

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033251.D
 Acq On : 06 Dec 2022 01:03
 Operator : JC/MD
 Sample : PB149407TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149407TB

Quant Time: Dec 06 06:04:05 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)

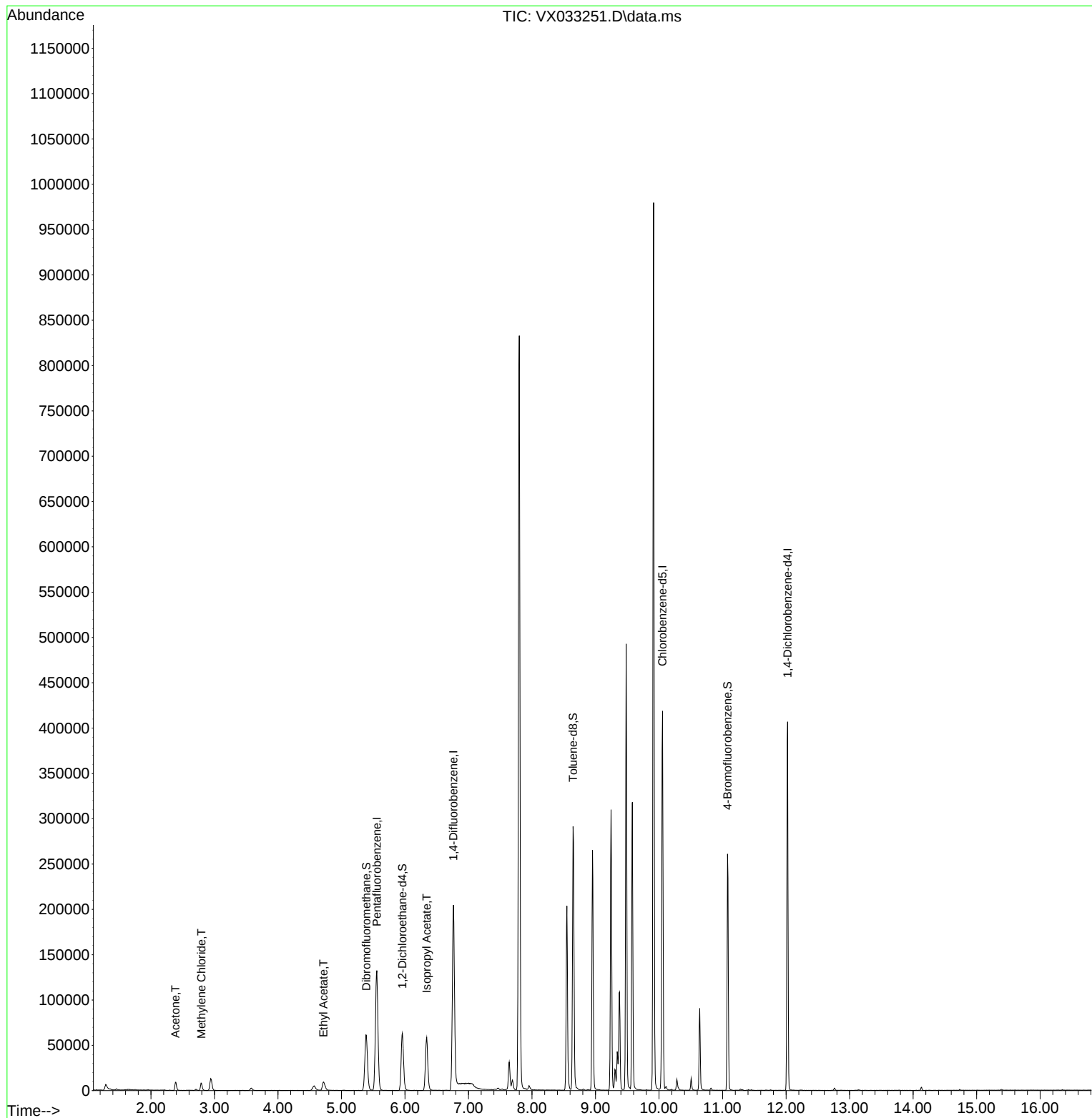
Internal Standards						
1) Pentafluorobenzene	5.556	168	124911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64444	52.985	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.980%			
35) Dibromofluoromethane	5.391	113	53454	46.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.240%			
50) Toluene-d8	8.647	98	176460	51.198	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	68215	45.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.580%			
Target Compounds						
16) Acetone	2.386	43	11677	20.554	ug/l	95
20) Methylene Chloride	2.794	84	4060	2.194	ug/l #	88
37) Ethyl Acetate	4.714	43	17578	10.989	ug/l	99
43) Isopropyl Acetate	6.342	43	80483	30.423	ug/l	100

