

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033424.D
 Acq On : 14 Dec 2022 17:02
 Operator : JC/MD
 Sample : N6024-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-Q

Quant Time: Dec 14 22:52:00 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)

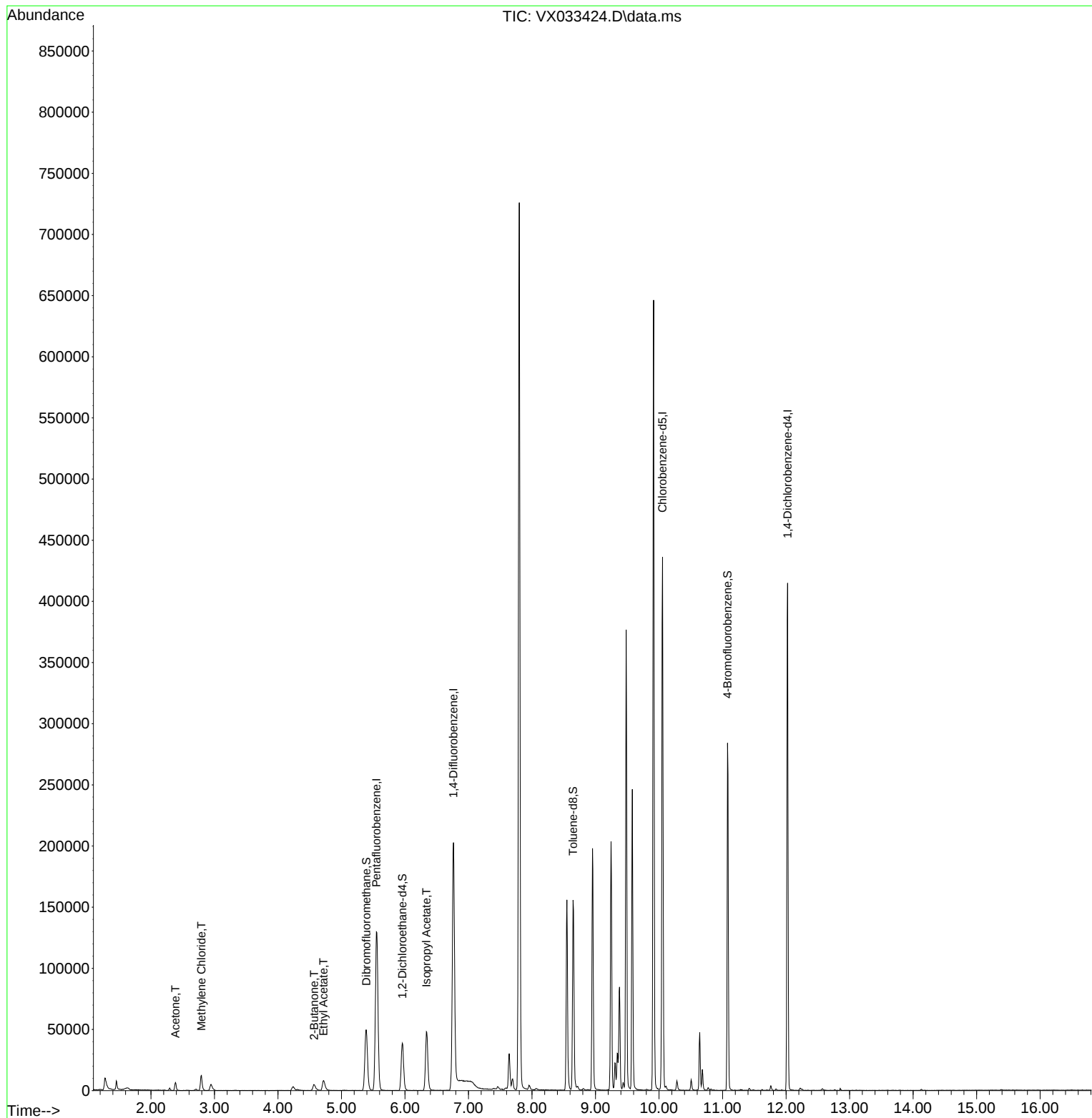
Internal Standards						
1) Pentafluorobenzene	5.550	168	126425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40951	50.491	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.980%		
35) Dibromofluoromethane	5.391	113	44945	48.733	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.460%		
50) Toluene-d8	8.647	98	95412	49.454	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.900%		
62) 4-Bromofluorobenzene	11.079	95	74451	50.469	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.940%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	7459	12.428	ug/l	93
20) Methylene Chloride	2.794	84	6339	4.736	ug/l	90
25) 2-Butanone	4.568	43	7883	9.150	ug/l #	89
37) Ethyl Acetate	4.715	43	14960	8.801	ug/l	99
43) Isopropyl Acetate	6.336	43	65721	24.031	ug/l	99

