

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038595.D
 Acq On : 27 Oct 2023 12:21
 Operator : JC/MD
 Sample : 05063-09DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:28:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

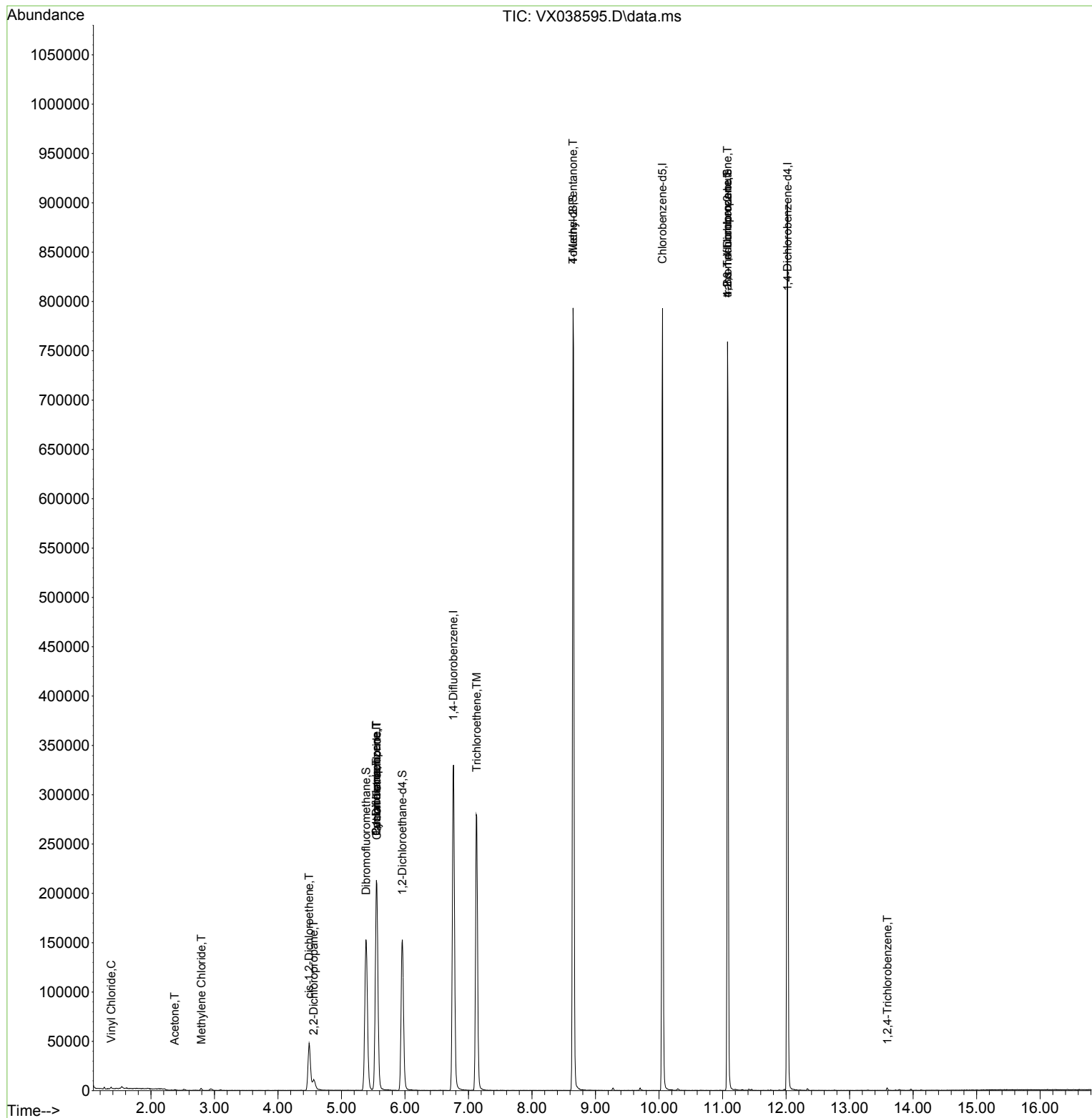
Internal Standards						
1) Pentafluorobenzene	5.550	168	212804	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	358275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152061	44.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.860%
35) Dibromofluoromethane	5.385	113	136305	52.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.600%
50) Toluene-d8	8.647	98	495524	50.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	197881	52.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.820%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	752	0.324	ug/l	# 64
5) Bromomethane	1.611	94	87	Below Cal		98
6) Chloroethane	1.672	64	235	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	1053	Below Cal	#	78
16) Acetone	2.374	43	799	0.559	ug/l	# 85
20) Methylene Chloride	2.794	84	938	0.349	ug/l	# 77
26) 2,2-Dichloropropane	4.562	77	954	0.276	ug/l	# 54
27) cis-1,2-Dichloroethene	4.489	96	31394	10.935	ug/l	80
31) Cyclohexane	5.550	56	3946	1.064	ug/l	# 7
36) 1,1-Dichloropropene	5.550	75	15656	4.398	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	21113	6.029	ug/l	# 14
44) Trichloroethene	7.129	130	115265	44.260	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1944	0.447	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	101090	21.942	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	101090	62.933	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	936	0.218	ug/l	90

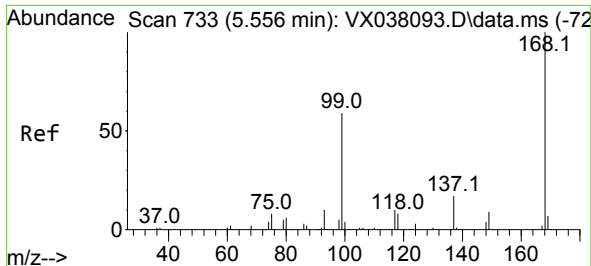
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

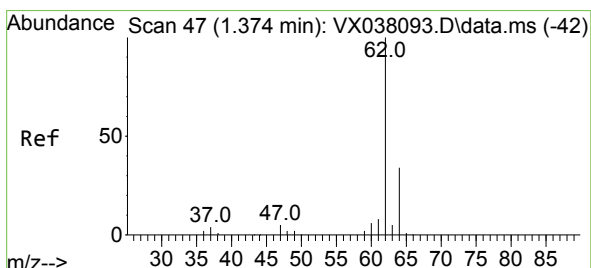
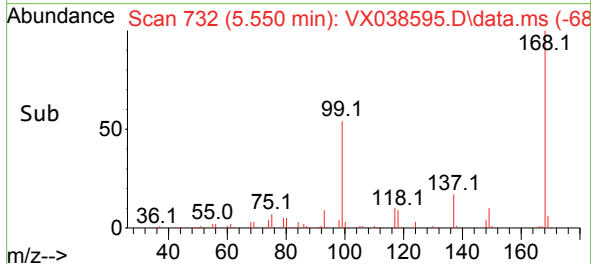
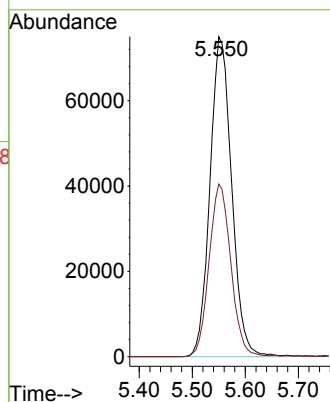
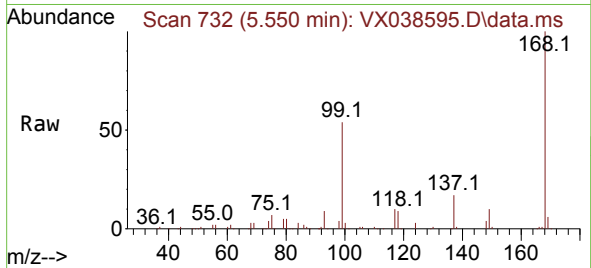




