

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031324.D
 Acq On : 14 Sep 2022 22:35
 Operator : JC/MD
 Sample : N4580-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CO-1

Quant Time: Sep 15 06:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

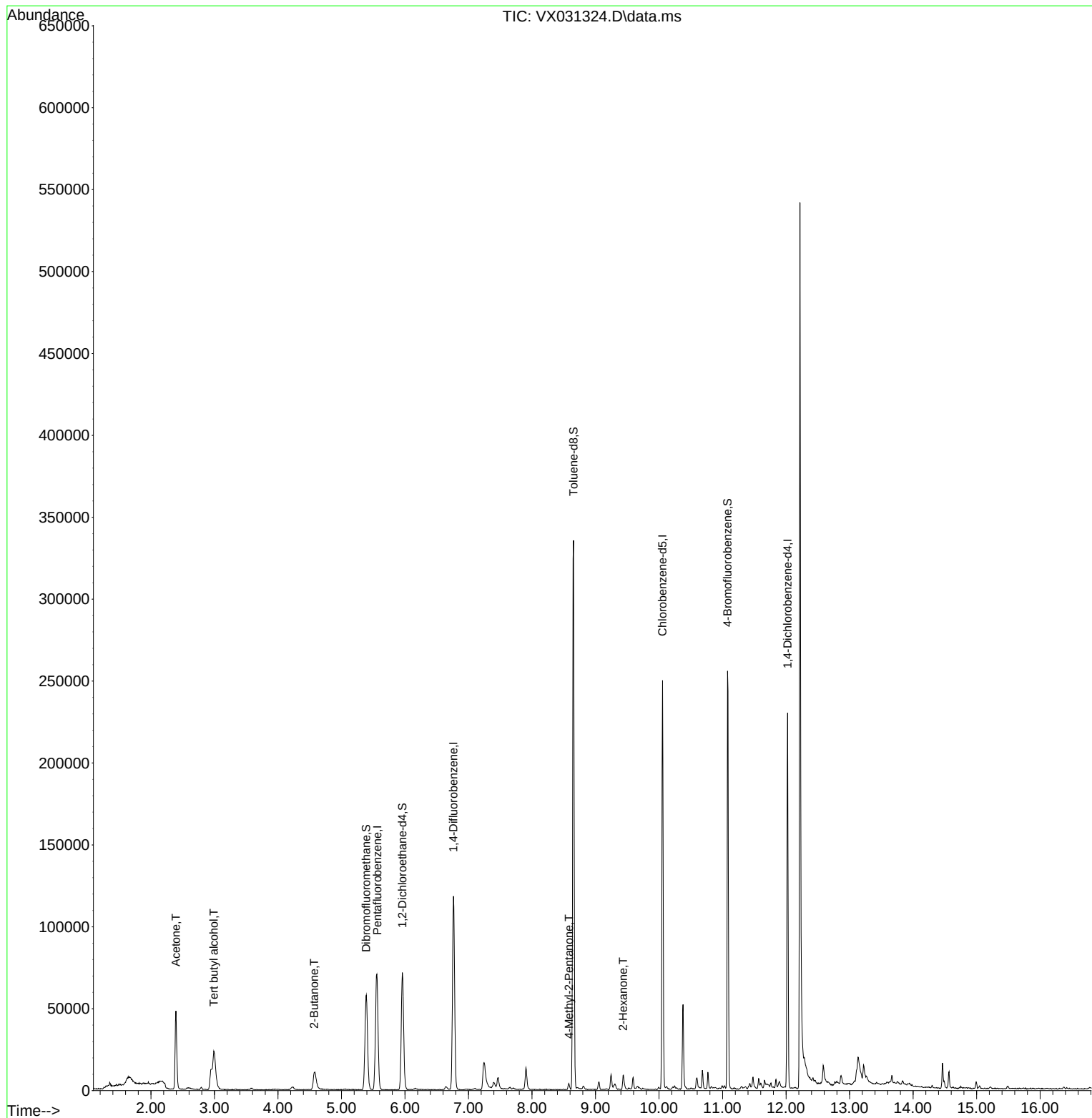
Internal Standards						
1) Pentafluorobenzene	5.562	168	62175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66943	43.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.740%
35) Dibromofluoromethane	5.385	113	48235	39.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	79.540%
50) Toluene-d8	8.653	98	188659	41.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	82.920%#
62) 4-Bromofluorobenzene	11.079	95	62137	37.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	74.580%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	49900	142.136	ug/l	98
16) Acetone	2.392	43	56082	86.081	ug/l	96
25) 2-Butanone	4.568	43	13637	12.690	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	2772	1.225	ug/l	90
59) 2-Hexanone	9.433	43	5450	3.155	ug/l	87

