

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033488.D
 Acq On : 19 Dec 2022 16:40
 Operator : JC/MD
 Sample : PB149722ZHE#17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149722ZHE#17

Quant Time: Dec 20 05:01:50 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)

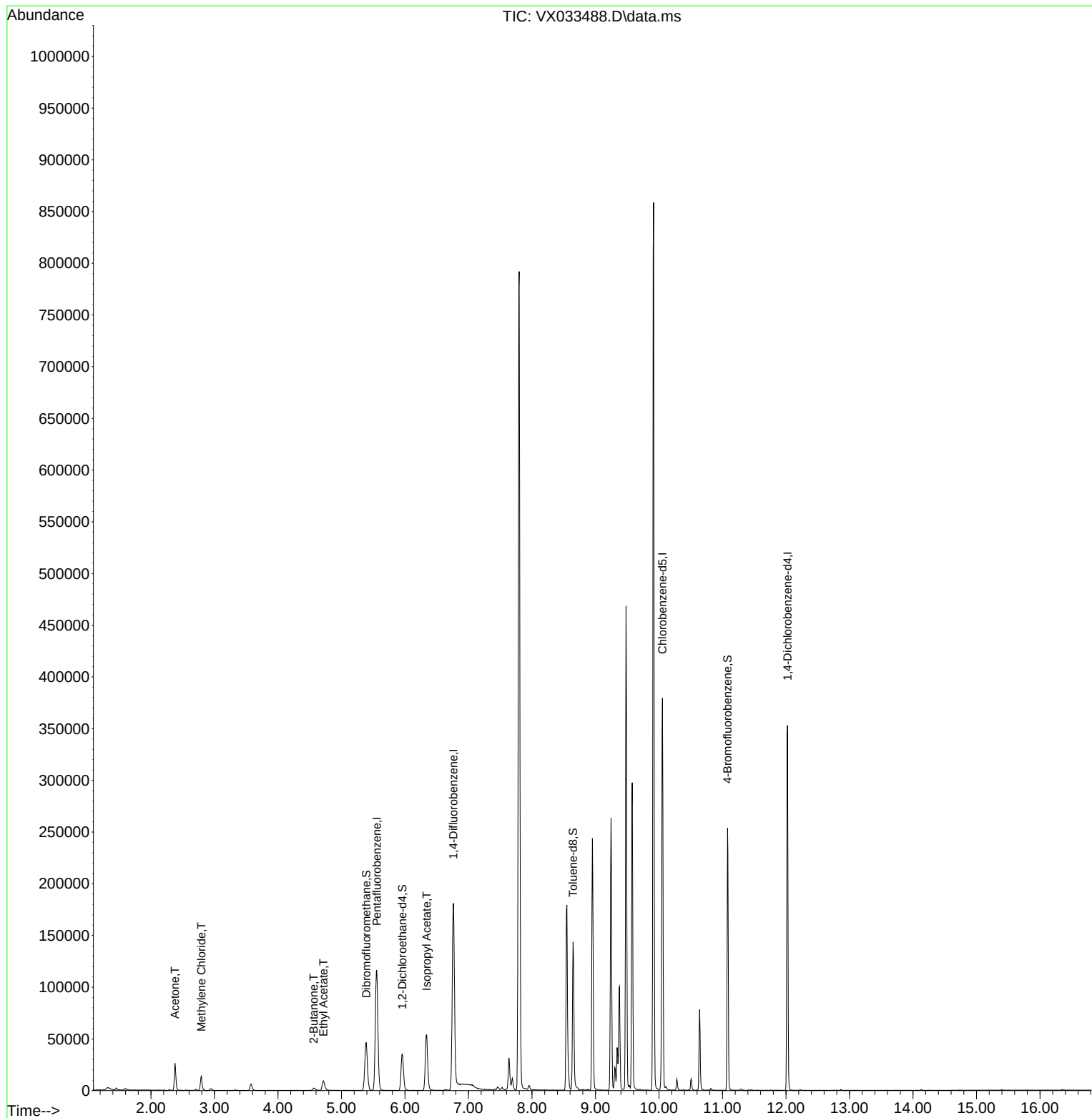
Internal Standards						
1) Pentafluorobenzene	5.556	168	112531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37236	51.579	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.160%
35) Dibromofluoromethane	5.391	113	41193	49.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	8.647	98	87159	49.571	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	66793	49.683	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.360%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	28244	52.871	ug/l	99
20) Methylene Chloride	2.794	84	6711	5.633	ug/l	87
25) 2-Butanone	4.562	43	4221	5.505	ug/l	98
37) Ethyl Acetate	4.715	43	16424	10.603	ug/l	98
43) Isopropyl Acetate	6.342	43	74222	29.780	ug/l	99