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

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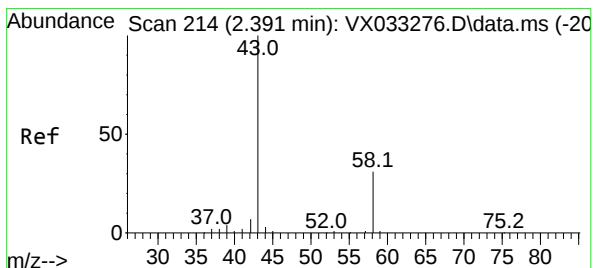
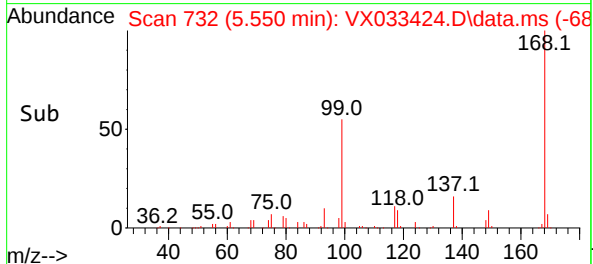
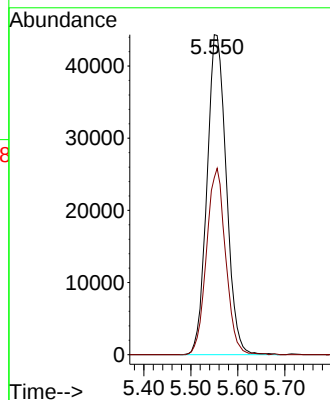
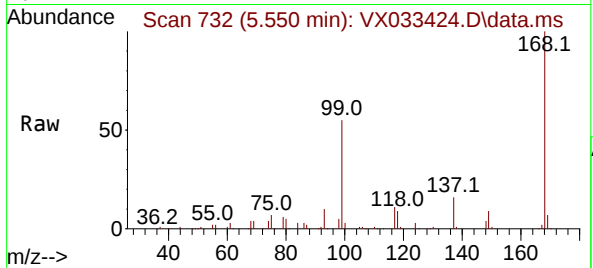




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033424.D
Acq: 14 Dec 2022 17:02

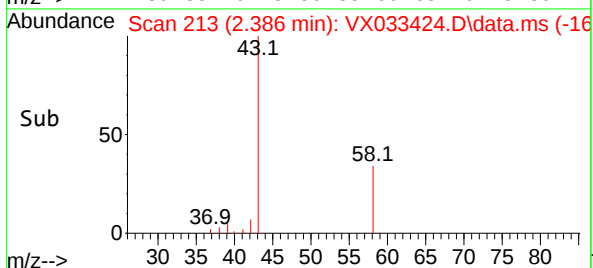
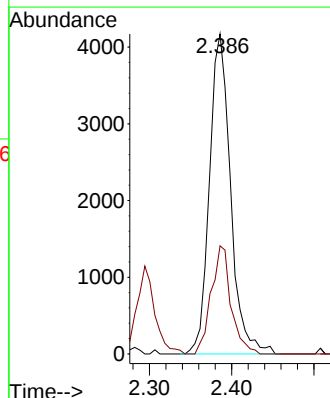
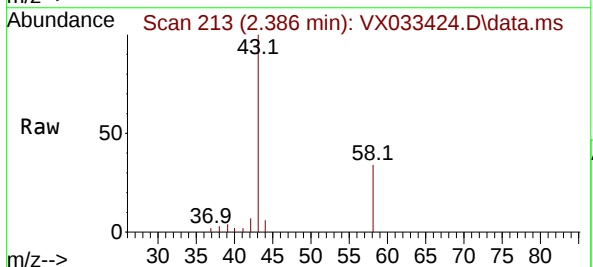
Instrument :
MSVOA_X
ClientSampleId :
TP-Q

