

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032143.D
 Acq On : 14 Oct 2022 18:33
 Operator : JC/MD
 Sample : N5146-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Oct 17 02:28:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

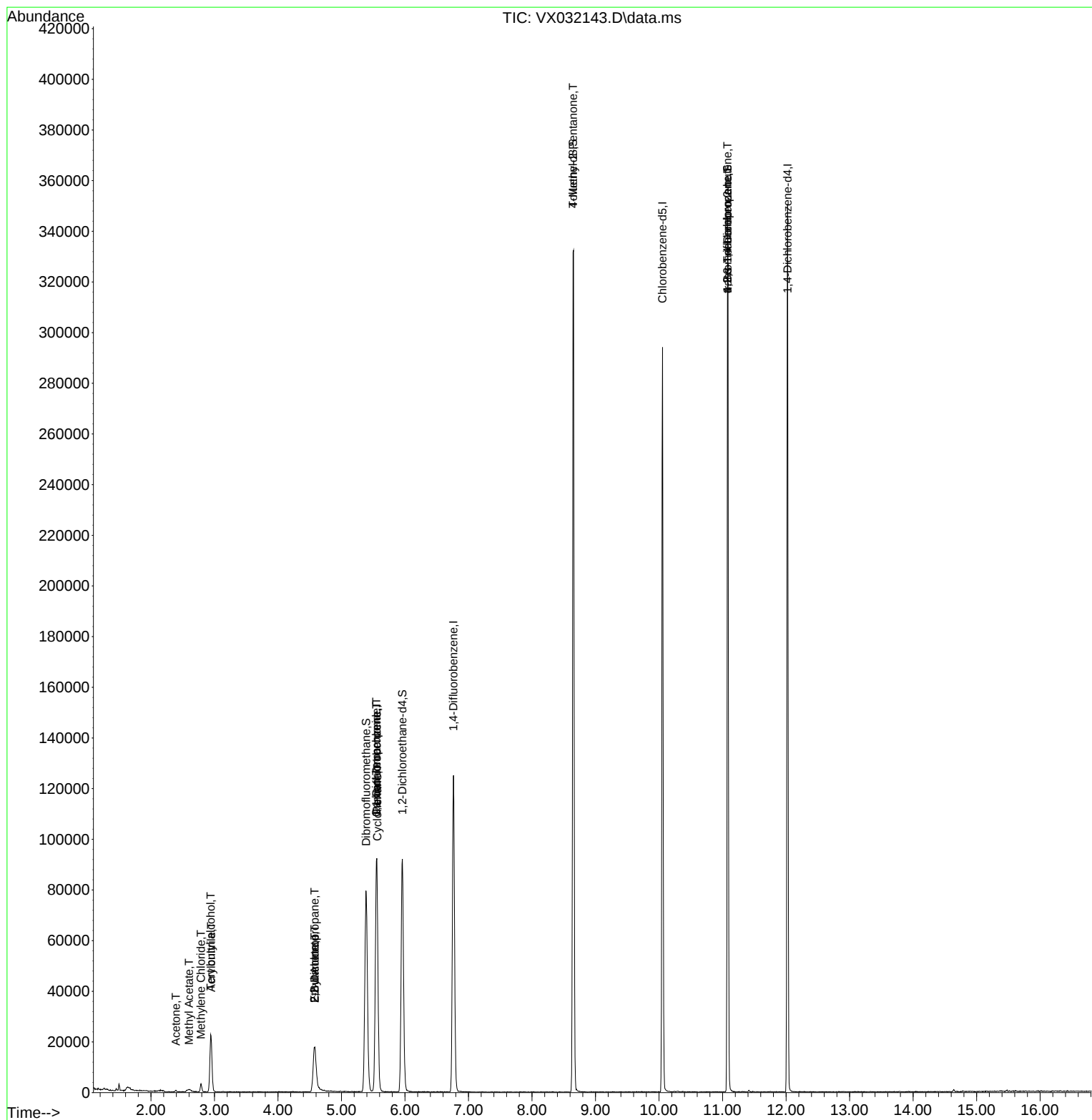
Internal Standards						
1) Pentafluorobenzene	5.556	168	83015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89156	52.003	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.000%	
35) Dibromofluoromethane	5.385	113	66312	47.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.800%	
50) Toluene-d8	8.647	98	200478	40.242	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 80.480%#	
62) 4-Bromofluorobenzene	11.079	95	88357	50.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	213	Below Cal	#	66
11) Tert butyl alcohol	2.940	59	13227	62.010	ug/l #	76
15) Acrylonitrile	2.946	53	248	0.365	ug/l #	17
16) Acetone	2.392	43	866	1.486	ug/l	93
18) Methyl Acetate	2.599	43	442	0.230	ug/l #	52
20) Methylene Chloride	2.788	84	1423	0.929	ug/l	95
25) 2-Butanone	4.574	43	1566	1.719	ug/l #	49
26) 2,2-Dichloropropane	4.574	77	1564	0.898	ug/l #	54
31) Cyclohexane	5.562	56	2169	1.059	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	7690	4.189	ug/l #	50
37) Ethyl Acetate	4.574	43	1566	0.906	ug/l #	15
38) Carbon Tetrachloride	5.550	117	9061	4.827	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	820	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49473	36.082	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49473	122.427	ug/l #	11

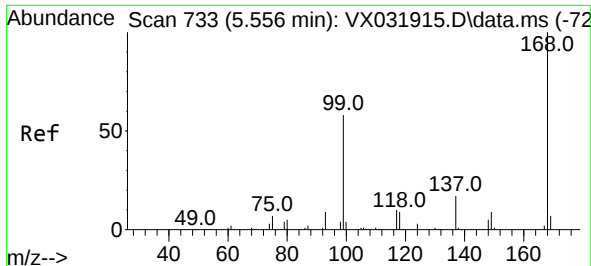
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
Data File : VX032143.D
Acq On : 14 Oct 2022 18:33
Operator : JC/MD
Sample : N5146-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Oct 17 02:28:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

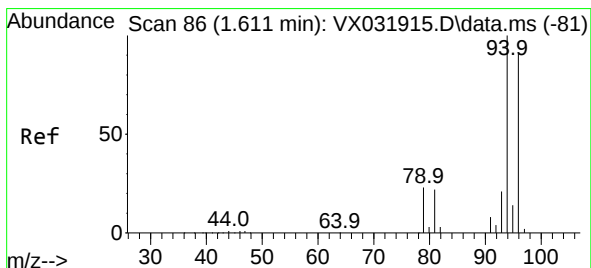
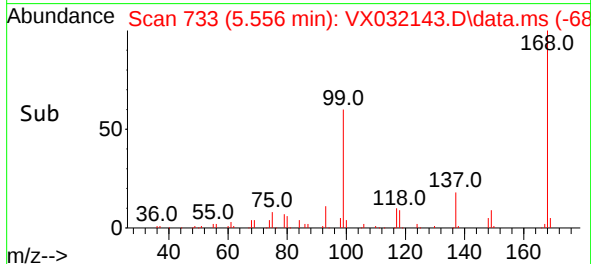
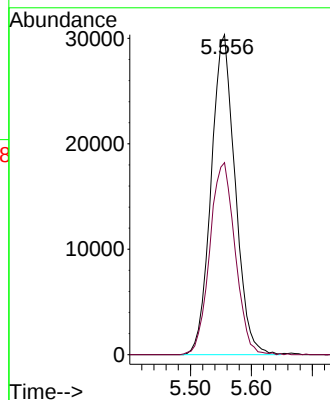
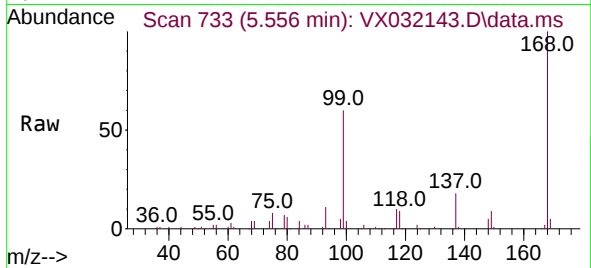




