

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038596.D
 Acq On : 27 Oct 2023 12:44
 Operator : JC/MD
 Sample : 05063-17 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:28:55 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)

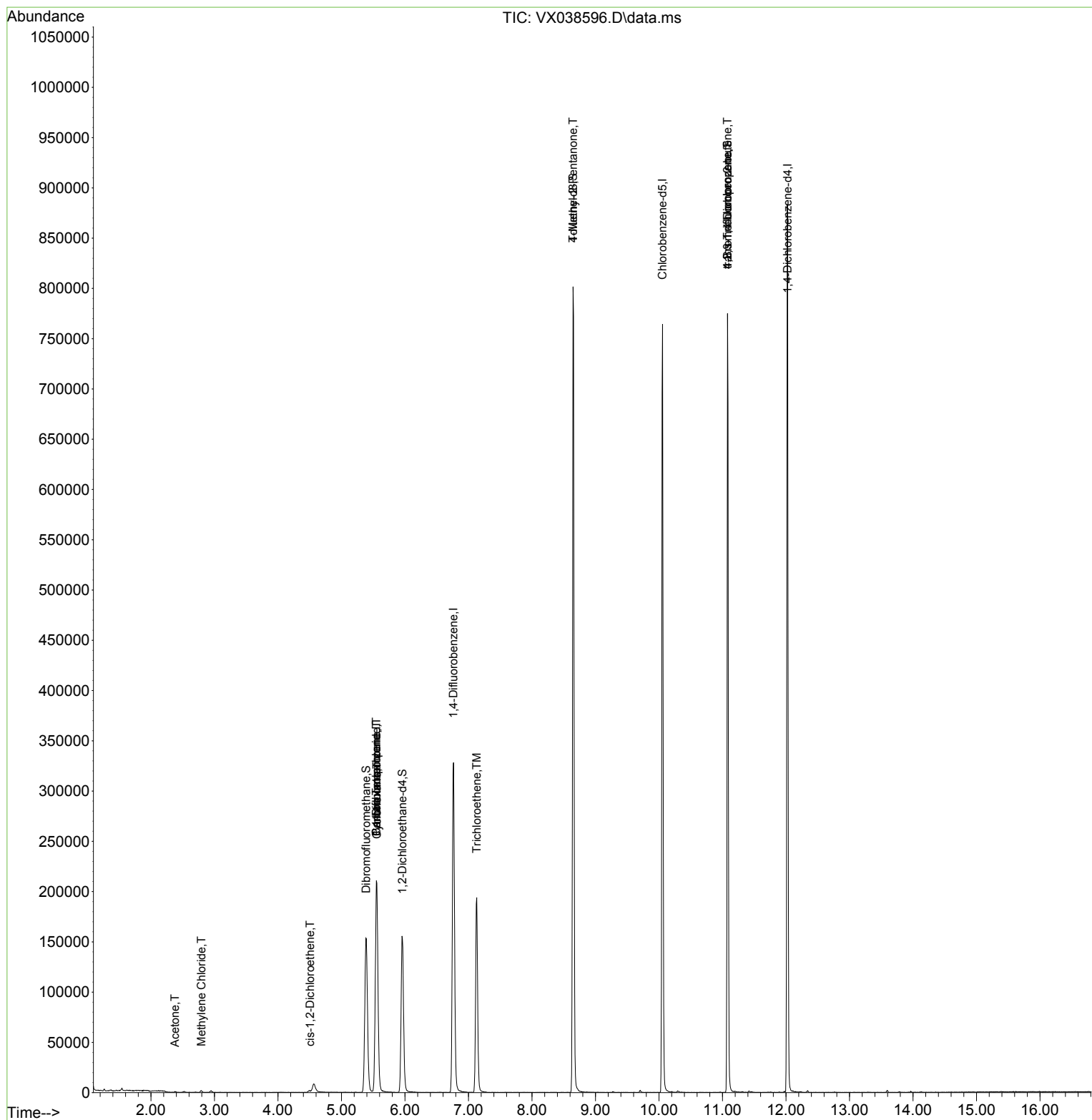
Internal Standards						
1) Pentafluorobenzene	5.550	168	212129	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	353497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151574	44.424	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 88.840%	
35) Dibromofluoromethane	5.385	113	137273	53.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.780%	
50) Toluene-d8	8.647	98	500083	51.378	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	11.079	95	202316	54.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	123	Below Cal	#	62
6) Chloroethane	1.685	64	43	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	999	Below Cal	#	78
16) Acetone	2.380	43	669	0.470	ug/l #	89
20) Methylene Chloride	2.794	84	858	0.320	ug/l #	88
27) cis-1,2-Dichloroethene	4.507	96	1254	0.438	ug/l	85
31) Cyclohexane	5.556	56	4210	1.139	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14850	4.228	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21118	6.112	ug/l #	16
44) Trichloroethene	7.129	130	78617	30.596	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1950	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	102596	22.199	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	102596	63.625	ug/l #	5

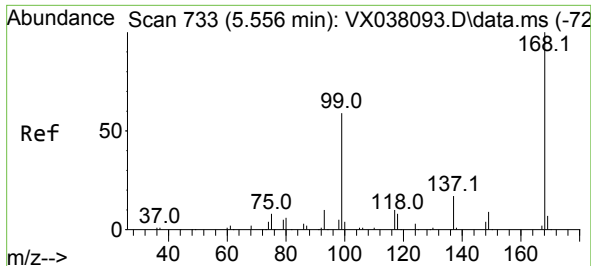
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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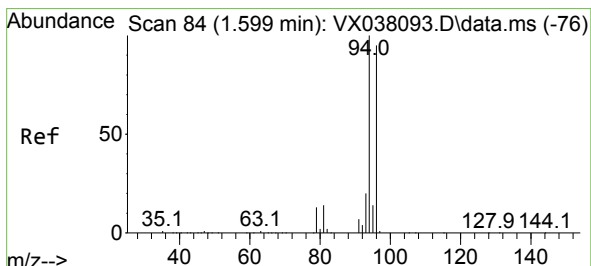
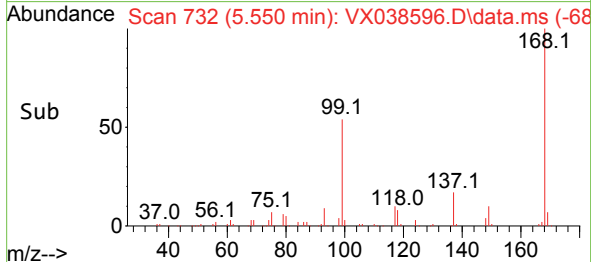
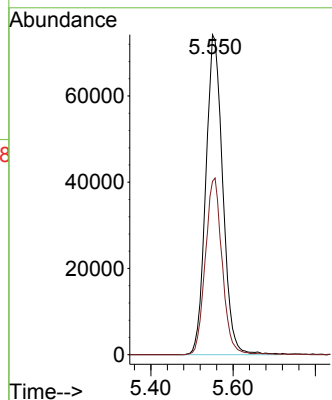
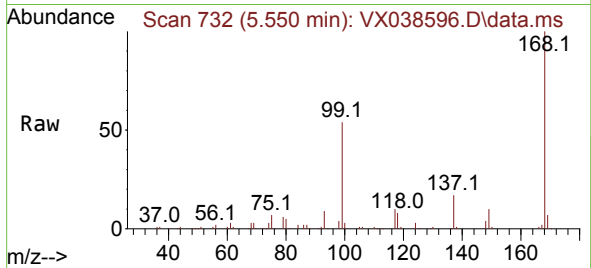