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

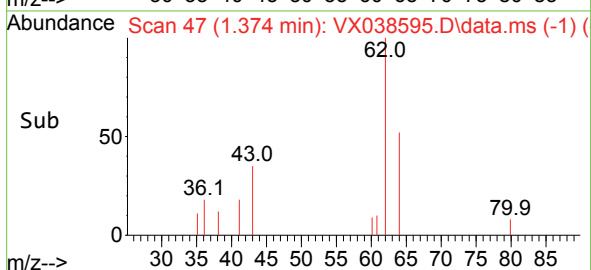
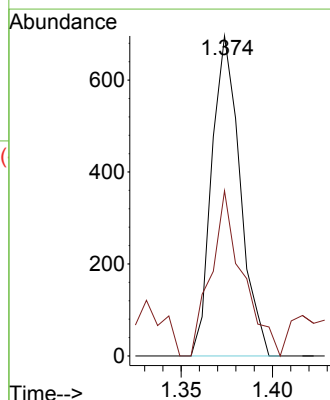
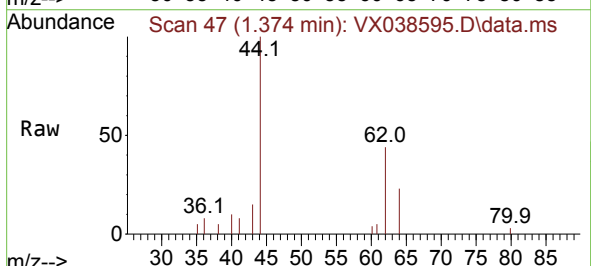
Instrument :
MSVOA_X
ClientSampleId :

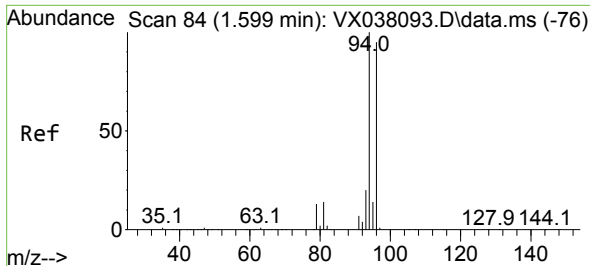
Tgt Ion:168 Resp: 212804
Ion Ratio Lower Upper
168 100
99 53.9 56.6 85.0#



#4
Vinyl Chloride
Concen: 0.324 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

Tgt Ion: 62 Resp: 752
Ion Ratio Lower Upper
62 100
64 51.6 25.4 38.0#

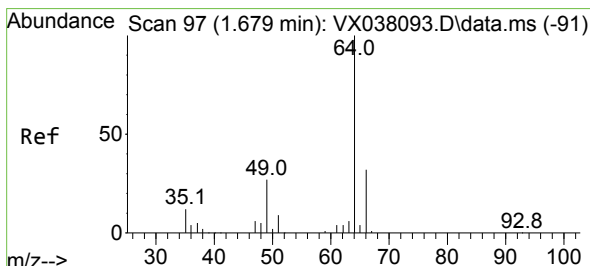
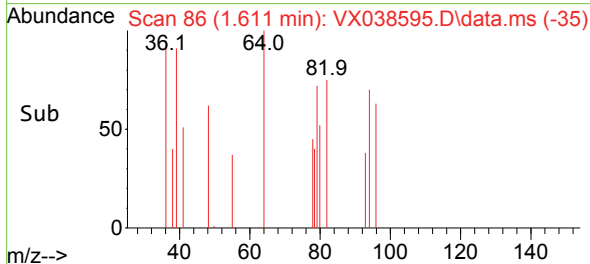
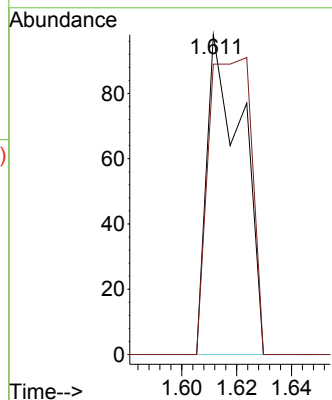
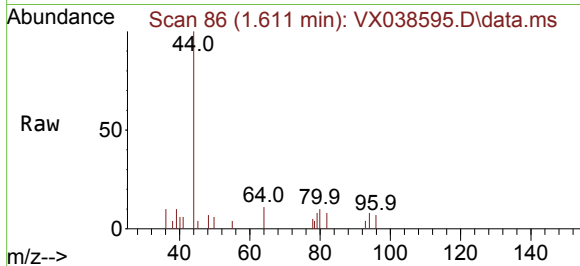




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

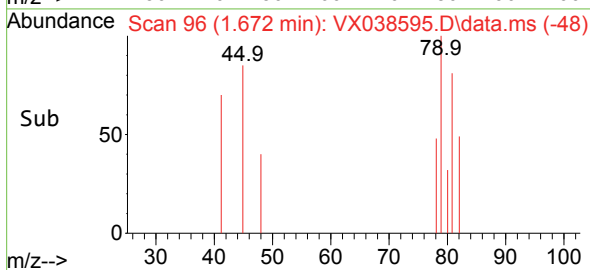
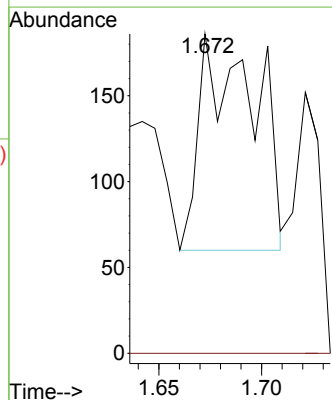
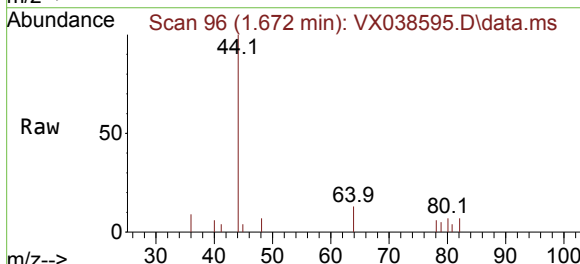
Instrument :
MSVOA_X
ClientSampleId :

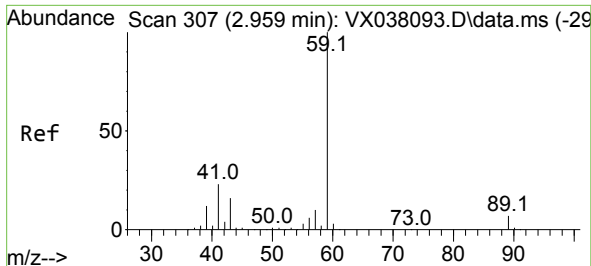
Tgt Ion: 94 Resp: 87
Ion Ratio Lower Upper
94 100
96 90.8 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