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032143.D
Acq: 14 Oct 2022 18:33

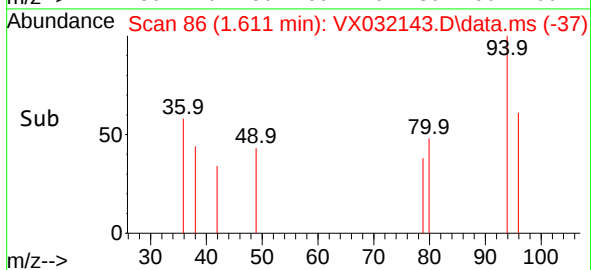
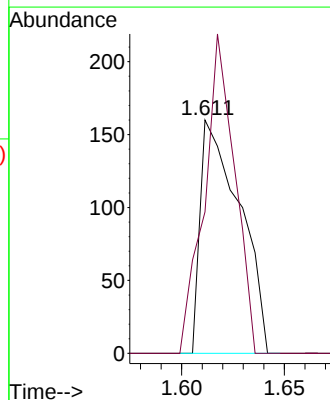
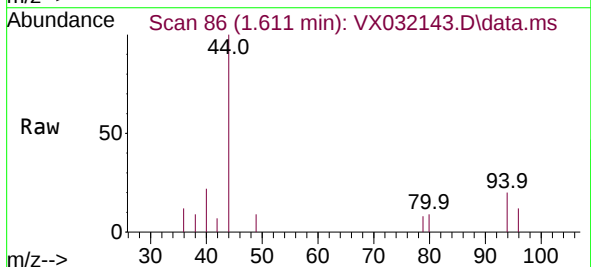
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

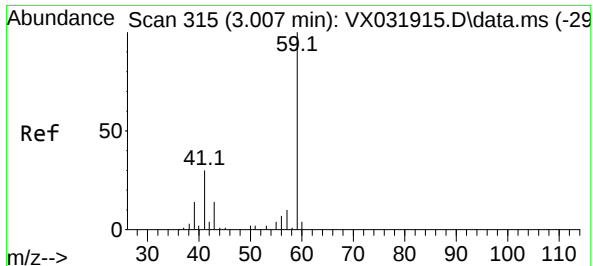
Tgt Ion:168 Resp: 83015
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX032143.D
Acq: 14 Oct 2022 18:33

Tgt Ion: 94 Resp: 213
Ion Ratio Lower Upper
94 100
96 60.6 74.4 111.6#





#11

Tert butyl alcohol

Concen: 62.010 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

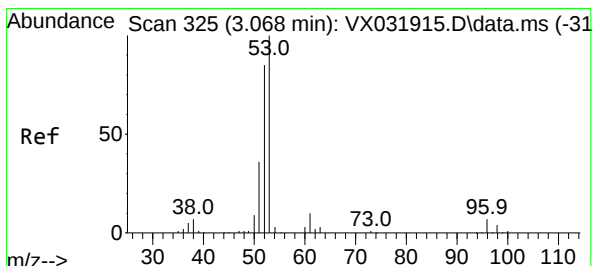
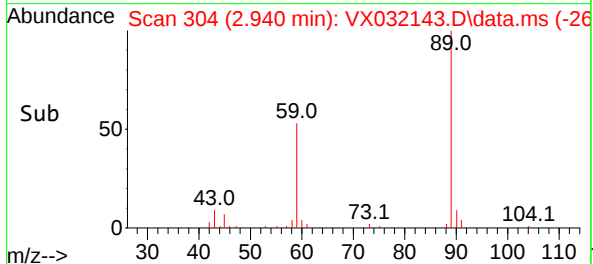
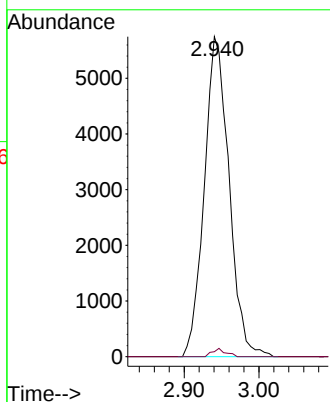
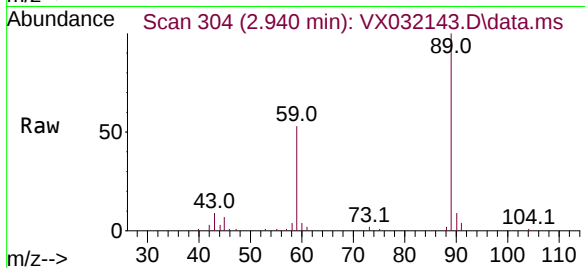
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 59 Resp: 13227

Ion Ratio Lower Upper

59 100

57 1.4 8.2 12.2#



#15

Acrylonitrile

Concen: 0.365 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.122 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

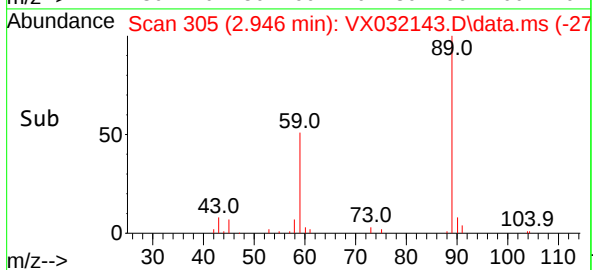
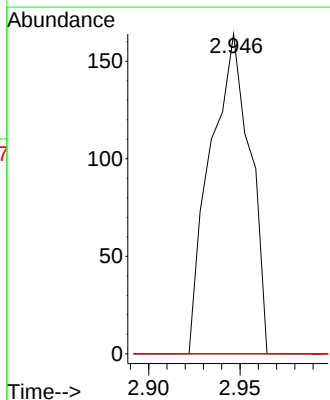
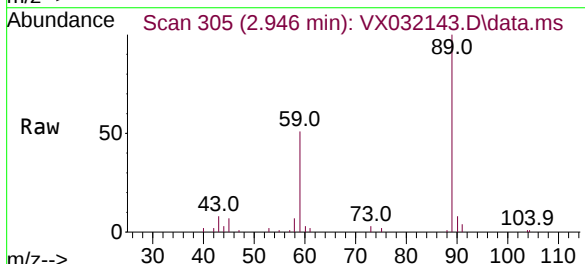
Tgt Ion: 53 Resp: 248