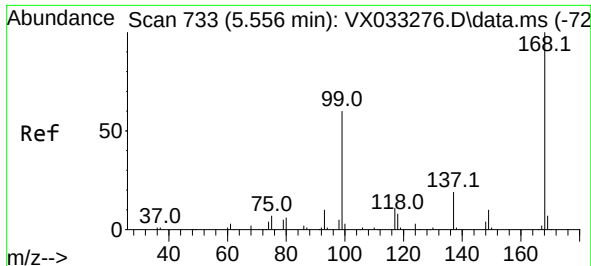
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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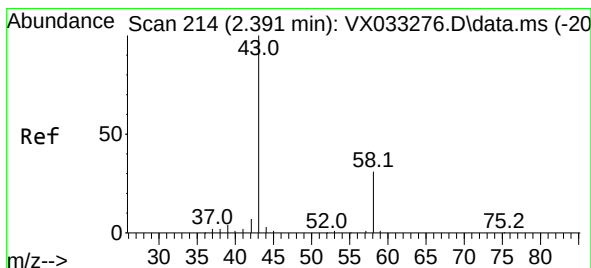
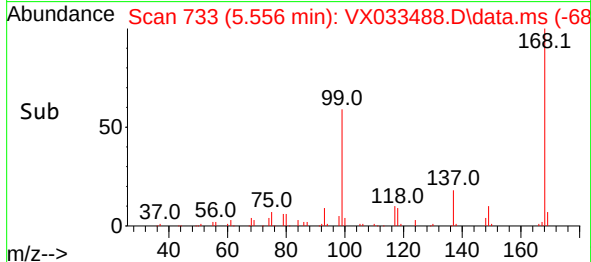
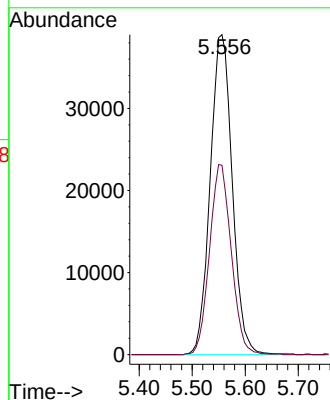
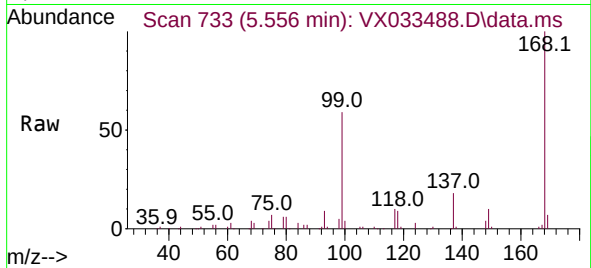




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033488.D
Acq: 19 Dec 2022 16:40

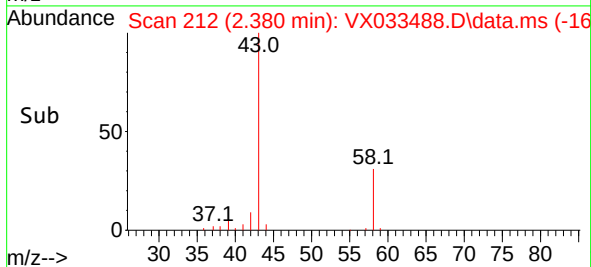
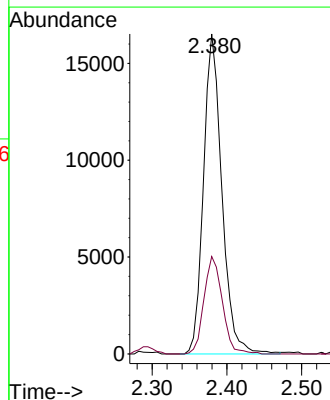
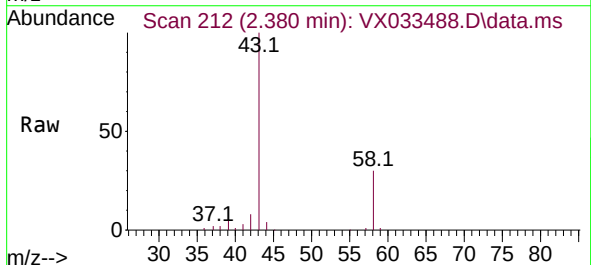
Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#17

