

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070522\
 Data File : VX029923.D
 Acq On : 05 Jul 2022 16:15
 Operator : JC/MD
 Sample : PB145991ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB145991ZHE#09

Quant Time: Jul 06 06:56:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

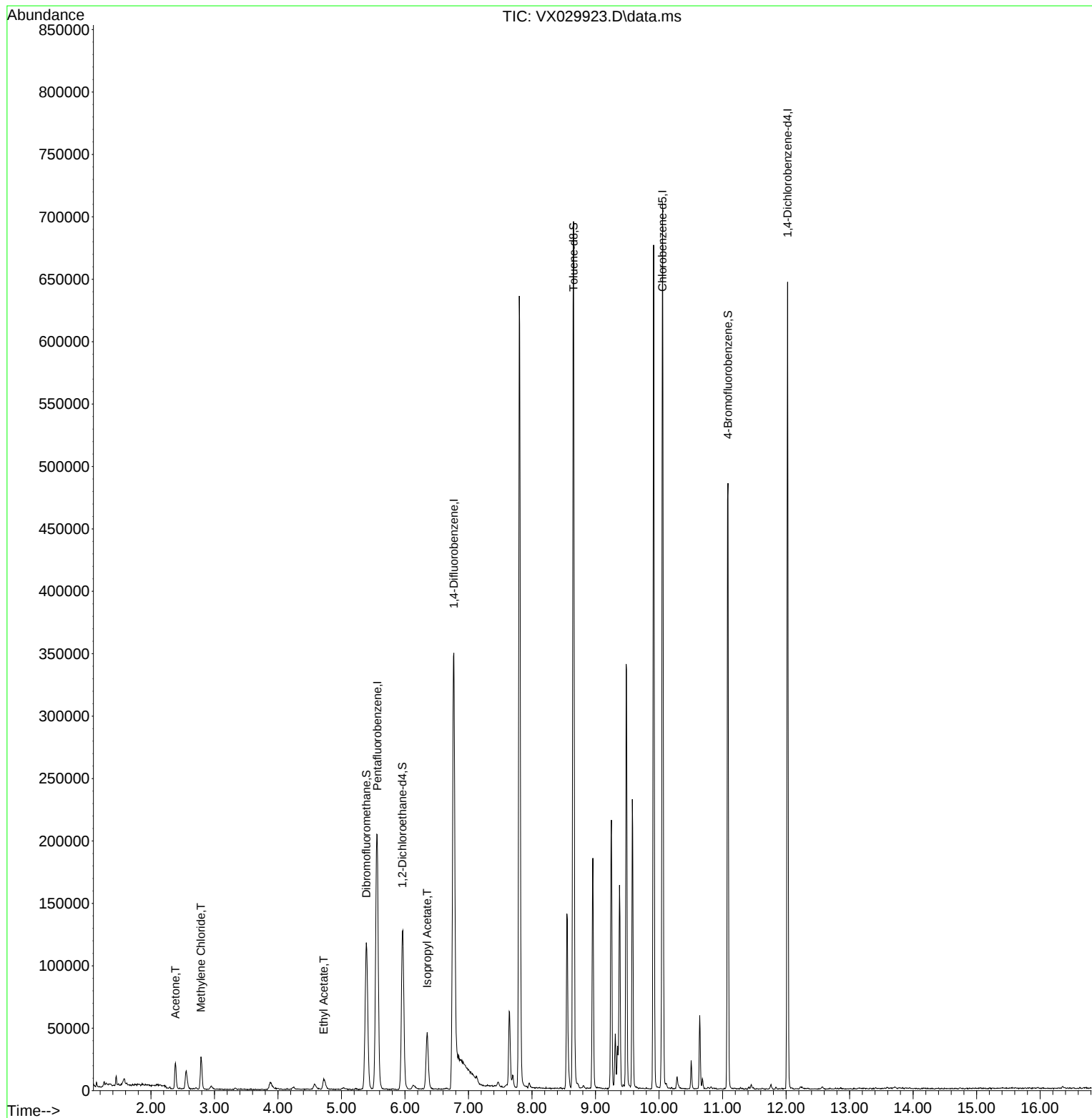
Internal Standards						
1) Pentafluorobenzene	5.562	168	208912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	364315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114719	43.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.760%
35) Dibromofluoromethane	5.391	113	106648	46.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	8.653	98	414561	48.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.085	95	137806	45.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.280%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	21808	16.856	ug/l	96
20) Methylene Chloride	2.788	84	11170	4.088	ug/l	95
37) Ethyl Acetate	4.721	43	15463	3.734	ug/l #	80
43) Isopropyl Acetate	6.348	43	61548	9.869	ug/l	99

