

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033211.D
 Acq On : 03 Dec 2022 01:01
 Operator : JC/MD
 Sample : PB149377ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149377ZHE#05

Quant Time: Dec 05 01:12:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

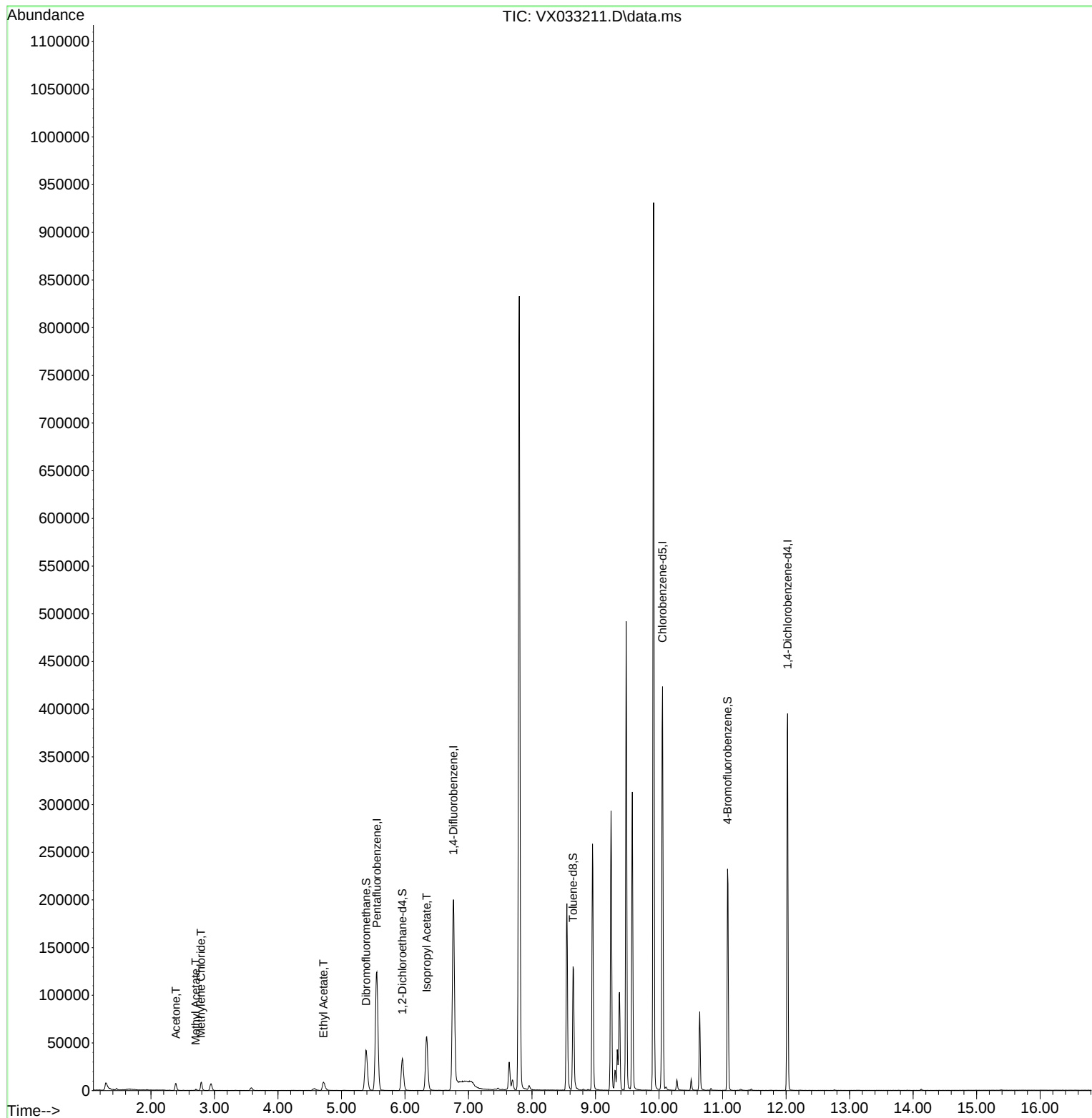
Internal Standards						
1) Pentafluorobenzene	5.556	168	117157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34011	28.353	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	56.700%#
35) Dibromofluoromethane	5.385	113	36925	33.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	66.180%#
50) Toluene-d8	8.647	98	78510	22.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	44.360%#
62) 4-Bromofluorobenzene	11.079	95	60856	41.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.040%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	9550	17.923	ug/l	98
18) Methyl Acetate	2.703	43	1636	1.109	ug/l #	81
20) Methylene Chloride	2.788	84	4291	2.641	ug/l #	83
37) Ethyl Acetate	4.714	43	16546	10.629	ug/l	97
43) Isopropyl Acetate	6.342	43	77521	30.111	ug/l	99

