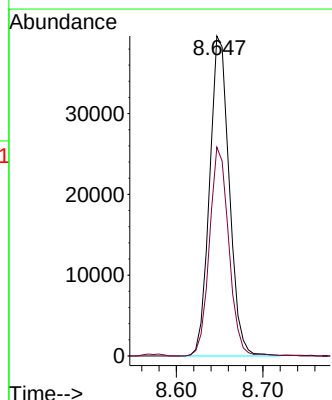
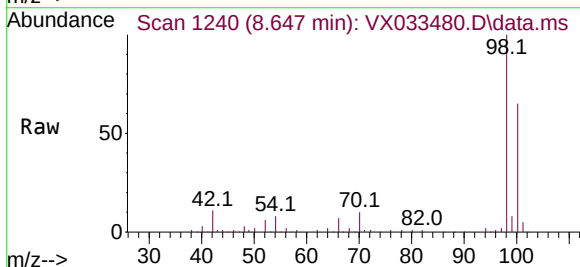
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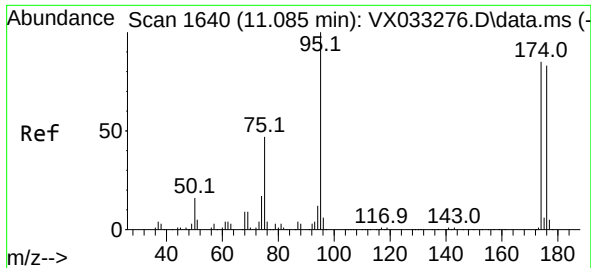
Tgt Ion: 43 Resp: 46172
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 14.0 10.8 16.2



#50
Toluene-d8
Concen: 46.480 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033480.D
Acq: 19 Dec 2022 13:36

Tgt Ion: 98 Resp: 62343
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

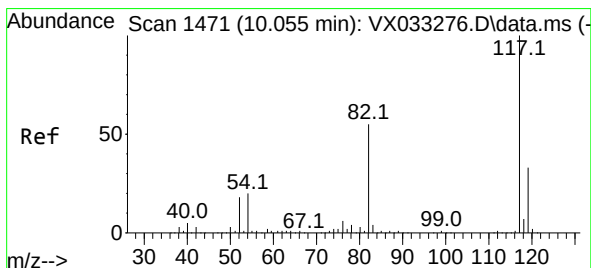
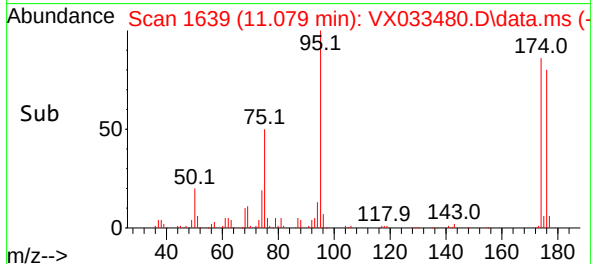
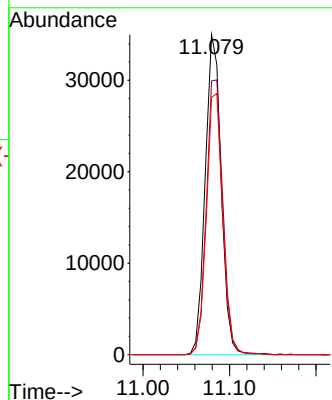
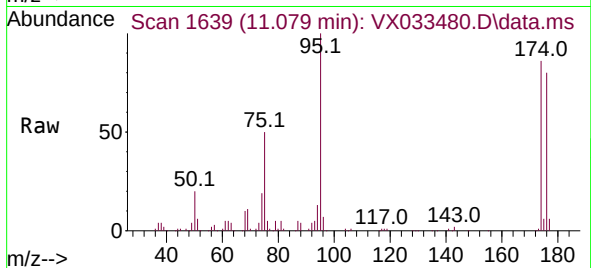




#62
4-Bromofluorobenzene
Concen: 43.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033480.D
Acq: 19 Dec 2022 13:36

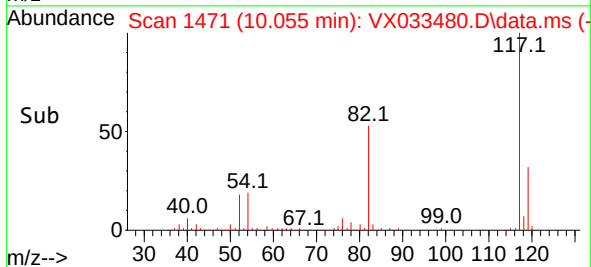
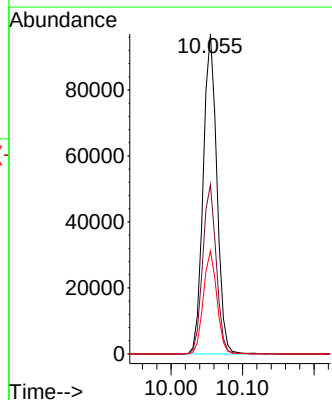
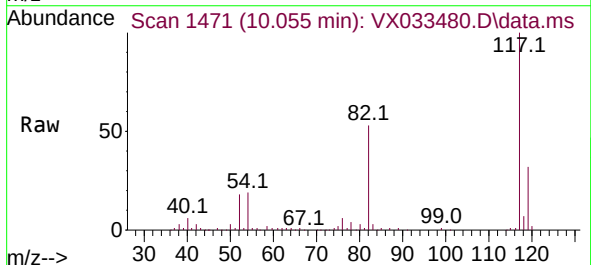
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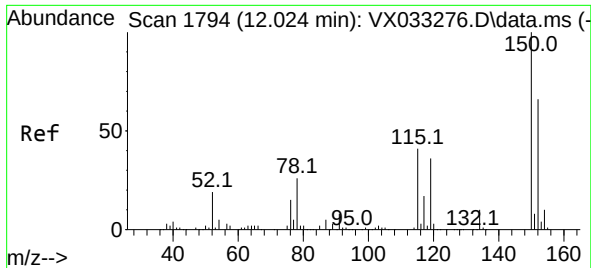
Tgt Ion: 95 Resp: 44773
Ion Ratio Lower Upper
95 100
174 89.4 0.0 164.0
176 83.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033480.D
Acq: 19 Dec 2022 13:36

Tgt Ion: 117 Resp: 128549
Ion Ratio Lower Upper
117 100
82 52.9 44.3 66.5
119 32.2 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: VX033480.D

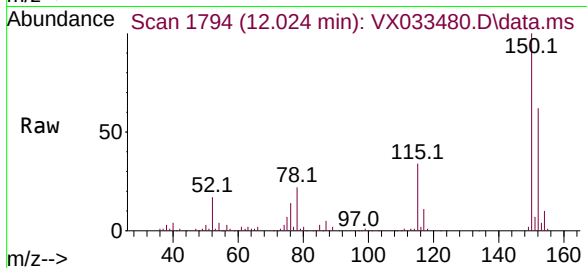
Acq: 19 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

PB149705ZHE#04



Tgt Ion:152 Resp: 58385

Ion Ratio Lower Upper

152 100

115 56.3 44.0 132.0

150 157.1 0.0 351.8