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

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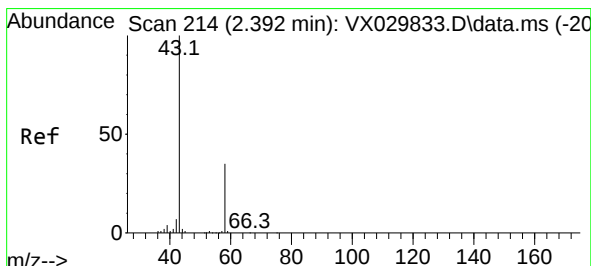
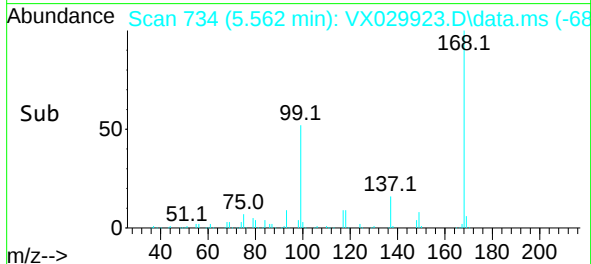
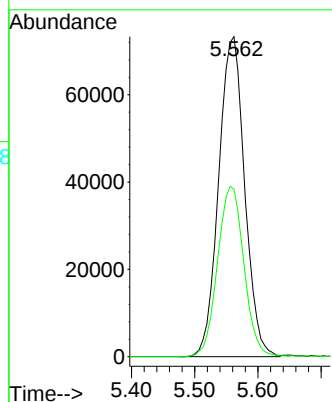
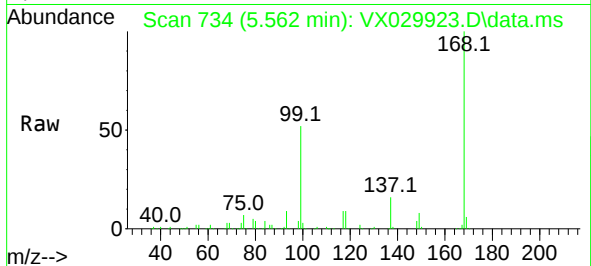




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029923.D
Acq: 05 Jul 2022 16:15