Tgt Ion: 64 Resp: 235
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX038595.D

Acq: 27 Oct 2023 12:21

Instrument :

MSVOA_X

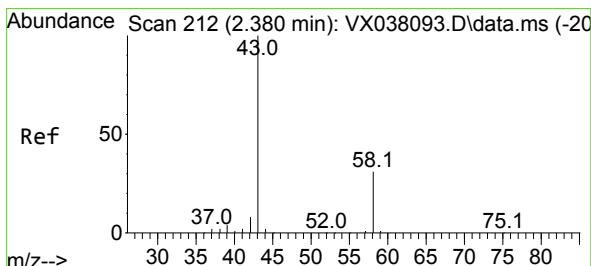
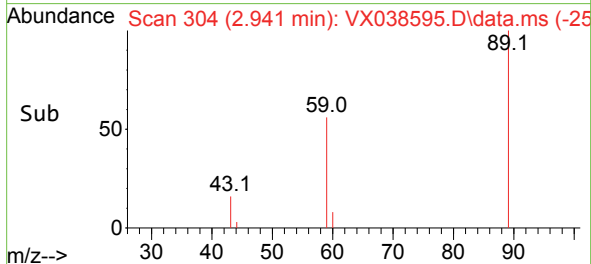
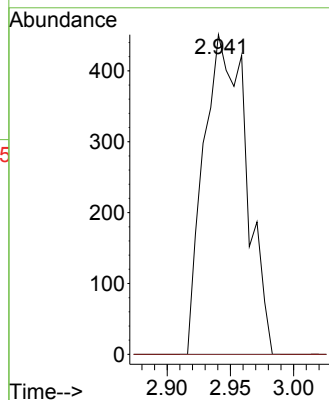
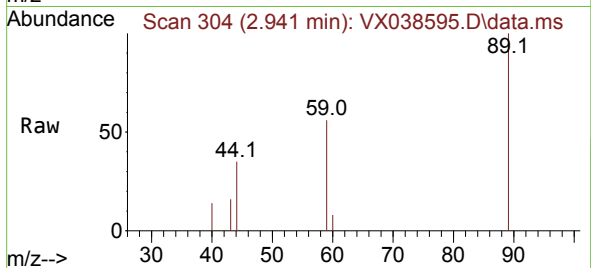
ClientSampleId :

Tgt Ion: 59 Resp: 1053

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.559 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038595.D

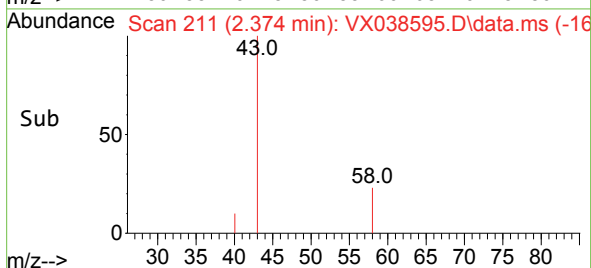
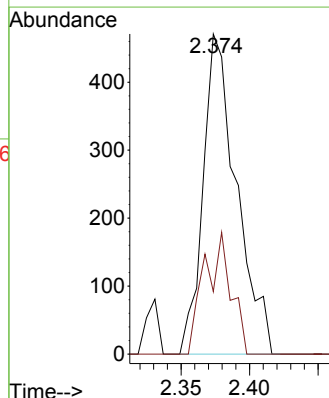
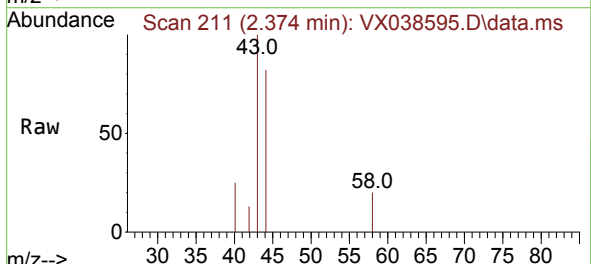
Acq: 27 Oct 2023 12:21

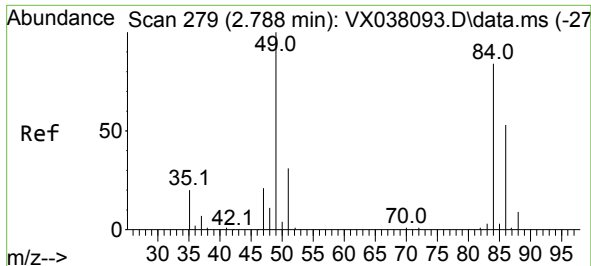
Tgt Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

58 19.5 21.9 32.9#





#20

Methylene Chloride

Concen: 0.349 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

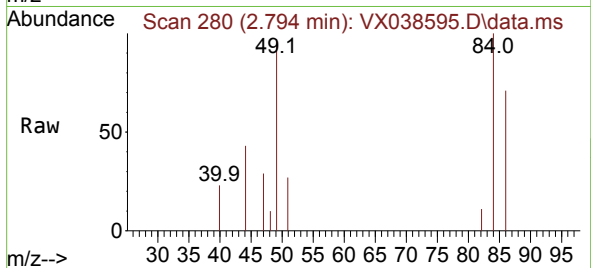
Lab File: VX038595.D

Acq: 27 Oct 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 938

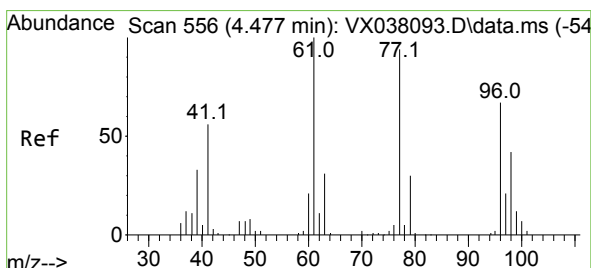
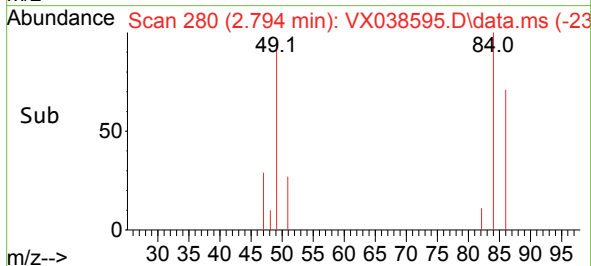
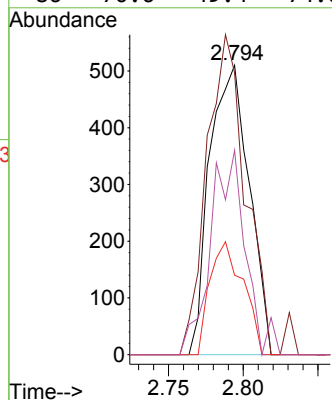
Ion Ratio Lower Upper