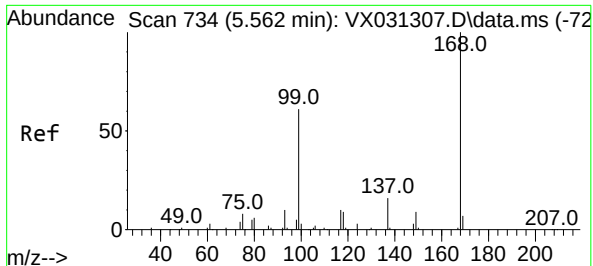
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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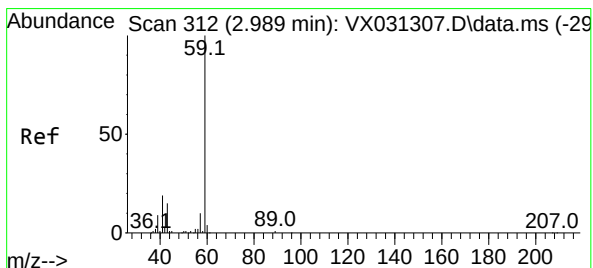
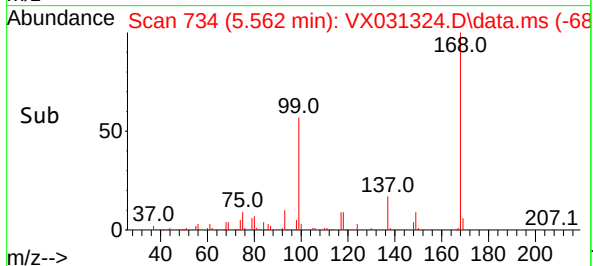
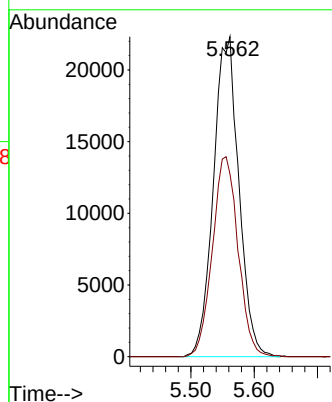
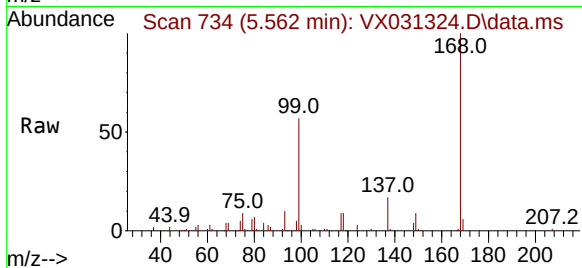




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX031324.D
Acq: 14 Sep 2022 22:35

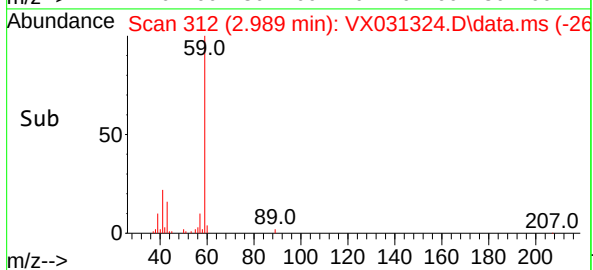
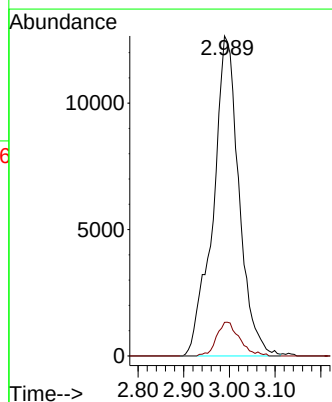
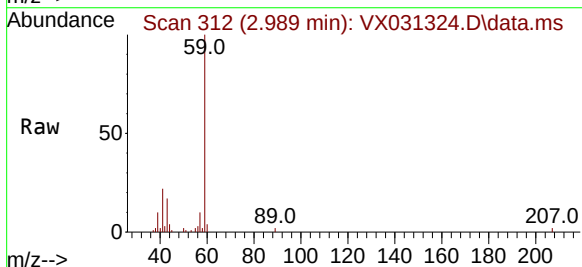
Instrument :
MSVOA_X
ClientSampleId :
CO-1