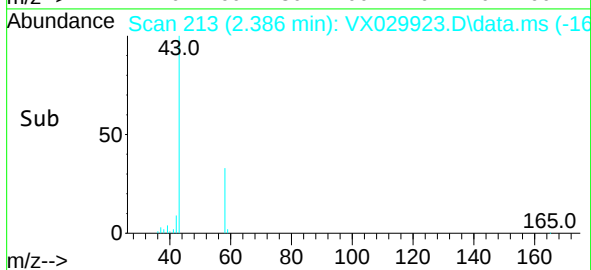
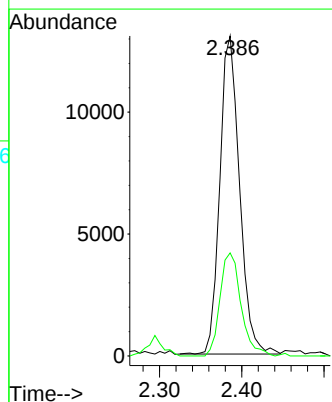
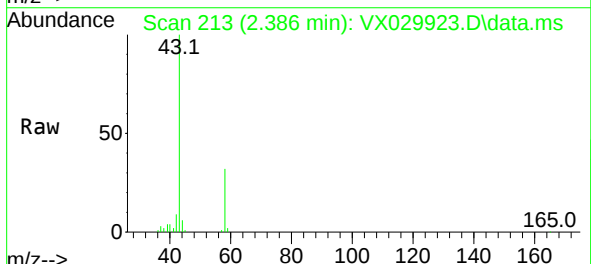
Instrument :
MSVOA_X
ClientSampleId :
PB145991ZHE#09

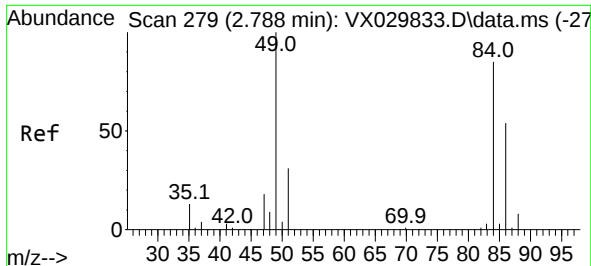
Tgt Ion:168 Resp: 208912
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#16
Acetone
Concen: 16.856 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029923.D
Acq: 05 Jul 2022 16:15

Tgt Ion: 43 Resp: 21808
Ion Ratio Lower Upper
43 100
58 32.4 27.7 41.5





#20

Methylene Chloride

Concen: 4.088 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX029923.D

Acq: 05 Jul 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

PB145991ZHE#09

Tgt Ion: 84 Resp: 11170

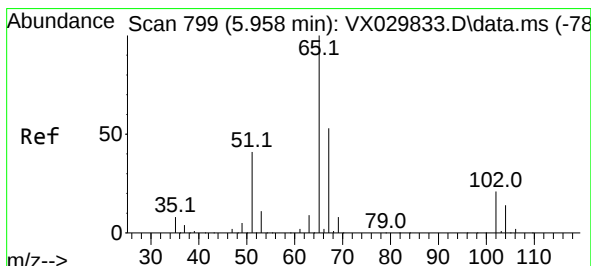
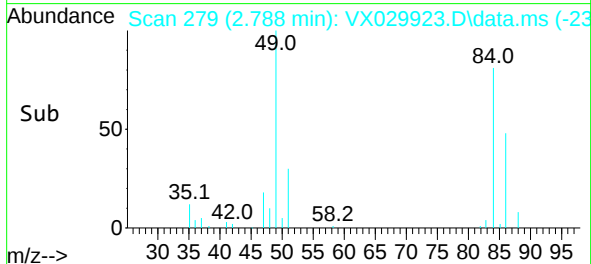
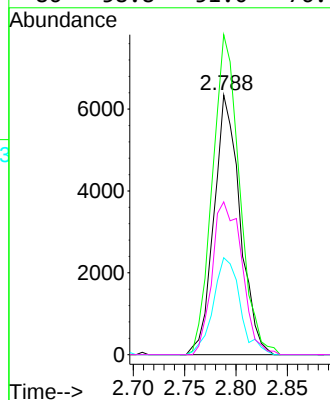
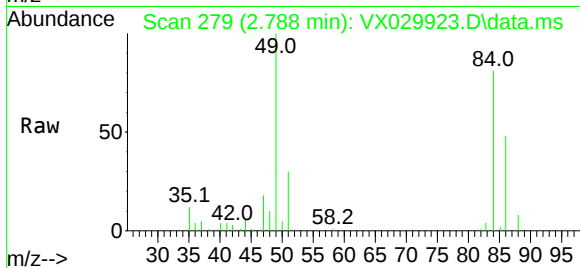
Ion Ratio Lower Upper