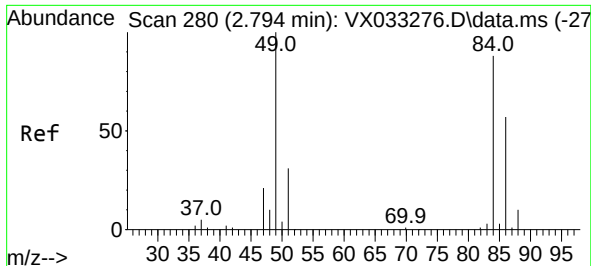
Tgt Ion:168 Resp: 112531
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#16
Acetone
Concen: 52.871 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX033488.D
Acq: 19 Dec 2022 16:40

Tgt Ion: 43 Resp: 28244
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8





#20

Methylene Chloride

Concen: 5.633 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033488.D

Acq: 19 Dec 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

PB149722ZHE#17

Tgt Ion: 84 Resp: 6711

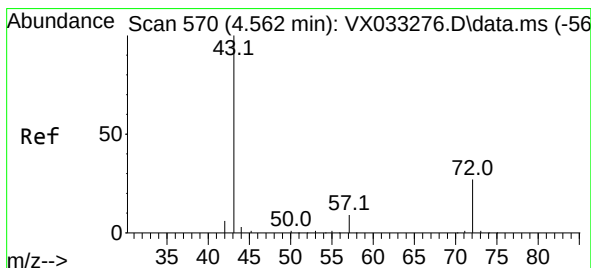
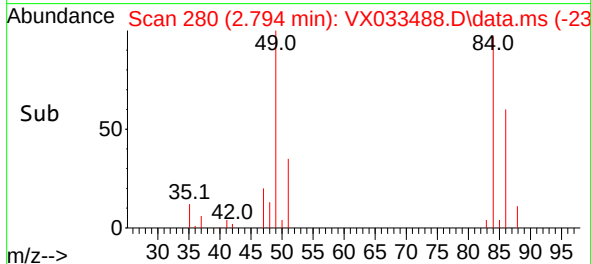
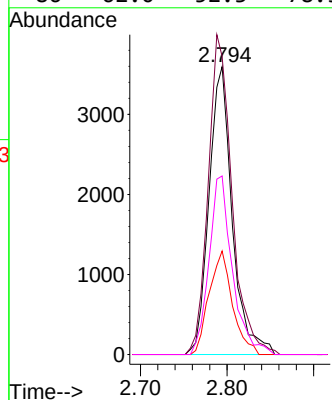
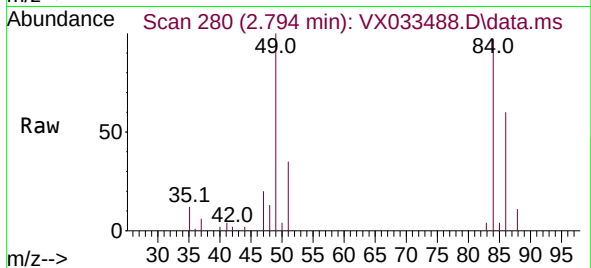
Ion Ratio Lower Upper