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

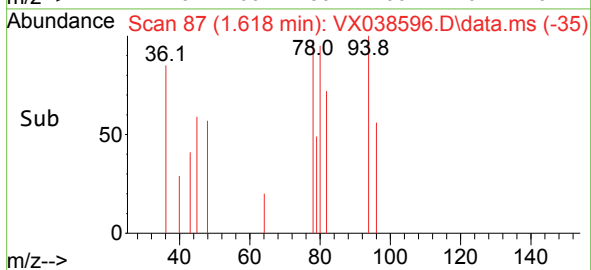
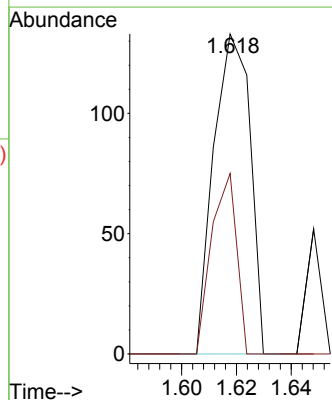
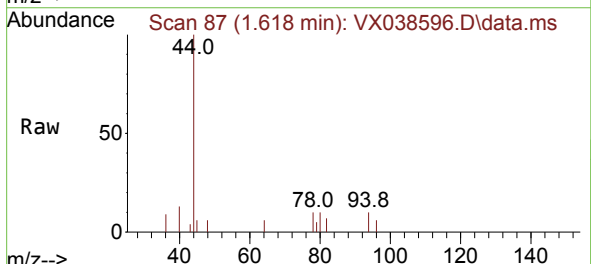
Instrument :
MSVOA_X
ClientSampleId :

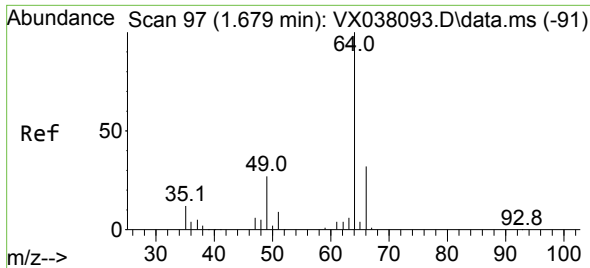
Tgt Ion:168 Resp: 212129
Ion Ratio Lower Upper
168 100
99 54.2 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 56.4 74.6 111.8#

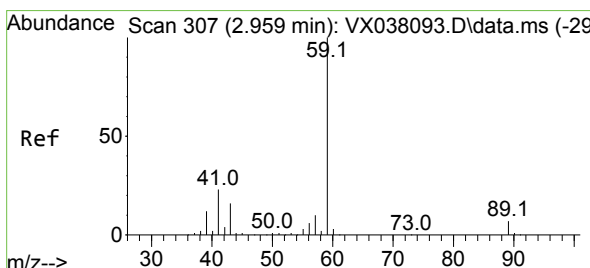
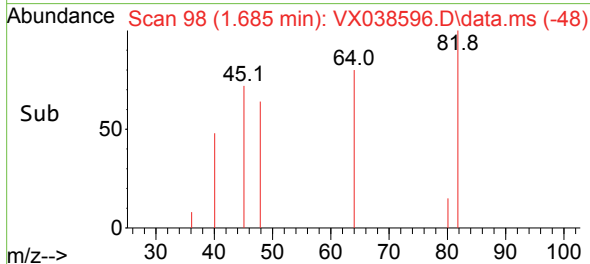
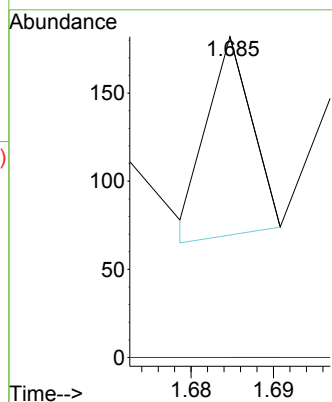
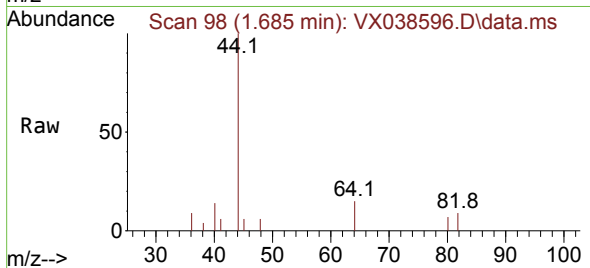




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

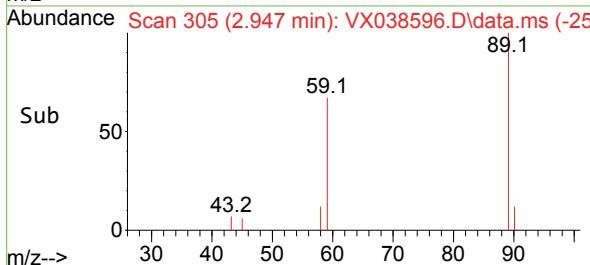
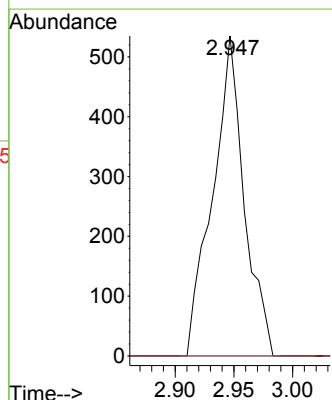
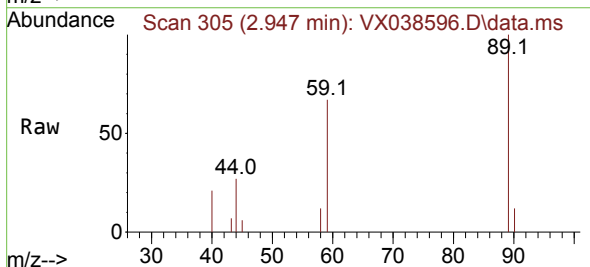
Instrument :
MSVOA_X
ClientSampleId :