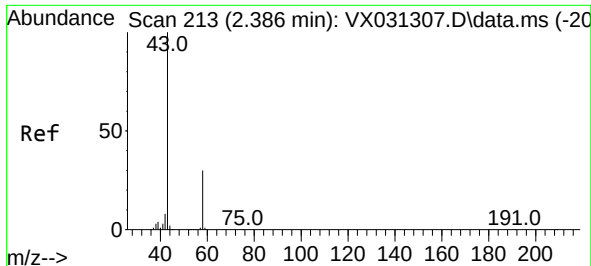
Tgt Ion:168 Resp: 62175
Ion Ratio Lower Upper
168 100
99 57.1 48.8 73.2



#11
Tert butyl alcohol
Concen: 142.136 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX031324.D
Acq: 14 Sep 2022 22:35

Tgt Ion: 59 Resp: 49900
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2

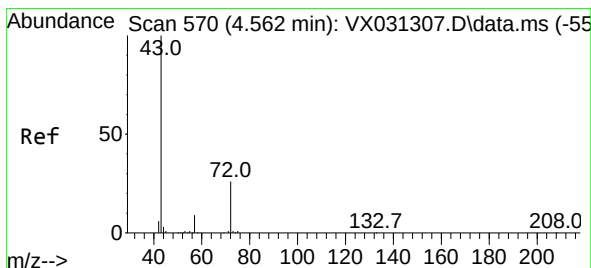
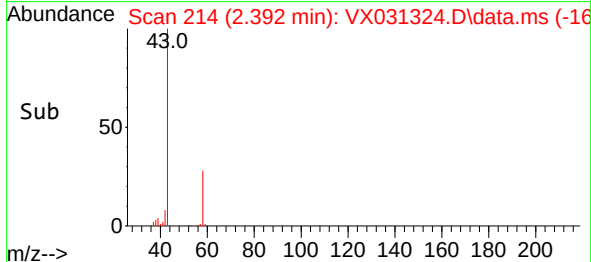
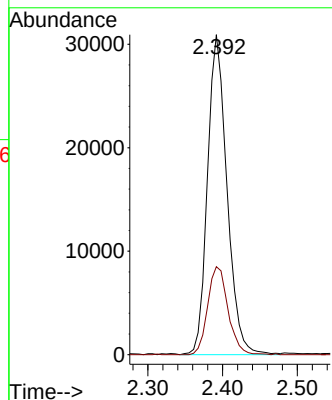
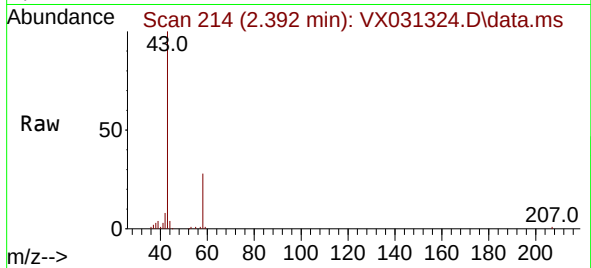




#16
Acetone
Concen: 86.081 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031324.D
Acq: 14 Sep 2022 22:35