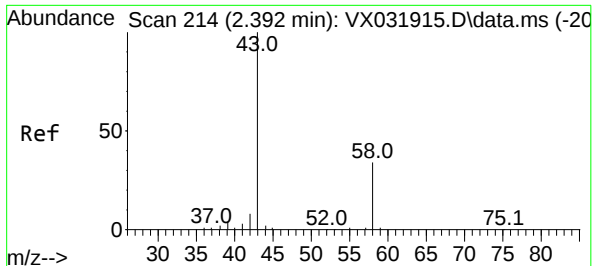
Ion Ratio Lower Upper

53 100

52 0.0 66.9 100.3#

51 0.0 30.0 45.0#

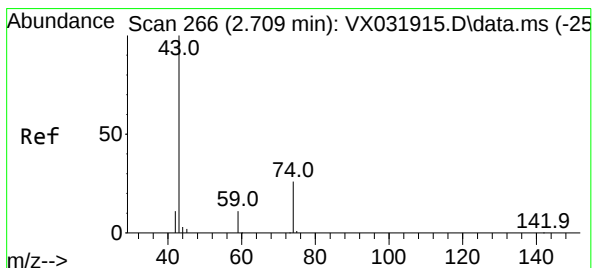
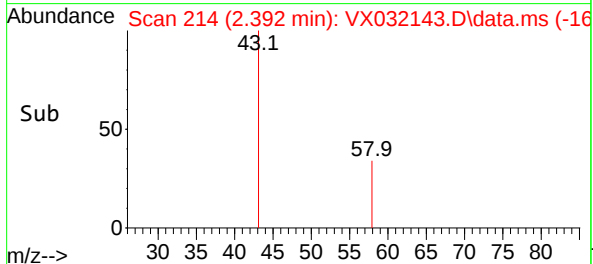
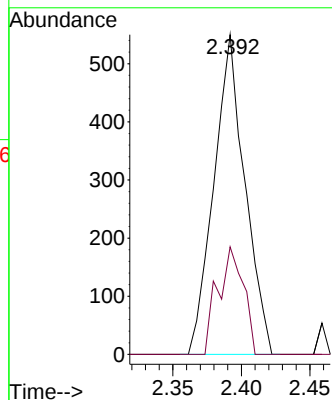
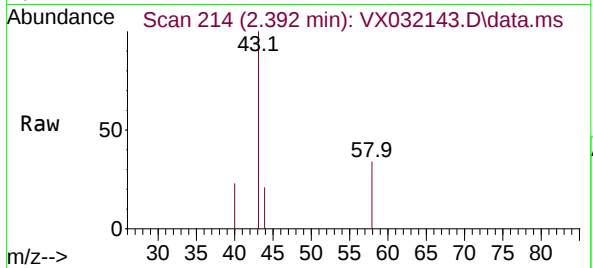




#16
Acetone
Concen: 1.486 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032143.D
Acq: 14 Oct 2022 18:33

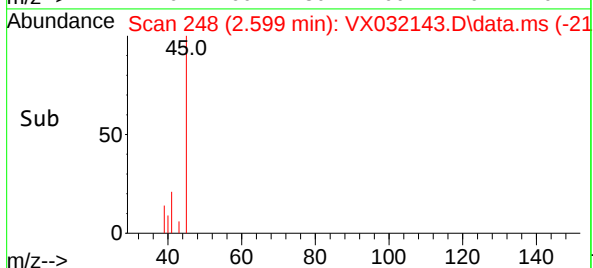
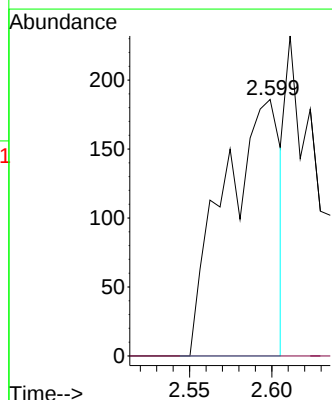
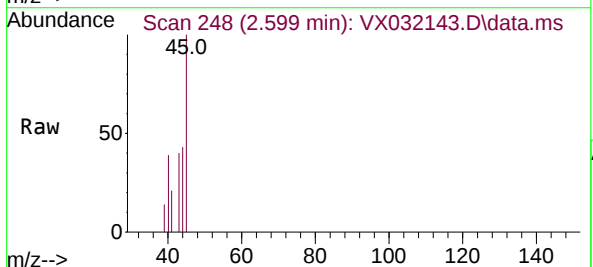
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

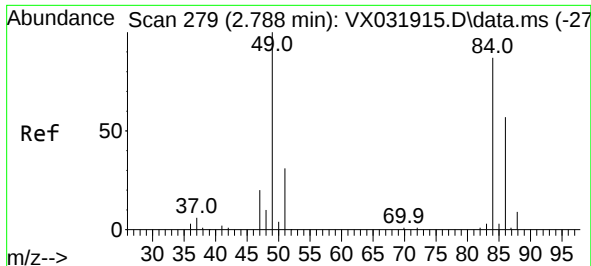
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.8



#18
Methyl Acetate
Concen: 0.230 ug/l
RT: 2.599 min Scan# 248
Delta R.T. -0.110 min
Lab File: VX032143.D
Acq: 14 Oct 2022 18:33

Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#





#20

Methylene Chloride

Concen: 0.929 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032143.D

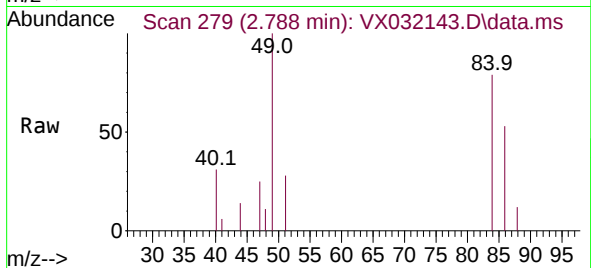
Acq: 14 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 84 Resp: 1423

