

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028710.D
 Acq On : 14 May 2022 04:31
 Operator : JC/MD
 Sample : N2824-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COM-3

Quant Time: May 16 02:33:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

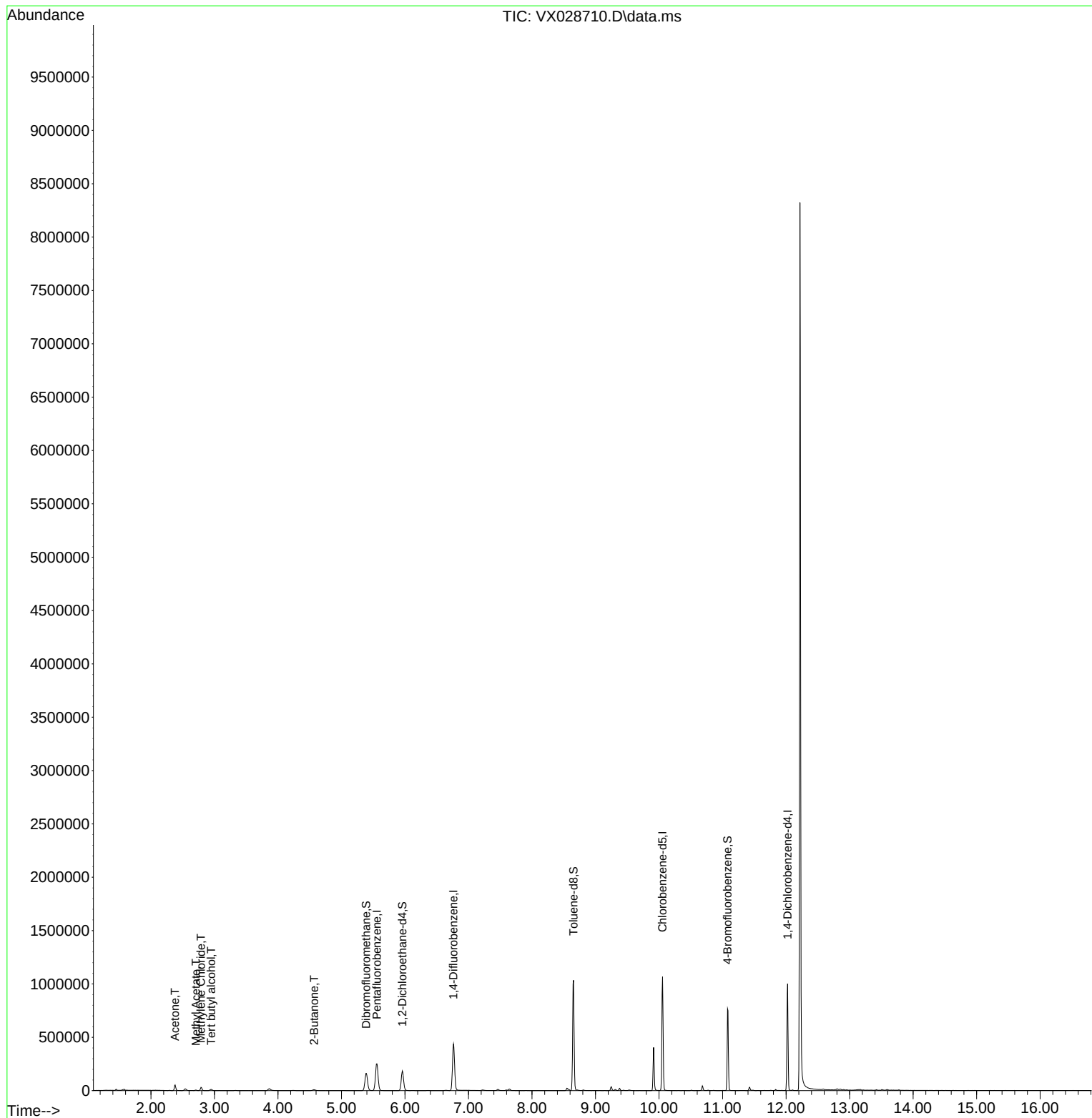
Internal Standards						
1) Pentafluorobenzene	5.556	168	232514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	441710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171556	53.826	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.660%	
35) Dibromofluoromethane	5.385	113	138995	48.028	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.060%	
50) Toluene-d8	8.653	98	605864	55.528	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 111.060%	
62) 4-Bromofluorobenzene	11.079	95	200979	49.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	7015	2.471	ug/l #	76
16) Acetone	2.380	43	54943	40.166	ug/l	91
18) Methyl Acetate	2.709	43	6230	1.818	ug/l	90
20) Methylene Chloride	2.788	84	12950	4.513	ug/l #	89
25) 2-Butanone	4.568	43	11571	5.389	ug/l	95