84 100

49 123.2 93.8 140.6

51 37.3 29.4 44.0

86 58.8 51.0 76.4



#33

1,2-Dichloroethane-d4

Concen: 43.381 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029923.D

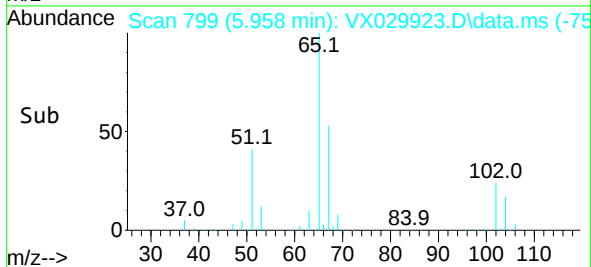
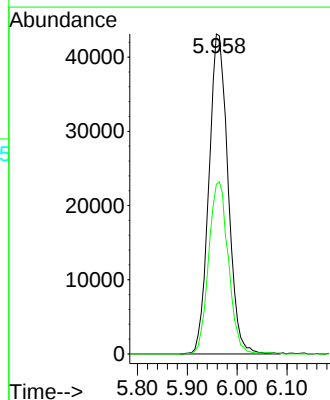
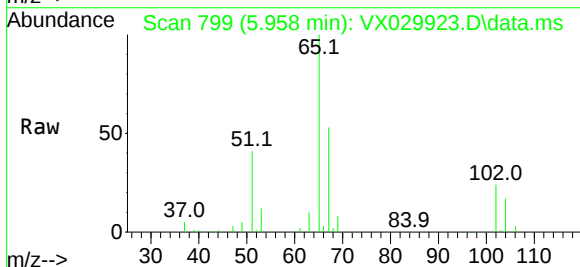
Acq: 05 Jul 2022 16:15

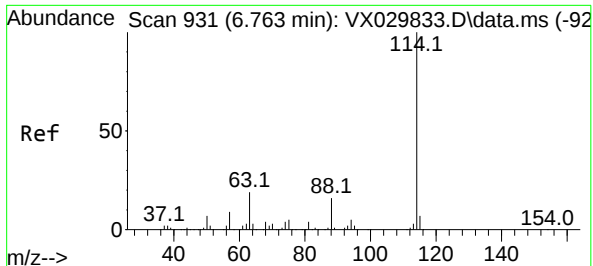
Tgt Ion: 65 Resp: 114719

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6

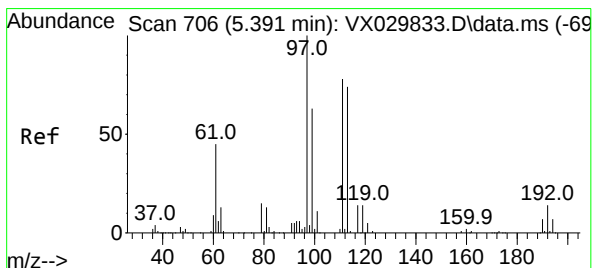
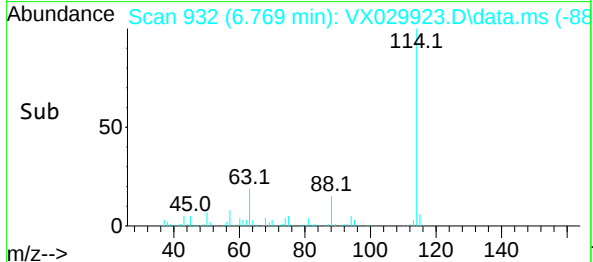
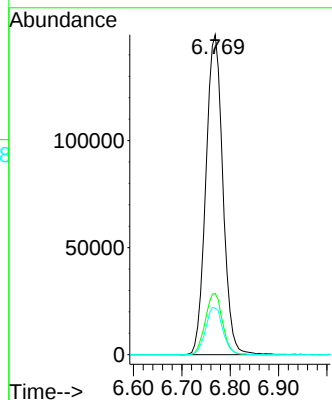
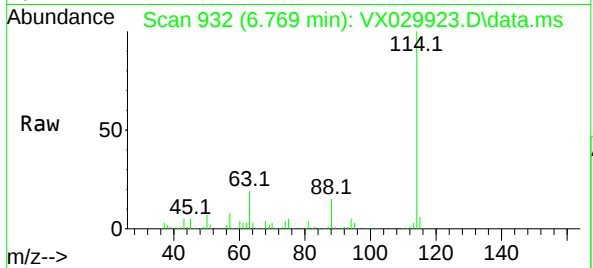