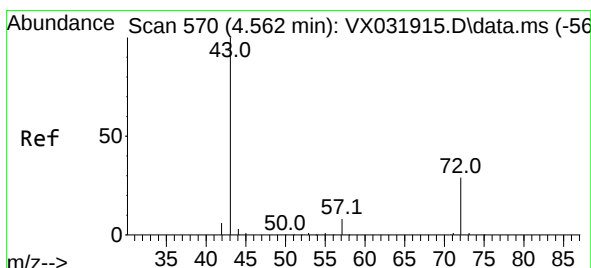
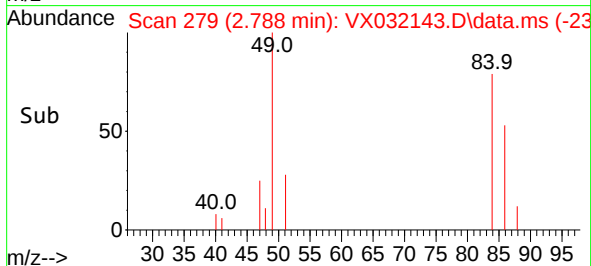
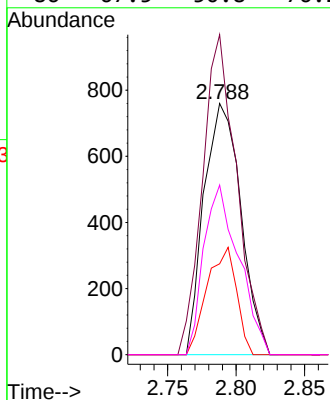
Ion Ratio Lower Upper

84 100

49 127.4 105.9 158.9

51 36.2 32.2 48.2

86 67.5 50.8 76.2



#25

2-Butanone

Concen: 1.719 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX032143.D

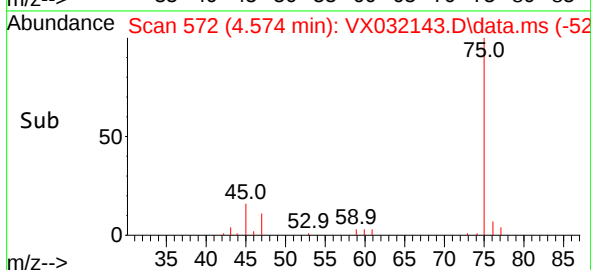
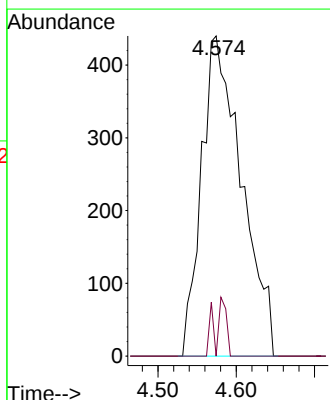
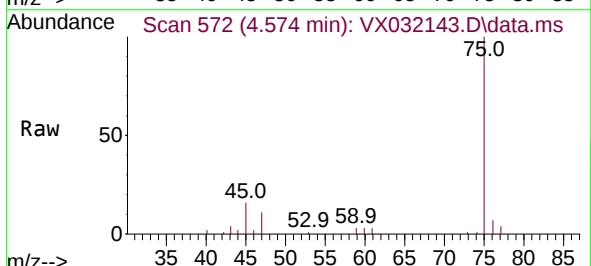
Acq: 14 Oct 2022 18:33

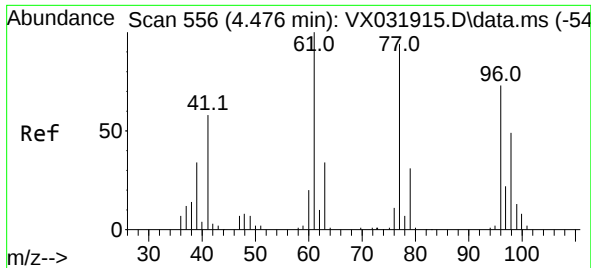
Tgt Ion: 43 Resp: 1566

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#





#26

2,2-Dichloropropane

Concen: 0.898 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.098 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

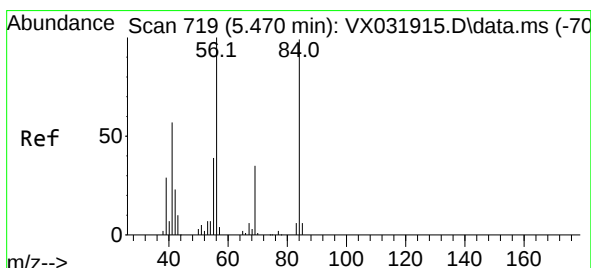
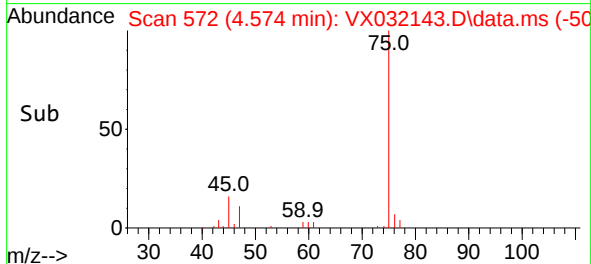
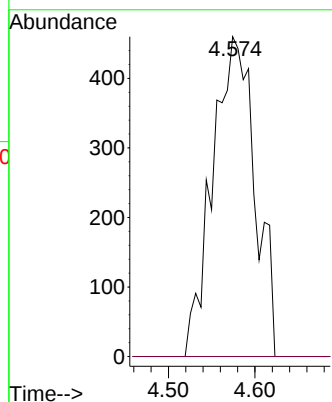
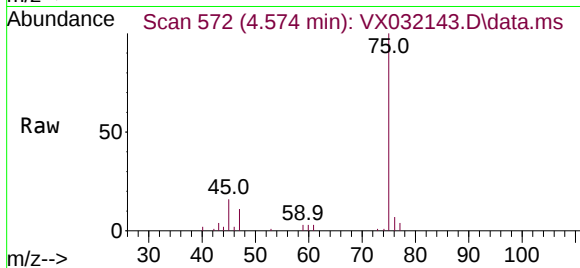
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 77 Resp: 1564

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.6#



#31

Cyclohexane

Concen: 1.059 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.092 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

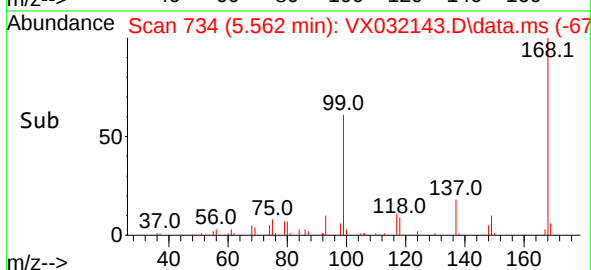
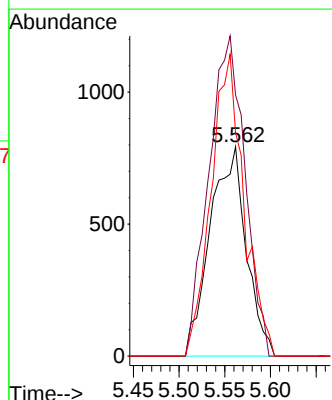
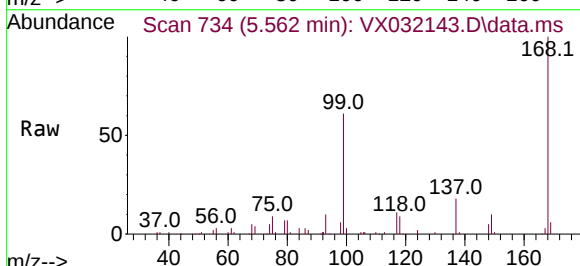
Tgt Ion: 56 Resp: 2169