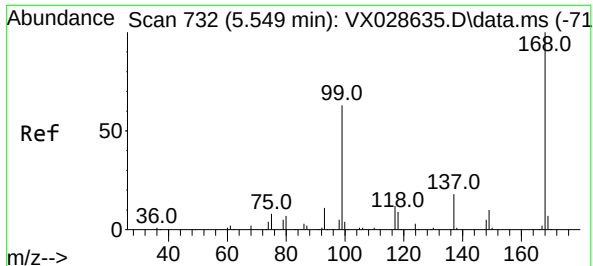
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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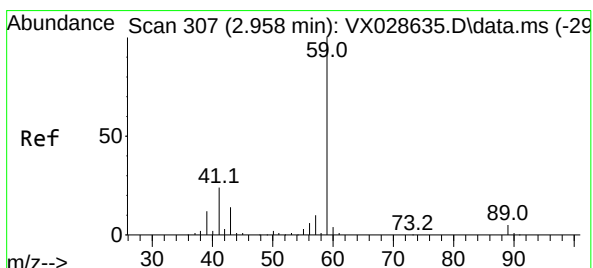
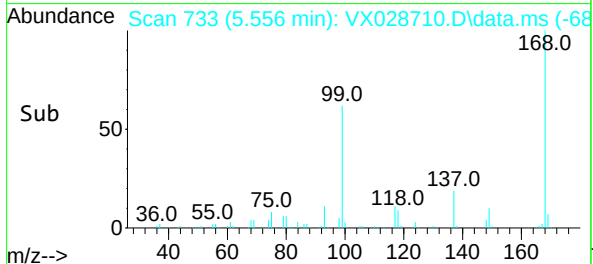
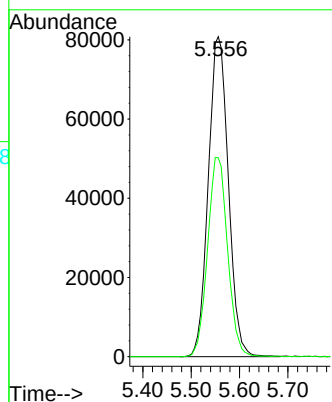
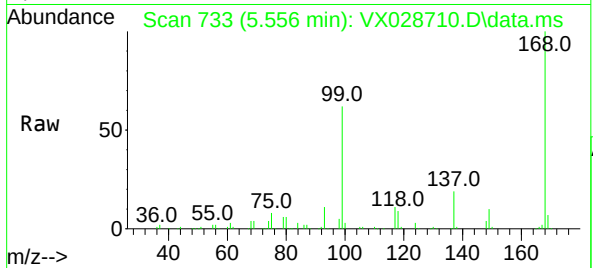




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

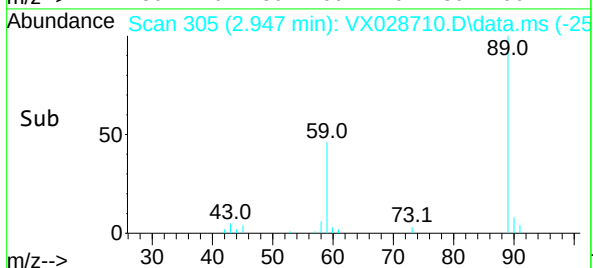
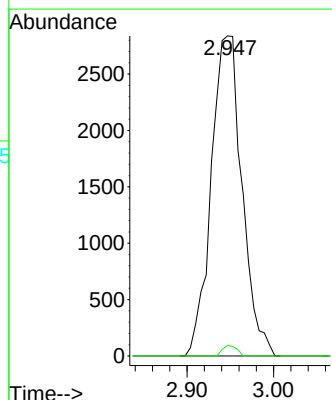
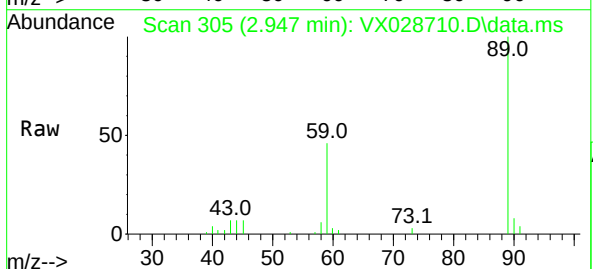
Instrument :
MSVOA_X
ClientSampleId :
COM-3