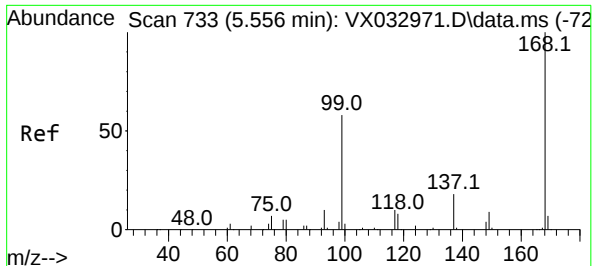
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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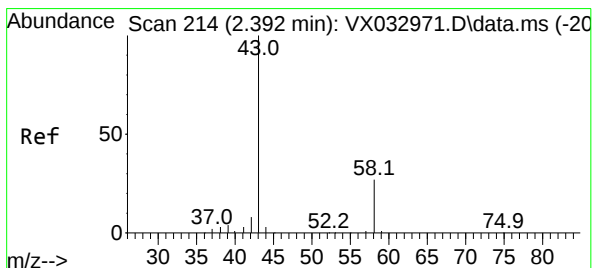
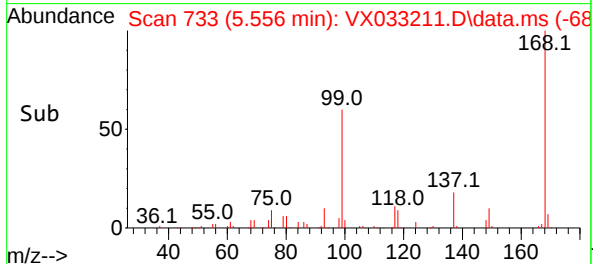
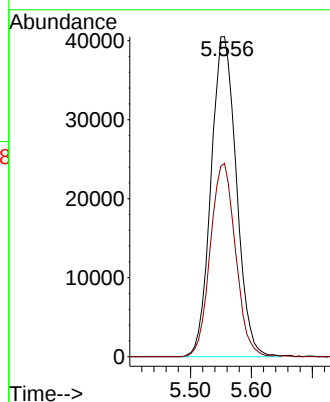
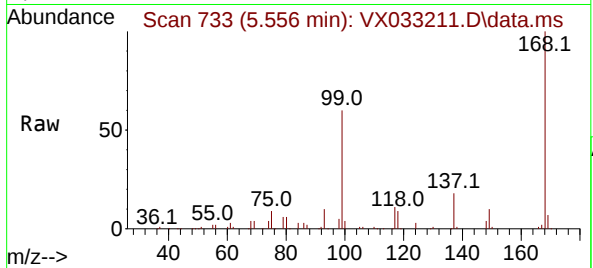




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

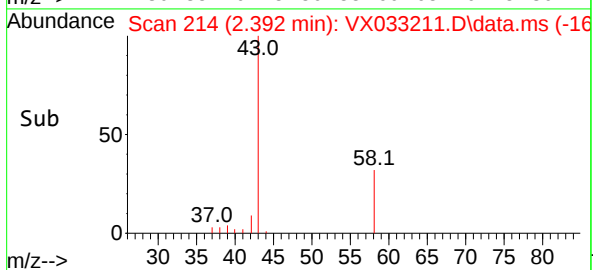
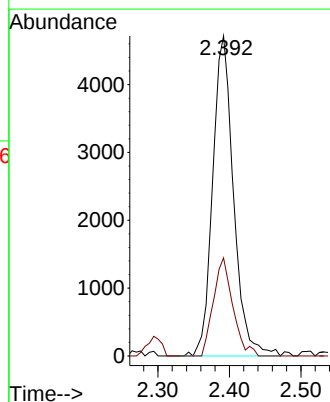
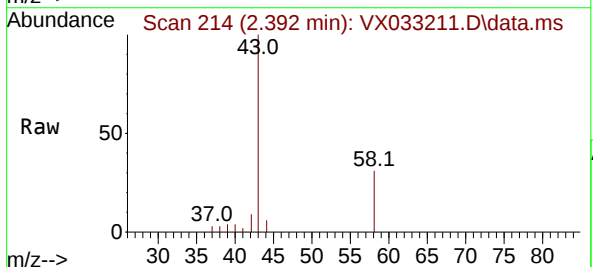
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