84 100

49 103.5 101.0 151.6

51 36.0 31.1 46.7

86 62.0 52.3 78.5



#25

2-Butanone

Concen: 5.505 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX033488.D

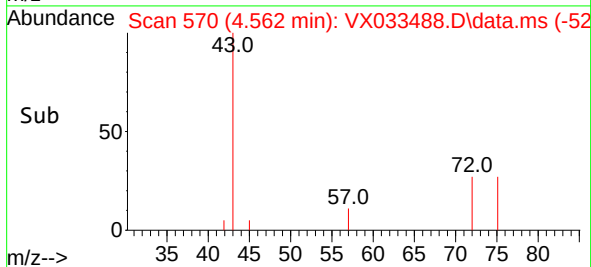
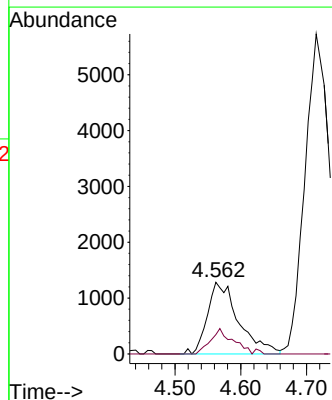
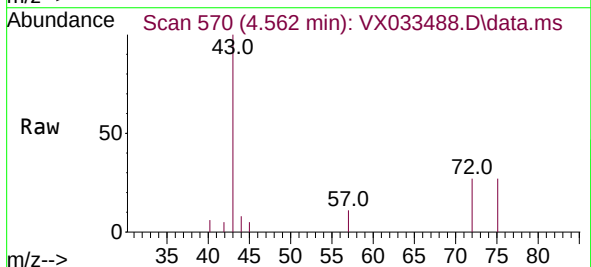
Acq: 19 Dec 2022 16:40

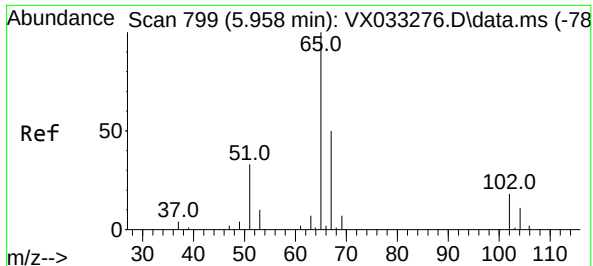
Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 51.579 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033488.D

Acq: 19 Dec 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

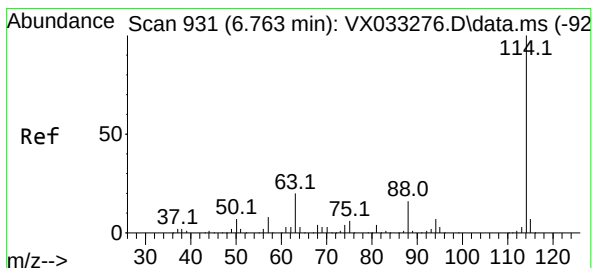
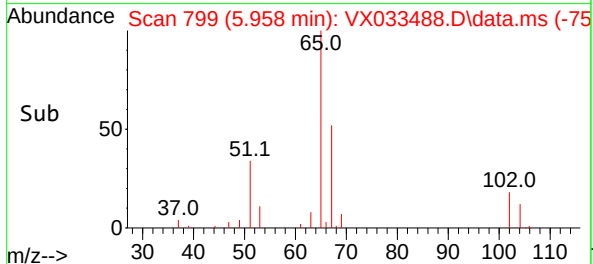
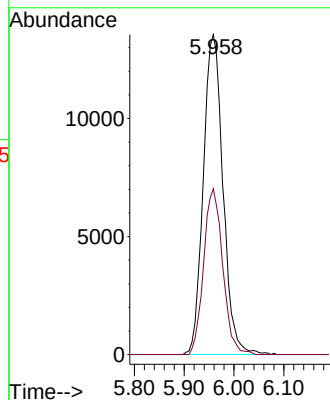
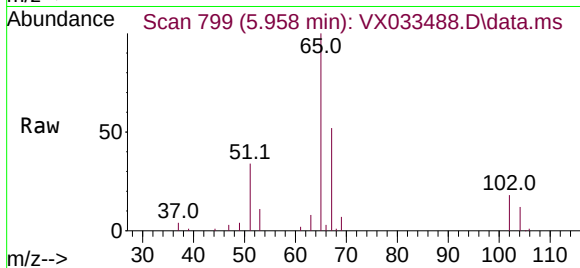
PB149722ZHE#17