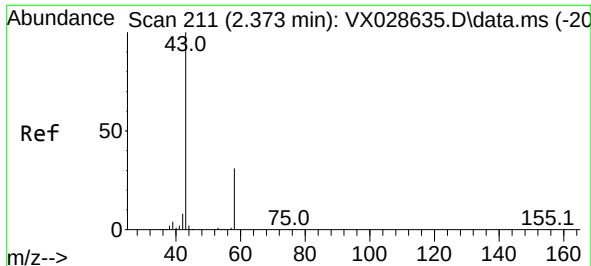
Tgt Ion:168 Resp: 232514
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5



#11
Tert butyl alcohol
Concen: 2.471 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 59 Resp: 7015
Ion Ratio Lower Upper
59 100
57 1.5 8.3 12.5#

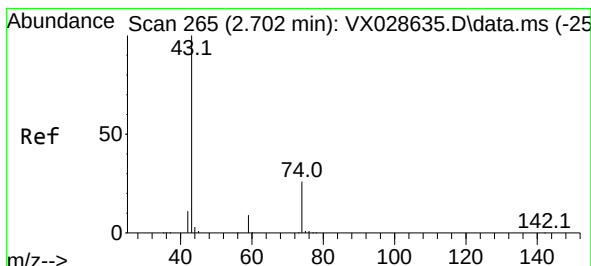
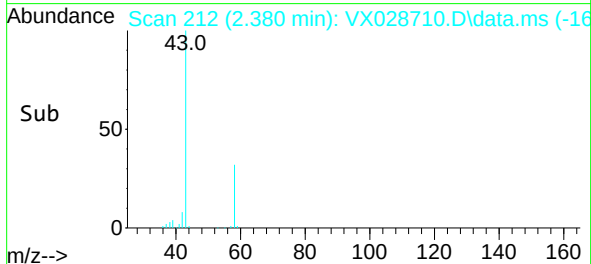
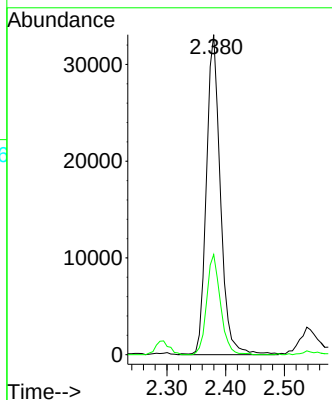
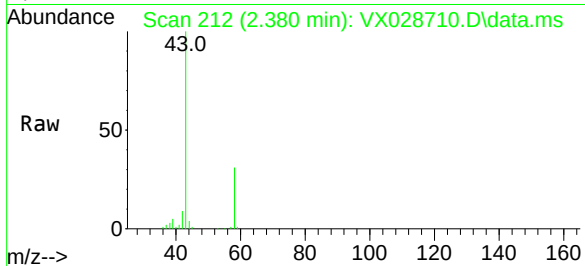