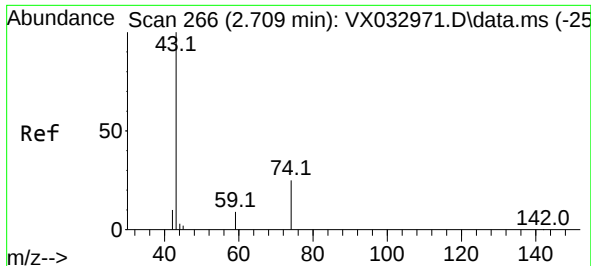
Tgt Ion:168 Resp: 117157
Ion Ratio Lower Upper
168 100
99 60.4 46.1 69.1



#16
Acetone
Concen: 17.923 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 43 Resp: 9550
Ion Ratio Lower Upper
43 100
58 30.7 23.8 35.8

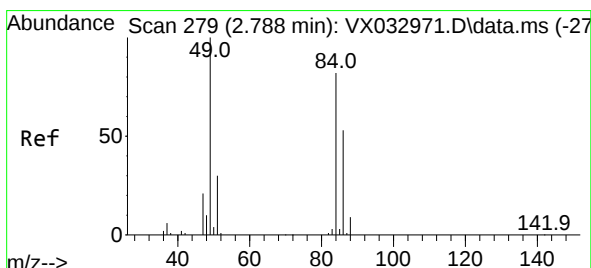
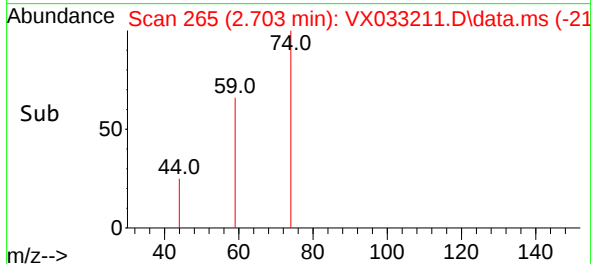
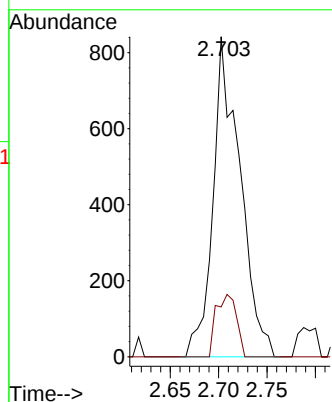
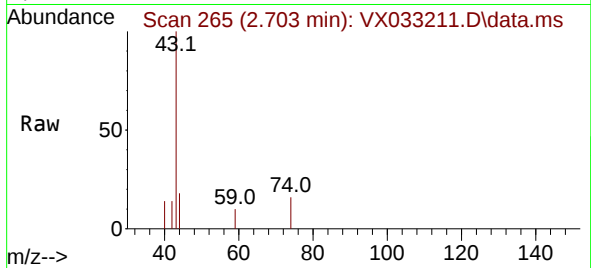




#18
Methyl Acetate
Concen: 1.109 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