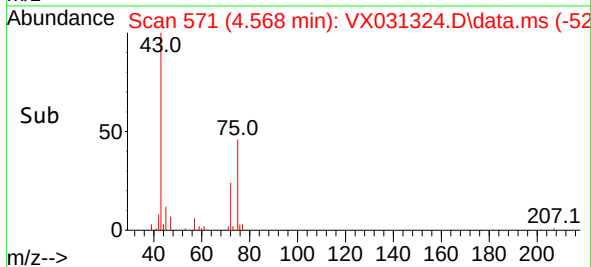
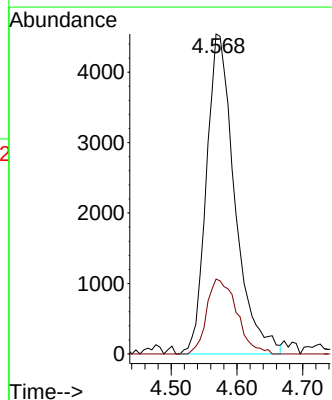
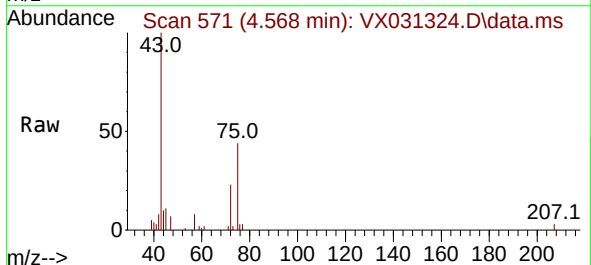
Instrument :
MSVOA_X
ClientSampleId :
CO-1

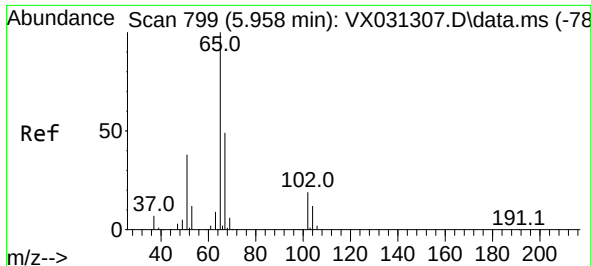
Tgt Ion: 43 Resp: 56082
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.8



#25
2-Butanone
Concen: 12.690 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX031324.D
Acq: 14 Sep 2022 22:35

Tgt Ion: 43 Resp: 13637
Ion Ratio Lower Upper
43 100
72 23.4 21.1 31.7





#33

1,2-Dichloroethane-d4

Concen: 43.865 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031324.D

Acq: 14 Sep 2022 22:35

Instrument :

MSVOA_X

ClientSampleId :

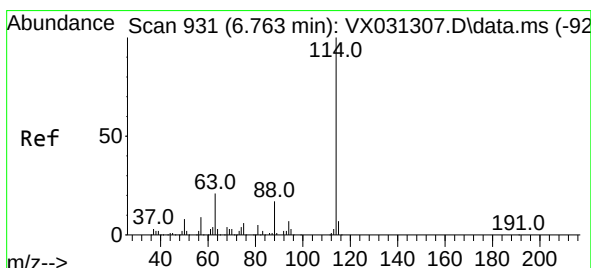
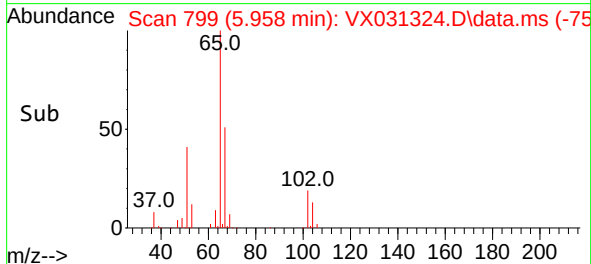
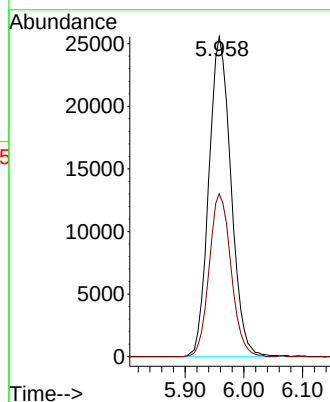
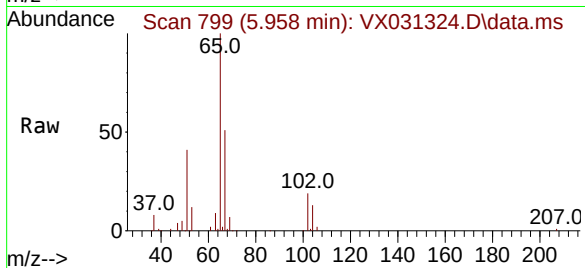
CO-1