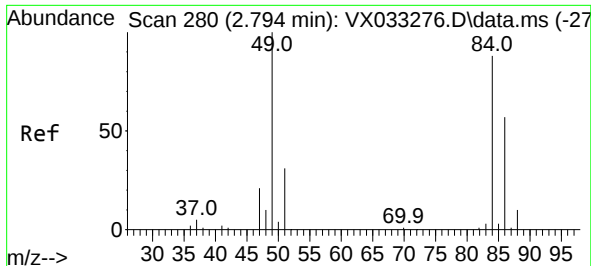
Tgt Ion:168 Resp: 126425
Ion Ratio Lower Upper
168 100
99 55.3 46.1 69.1



#16
Acetone
Concen: 12.428 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033424.D
Acq: 14 Dec 2022 17:02

Tgt Ion: 43 Resp: 7459
Ion Ratio Lower Upper
43 100
58 33.8 23.8 35.8

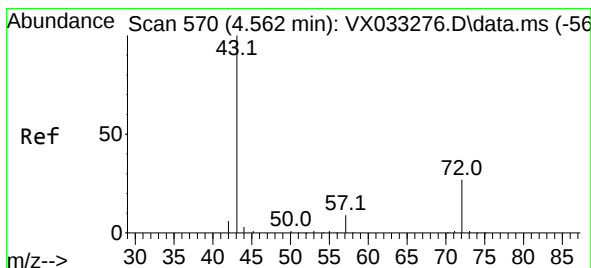
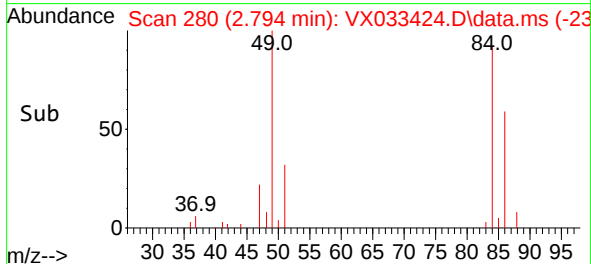
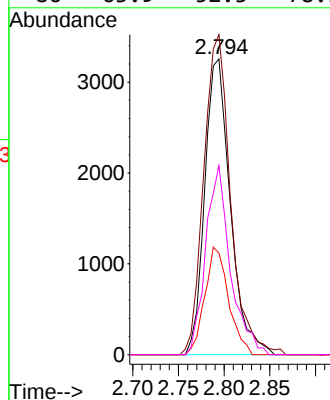
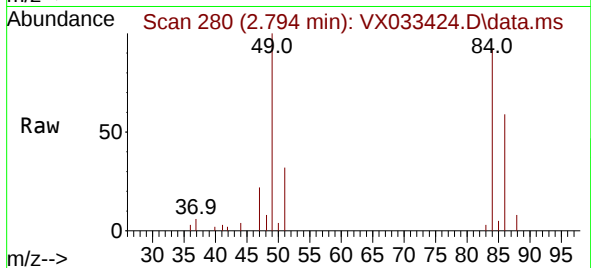




#20
Methylene Chloride
Concen: 4.736 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033424.D
Acq: 14 Dec 2022 17:02

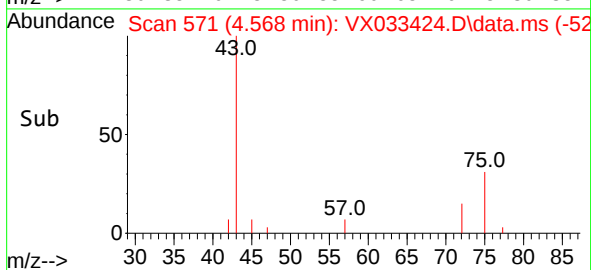
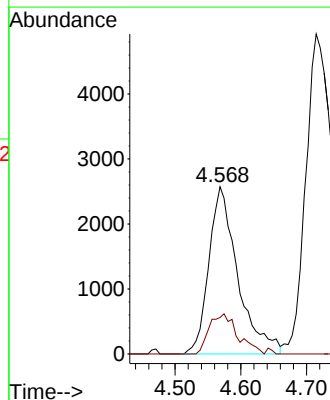
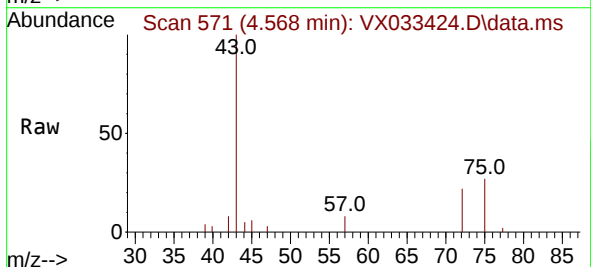
Instrument :
MSVOA_X
ClientSampleId :
TP-Q