84 100

49 97.5 103.6 155.4#

51 27.5 33.8 50.6#

86 70.6 49.4 74.0



#26

2,2-Dichloropropane

Concen: 0.276 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.085 min

Lab File: VX038595.D

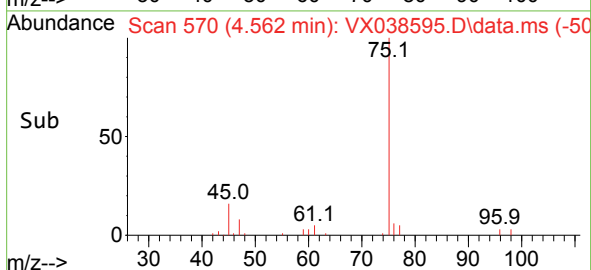
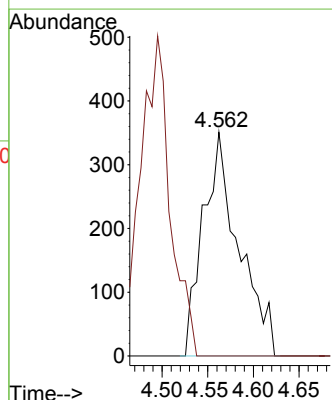
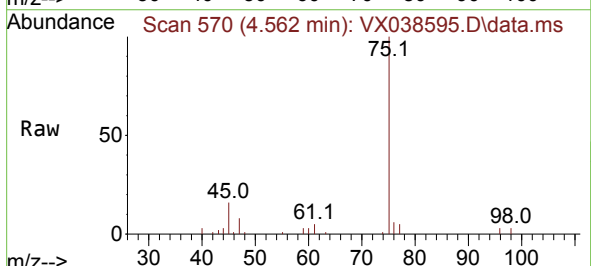
Acq: 27 Oct 2023 12:21

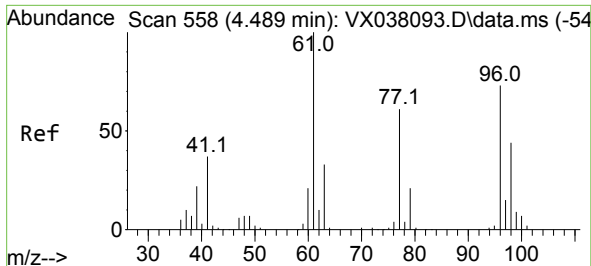
Tgt Ion: 77 Resp: 954

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 10.935 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

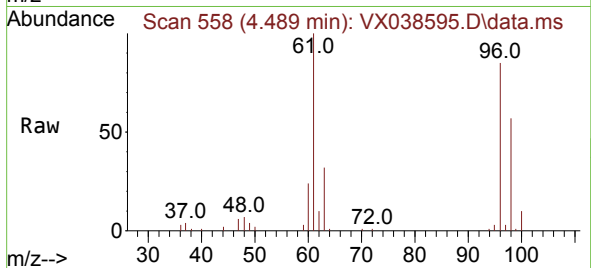
Lab File: VX038595.D

Acq: 27 Oct 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :



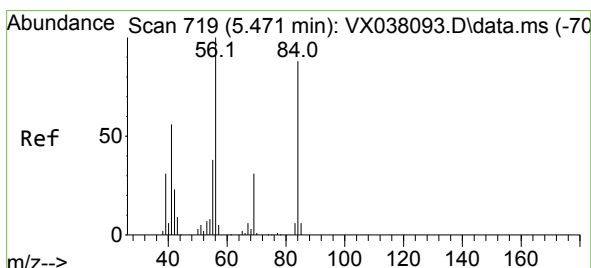
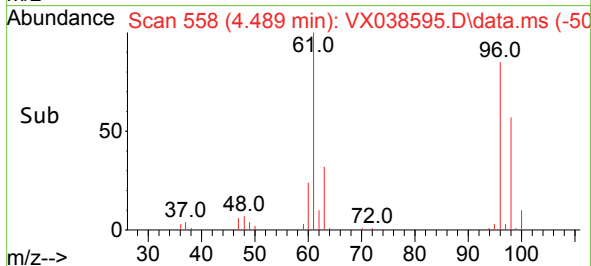
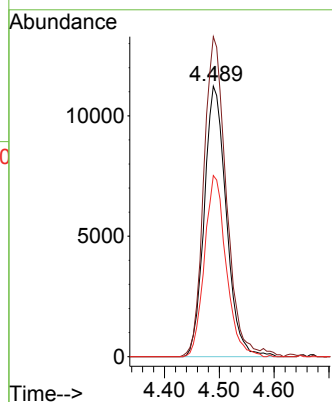
Tgt Ion: 96 Resp: 31394

Ion Ratio Lower Upper

96 100

61 119.5 0.0 312.2

98 65.6 0.0 129.0



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038595.D

Acq: 27 Oct 2023 12:21

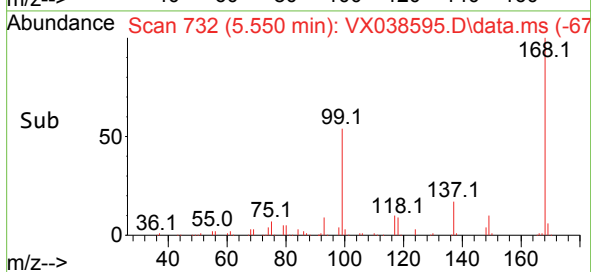
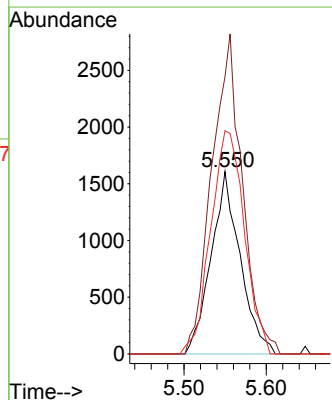
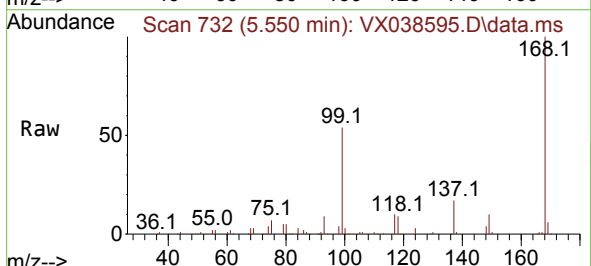
Tgt Ion: 56 Resp: 3946

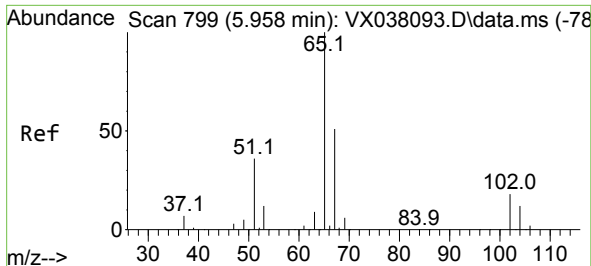
Ion Ratio Lower Upper

56 100

69 152.0 23.4 35.2#

84 122.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.426 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038595.D

Acq: 27 Oct 2023 12:21

Instrument :