#16
Acetone
Concen: 40.166 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

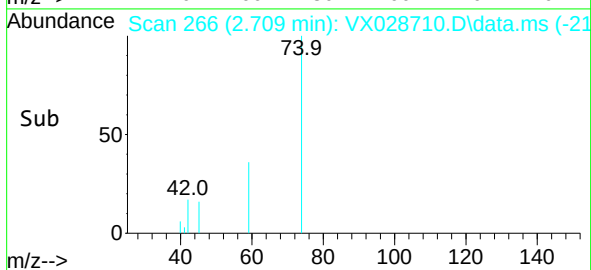
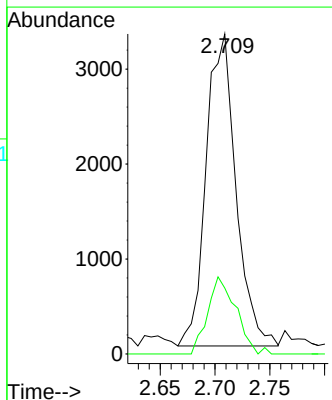
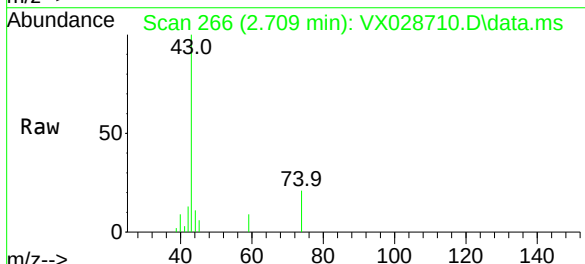
Instrument :
MSVOA_X
ClientSampleId :
COM-3

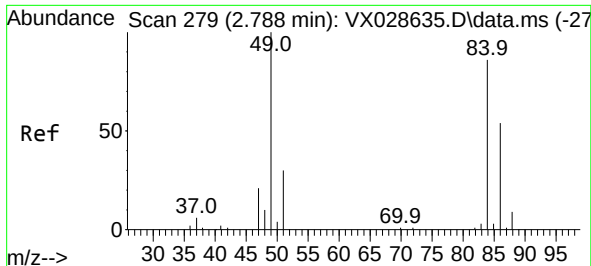
Tgt Ion: 43 Resp: 54943
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2



#18
Methyl Acetate
Concen: 1.818 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

Tgt Ion: 43 Resp: 6230
Ion Ratio Lower Upper
43 100
74 23.4 22.8 34.2





#20

Methylene Chloride

Concen: 4.513 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028710.D

Acq: 14 May 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

COM-3

Tgt Ion: 84 Resp: 12950

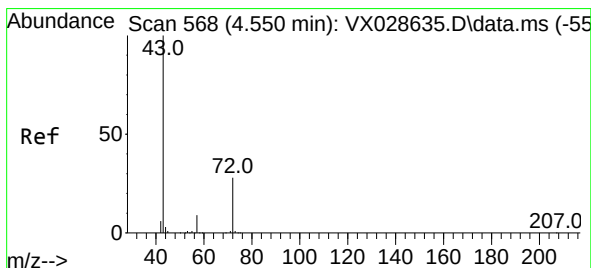
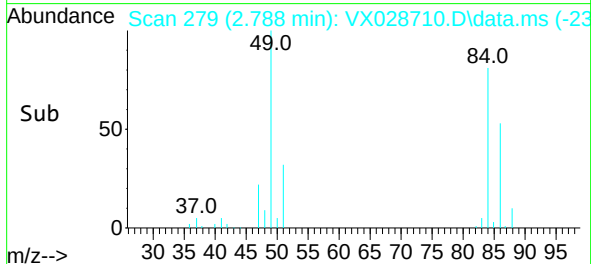
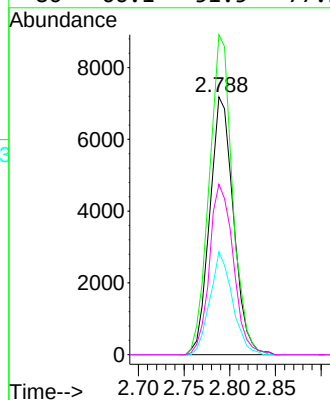
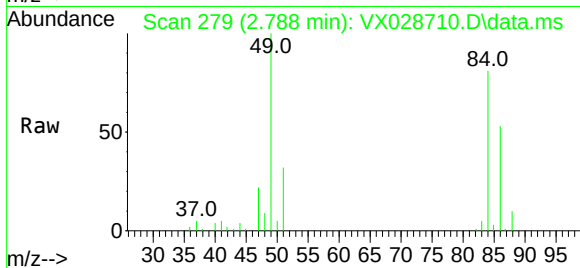
Ion Ratio Lower Upper