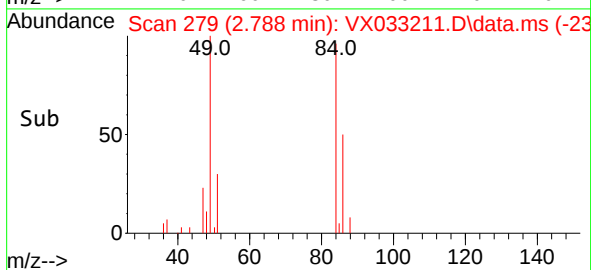
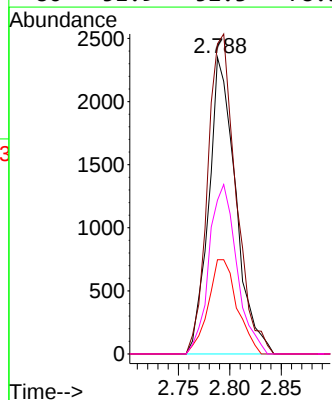
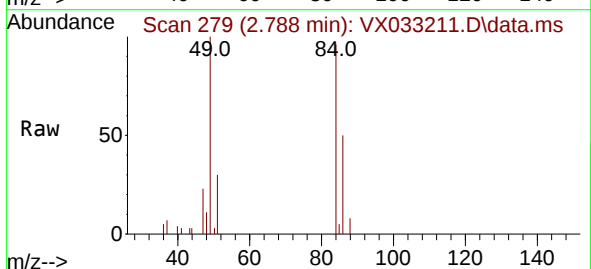
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#05

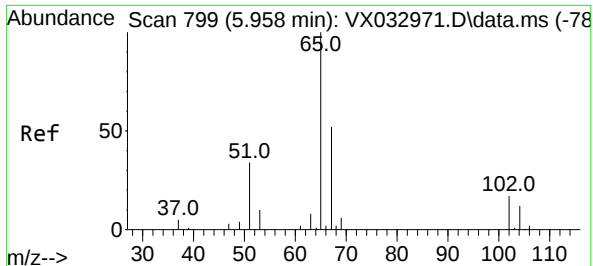
Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
74 14.7 19.4 29.0#



#20
Methylene Chloride
Concen: 2.641 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 84 Resp: 4291
Ion Ratio Lower Upper
84 100
49 104.6 101.0 151.6
51 31.8 31.1 46.7
86 51.9 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 28.353 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :

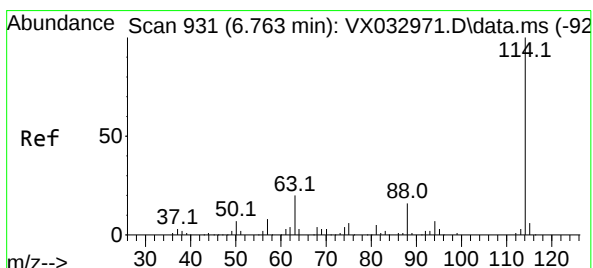
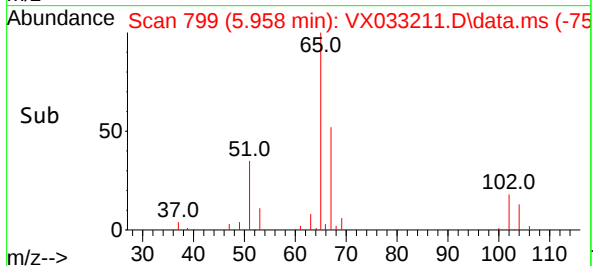
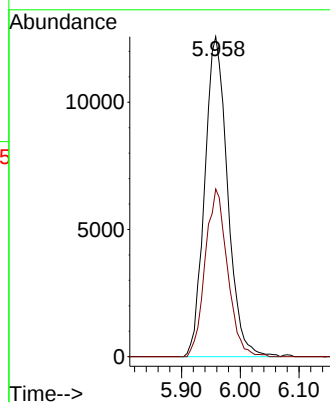
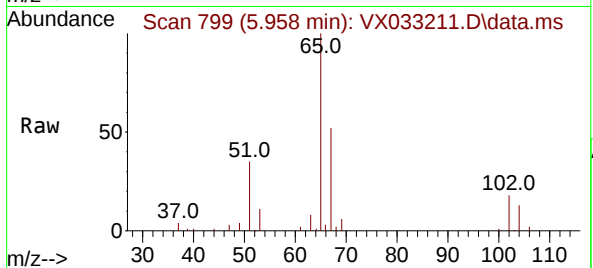
PB149377ZHE#05