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029923.D
Acq: 05 Jul 2022 16:15

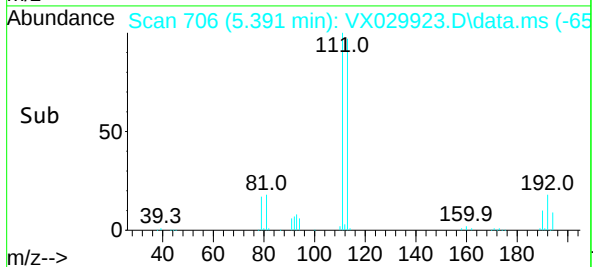
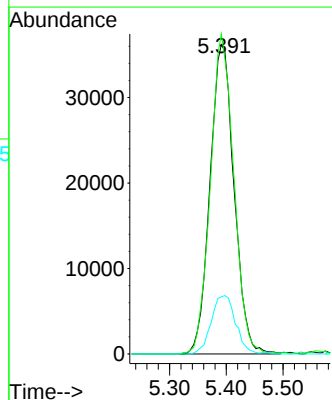
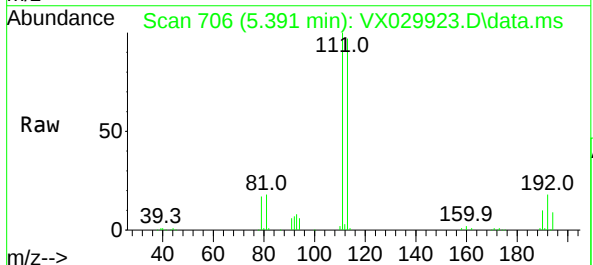
Instrument :
MSVOA_X
ClientSampleId :
PB145991ZHE#09

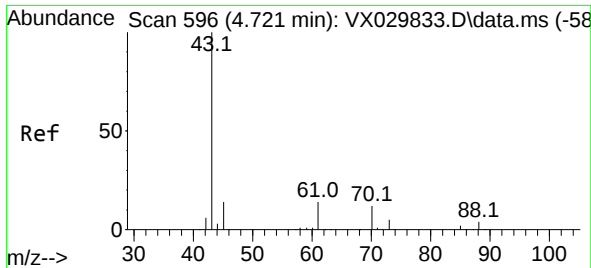
Tgt Ion:114 Resp: 364315
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.842 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029923.D
Acq: 05 Jul 2022 16:15

Tgt Ion:113 Resp: 106648
Ion Ratio Lower Upper
113 100
111 100.3 83.2 124.8
192 19.0 14.8 22.2