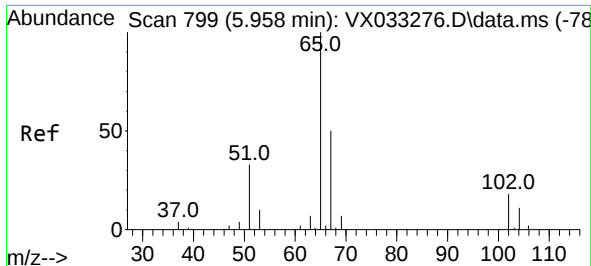
Tgt Ion:	84	Resp:	6339
Ion	Ratio	Lower	Upper
84	100		
49	108.2	101.0	151.6
51	34.4	31.1	46.7
86	63.9	52.3	78.5



#25
2-Butanone
Concen: 9.150 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX033424.D
Acq: 14 Dec 2022 17:02

Tgt Ion:	43	Resp:	7883
Ion	Ratio	Lower	Upper
43	100		
72	21.8	22.2	33.2#





#33

1,2-Dichloroethane-d4

Concen: 50.491 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033424.D

Acq: 14 Dec 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

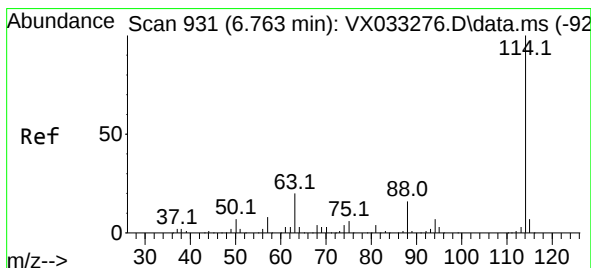
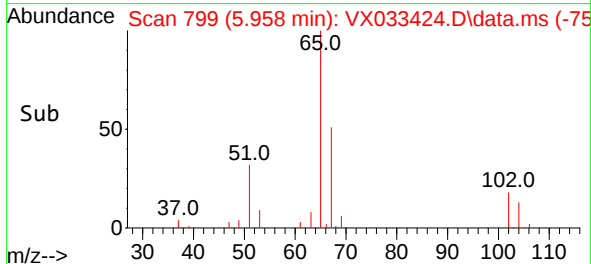
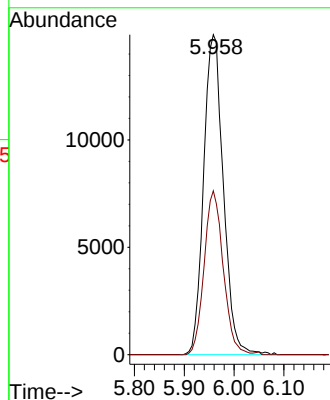
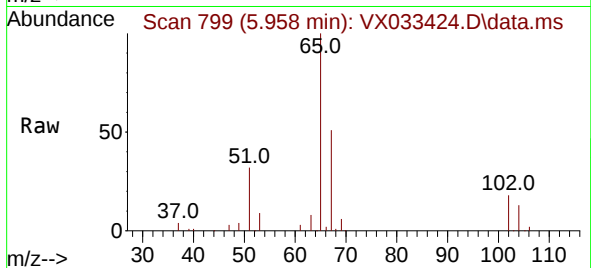
TP-Q