Tgt Ion: 65 Resp: 34011

Ion Ratio Lower Upper

65 100

67 51.3 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: VX033211.D

Acq: 03 Dec 2022 01:01

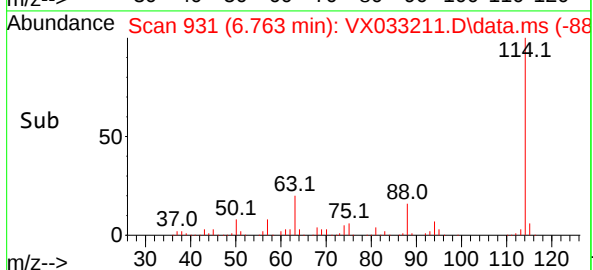
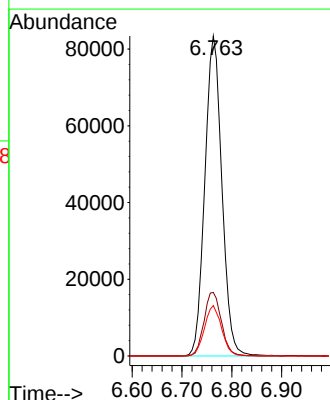
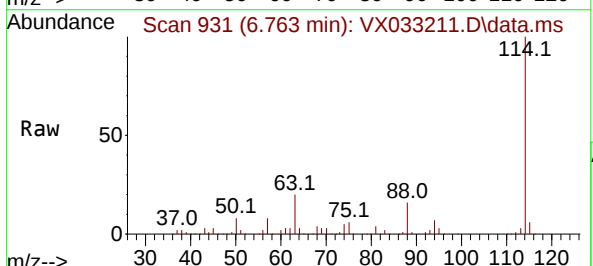
Tgt Ion: 114 Resp: 197940

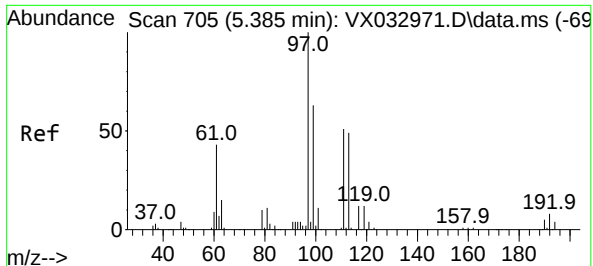
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 33.090 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033211.D

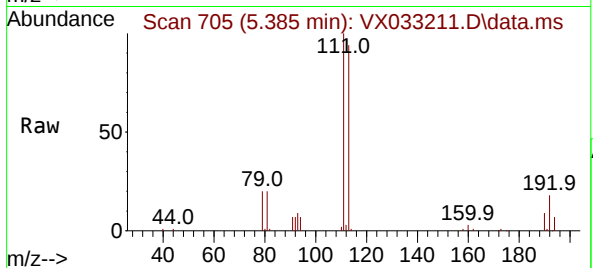
Acq: 03 Dec 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#05



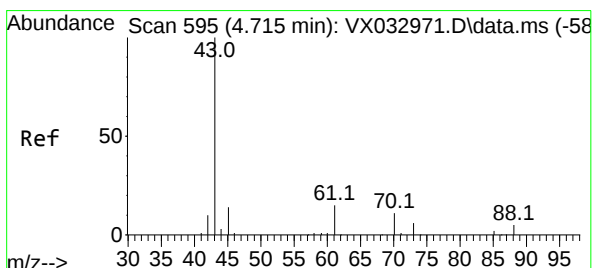
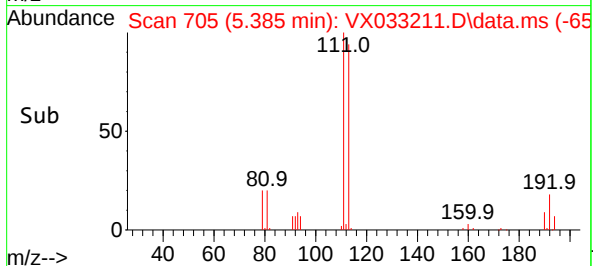
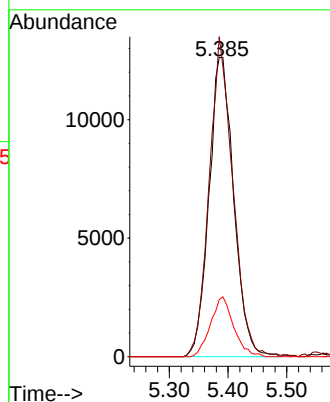
Tgt Ion:113 Resp: 36925