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

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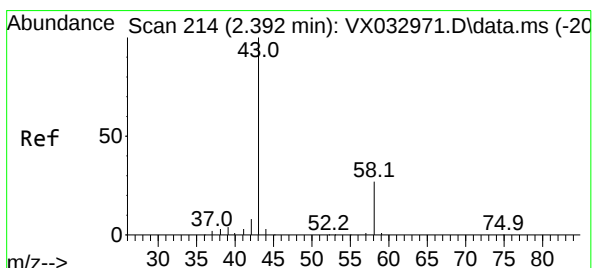
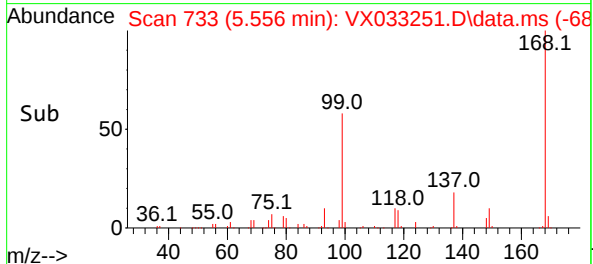
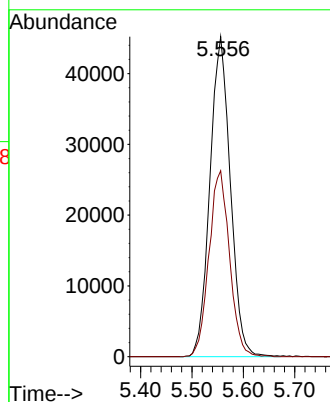
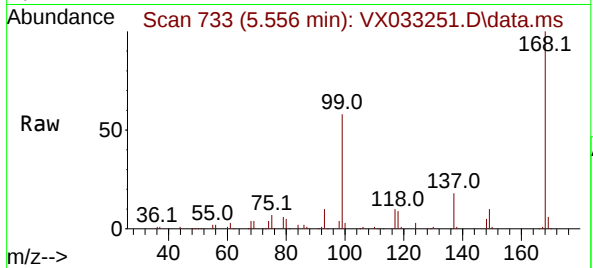




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033251.D
Acq: 06 Dec 2022 01:03

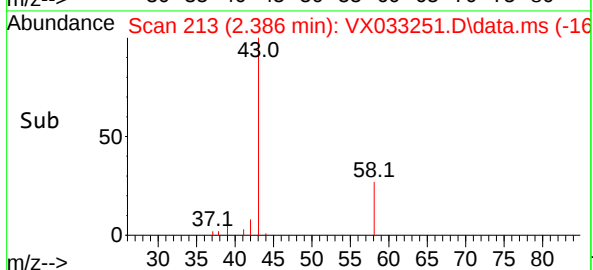
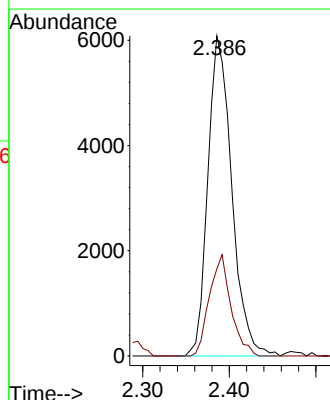
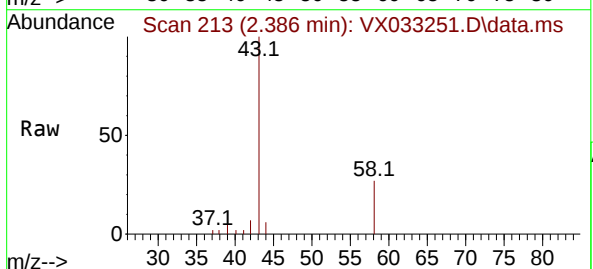
Instrument :
MSVOA_X
ClientSampleId :
PB149407TB