Tgt Ion: 65 Resp: 40951

Ion Ratio Lower Upper

65 100

67 49.6 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: VX033424.D

Acq: 14 Dec 2022 17:02

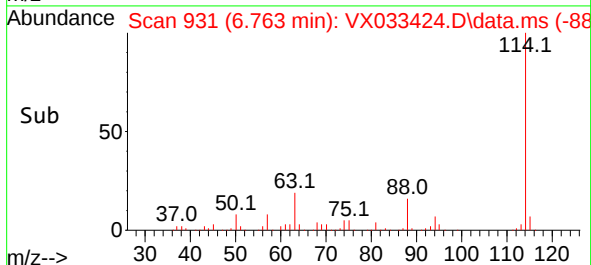
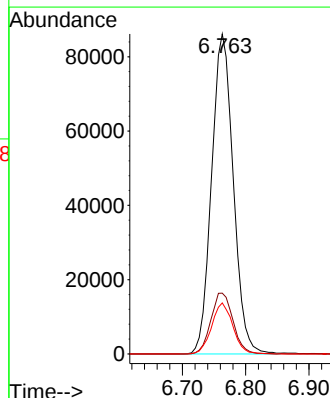
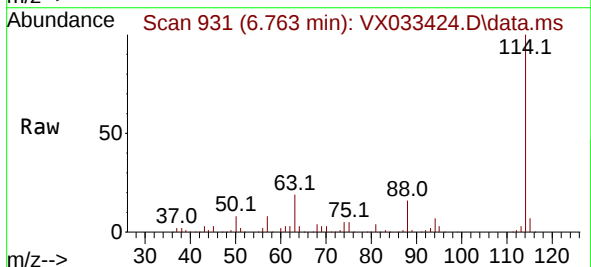
Tgt Ion: 114 Resp: 205047

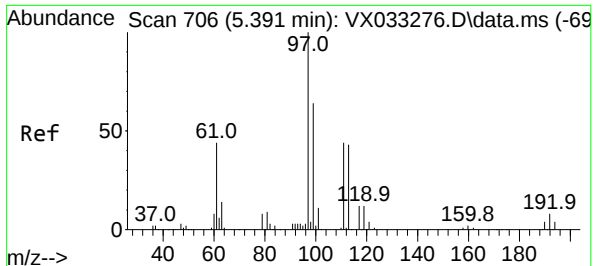
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.733 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033424.D

Acq: 14 Dec 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

TP-Q

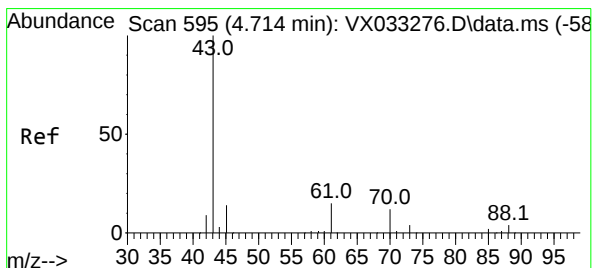
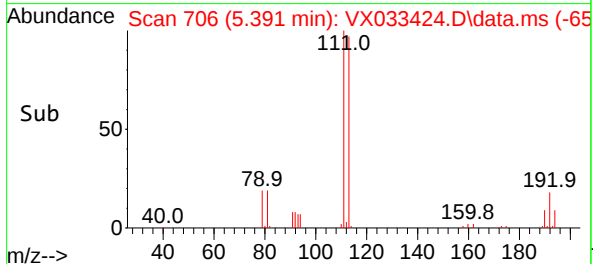
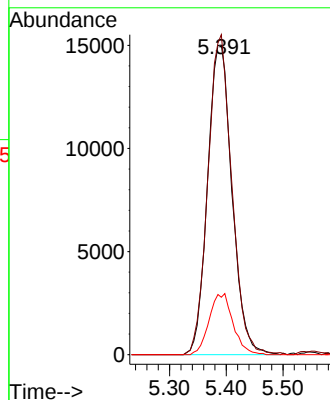
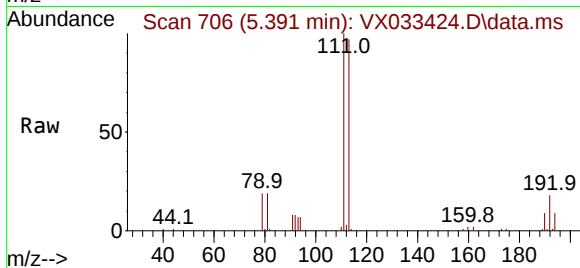
Tgt Ion:113 Resp: 44945