Tgt Ion: 65 Resp: 66943

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031324.D

Acq: 14 Sep 2022 22:35

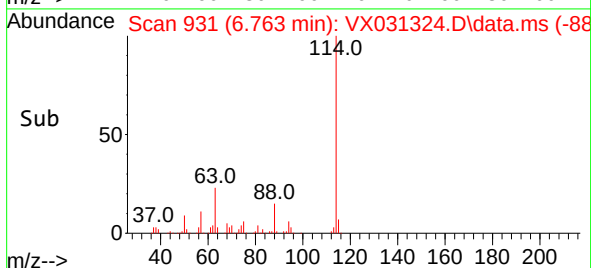
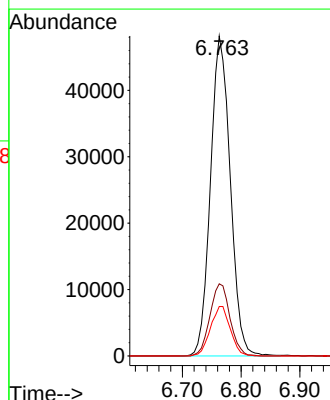
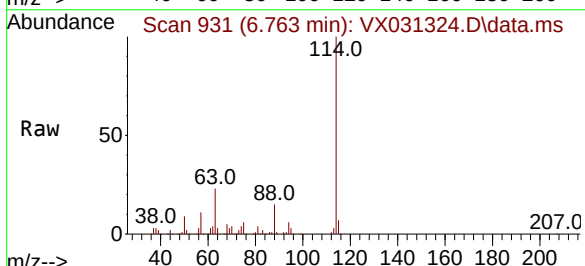
Tgt Ion: 114 Resp: 112839

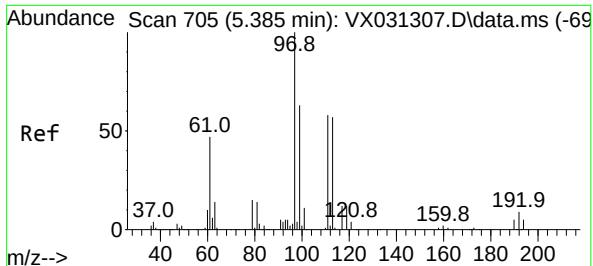
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.6

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 39.767 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX031324.D

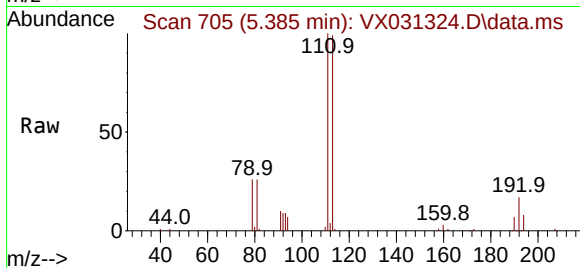
Acq: 14 Sep 2022 22:35

Instrument :

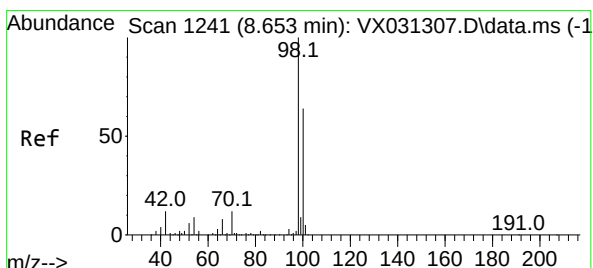
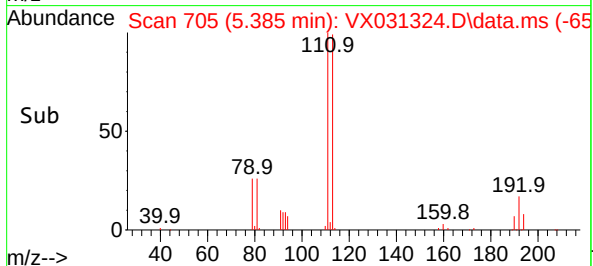
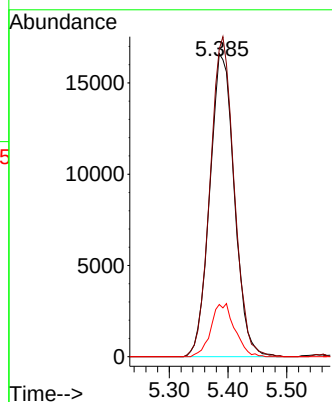
MSVOA_X