84 100

49 124.1 85.5 128.3

51 39.9 26.6 39.8#

86 66.1 51.5 77.3



#25

2-Butanone

Concen: 5.389 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX028710.D

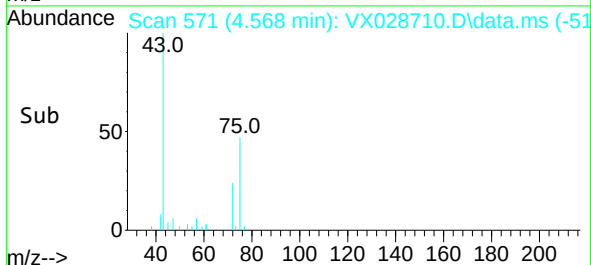
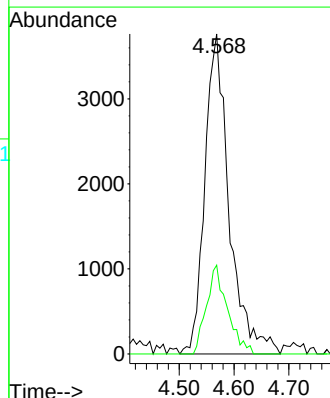
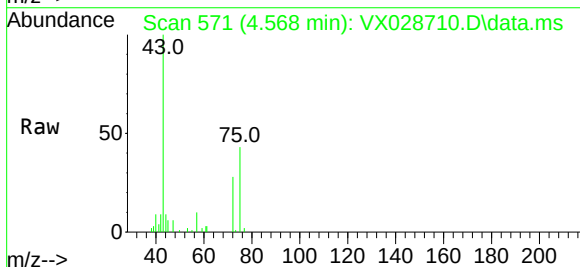
Acq: 14 May 2022 04:31

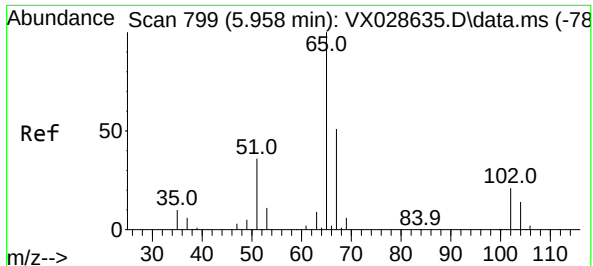
Tgt Ion: 43 Resp: 11571

Ion Ratio Lower Upper

43 100

72 27.7 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 53.826 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028710.D

Acq: 14 May 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

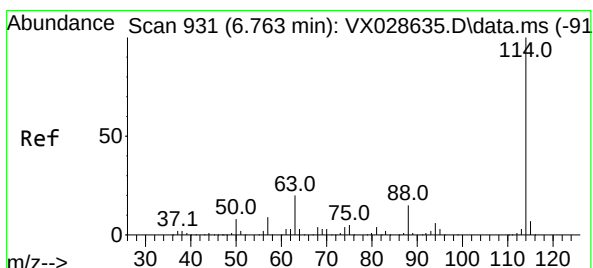
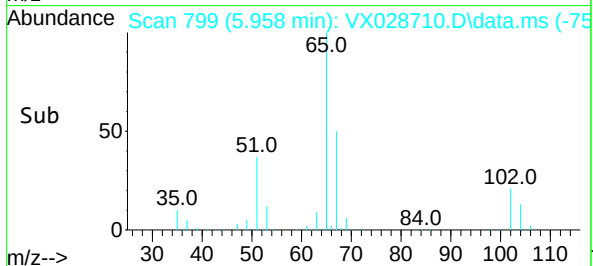
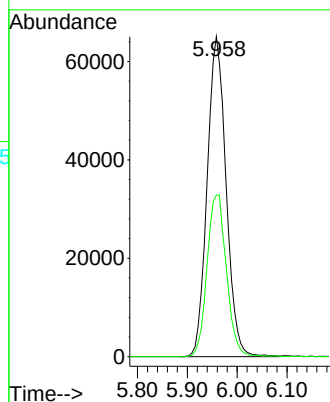
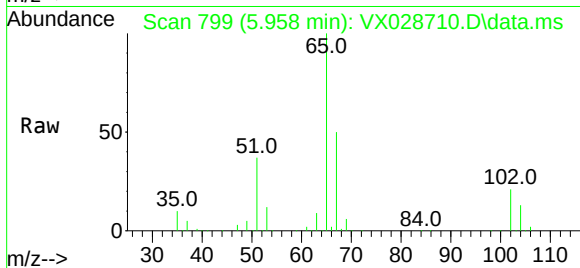
COM-3