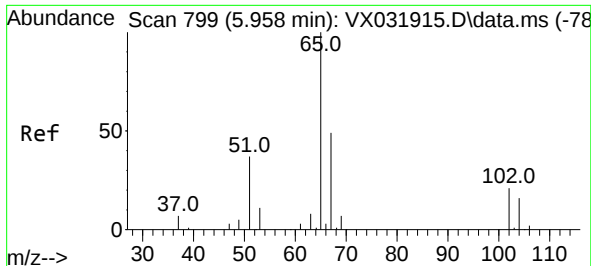
Ion Ratio Lower Upper

56 100

69 124.7 25.1 37.7#

84 106.7 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.003 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

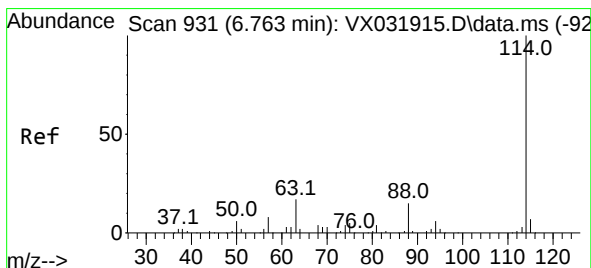
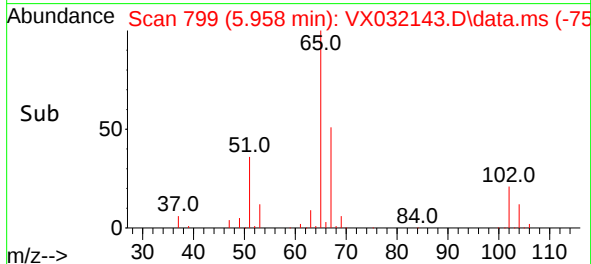
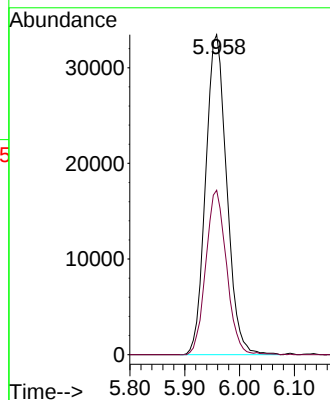
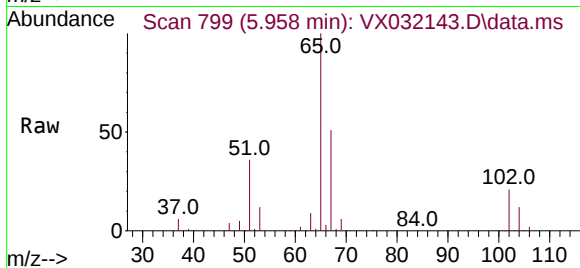
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 89156

Ion Ratio Lower Upper

65 100

67 50.7 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: VX032143.D

Acq: 14 Oct 2022 18:33

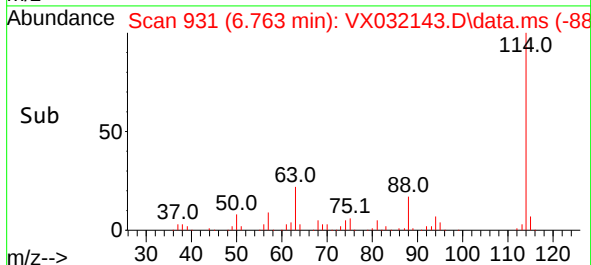
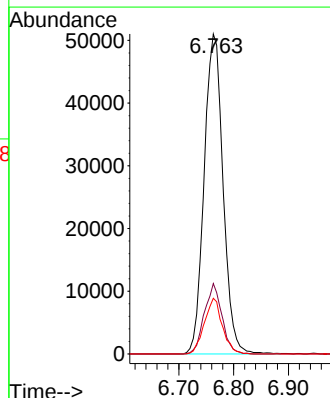
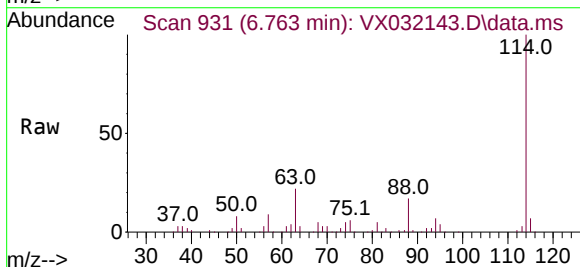
Tgt Ion: 114 Resp: 122310

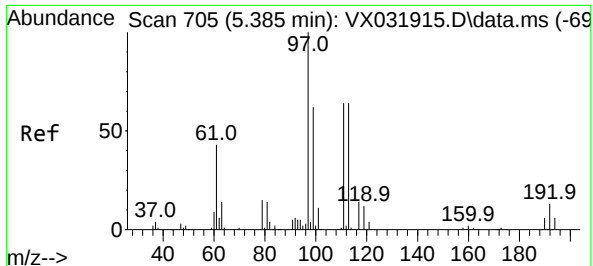
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.6

88 17.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.897 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032143.D

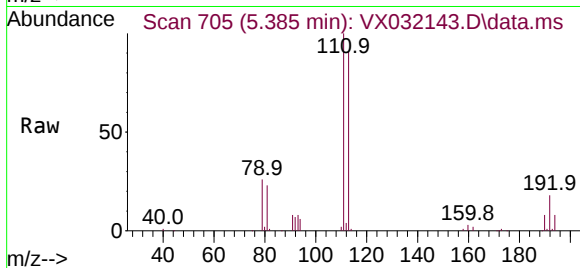
Acq: 14 Oct 2022 18:33

Instrument :

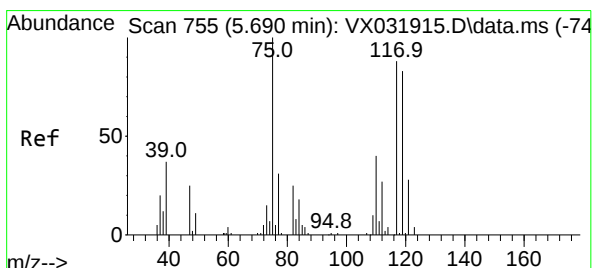
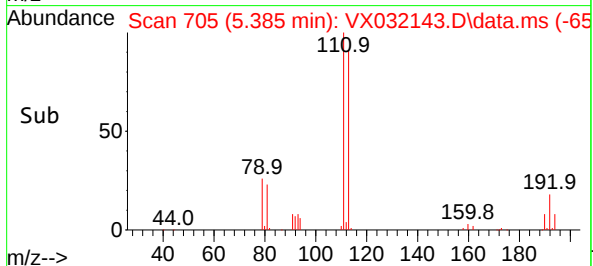
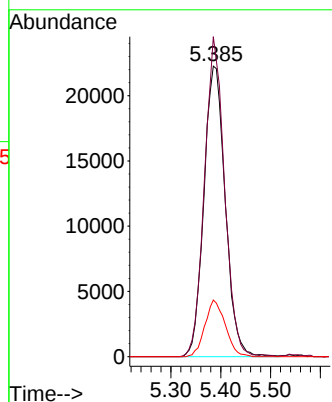
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	113	Resp:	66312
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	18.6	14.1	21.1