Tgt Ion: 65 Resp: 37236

Ion Ratio Lower Upper

65 100

67 50.2 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: VX033488.D

Acq: 19 Dec 2022 16:40

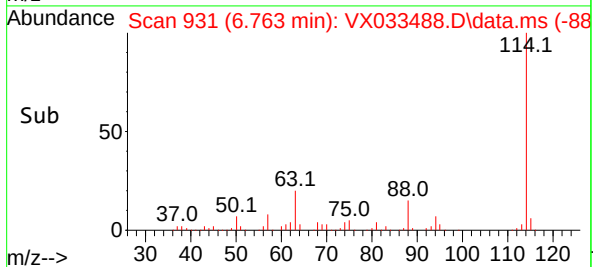
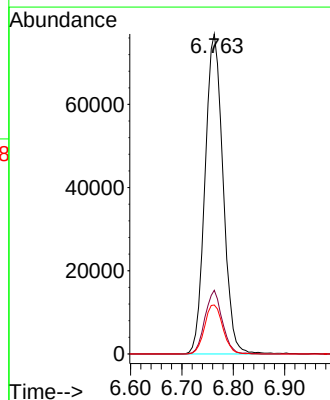
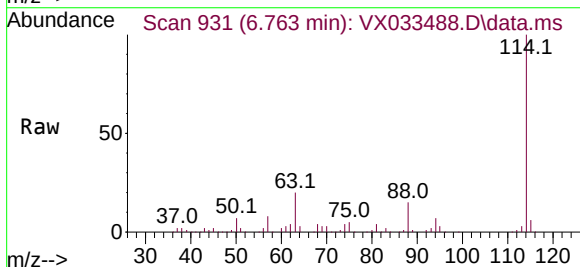
Tgt Ion: 114 Resp: 186866

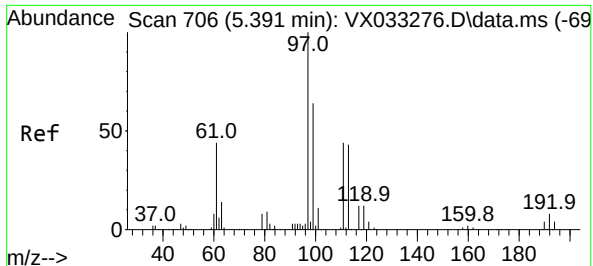
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.011 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033488.D

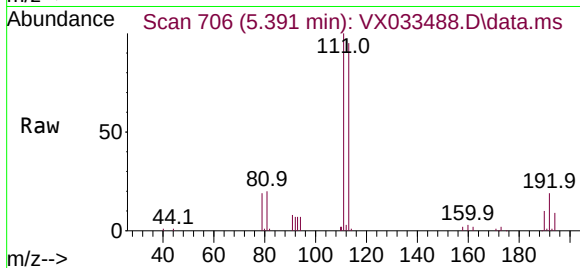
Acq: 19 Dec 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

PB149722ZHE#17



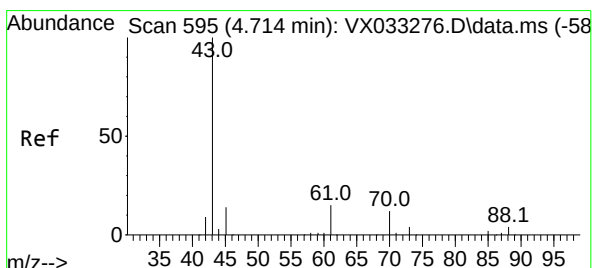
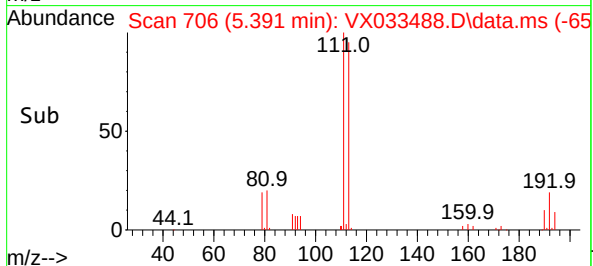
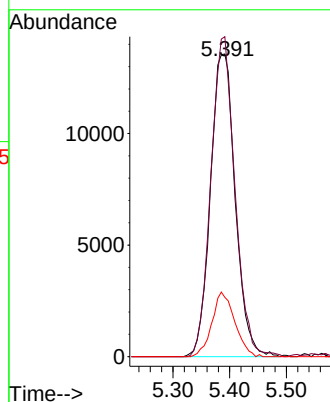
Tgt Ion:113 Resp: 41193