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 18.7 15.4 23.2



#37

Ethyl Acetate

Concen: 10.629 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX033211.D

Acq: 03 Dec 2022 01:01

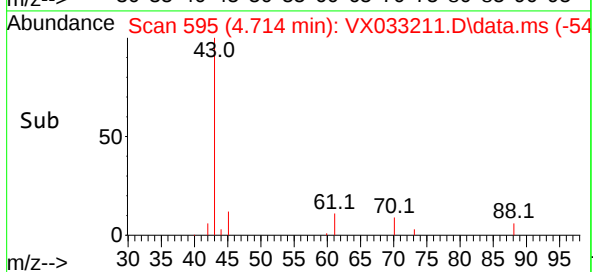
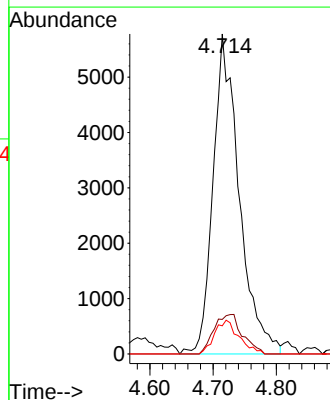
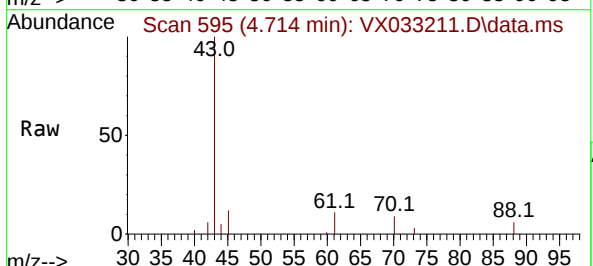
Tgt Ion: 43 Resp: 16546

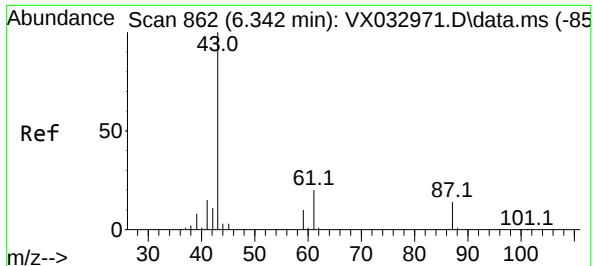
Ion Ratio Lower Upper

43 100

61 13.5 11.5 17.3

70 9.9 9.1 13.7

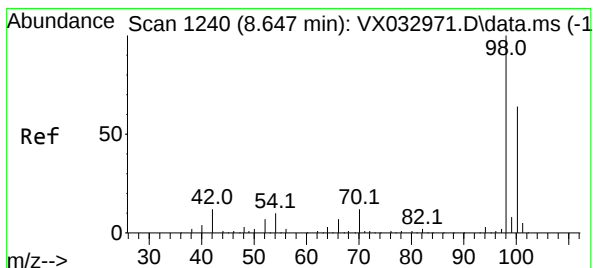
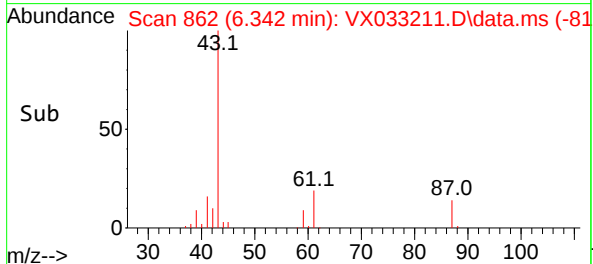
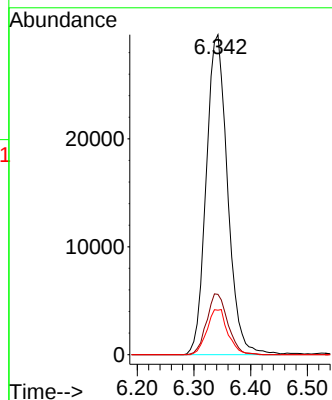
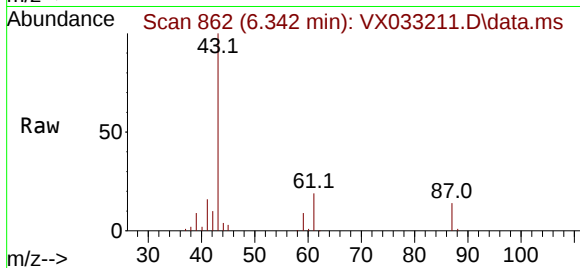