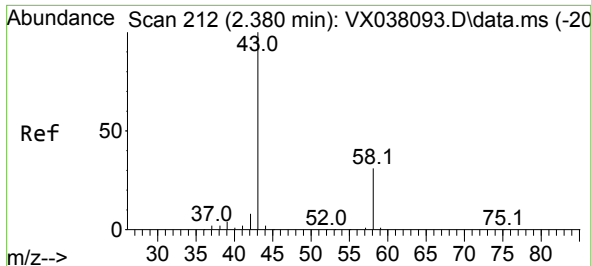
Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

Tgt Ion: 59 Resp: 999
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.470 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038596.D

Acq: 27 Oct 2023 12:44

Instrument :

MSVOA_X

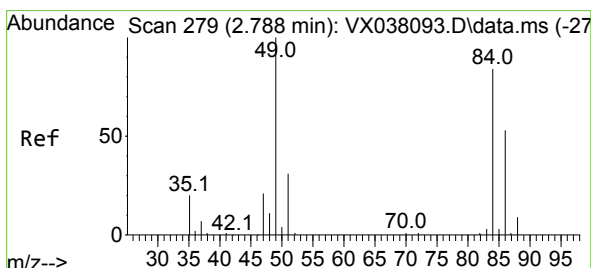
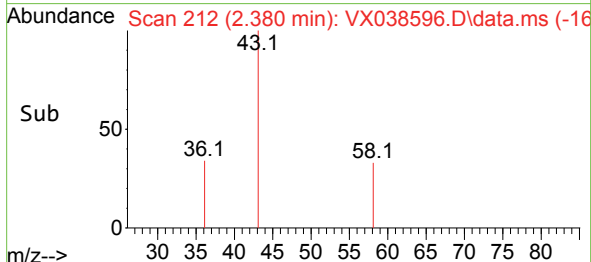
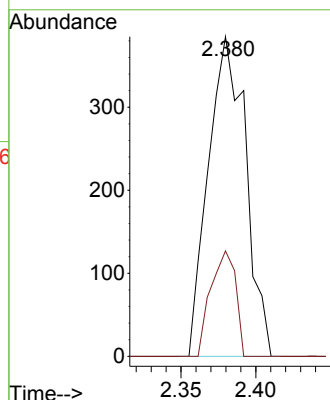
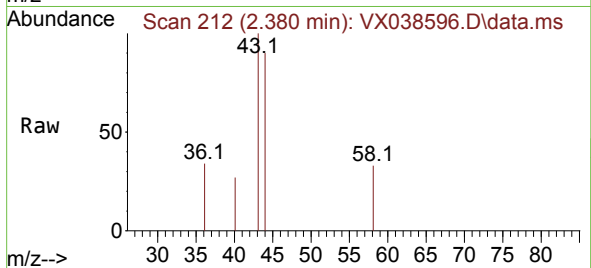
ClientSampleId :

Tgt Ion: 43 Resp: 669

Ion Ratio Lower Upper

43 100

58 33.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.320 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038596.D

Acq: 27 Oct 2023 12:44

Tgt Ion: 84 Resp: 858

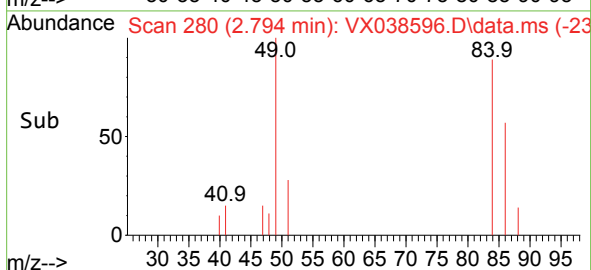
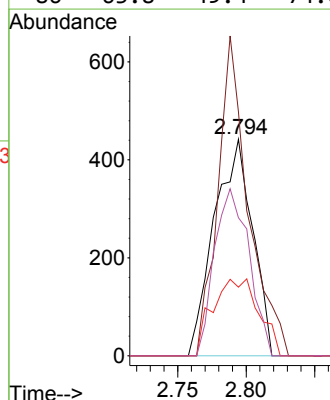
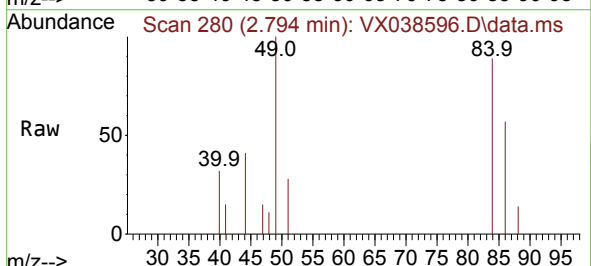
Ion Ratio Lower Upper

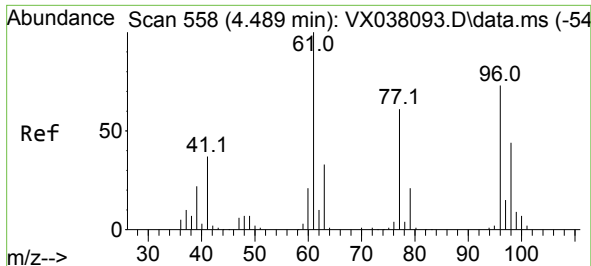
84 100

49 112.7 103.6 155.4

51 31.7 33.8 50.6#

86 63.8 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.438 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.018 min

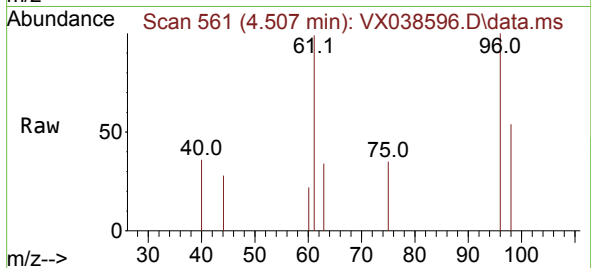
Lab File: VX038596.D

Acq: 27 Oct 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :