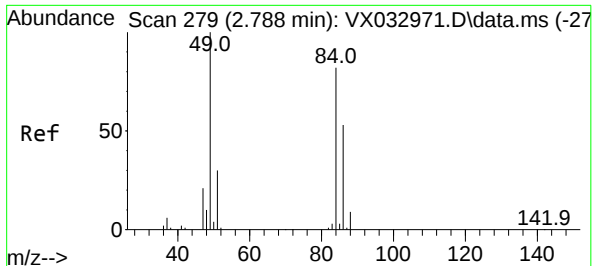
Tgt Ion:168 Resp: 124911
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#16
Acetone
Concen: 20.554 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX033251.D
Acq: 06 Dec 2022 01:03

Tgt Ion: 43 Resp: 11677
Ion Ratio Lower Upper
43 100
58 27.2 23.8 35.8



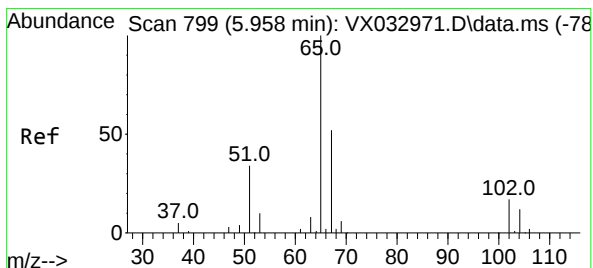
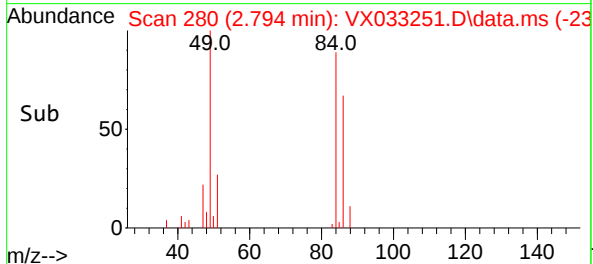
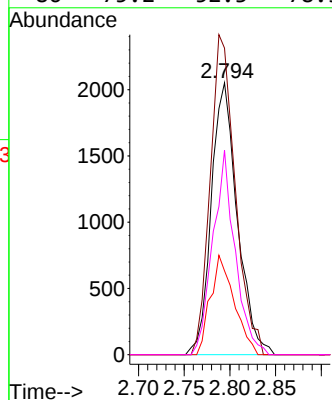
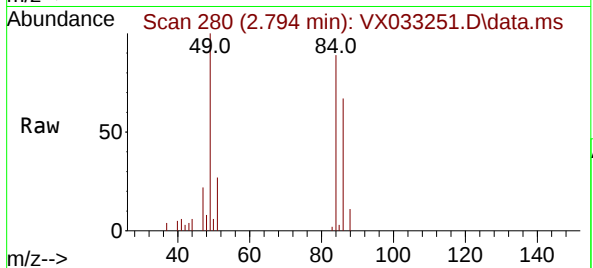


#20
Methylene Chloride
Concen: 2.194 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033251.D
Acq: 06 Dec 2022 01:03