ClientSampleId :

CO-1



Tgt Ion:	113	Resp:	48235
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	17.0	14.1	21.1



#50

Toluene-d8

Concen: 41.464 ug/l

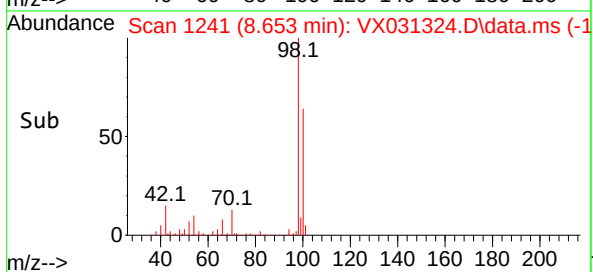
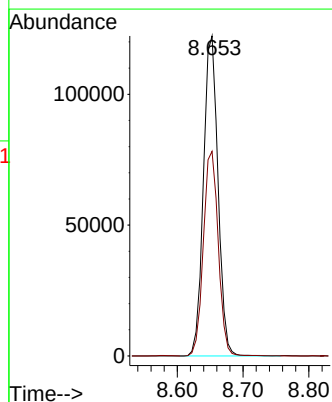
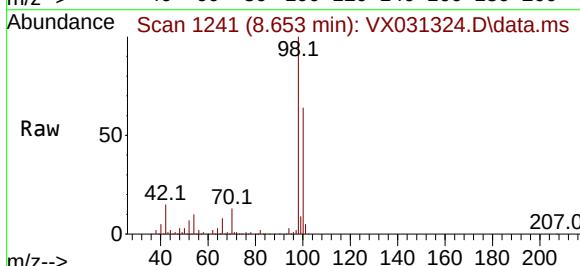
RT: 8.653 min Scan# 1241

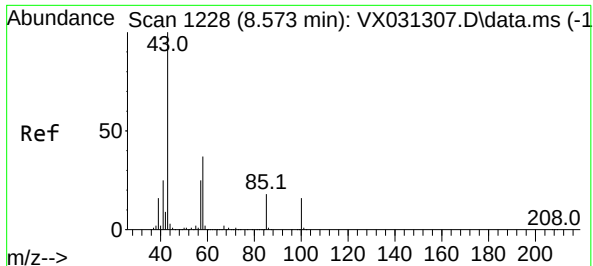
Delta R.T. -0.000 min

Lab File: VX031324.D

Acq: 14 Sep 2022 22:35

Tgt Ion:	98	Resp:	188659
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 1.225 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX031324.D

Acq: 14 Sep 2022 22:35

Instrument :

MSVOA_X

ClientSampleId :

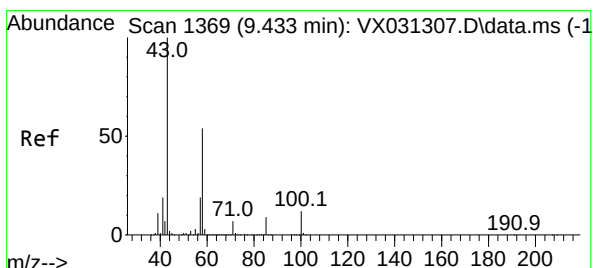
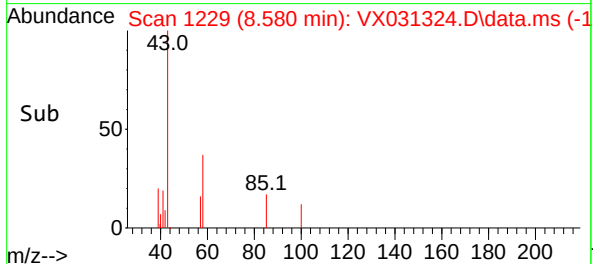
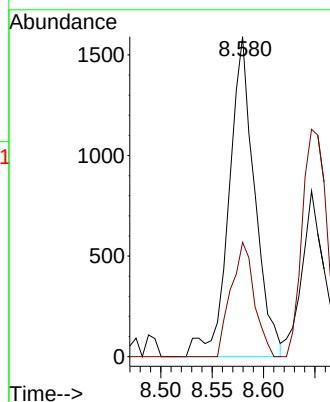
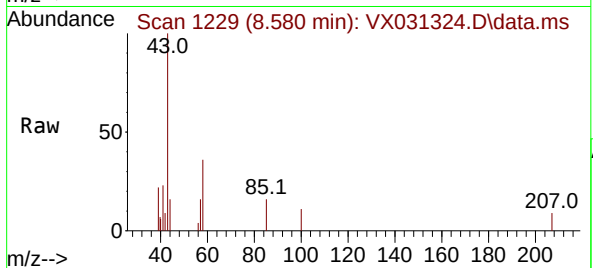
CO-1