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 19.6 15.4 23.2



#37

Ethyl Acetate

Concen: 10.603 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033488.D

Acq: 19 Dec 2022 16:40

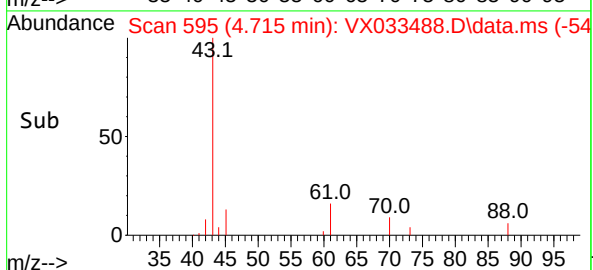
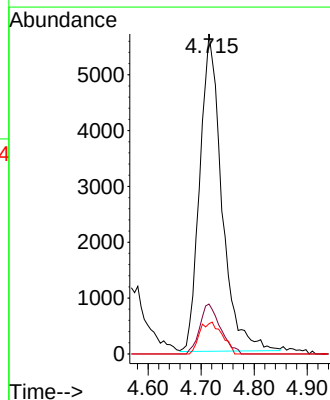
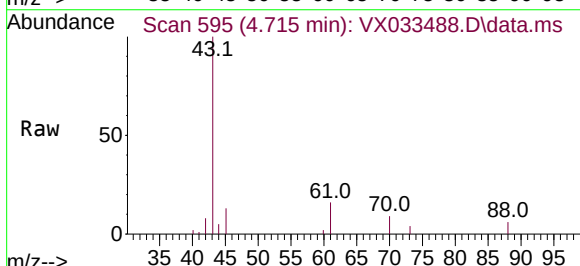
Tgt Ion: 43 Resp: 16424

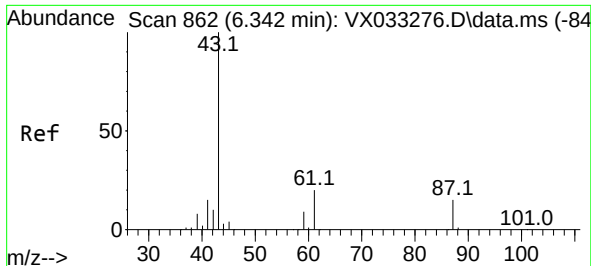
Ion Ratio Lower Upper

43 100

61 14.6 11.5 17.3

70 10.2 9.1 13.7

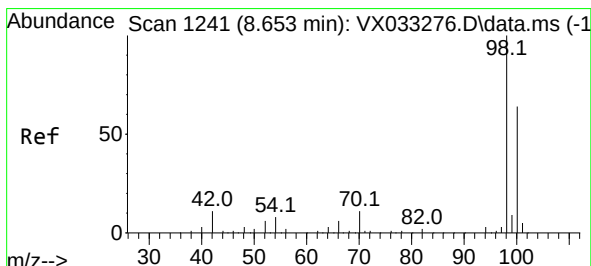
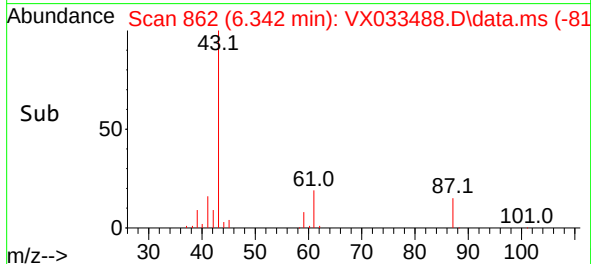
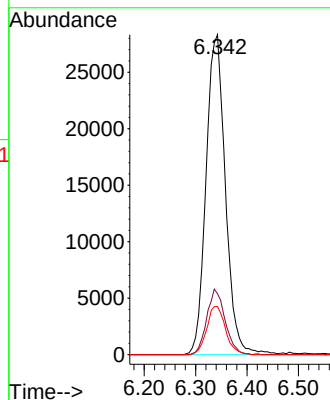
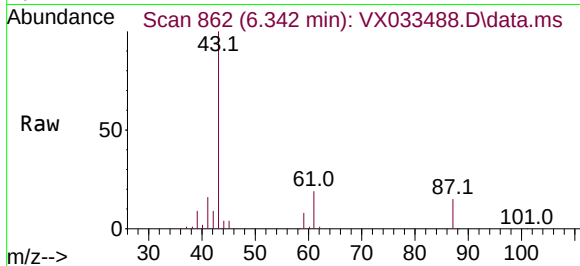