Instrument :
MSVOA_X
ClientSampleId :
PB149407TB

Tgt Ion: 84 Resp: 4060

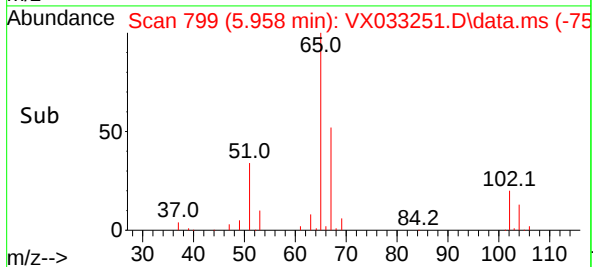
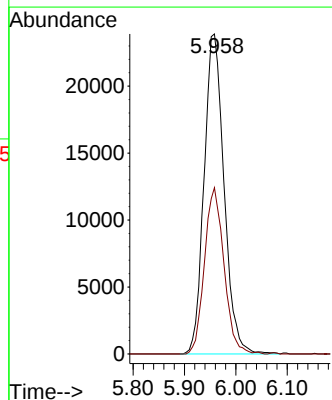
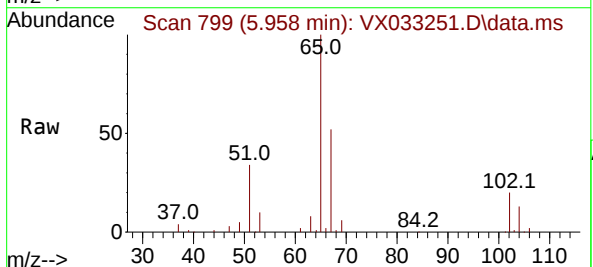
Ion	Ratio	Lower	Upper
84	100		
49	112.8	101.0	151.6
51	30.8	31.1	46.7#
86	75.2	52.3	78.5

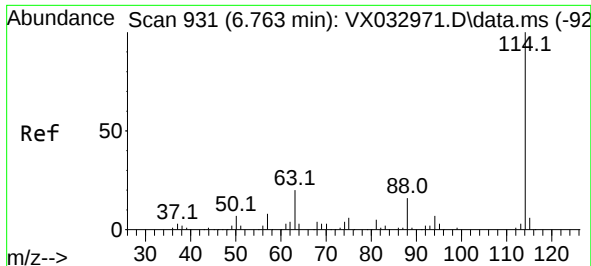


#33
1,2-Dichloroethane-d4
Concen: 52.985 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033251.D
Acq: 06 Dec 2022 01:03

Tgt Ion: 65 Resp: 64444

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.8

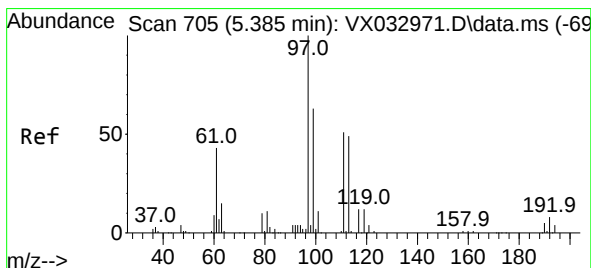
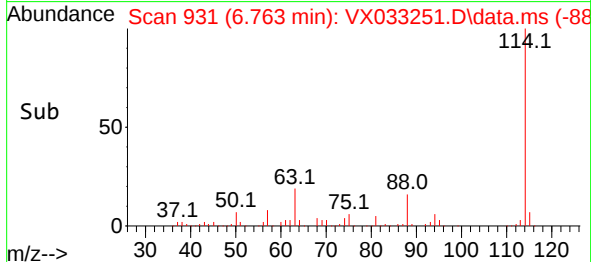
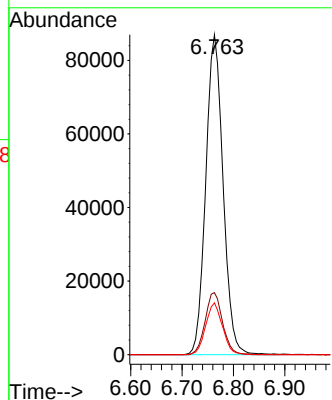
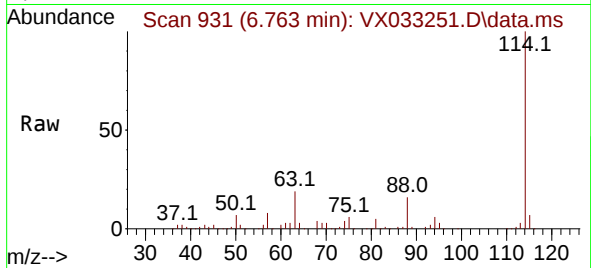