MSVOA_X

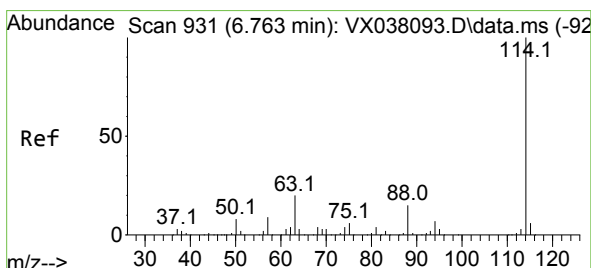
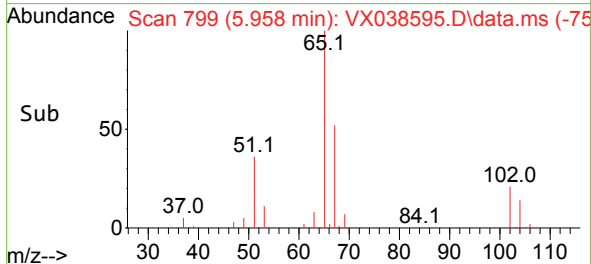
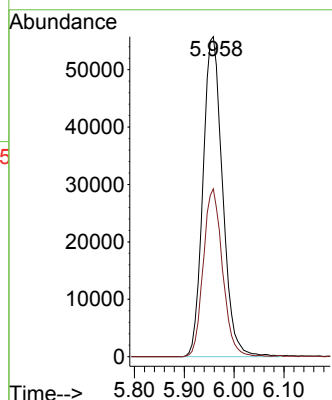
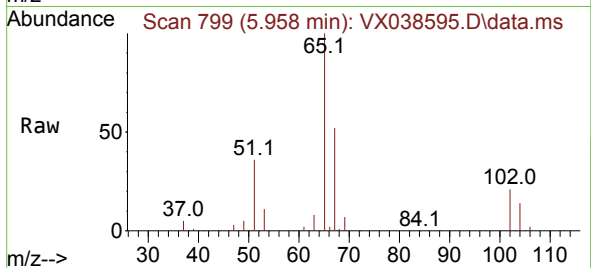
ClientSampleId :

Tgt Ion: 65 Resp: 152061

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038595.D

Acq: 27 Oct 2023 12:21

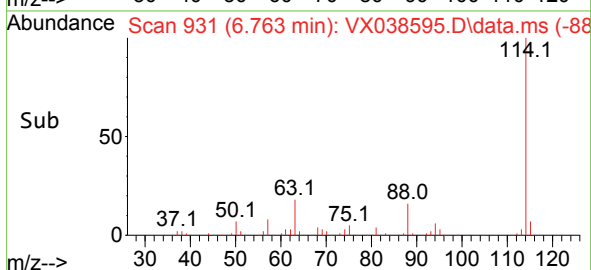
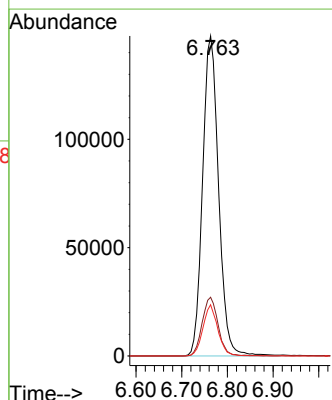
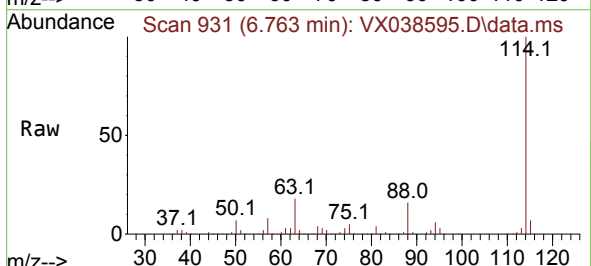
Tgt Ion:114 Resp: 358275

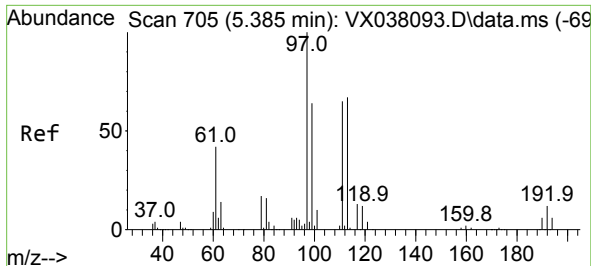
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 16.0 0.0 36.6

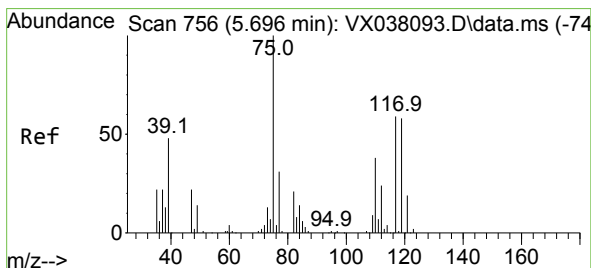
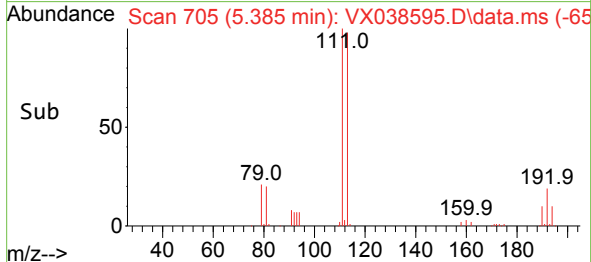
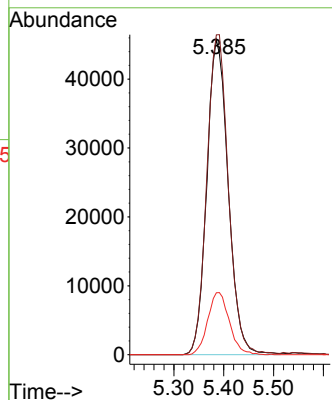
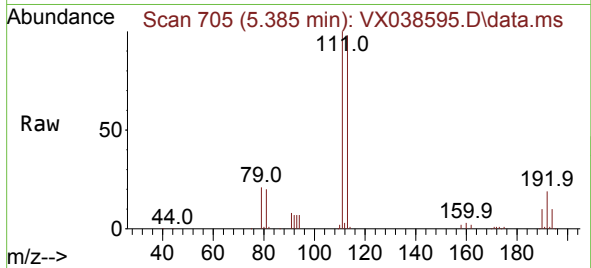




#35
 Dibromofluoromethane
 Concen: 52.799 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038595.D
 Acq: 27 Oct 2023 12:21

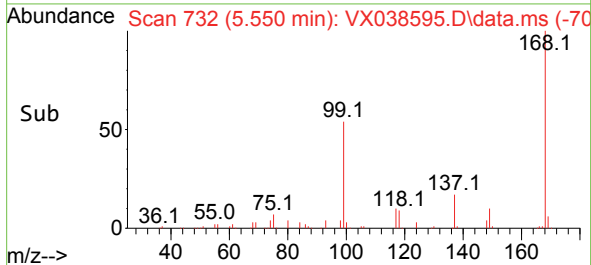
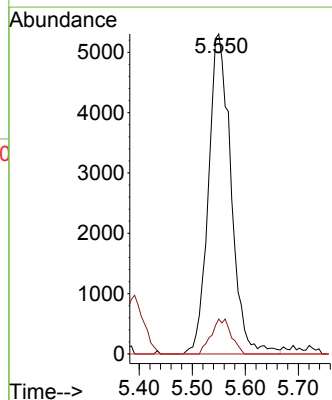
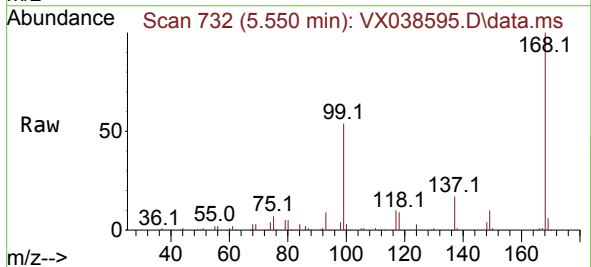
Instrument :
 MSVOA_X
 ClientSampleId :