#43
Isopropyl Acetate
Concen: 29.780 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033488.D
Acq: 19 Dec 2022 16:40

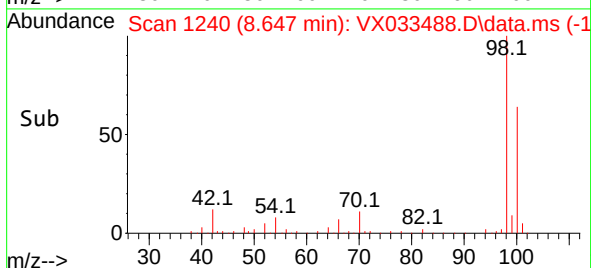
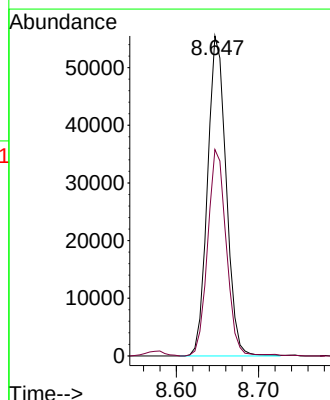
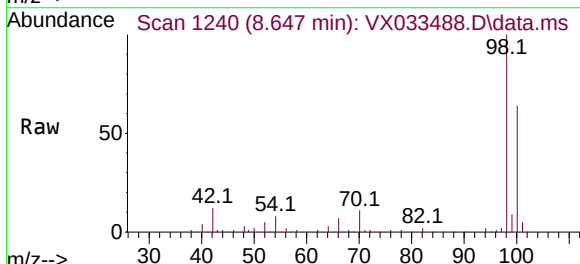
Instrument :
MSVOA_X
ClientSampleId :
PB149722ZHE#17

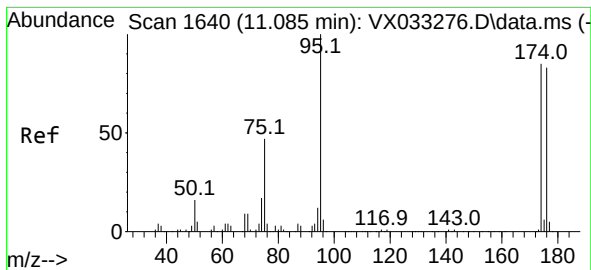
Tgt Ion: 43 Resp: 74222
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 14.6 10.8 16.2



#50
Toluene-d8
Concen: 49.571 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033488.D
Acq: 19 Dec 2022 16:40

Tgt Ion: 98 Resp: 87159
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 49.683 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033488.D

Acq: 19 Dec 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

PB149722ZHE#17

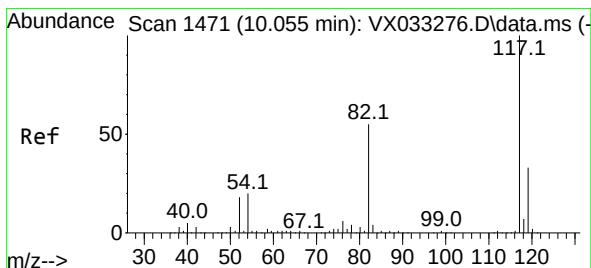
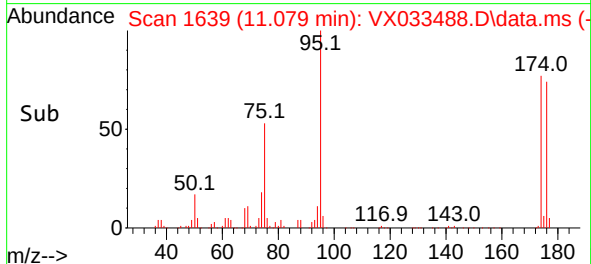
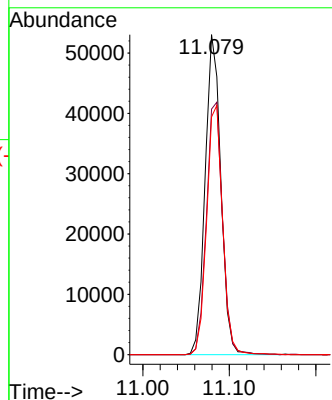
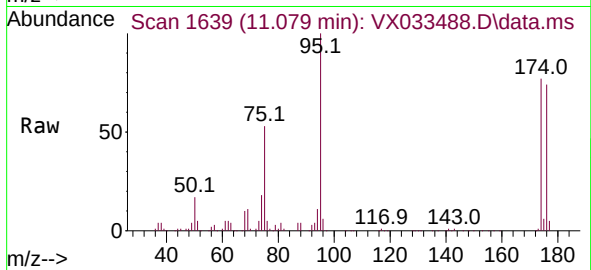
Tgt Ion: 95 Resp: 66793