#36

1,1-Dichloropropene

Concen: 4.189 ug/l

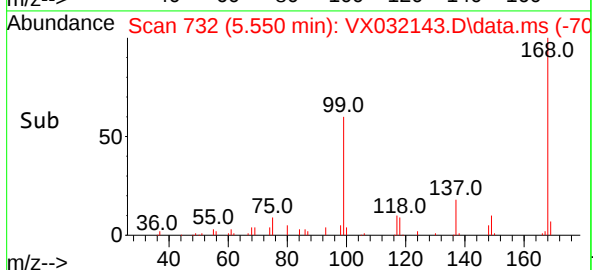
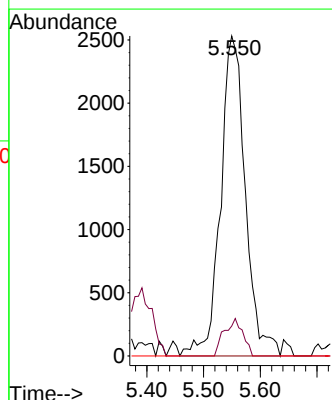
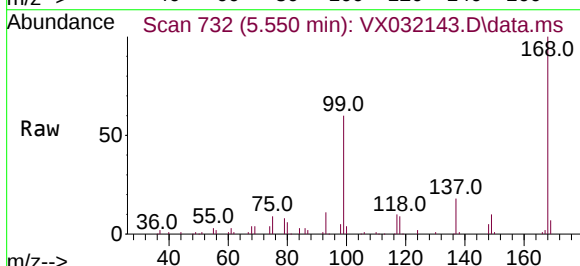
RT: 5.550 min Scan# 732

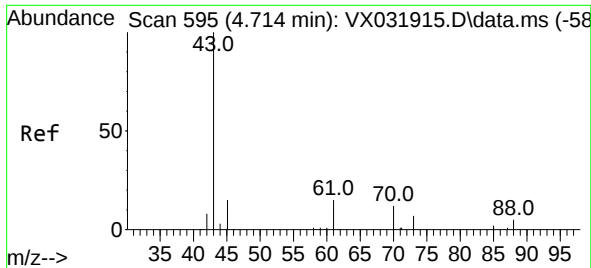
Delta R.T. -0.140 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

Tgt Ion:	75	Resp:	7690
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.5	52.5#
77	0.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 0.906 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.140 min

Lab File: VX032143.D

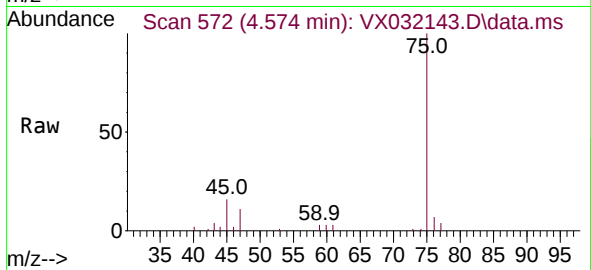
Acq: 14 Oct 2022 18:33

Instrument :

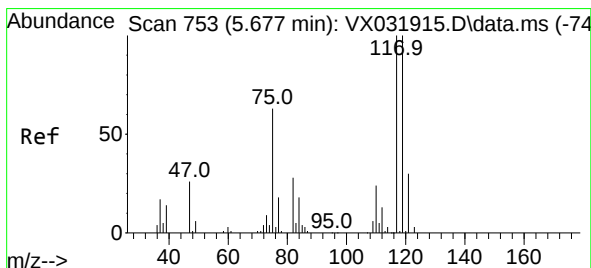
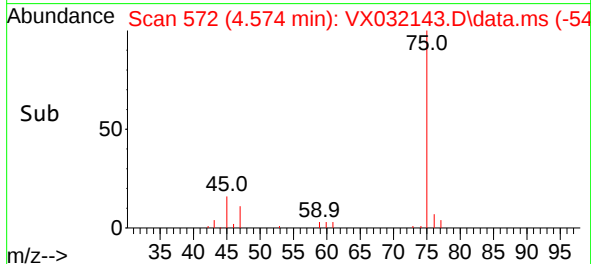
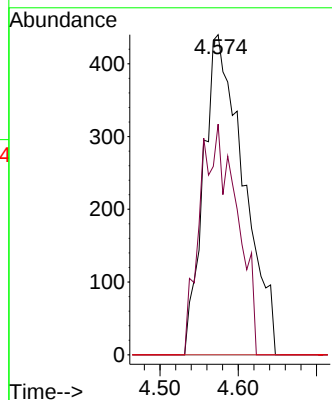
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 43	Resp: 1566
Ion Ratio	Lower Upper
43	100
61	66.4 11.1 16.7#
70	0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 4.827 ug/l

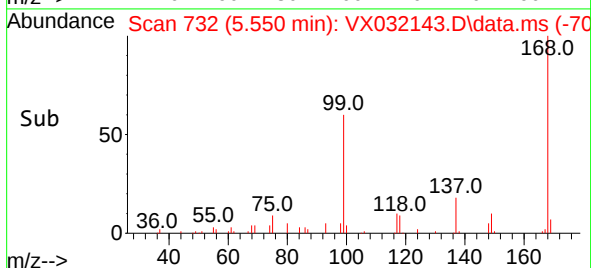
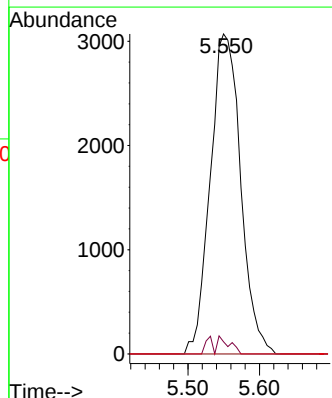
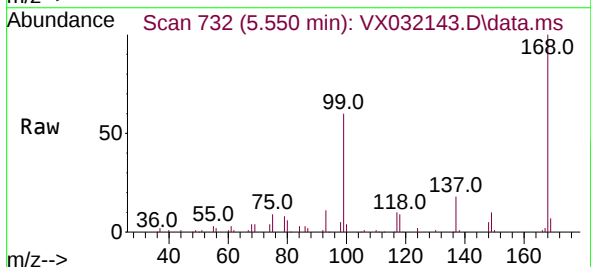
RT: 5.550 min Scan# 732

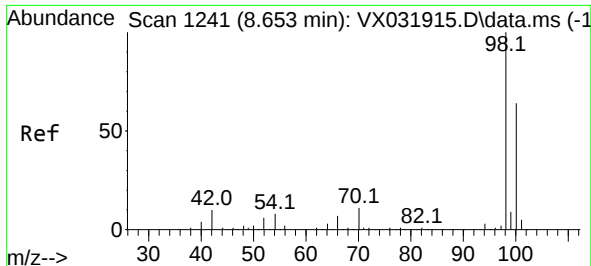
Delta R.T. -0.127 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