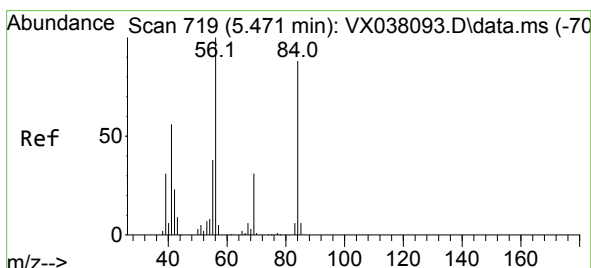
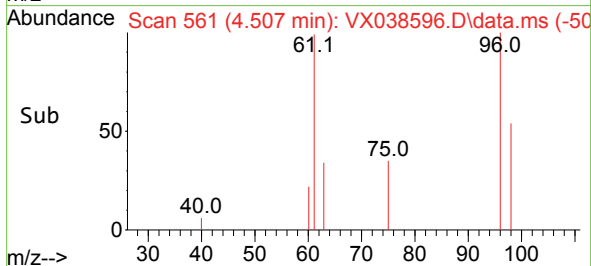
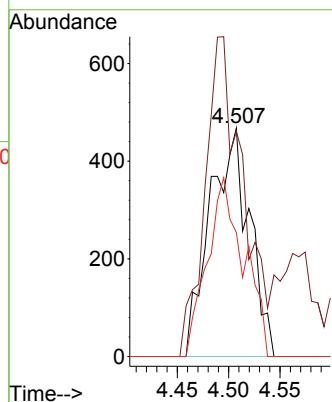
Tgt Ion: 96 Resp: 1254

Ion Ratio Lower Upper

96 100

61 133.1 0.0 312.2

98 72.3 0.0 129.0



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038596.D

Acq: 27 Oct 2023 12:44

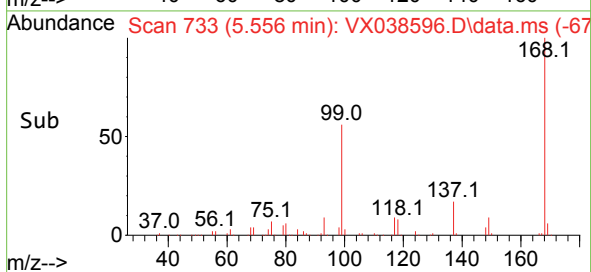
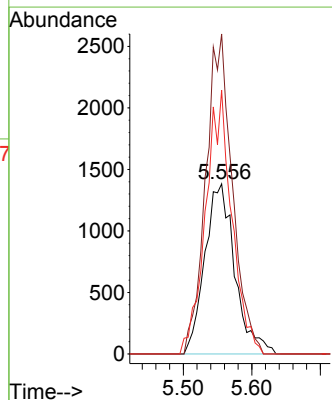
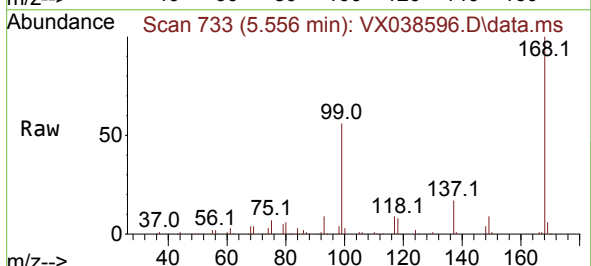
Tgt Ion: 56 Resp: 4210

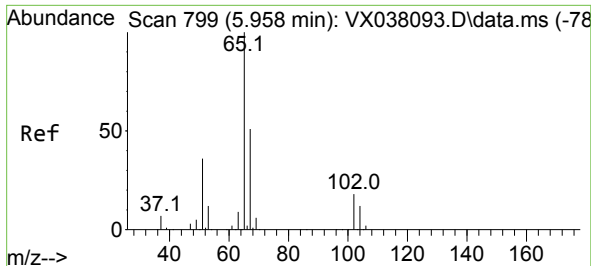
Ion Ratio Lower Upper

56 100

69 188.1 23.4 35.2#

84 155.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.424 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038596.D

Acq: 27 Oct 2023 12:44

Instrument :

MSVOA_X

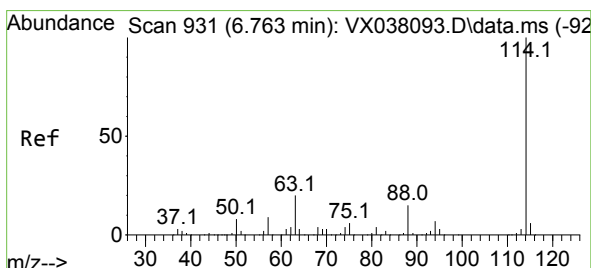
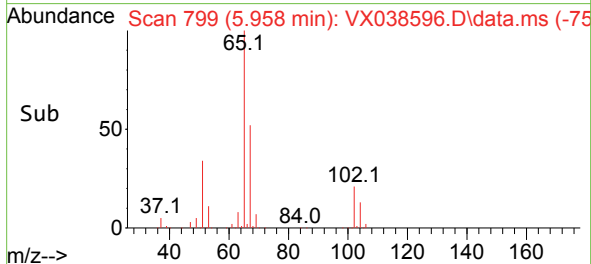
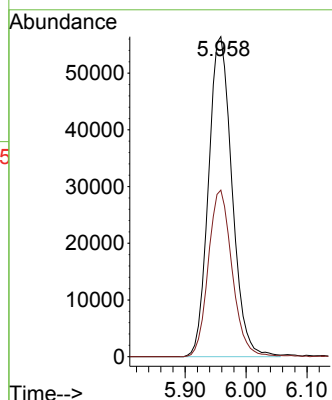
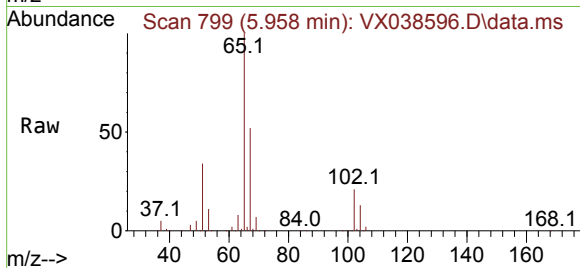
ClientSampleId :