#37

Ethyl Acetate

Concen: 3.734 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX029923.D

Acq: 05 Jul 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

PB145991ZHE#09

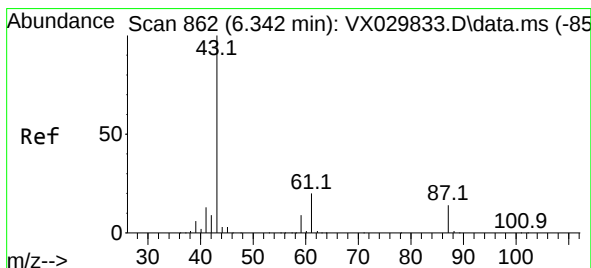
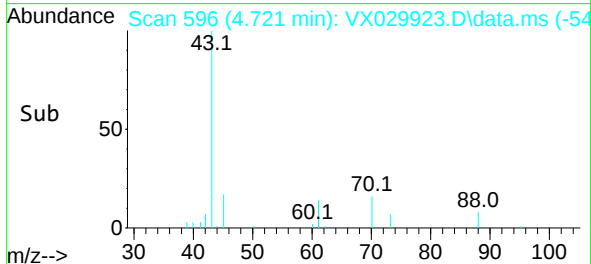
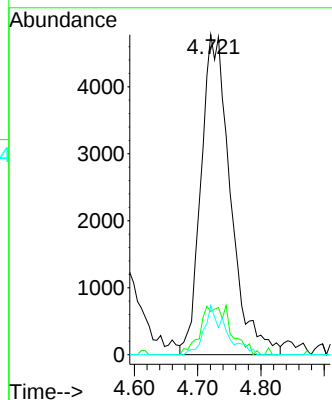
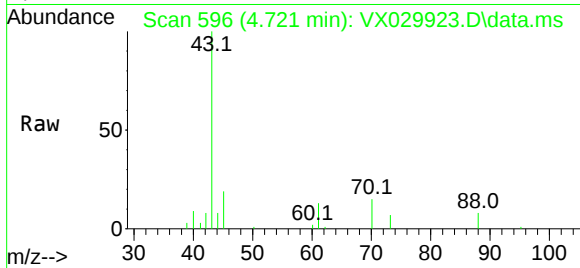
Tgt Ion: 43 Resp: 15463

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 11.4 9.3 13.9



#43

Isopropyl Acetate

Concen: 9.869 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX029923.D

Acq: 05 Jul 2022 16:15

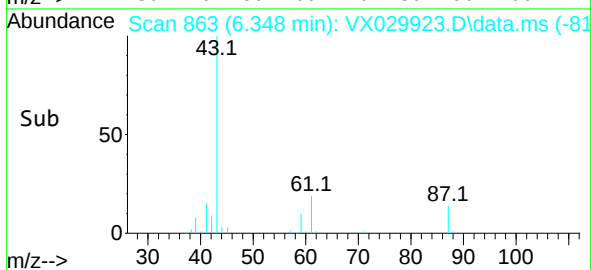
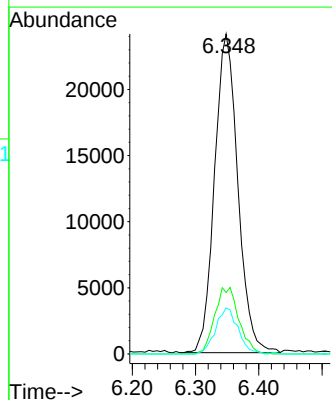
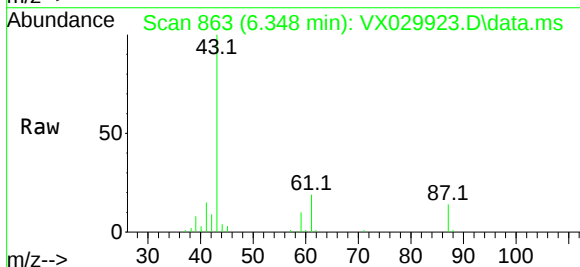
Tgt Ion: 43 Resp: 61548