#43
Isopropyl Acetate
Concen: 30.111 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

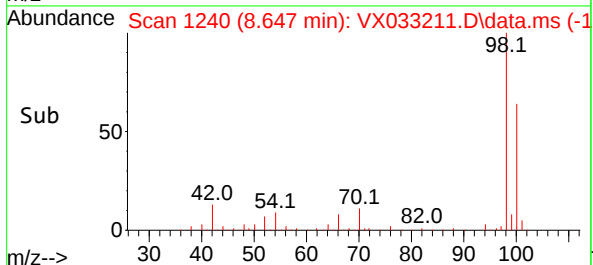
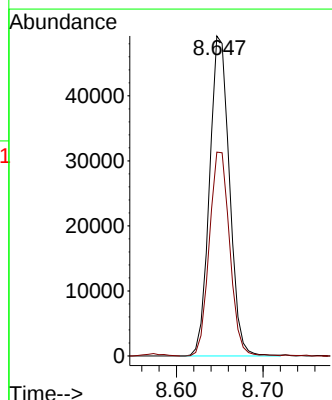
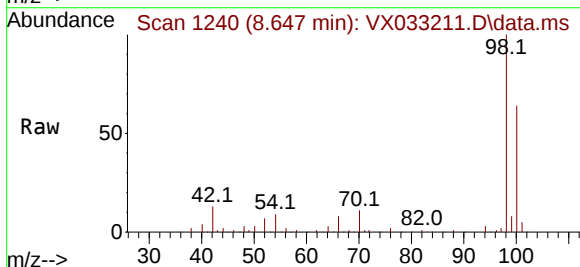
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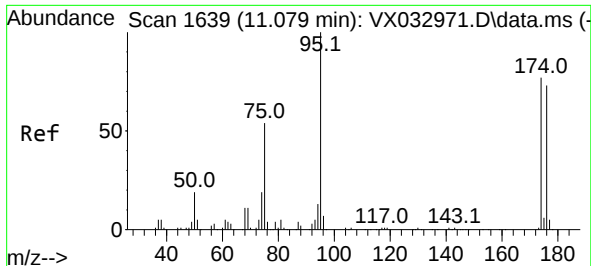
Tgt Ion: 43 Resp: 77521
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 13.8 10.8 16.2



#50
Toluene-d8
Concen: 22.182 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 98 Resp: 78510
Ion Ratio Lower Upper
98 100
100 65.1 50.9 76.3

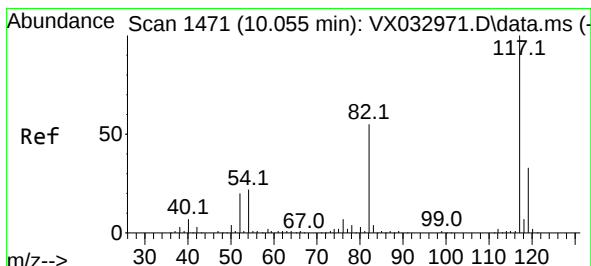
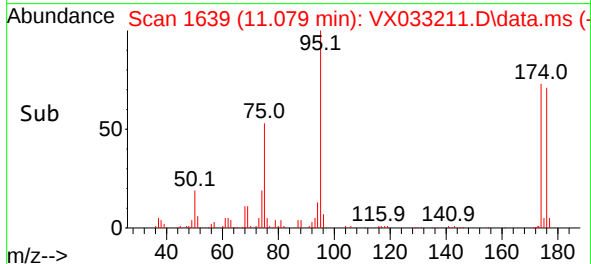
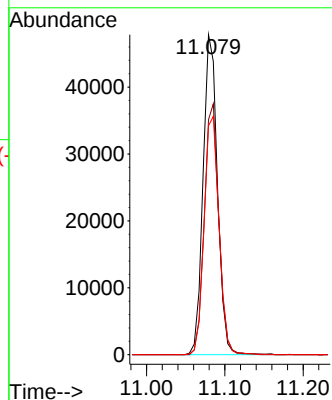
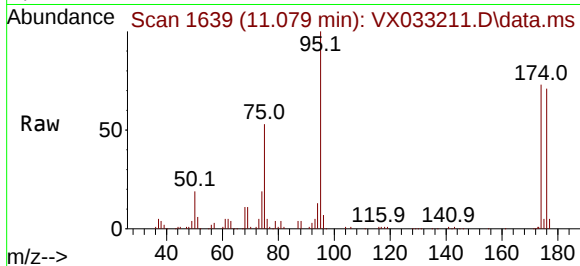




