

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038208.D
 Acq On : 10 Oct 2023 17:52
 Operator : JC/MD
 Sample : 04782-17 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 01:41:10 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)

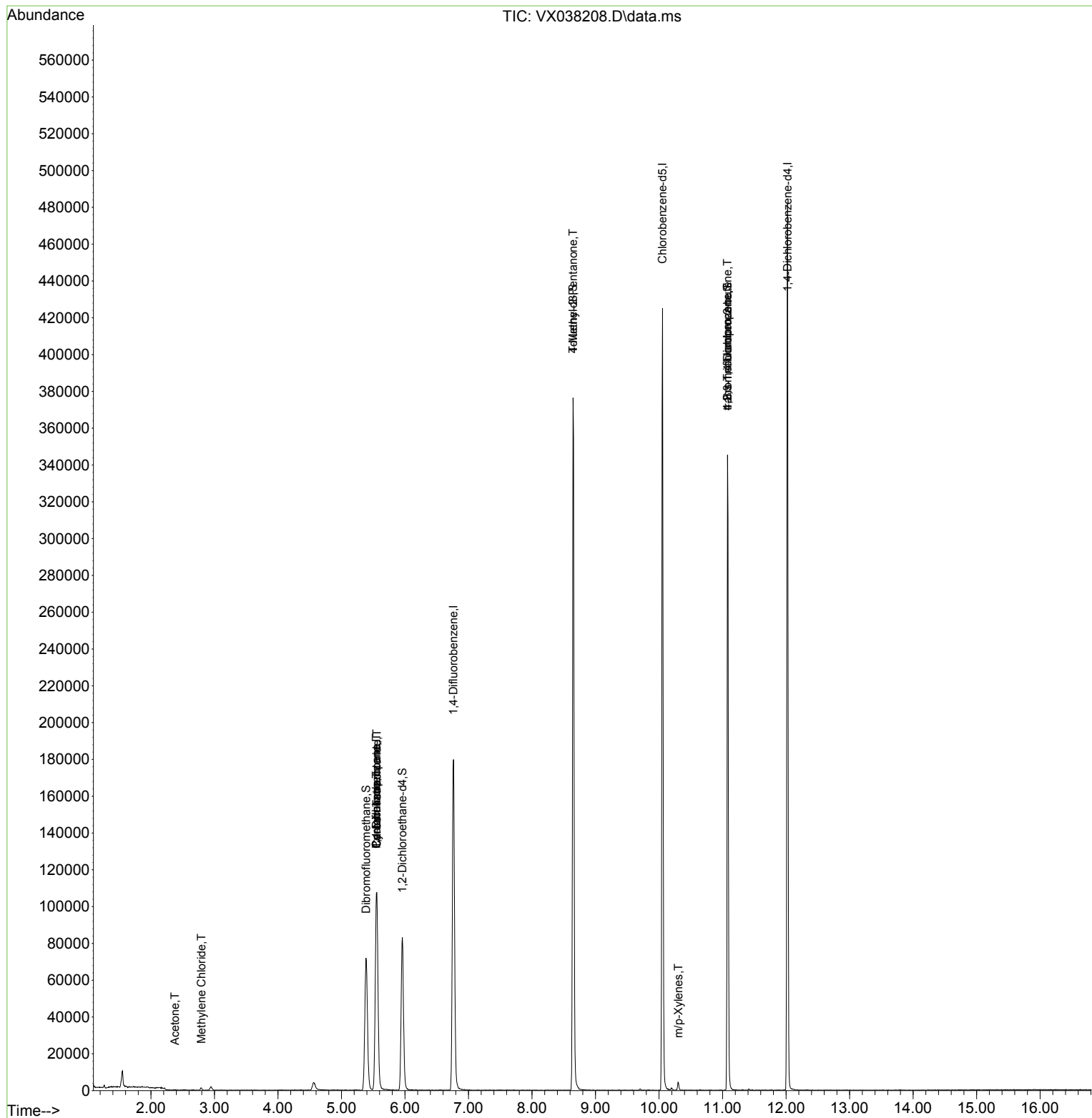
Internal Standards						
1) Pentafluorobenzene	5.550	168	105394	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	186005	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77883	45.943	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.880%
35) Dibromofluoromethane	5.385	113	61901	46.185	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	8.647	98	230785	45.062	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.120%#
62) 4-Bromofluorobenzene	11.079	95	86142	44.366	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	20	Below Cal	#	3
6) Chloroethane	1.666	64	134	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	1334	Below Cal	#	78
16) Acetone	2.379	43	332	0.469	ug/l #	47
20) Methylene Chloride	2.794	84	529	0.398	ug/l #	63
31) Cyclohexane	5.550	56	2373	1.292	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	8808	4.766	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10860	5.973	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1128	0.499	ug/l #	1
68) m/p-Xylenes	10.305	106	998	0.372	ug/l	77
76) 1,2,3-Trichloropropane	11.079	75	49390	22.407	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49390	64.183	ug/l #	5