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

192 19.3 15.4 23.2



#37

Ethyl Acetate

Concen: 8.801 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033424.D

Acq: 14 Dec 2022 17:02

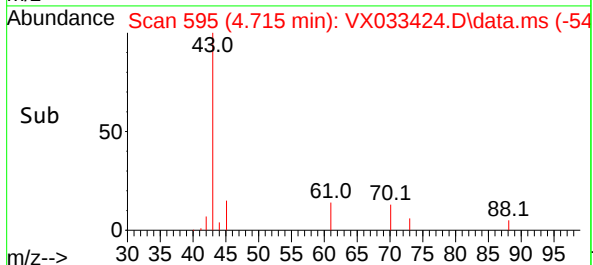
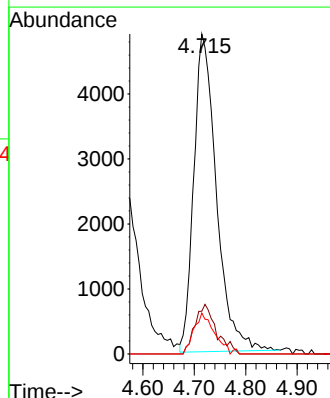
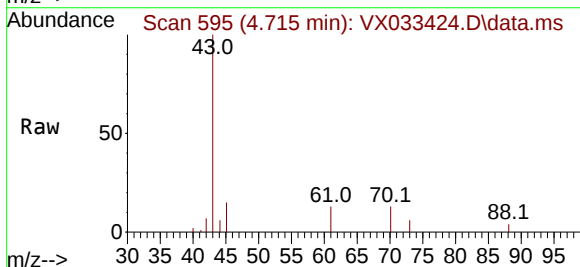
Tgt Ion: 43 Resp: 14960

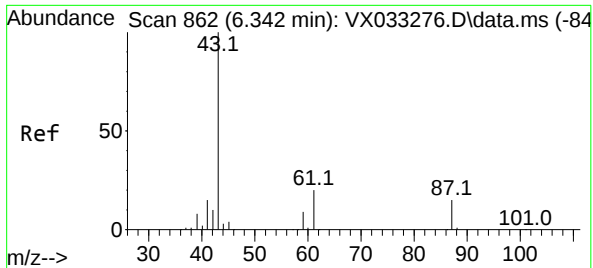
Ion Ratio Lower Upper

43 100

61 14.8 11.5 17.3

70 11.8 9.1 13.7

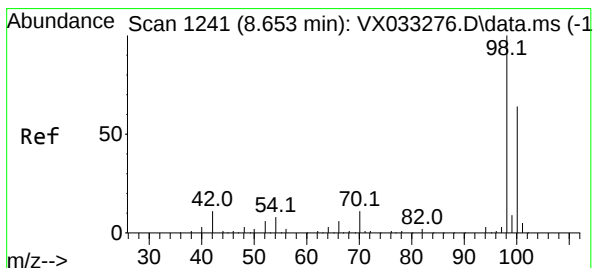
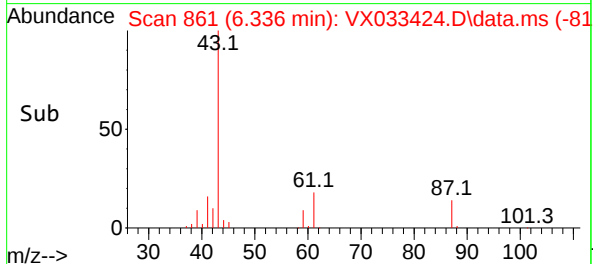
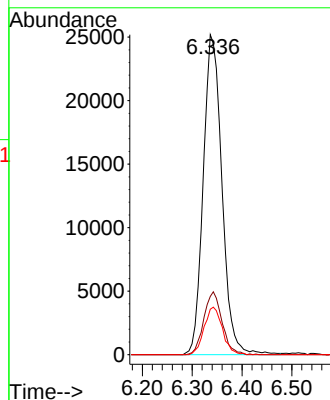
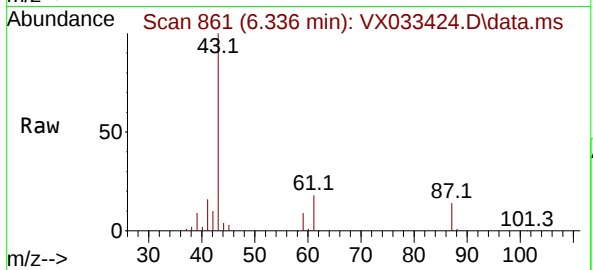