Tgt Ion: 43 Resp: 2772

Ion Ratio Lower Upper

43 100

58 32.3 30.6 46.0



#59

2-Hexanone

Concen: 3.155 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX031324.D

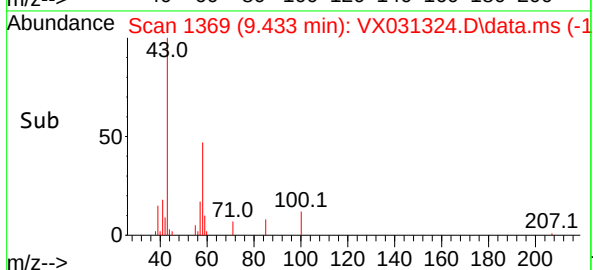
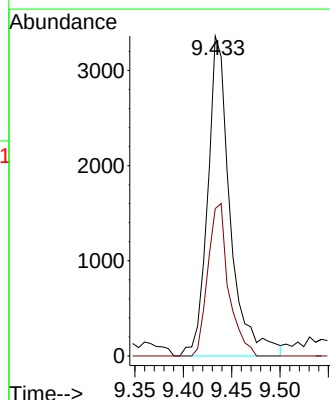
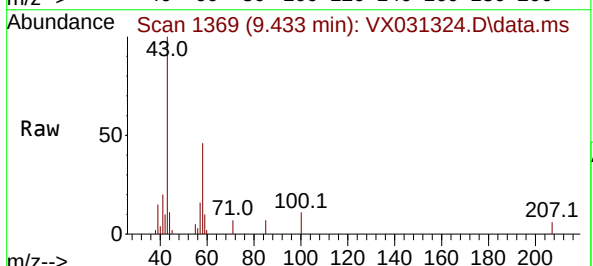
Acq: 14 Sep 2022 22:35