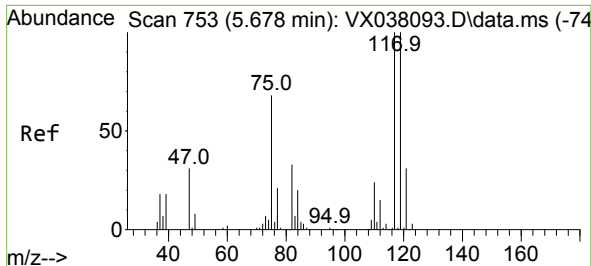
Tgt Ion:113 Resp: 136305
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 19.9 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.398 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX038595.D
 Acq: 27 Oct 2023 12:21

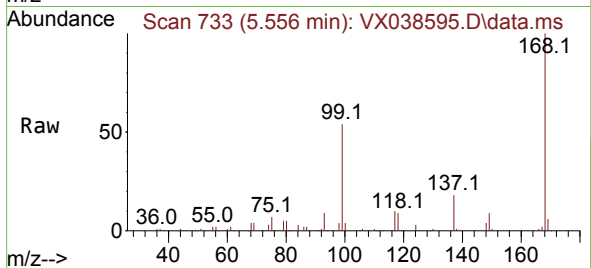
Tgt Ion: 75 Resp: 15656
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.0 50.9#
 77 0.0 24.7 37.1#



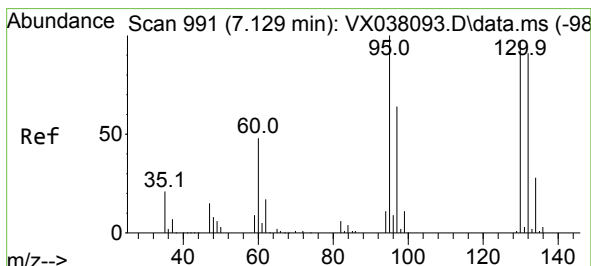
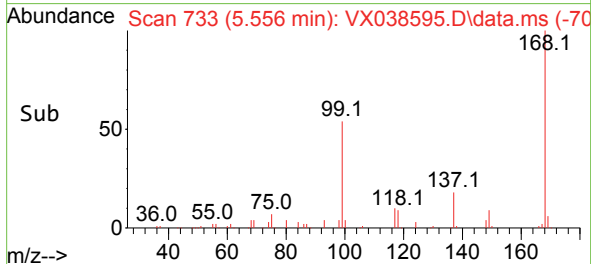
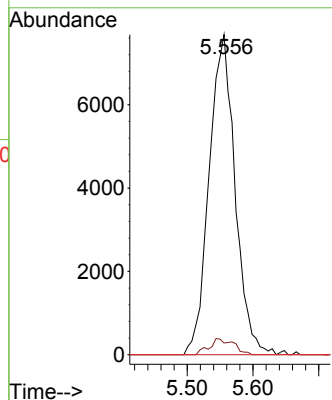


#38
Carbon Tetrachloride
Concen: 6.029 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :

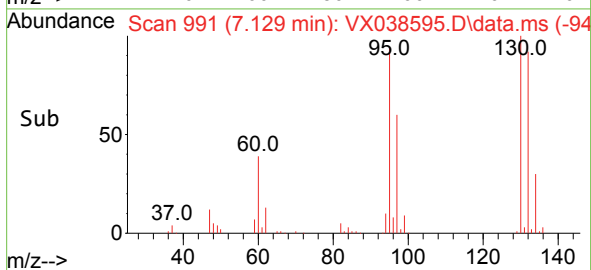
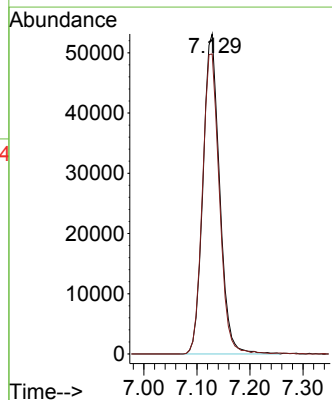
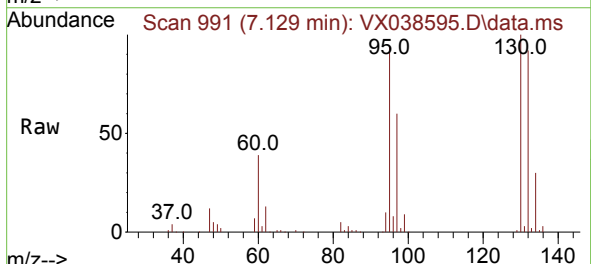


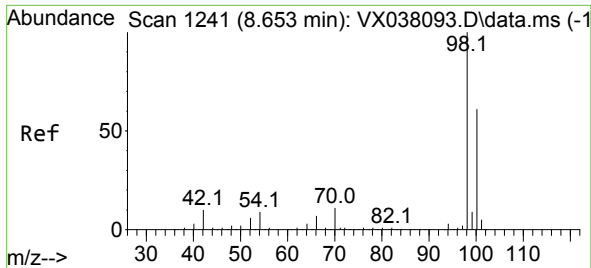
Tgt Ion:117 Resp: 21113
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 44.260 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

Tgt Ion:130 Resp: 115265
Ion Ratio Lower Upper
130 100
95 93.8 0.0 204.4

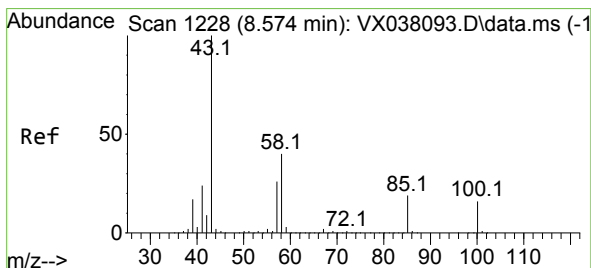
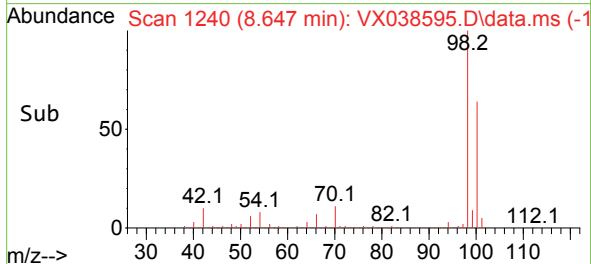
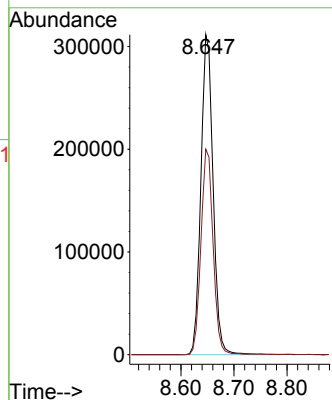
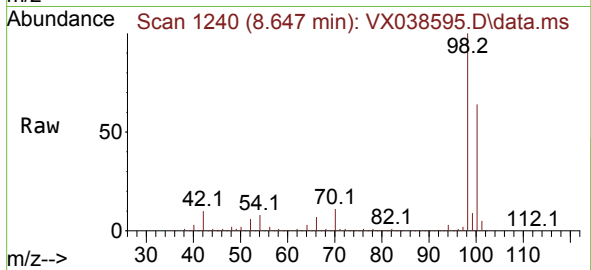