Tgt Ion: 65 Resp: 171556

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028710.D

Acq: 14 May 2022 04:31

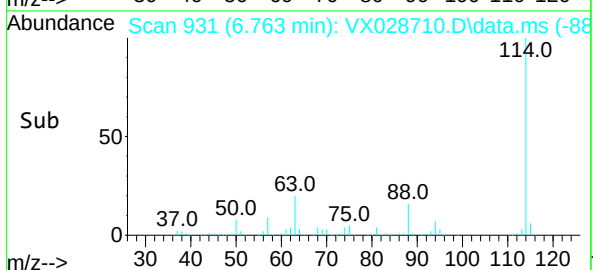
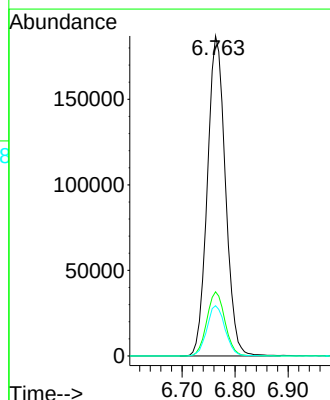
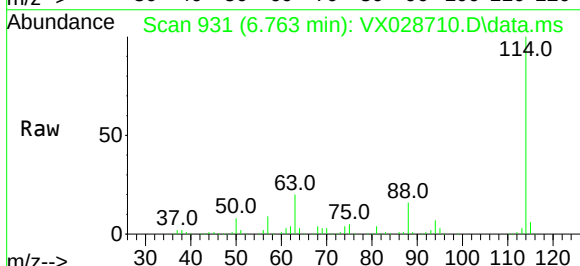
Tgt Ion: 114 Resp: 441710

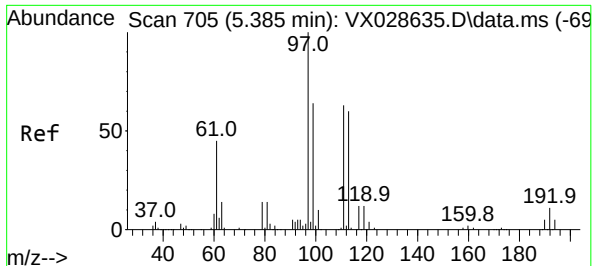
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.028 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028710.D

Acq: 14 May 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

COM-3

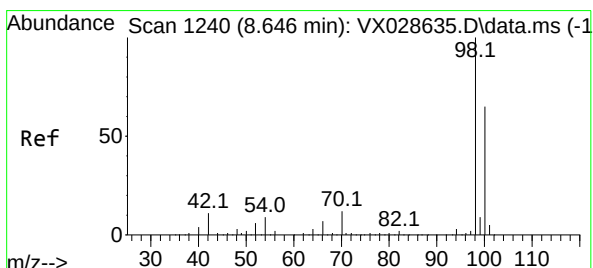
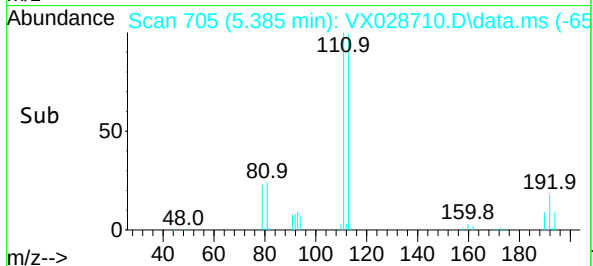
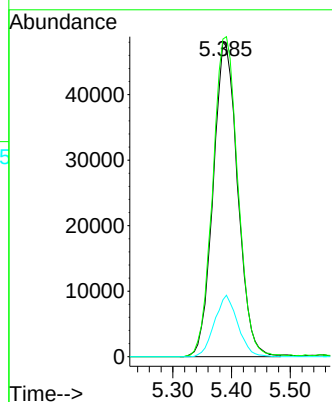
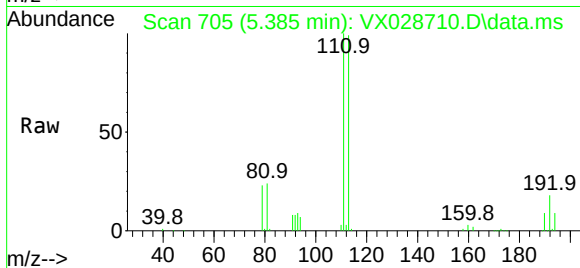
Tgt Ion:113 Resp: 138995