Tgt Ion: 65 Resp: 151574

Ion Ratio Lower Upper

65 100

67 52.6 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: VX038596.D

Acq: 27 Oct 2023 12:44

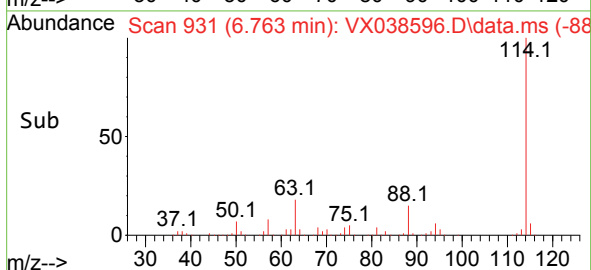
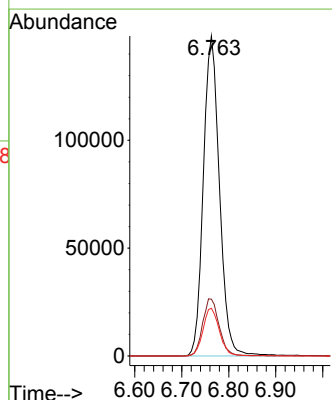
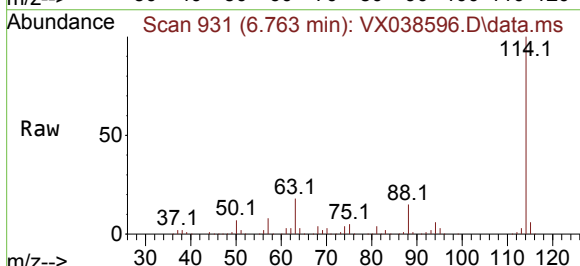
Tgt Ion: 114 Resp: 353497

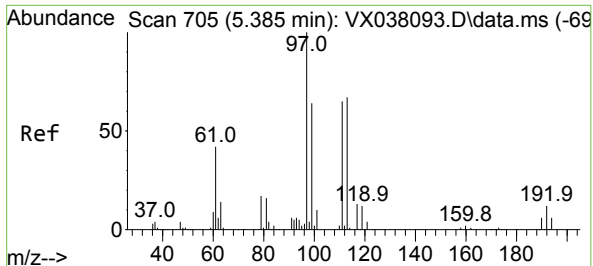
Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.892 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

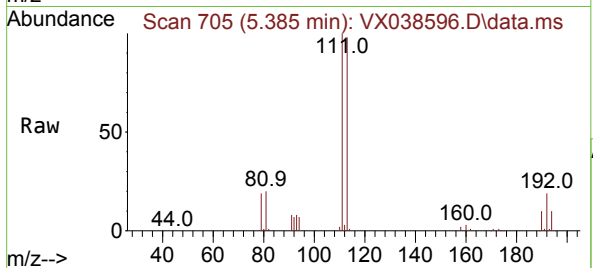
Lab File: VX038596.D

Acq: 27 Oct 2023 12:44

Instrument :

MSVOA_X

ClientSampleId :



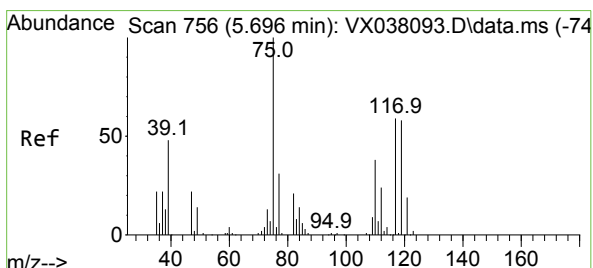
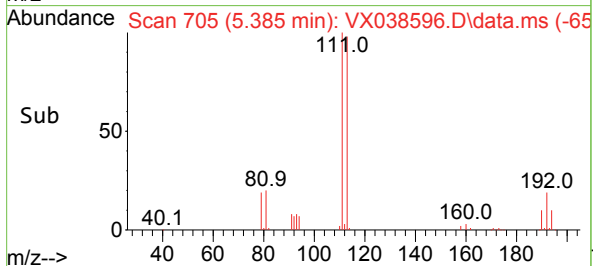
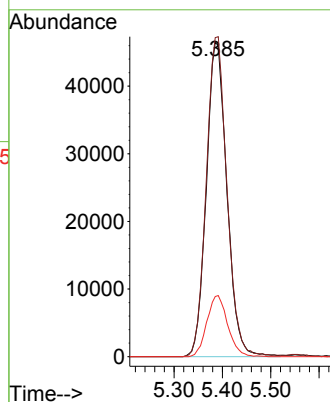
Tgt Ion:113 Resp: 137273

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 19.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.228 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX038596.D

Acq: 27 Oct 2023 12:44

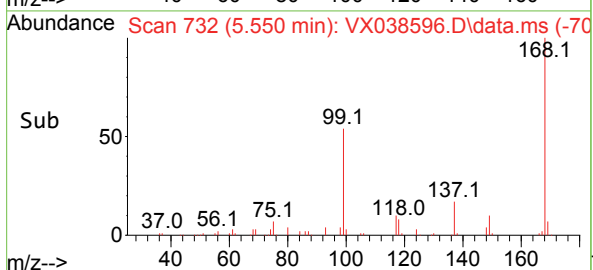
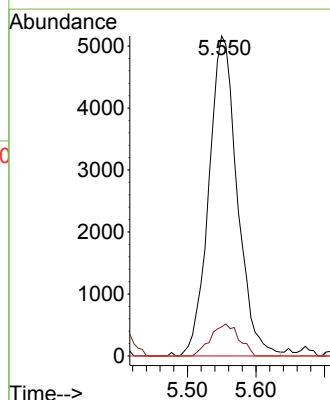
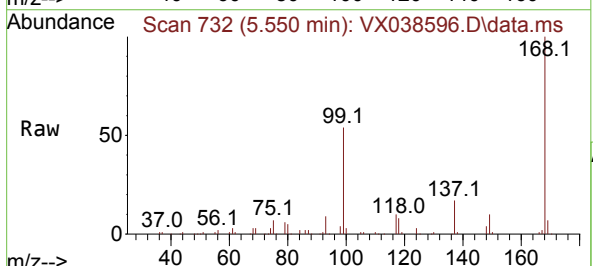
Tgt Ion: 75 Resp: 14850