#50
Toluene-d8
Concen: 50.231 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

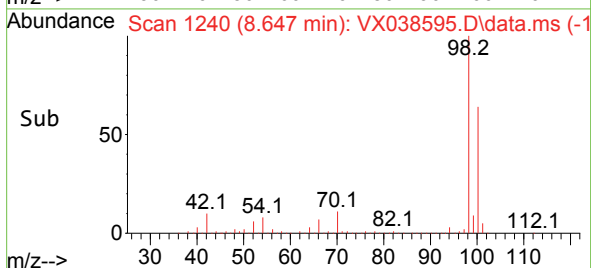
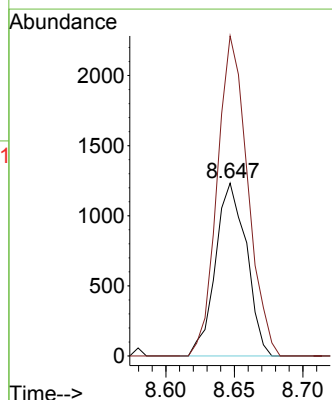
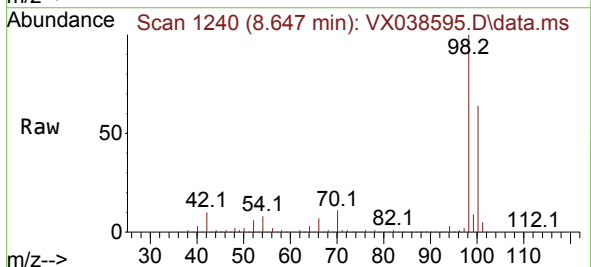
Instrument :
MSVOA_X
ClientSampleId :

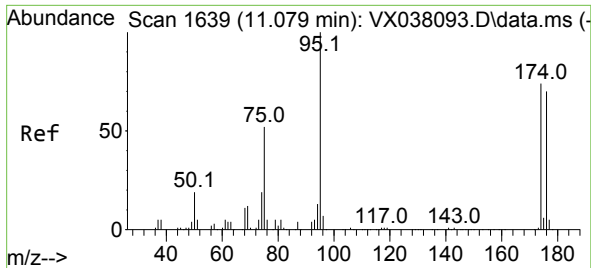
Tgt Ion: 98 Resp: 495524
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
58 181.8 30.4 45.6#

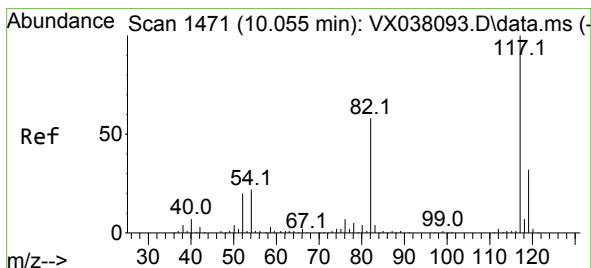
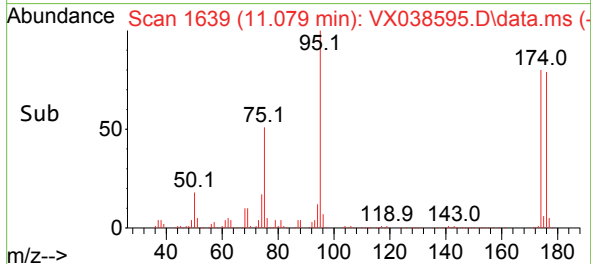
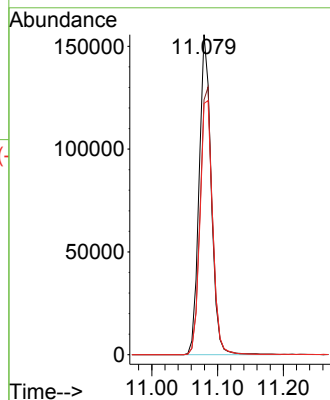
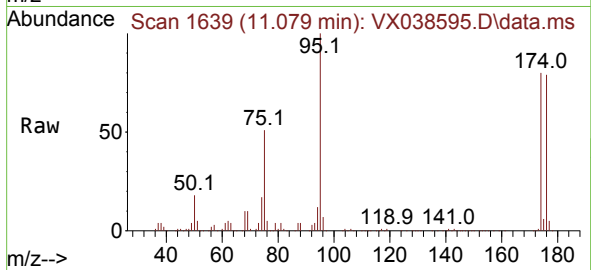




#62
4-Bromofluorobenzene
Concen: 52.911 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

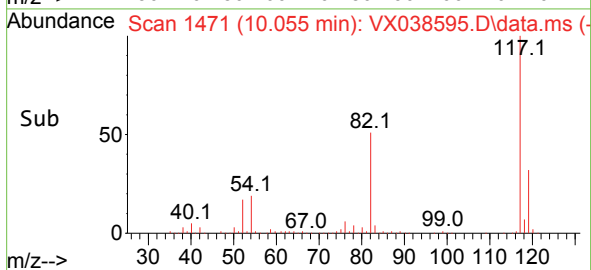
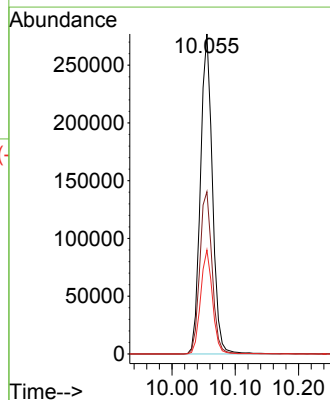
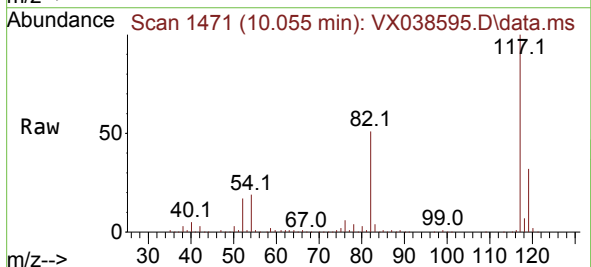
Instrument :
MSVOA_X
ClientSampleId :

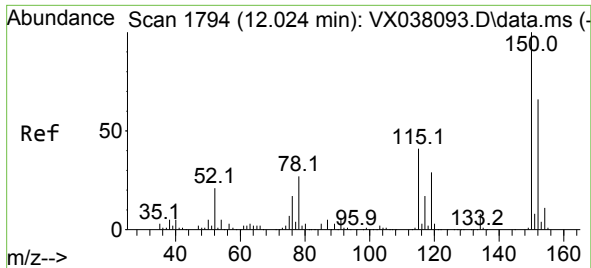
Tgt Ion: 95 Resp: 197881
Ion Ratio Lower Upper
95 100
174 85.9 0.0 135.6
176 83.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038595.D
Acq: 27 Oct 2023 12:21