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033251.D
Acq: 06 Dec 2022 01:03

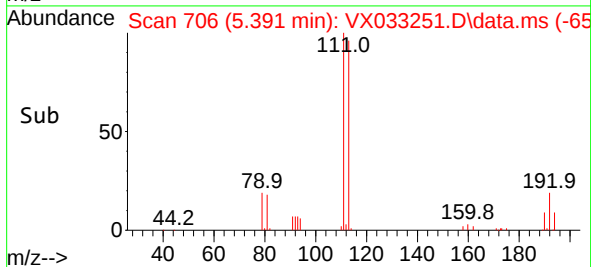
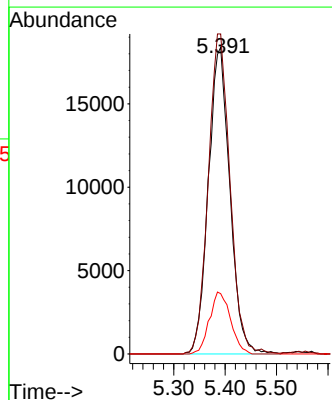
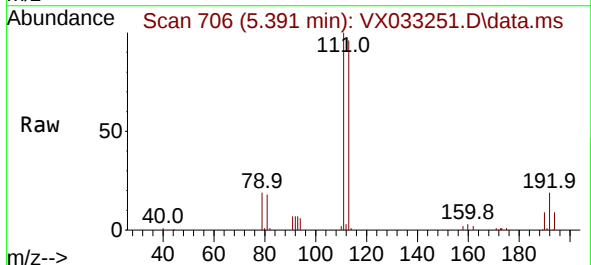
Instrument :
MSVOA_X
ClientSampleId :
PB149407TB

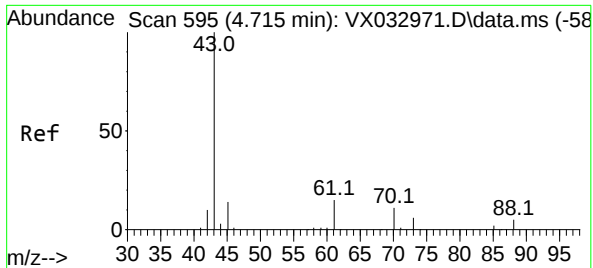
Tgt Ion:114 Resp: 203396
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.617 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033251.D
Acq: 06 Dec 2022 01:03

Tgt Ion:113 Resp: 53454
Ion Ratio Lower Upper
113 100
111 105.3 82.4 123.6
192 19.8 15.4 23.2





#37

Ethyl Acetate

Concen: 10.989 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX033251.D

Acq: 06 Dec 2022 01:03

Instrument :

MSVOA_X

ClientSampleId :