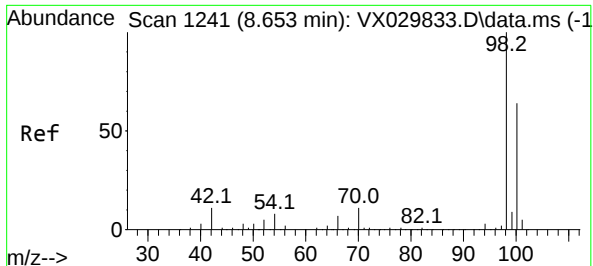
Ion Ratio Lower Upper

43 100

61 21.7 16.5 24.7

87 13.9 11.1 16.7

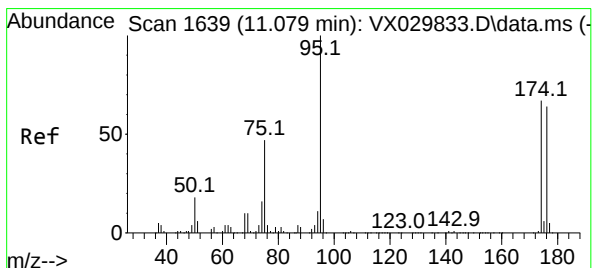
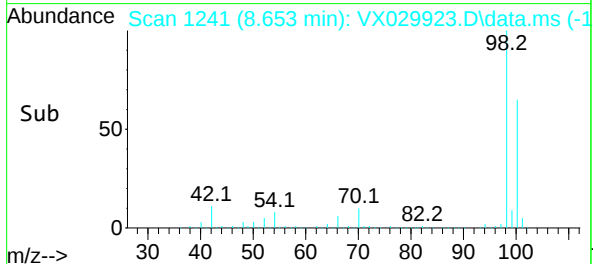
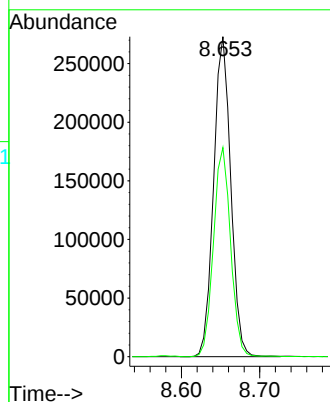
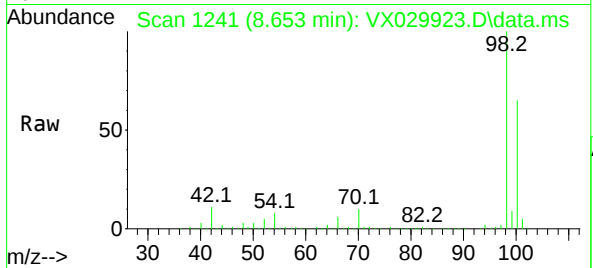




#50
Toluene-d8
Concen: 48.536 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029923.D
Acq: 05 Jul 2022 16:15

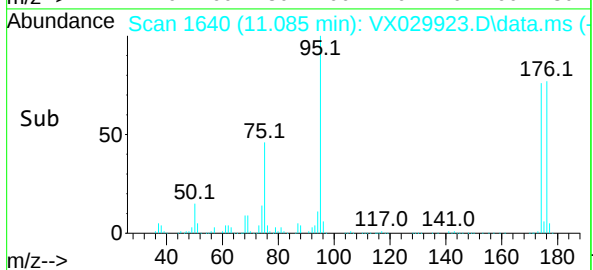
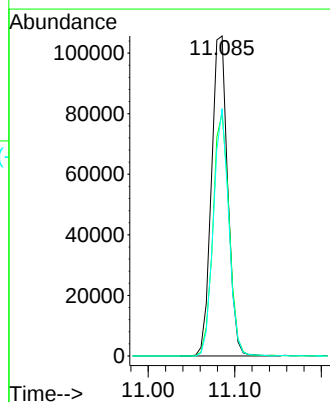
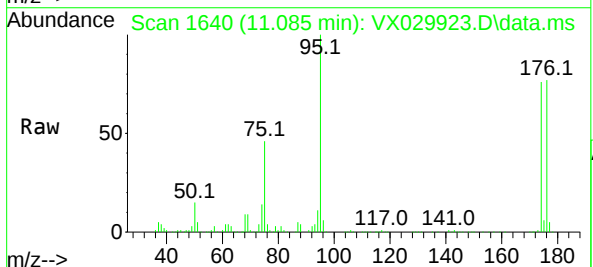
Instrument :
MSVOA_X
ClientSampleId :
PB145991ZHE#09