Tgt Ion: 117	Resp: 9061
Ion Ratio	Lower Upper
117	100
119	3.8 74.6 112.0#
121	0.0 25.3 37.9#





#50

Toluene-d8

Concen: 40.242 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032143.D

Acq: 14 Oct 2022 18:33

Instrument :

MSVOA_X

ClientSampleId :

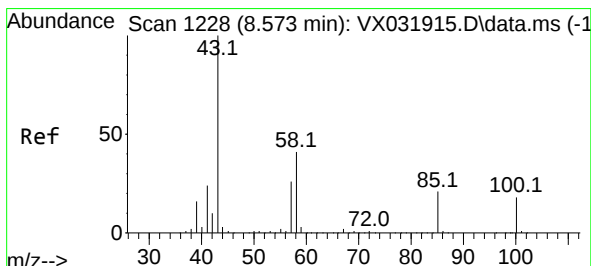
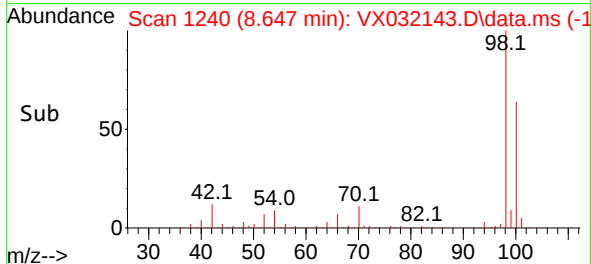
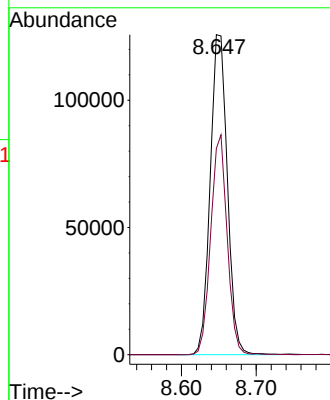
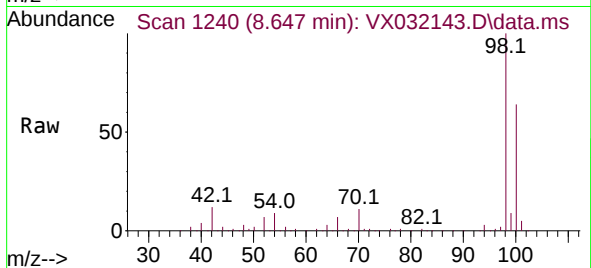
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 200478

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.472 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX032143.D

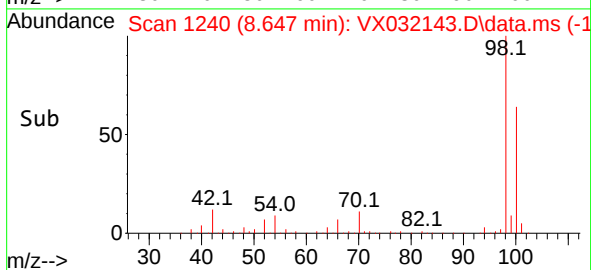
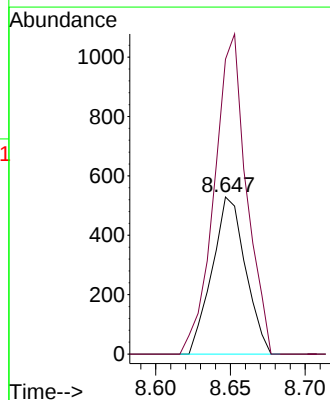
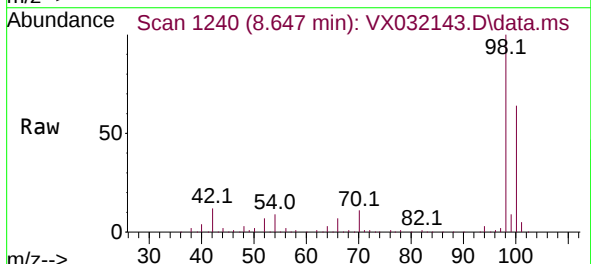
Acq: 14 Oct 2022 18:33

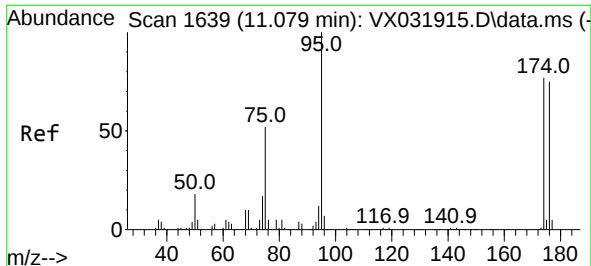
Tgt Ion: 43 Resp: 820

Ion Ratio Lower Upper

43 100

58 197.1 30.6 46.0#

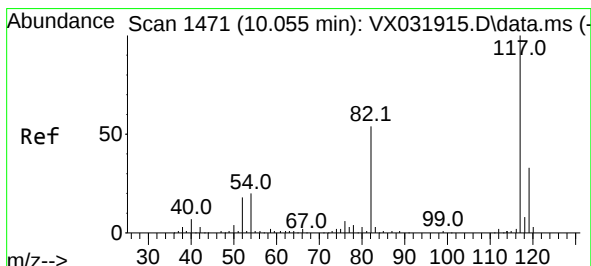
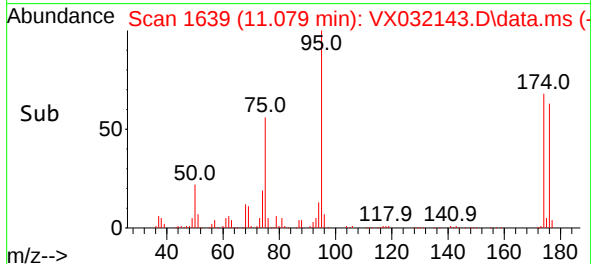
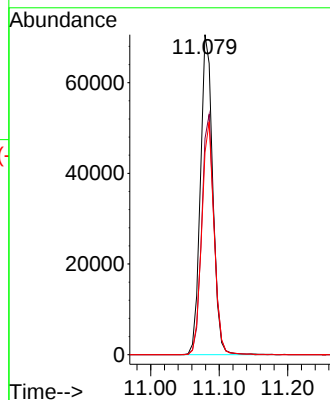
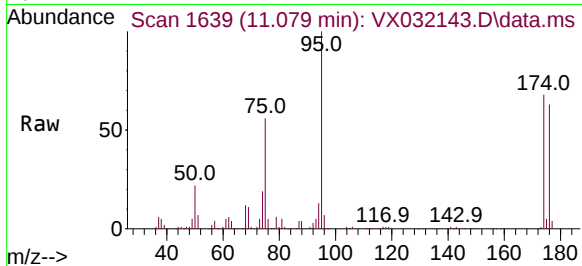




#62
4-Bromofluorobenzene
Concen: 50.168 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032143.D
Acq: 14 Oct 2022 18:33