PB149407TB

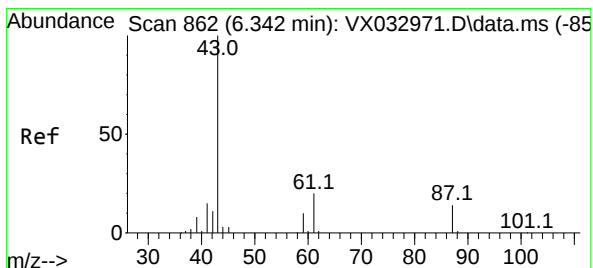
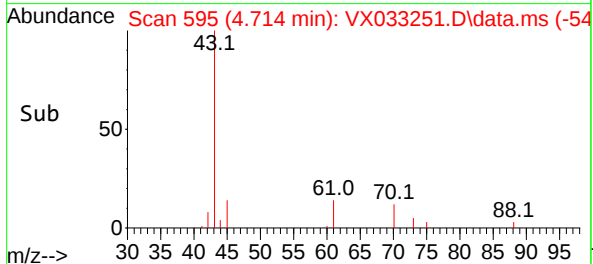
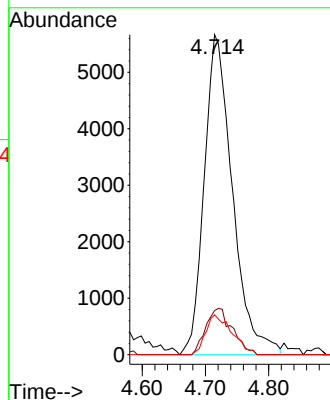
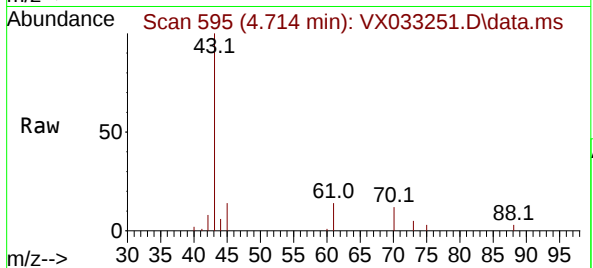
Tgt Ion: 43 Resp: 17578

Ion Ratio Lower Upper

43 100

61 13.7 11.5 17.3

70 11.6 9.1 13.7



#43

Isopropyl Acetate

Concen: 30.423 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX033251.D

Acq: 06 Dec 2022 01:03

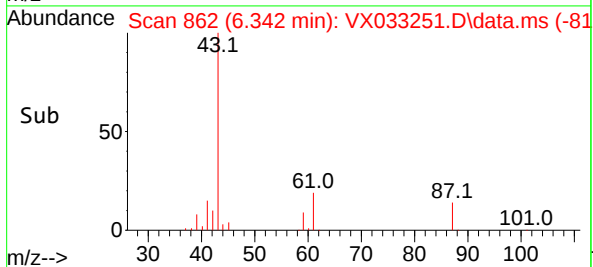
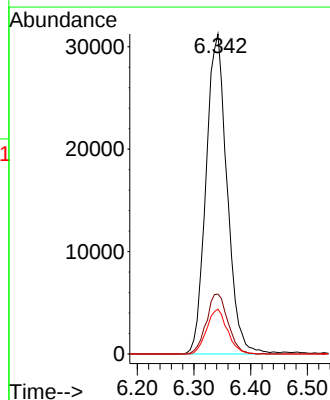
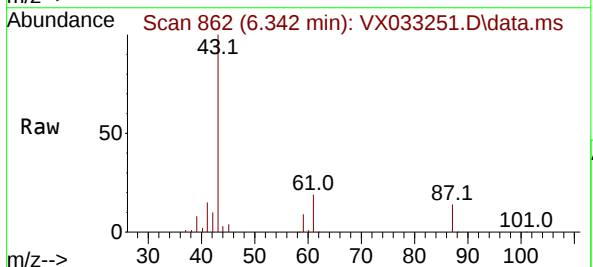
Tgt Ion: 43 Resp: 80483