Ion Ratio Lower Upper

95 100

174 81.1 0.0 164.0

176 79.1 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: VX033488.D

Acq: 19 Dec 2022 16:40

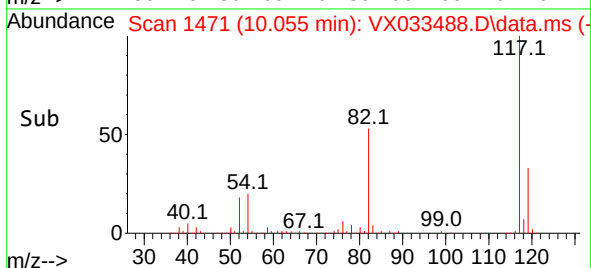
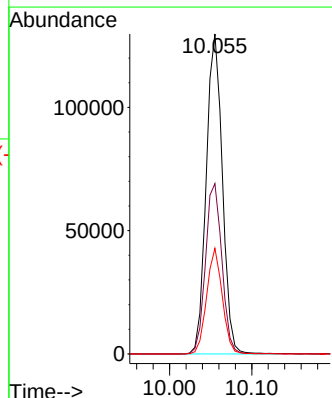
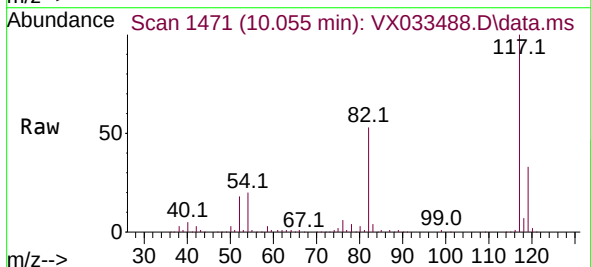
Tgt Ion: 117 Resp: 176778

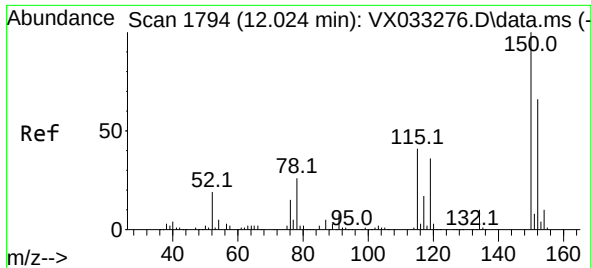
Ion Ratio Lower Upper

117 100

82 53.2 44.3 66.5

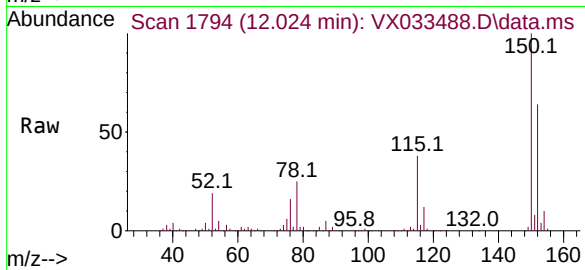
119 33.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033488.D
 Acq: 19 Dec 2022 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149722ZHE#17



Tgt Ion:152 Resp: 76710
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.0 132.0
 150 155.2 0.0 351.8