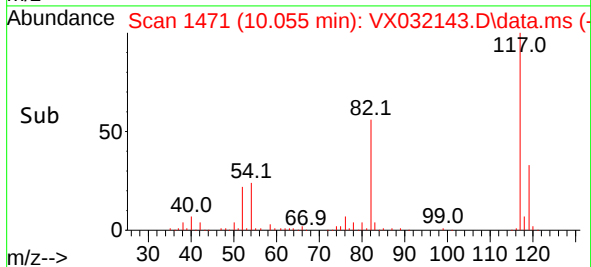
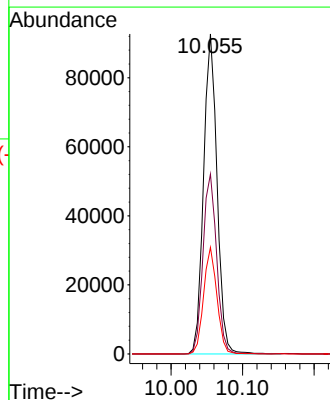
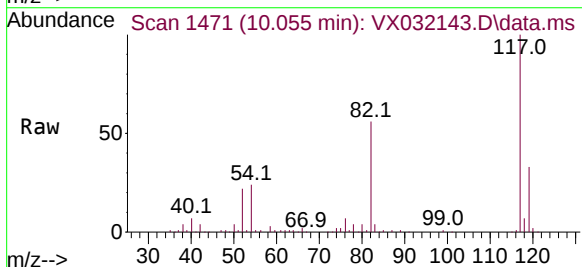
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

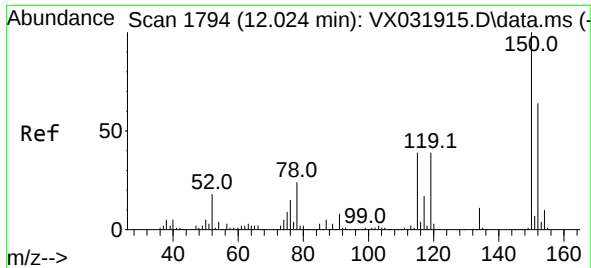
Tgt Ion: 95 Resp: 88357
Ion Ratio Lower Upper
95 100
174 75.2 0.0 153.2
176 72.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032143.D
Acq: 14 Oct 2022 18:33

Tgt Ion: 117 Resp: 121619
Ion Ratio Lower Upper
117 100
82 56.2 46.8 70.2
119 33.3 26.4 39.6

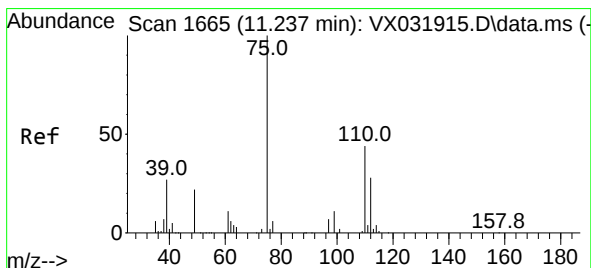
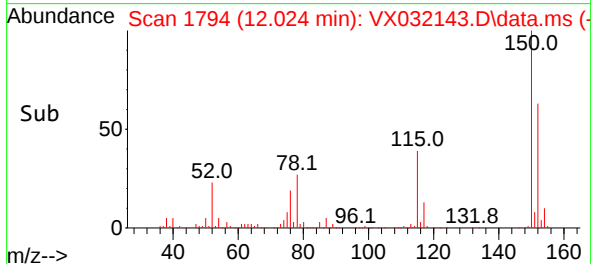
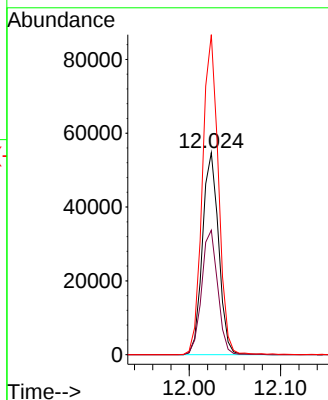
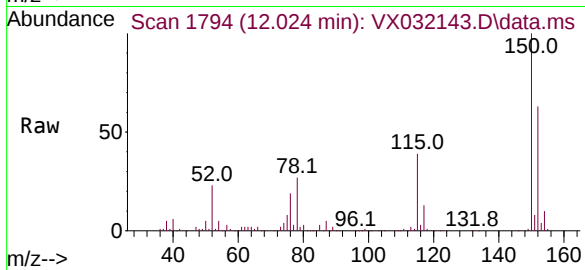




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032143.D
 Acq: 14 Oct 2022 18:33

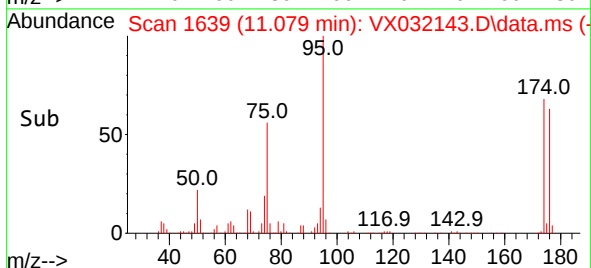
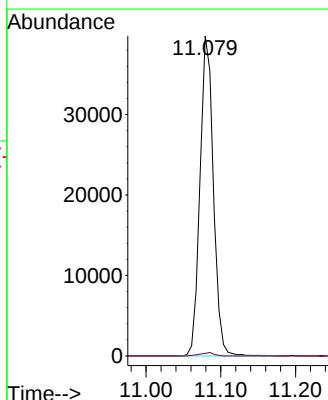
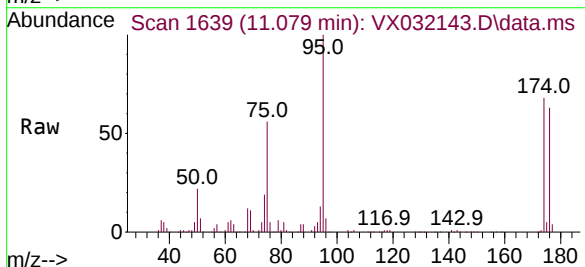
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

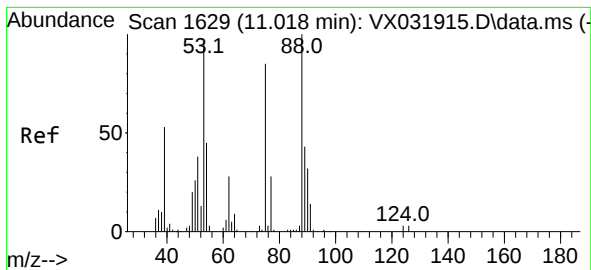
Tgt Ion:152 Resp: 66901
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.4 130.1
 150 157.1 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 36.082 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX032143.D
 Acq: 14 Oct 2022 18:33

Tgt Ion: 75 Resp: 49473
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.427 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032143.D
 Acq: 14 Oct 2022 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 49473
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