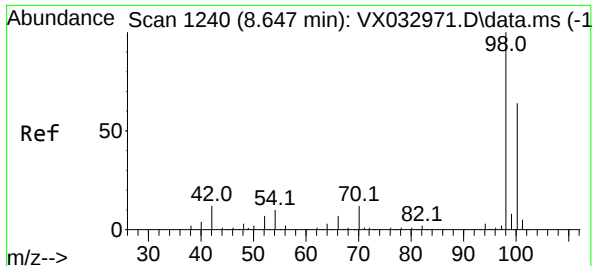
Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

87 13.7 10.8 16.2

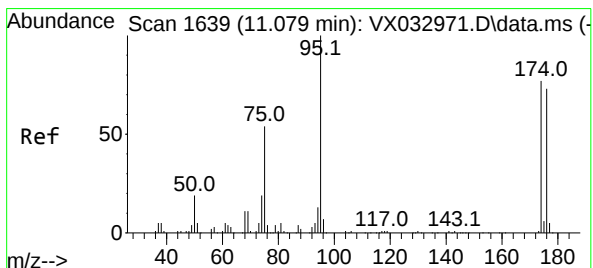
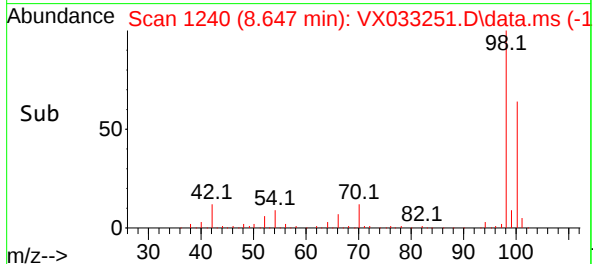
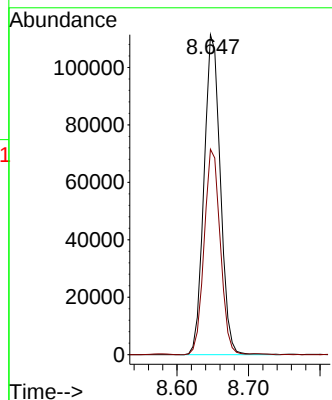
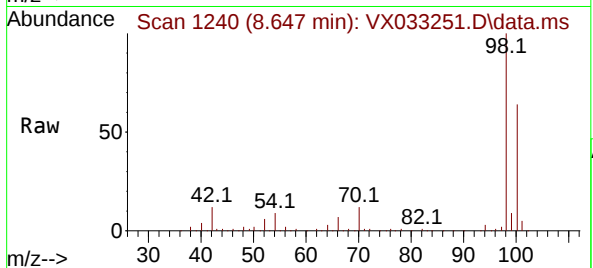




#50
Toluene-d8
Concen: 51.198 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033251.D
Acq: 06 Dec 2022 01:03

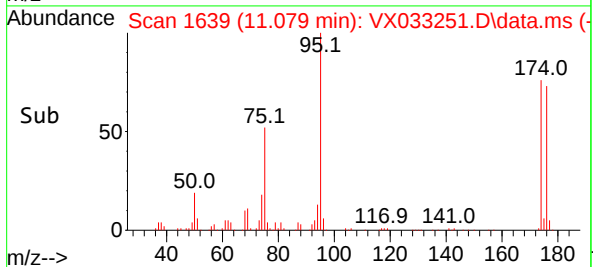
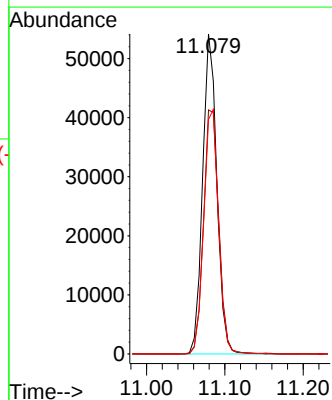
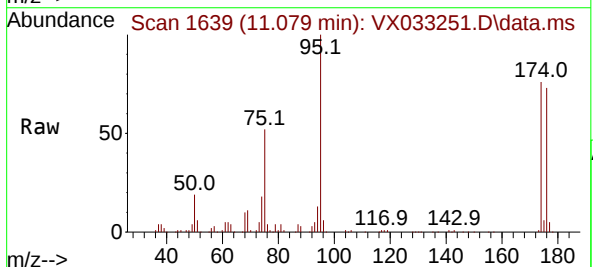
Instrument :
MSVOA_X
ClientSampleId :
PB149407TB