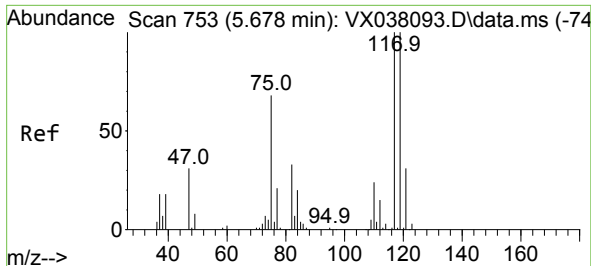
Ion Ratio Lower Upper

75 100

110 10.0 17.0 50.9#

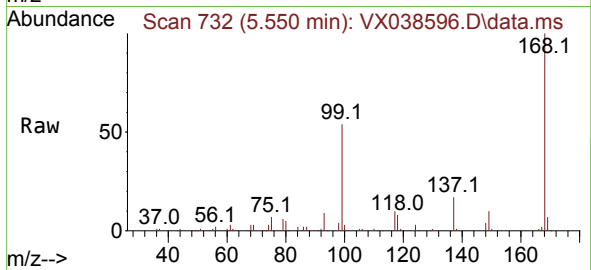
77 0.0 24.7 37.1#



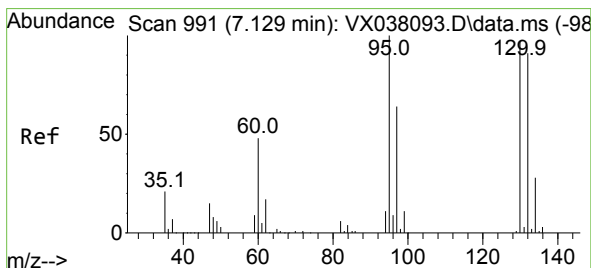
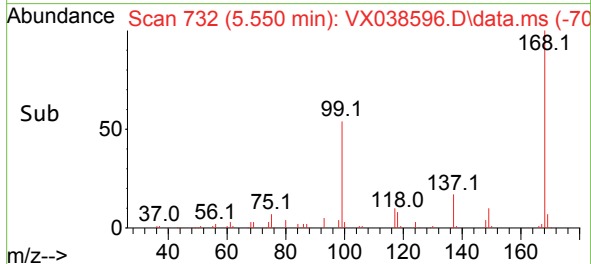
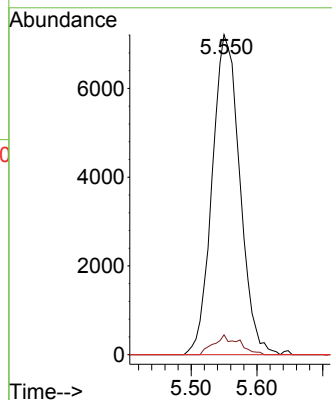


#38
Carbon Tetrachloride
Concen: 6.112 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :

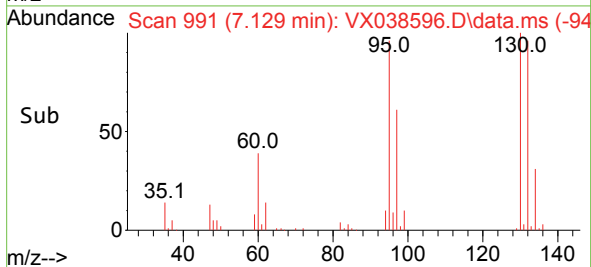
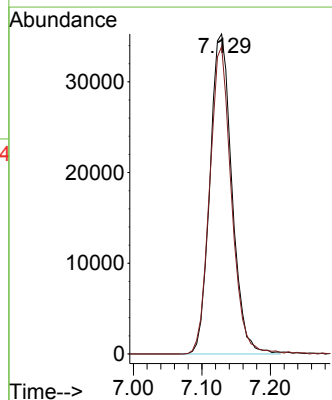
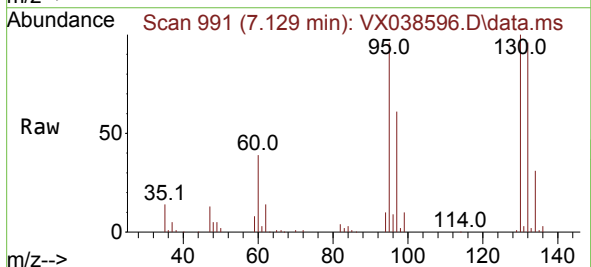


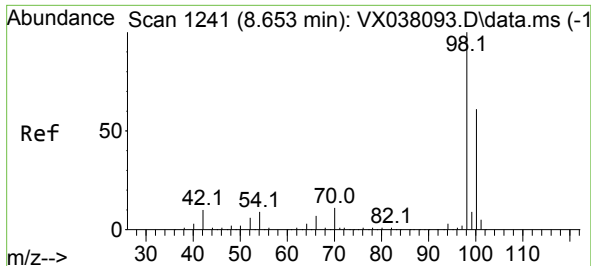
Tgt Ion:117 Resp: 21118
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 30.596 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

Tgt Ion:130 Resp: 78617
Ion Ratio Lower Upper
130 100
95 96.1 0.0 204.4

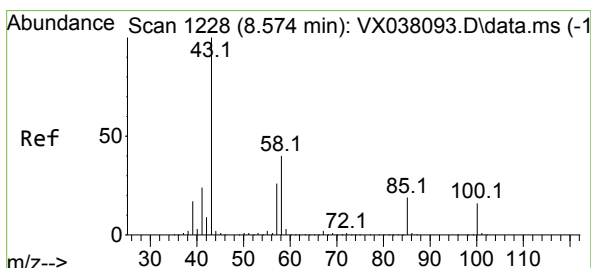
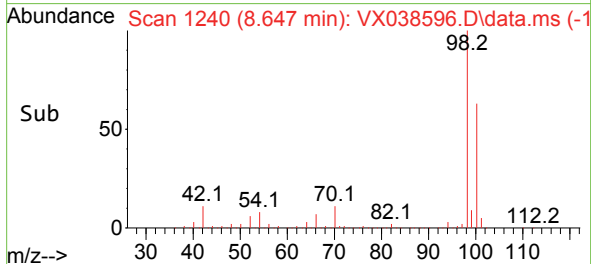
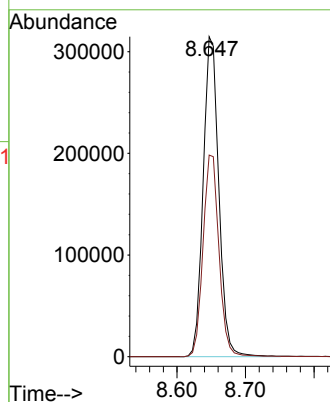
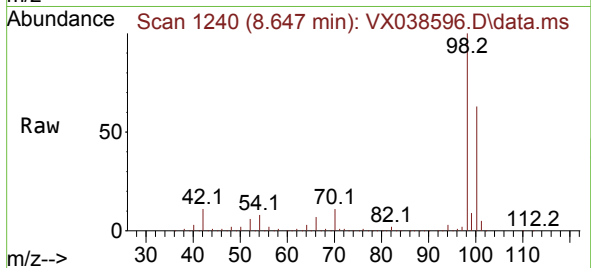