Ion Ratio Lower Upper

113 100

111 104.7 82.8 124.2

192 18.5 16.9 25.3



#50

Toluene-d8

Concen: 55.528 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028710.D

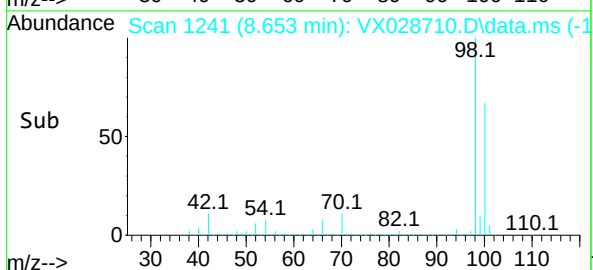
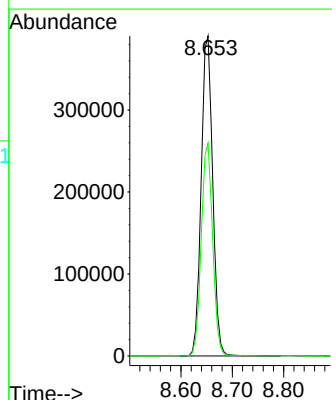
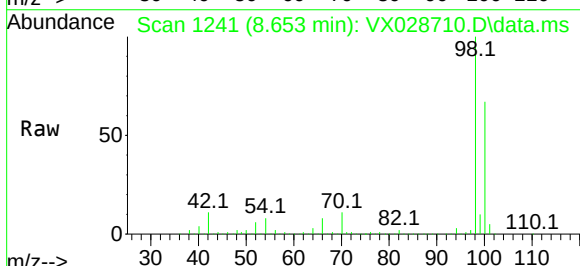
Acq: 14 May 2022 04:31

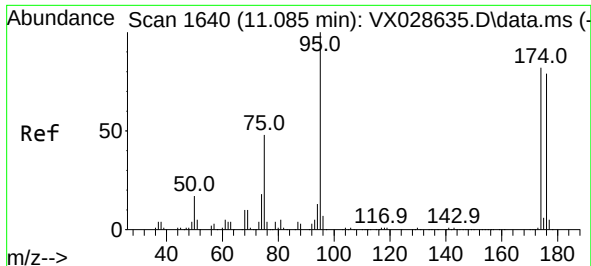
Tgt Ion: 98 Resp: 605864

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

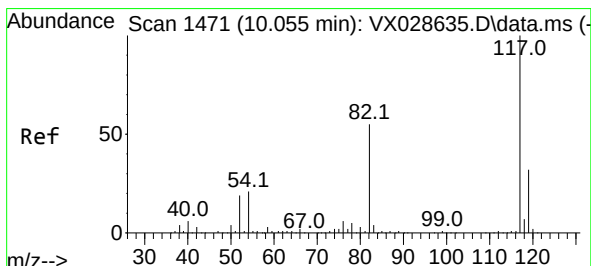
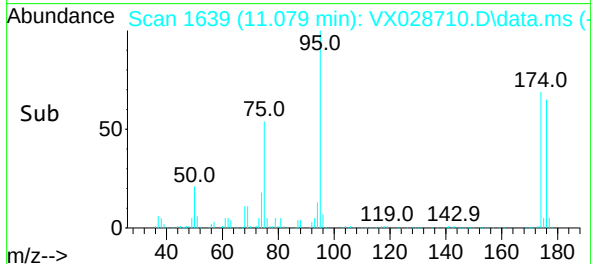
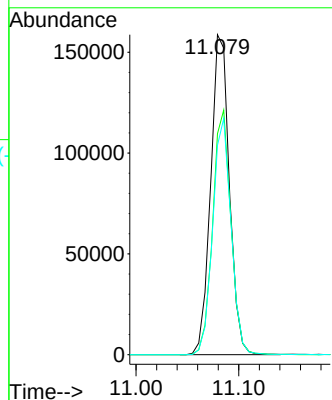
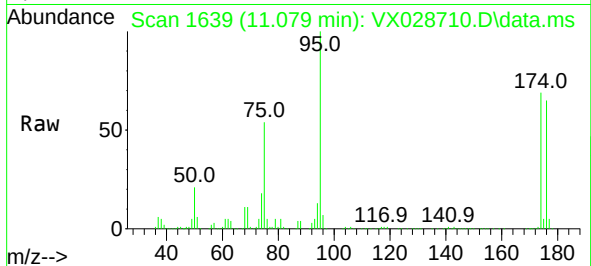