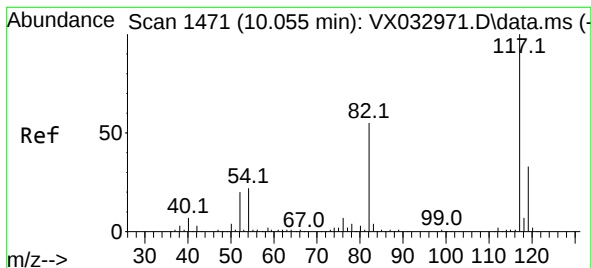
Tgt Ion: 98 Resp: 176460
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033251.D
Acq: 06 Dec 2022 01:03

Tgt Ion: 95 Resp: 68215
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 79.6 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: VX033251.D

Acq: 06 Dec 2022 01:03

Instrument :

MSVOA_X

ClientSampleId :

PB149407TB

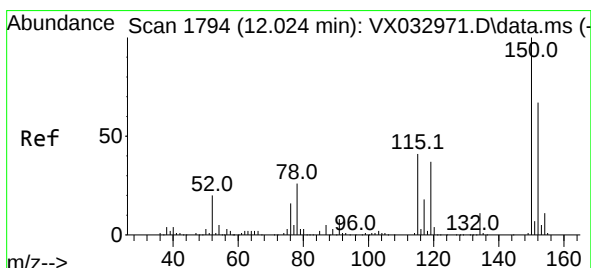
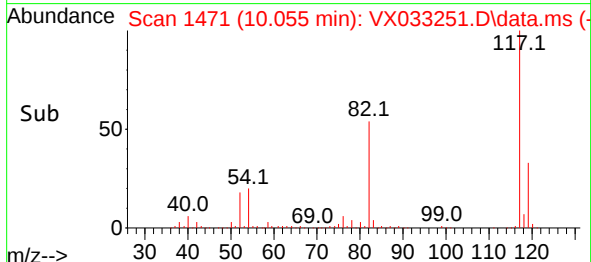
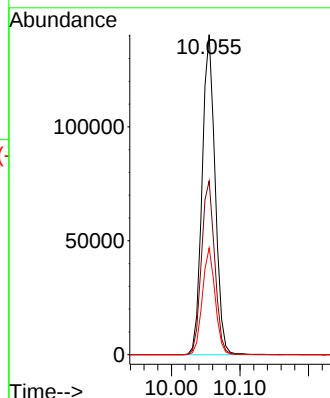
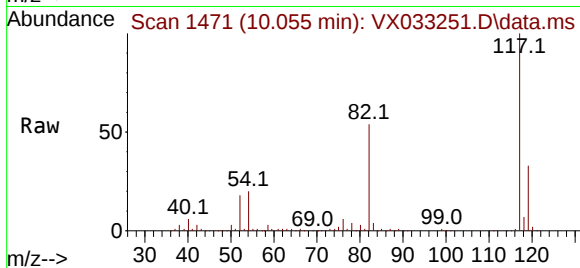
Tgt Ion:117 Resp: 185864

Ion Ratio Lower Upper

117 100

82 54.3 44.3 66.5

119 33.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033251.D

Acq: 06 Dec 2022 01:03

Tgt Ion:152 Resp: 85700

Ion Ratio Lower Upper

152 100

115 60.2 44.0 132.0

150 156.6 0.0 351.8