#43
Isopropyl Acetate
Concen: 24.031 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033424.D
Acq: 14 Dec 2022 17:02

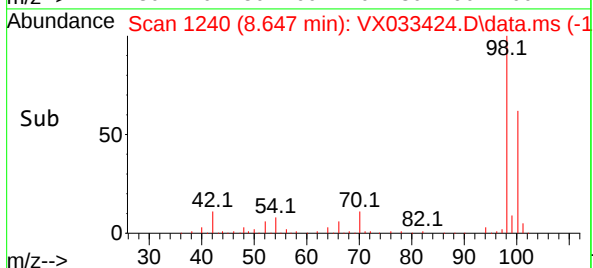
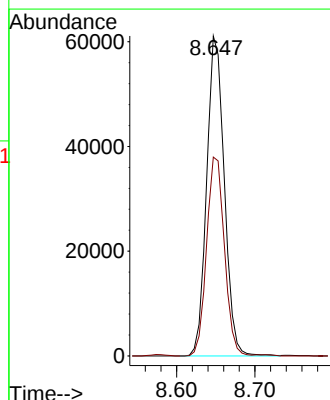
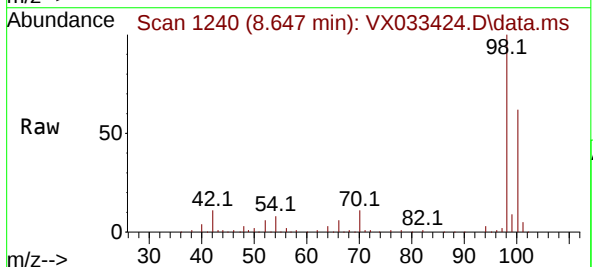
Instrument :
MSVOA_X
ClientSampleId :
TP-Q

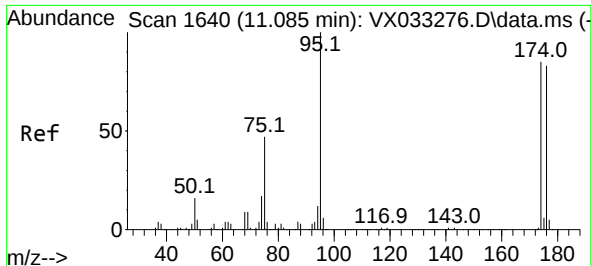
Tgt Ion: 43 Resp: 65721
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 14.4 10.8 16.2



#50
Toluene-d8
Concen: 49.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033424.D
Acq: 14 Dec 2022 17:02

Tgt Ion: 98 Resp: 95412
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 50.469 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033424.D

Acq: 14 Dec 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

TP-Q

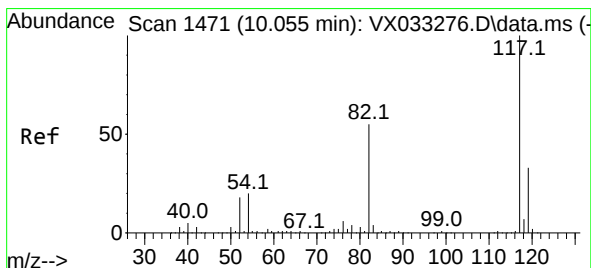
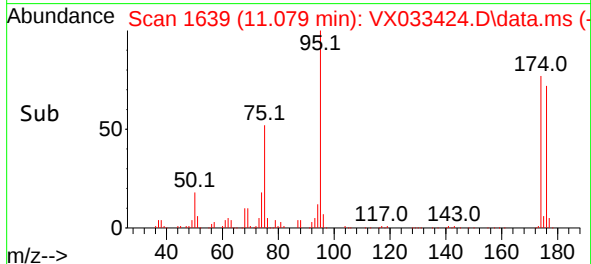
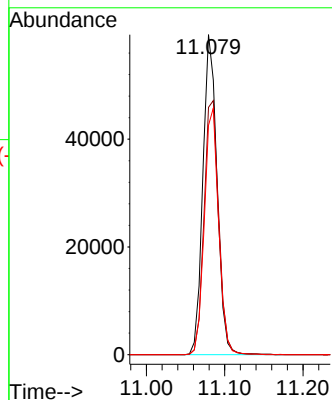
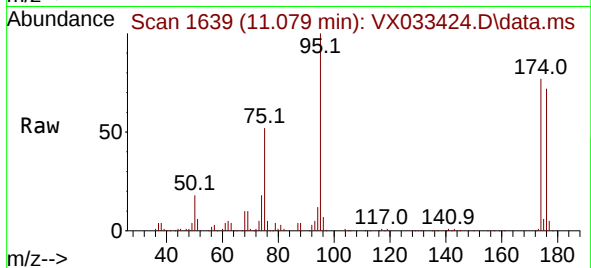
Tgt Ion: 95 Resp: 74451