#62
4-Bromofluorobenzene
Concen: 49.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

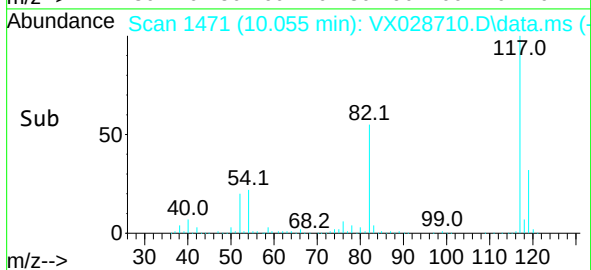
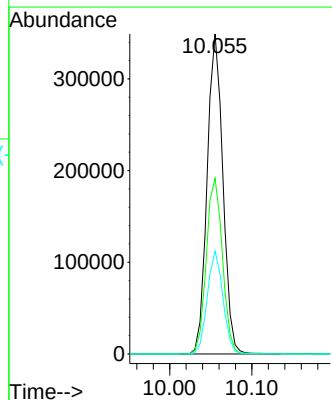
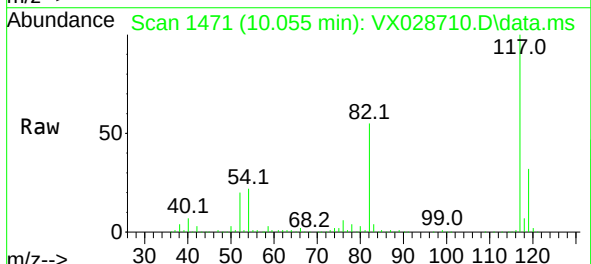
Instrument :
MSVOA_X
ClientSampleId :
COM-3

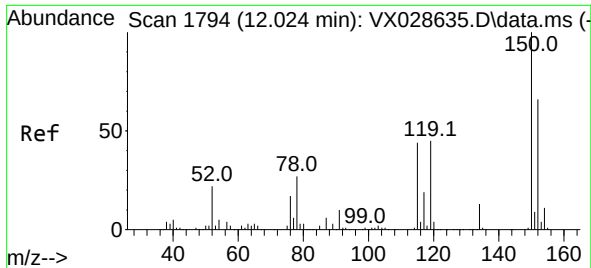
Tgt Ion: 95 Resp: 200979
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 72.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028710.D
Acq: 14 May 2022 04:31

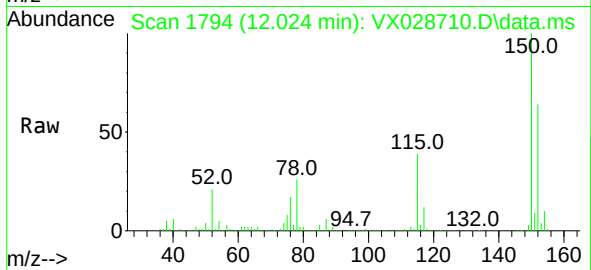
Tgt Ion: 117 Resp: 464454
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 32.2 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028710.D
 Acq: 14 May 2022 04:31

Instrument :
 MSVOA_X
 ClientSampleId :
 COM-3



Tgt Ion:152 Resp: 194770
 Ion Ratio Lower Upper
 152 100
 115 61.9 37.5 112.7
 150 158.0 0.0 338.2