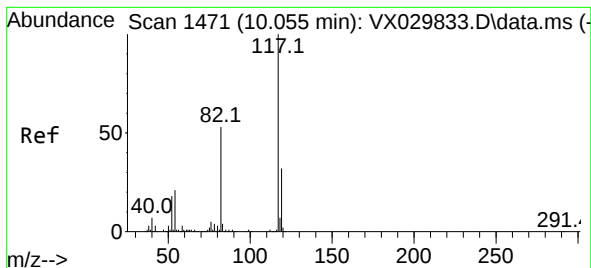
Tgt Ion: 98 Resp: 414561
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.643 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029923.D
Acq: 05 Jul 2022 16:15

Tgt Ion: 95 Resp: 137806
Ion Ratio Lower Upper
95 100
174 75.5 0.0 149.0
176 73.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029923.D

Acq: 05 Jul 2022 16:15

Instrument :

MSVOA_X

ClientSampleId :

PB145991ZHE#09

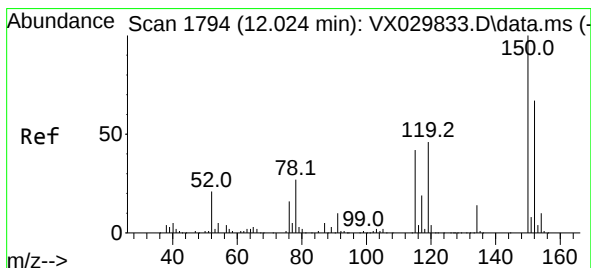
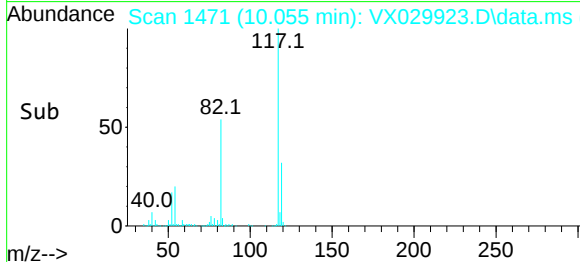
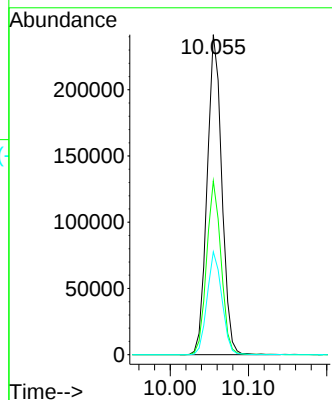
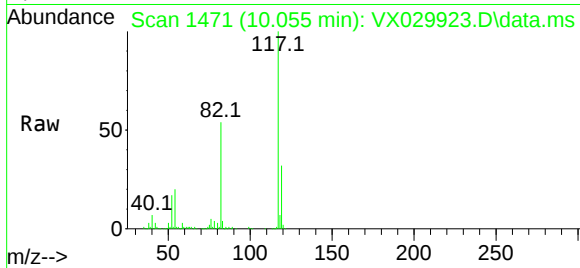
Tgt Ion:117 Resp: 313598

Ion Ratio Lower Upper

117 100

82 54.3 42.7 64.1

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029923.D

Acq: 05 Jul 2022 16:15

Tgt Ion:152 Resp: 132812

Ion Ratio Lower Upper

152 100

115 57.8 40.5 121.5

150 155.9 0.0 347.0