Ion Ratio Lower Upper

95 100

174 82.6 0.0 164.0

176 78.0 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: VX033424.D

Acq: 14 Dec 2022 17:02

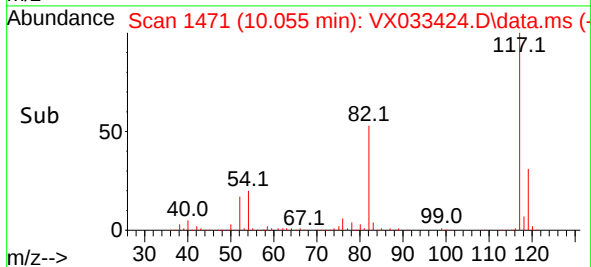
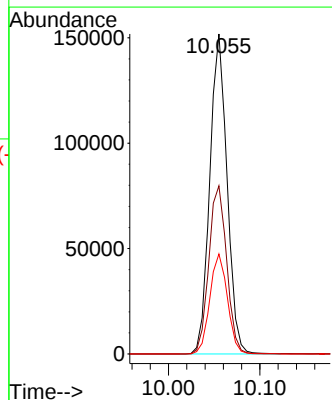
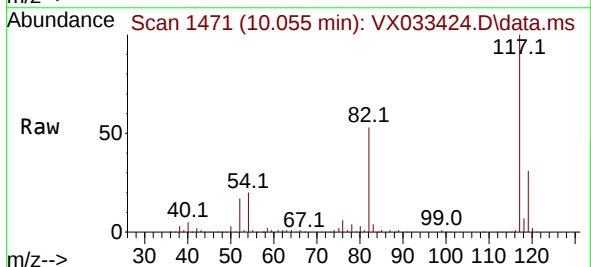
Tgt Ion: 117 Resp: 198524

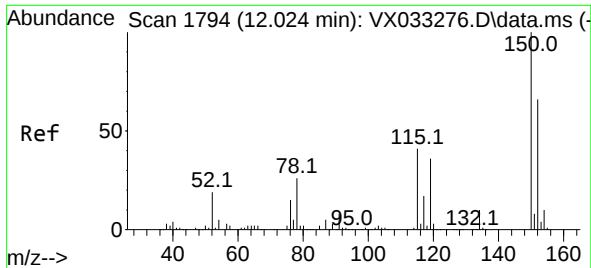
Ion Ratio Lower Upper

117 100

82 52.6 44.3 66.5

119 31.3 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: VX033424.D

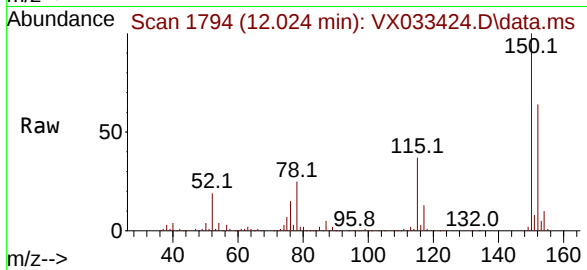
Acq: 14 Dec 2022 17:02

Instrument :

MSVOA_X

ClientSampleId :

TP-Q



Tgt Ion:152 Resp: 86995

Ion Ratio Lower Upper

152 100

115 59.6 44.0 132.0

150 159.2 0.0 351.8