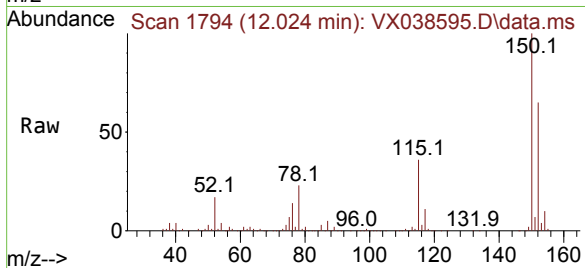
Tgt Ion: 117 Resp: 365608
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.5 25.5 38.3



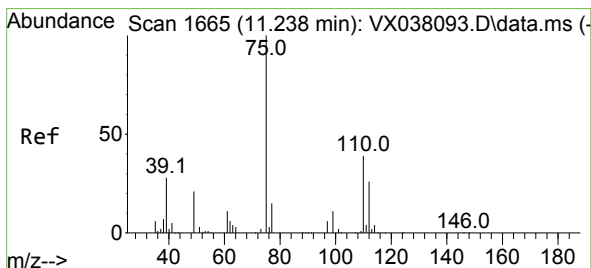
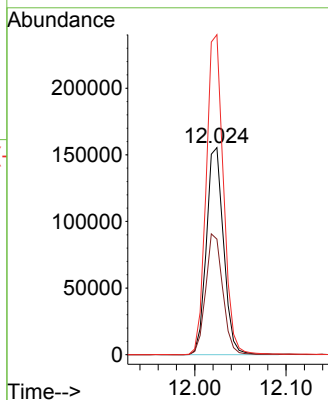
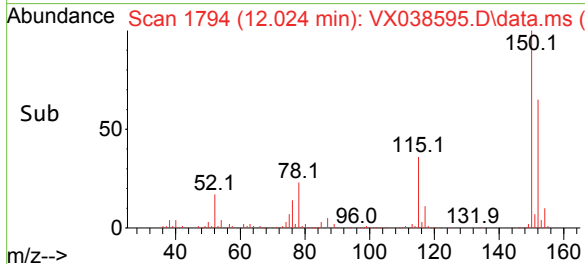


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038595.D
 Acq: 27 Oct 2023 12:21

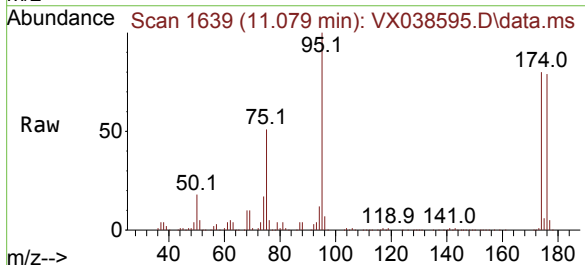
Instrument :
 MSVOA_X
 ClientSampleId :



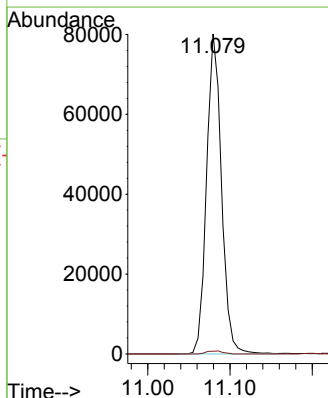
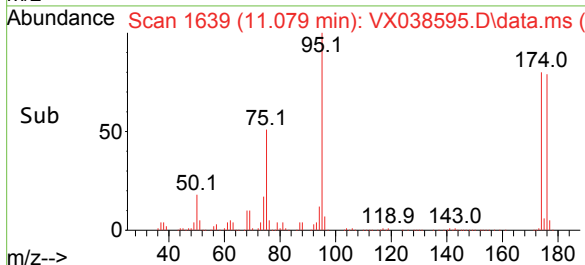
Tgt Ion:152 Resp: 202660
 Ion Ratio Lower Upper
 152 100
 115 58.1 43.3 129.9
 150 155.6 0.0 345.0

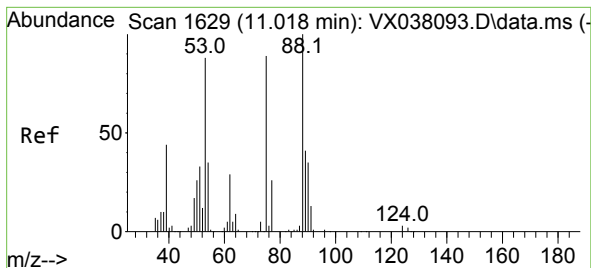


#76
 1,2,3-Trichloropropane
 Concen: 21.942 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038595.D
 Acq: 27 Oct 2023 12:21



Tgt Ion: 75 Resp: 101090
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

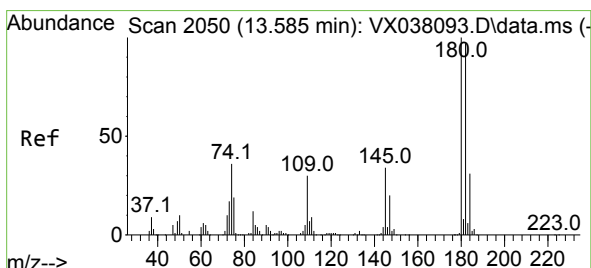
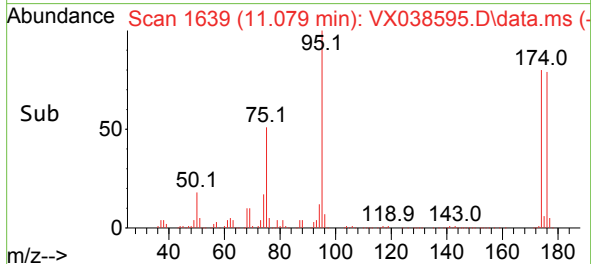
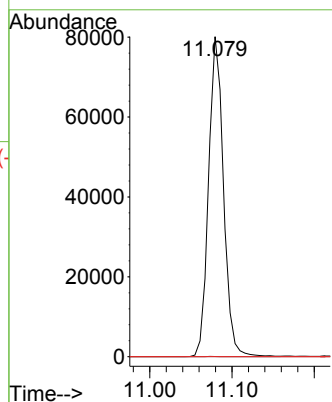
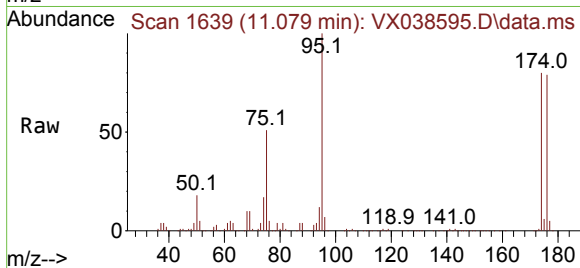




#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.933 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038595.D
 Acq: 27 Oct 2023 12:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 101090
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.218 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX038595.D
 Acq: 27 Oct 2023 12:21

Tgt Ion:180 Resp: 936
 Ion Ratio Lower Upper
 180 100
 182 87.1 48.3 144.8
 145 28.6 18.0 54.0