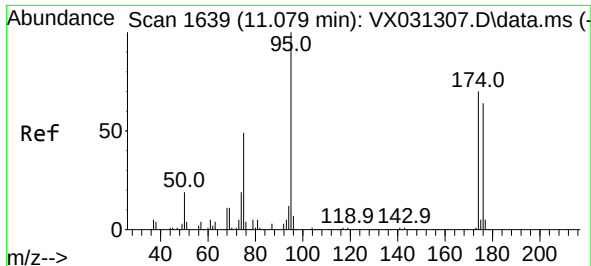
Tgt Ion: 43 Resp: 5450

Ion Ratio Lower Upper

43 100

58 43.7 26.7 80.0

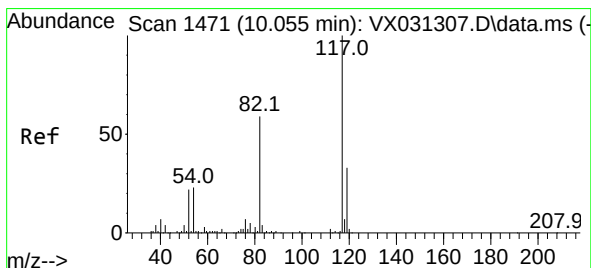
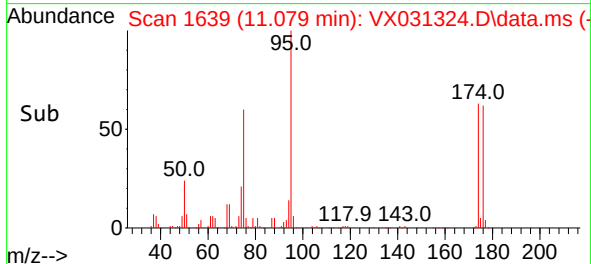
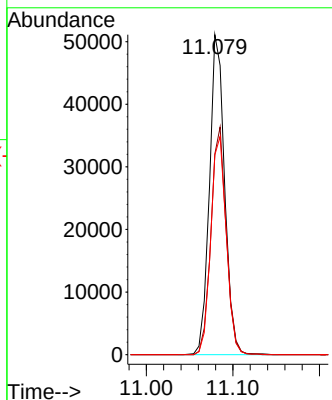
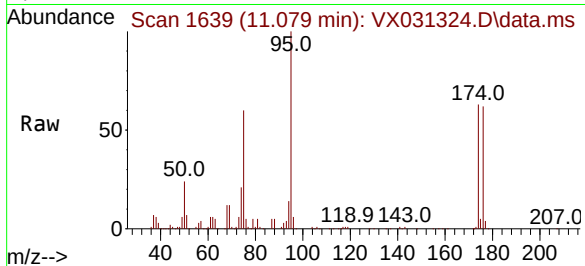




#62
4-Bromofluorobenzene
Concen: 37.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031324.D
Acq: 14 Sep 2022 22:35

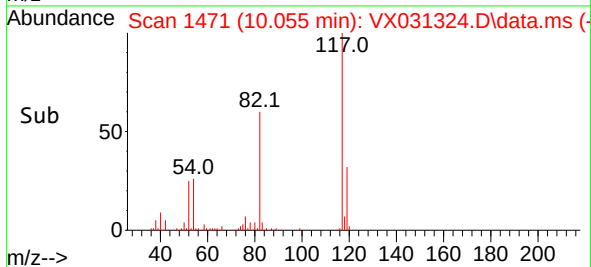
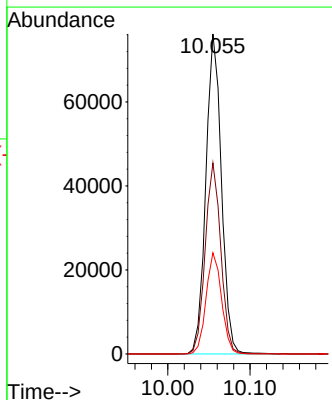
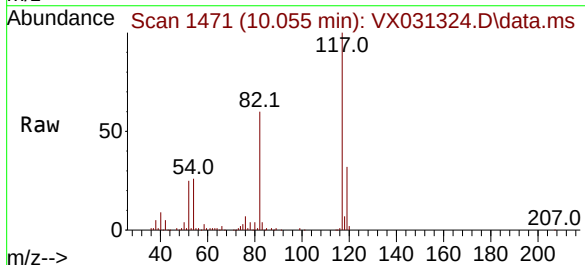
Instrument :
MSVOA_X
ClientSampleId :
CO-1

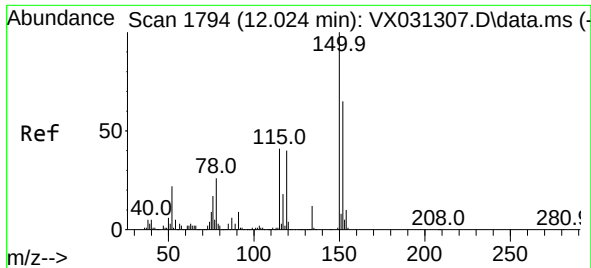
Tgt Ion: 95 Resp: 62137
Ion Ratio Lower Upper
95 100
174 71.6 0.0 153.2
176 69.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031324.D
Acq: 14 Sep 2022 22:35

Tgt Ion: 117 Resp: 100032
Ion Ratio Lower Upper
117 100
82 59.7 46.8 70.2
119 31.6 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031324.D
 Acq: 14 Sep 2022 22:35

Instrument :
 MSVOA_X
 ClientSampleId :
 CO-1

Tgt Ion:152 Resp: 40665
 Ion Ratio Lower Upper
 152 100
 115 62.6 43.4 130.1
 150 159.6 0.0 346.8