#50
Toluene-d8
Concen: 51.378 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

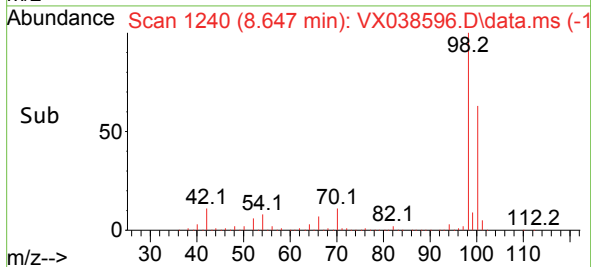
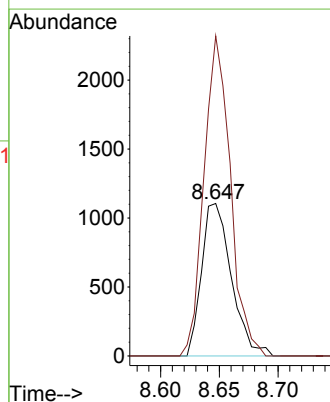
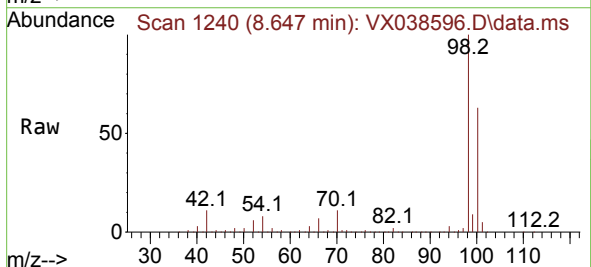
Instrument :
MSVOA_X
ClientSampleId :

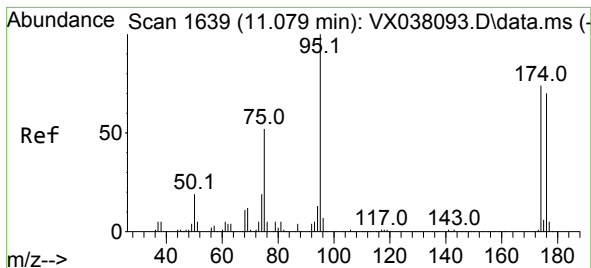
Tgt Ion: 98 Resp: 500083
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
58 186.1 30.4 45.6#

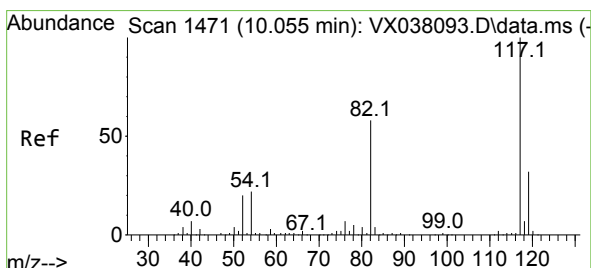
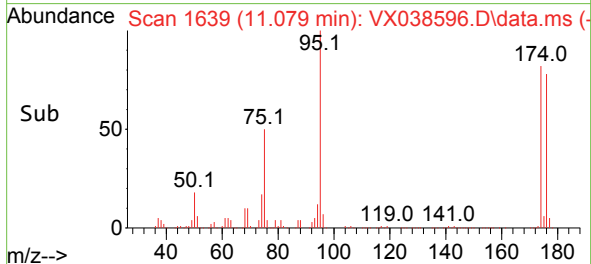
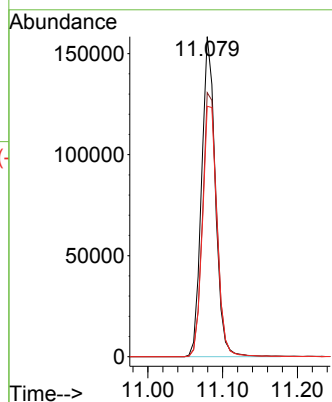
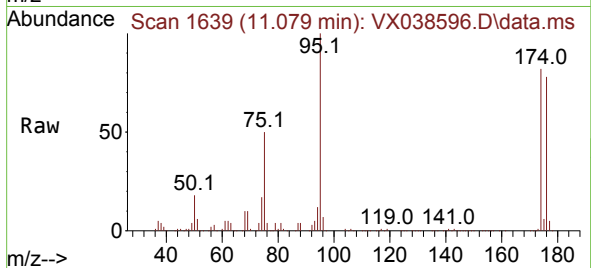




#62
4-Bromofluorobenzene
Concen: 54.828 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

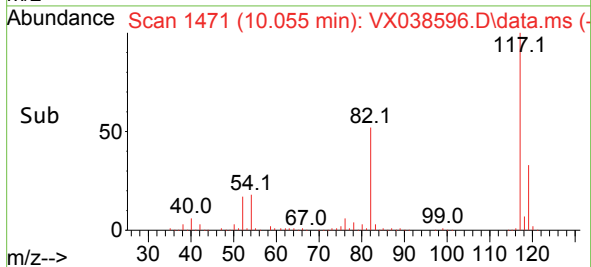
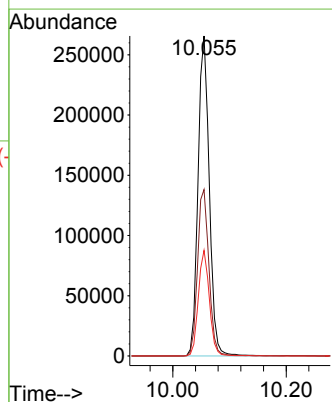
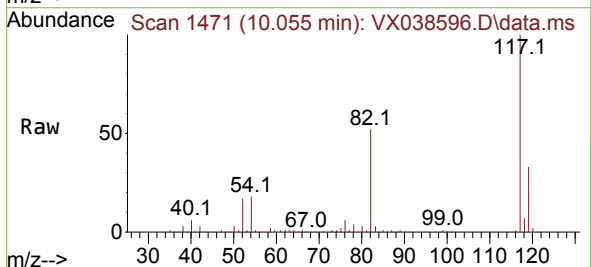
Instrument :
MSVOA_X
ClientSampleId :