#62
4-Bromofluorobenzene
Concen: 41.515 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

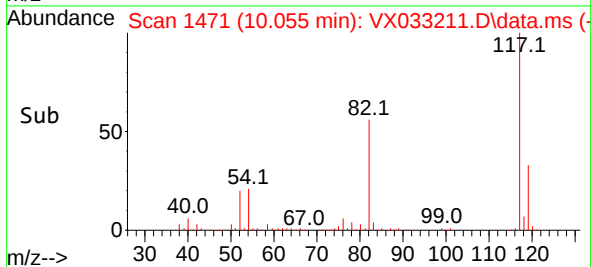
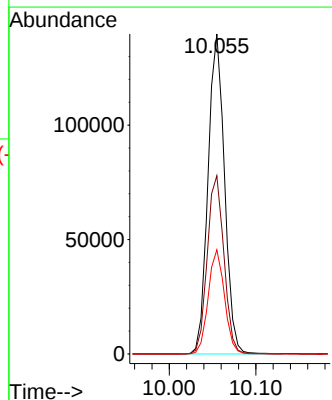
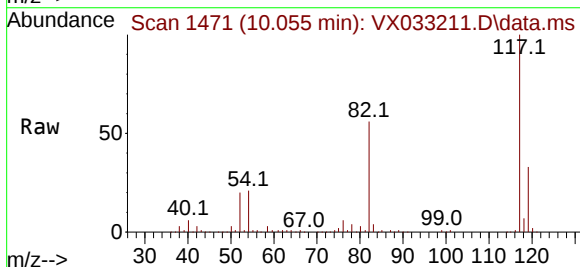
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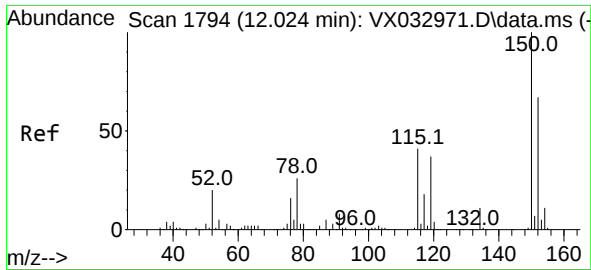
Tgt Ion: 95 Resp: 60856
Ion Ratio Lower Upper
95 100
174 79.0 0.0 164.0
176 77.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033211.D
Acq: 03 Dec 2022 01:01

Tgt Ion: 117 Resp: 185103
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.6 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: VX033211.D

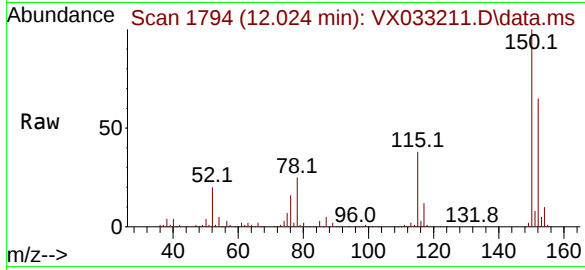
Acq: 03 Dec 2022 01:01

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#05



Tgt Ion:152 Resp: 81135

Ion Ratio Lower Upper

152 100

115 61.0 44.0 132.0

150 157.8 0.0 351.8