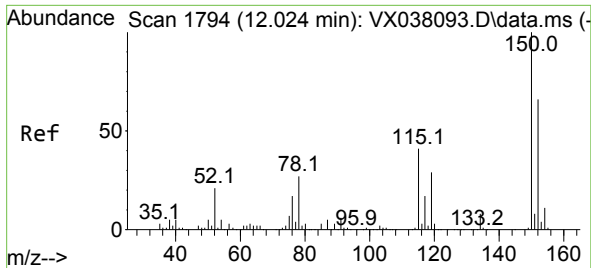
Tgt Ion: 95 Resp: 202316
Ion Ratio Lower Upper
95 100
174 86.3 0.0 135.6
176 83.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

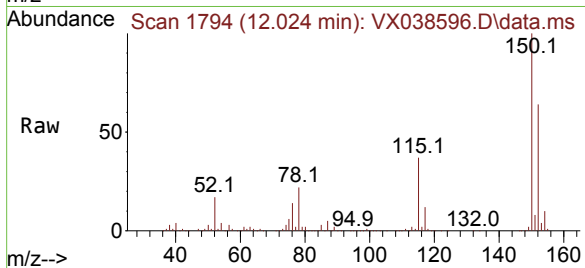
Tgt Ion: 117 Resp: 365402
Ion Ratio Lower Upper
117 100
82 52.0 46.2 69.4
119 33.0 25.5 38.3



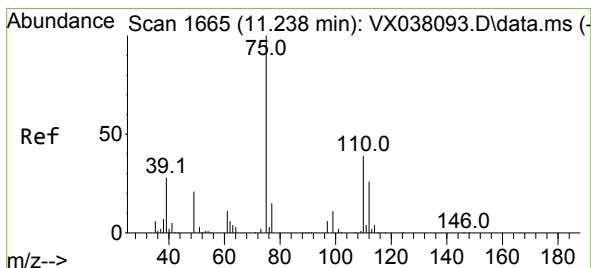
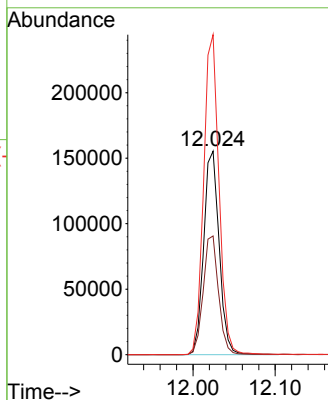
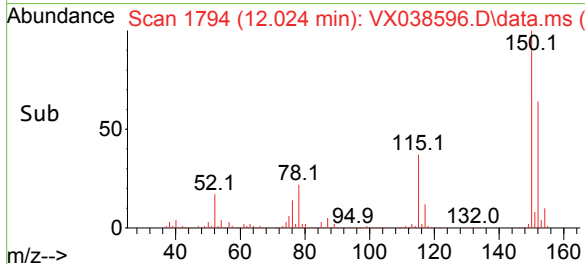


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

Instrument :
MSVOA_X
ClientSampleId :

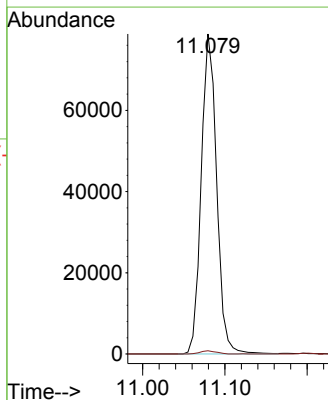
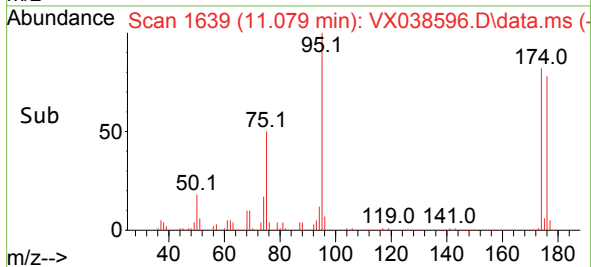
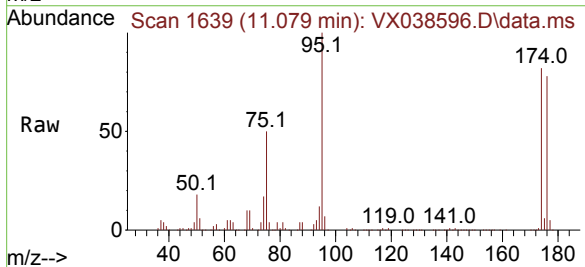


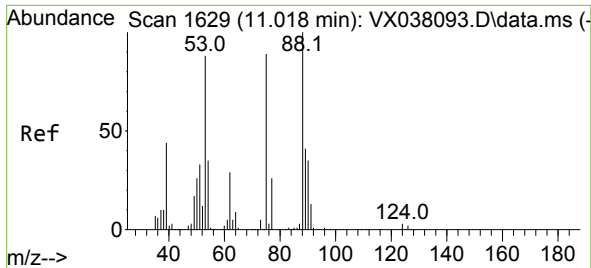
Tgt Ion:152 Resp: 203291
Ion Ratio Lower Upper
152 100
115 57.9 43.3 129.9
150 155.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038596.D
Acq: 27 Oct 2023 12:44

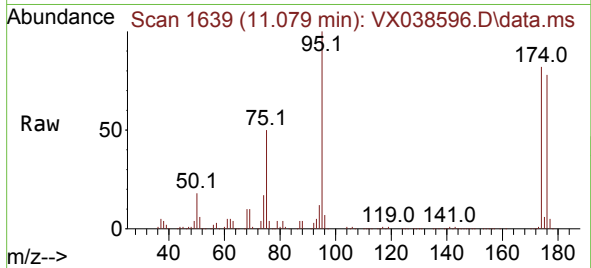
Tgt Ion: 75 Resp: 102596
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.625 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038596.D
 Acq: 27 Oct 2023 12:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 102596
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#