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

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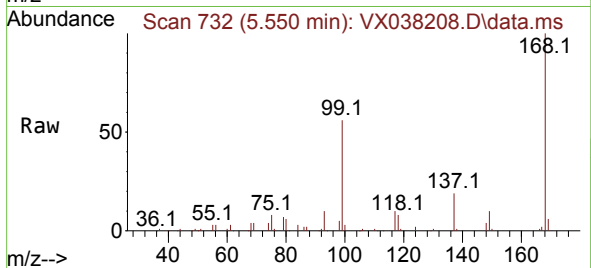
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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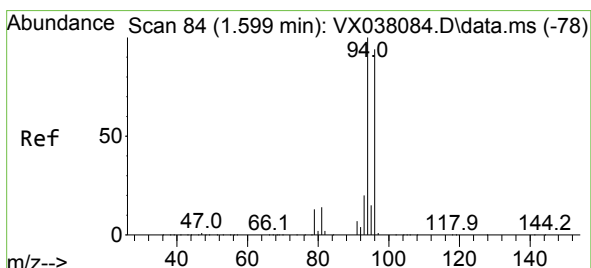
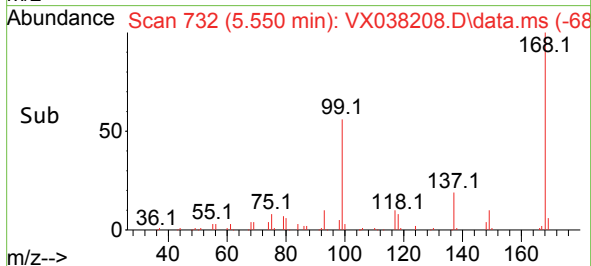
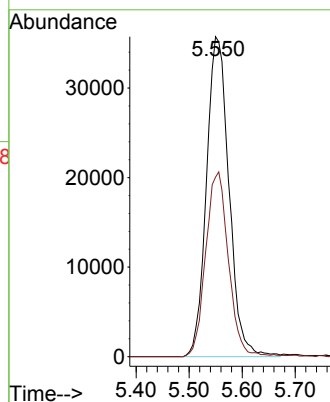


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :

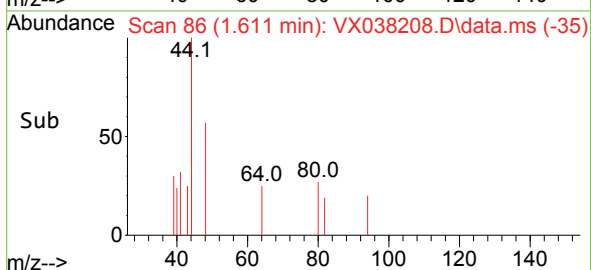
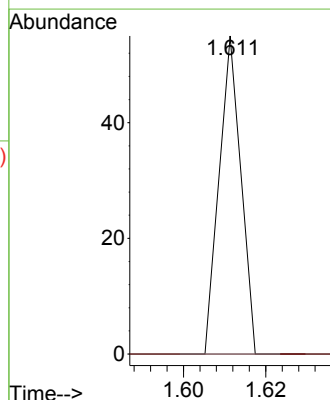
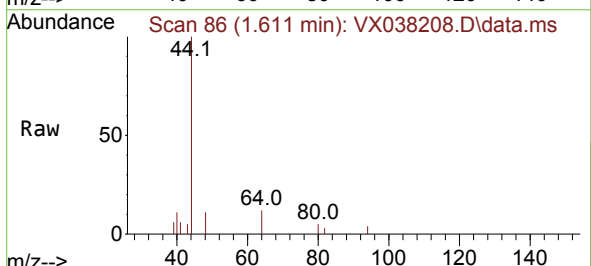


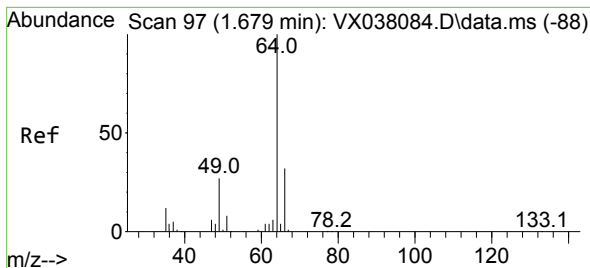
Tgt Ion:168 Resp: 105394
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.666 min Scan# 91

Delta R.T. -0.013 min

Lab File: VX038208.D

Acq: 10 Oct 2023 17:52

Instrument :

MSVOA_X

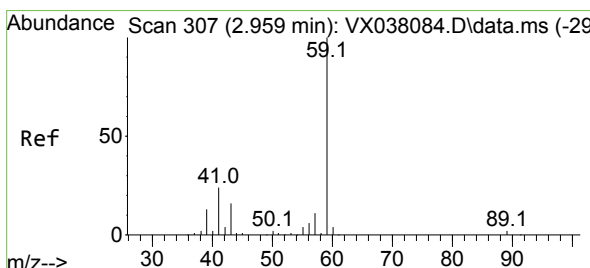
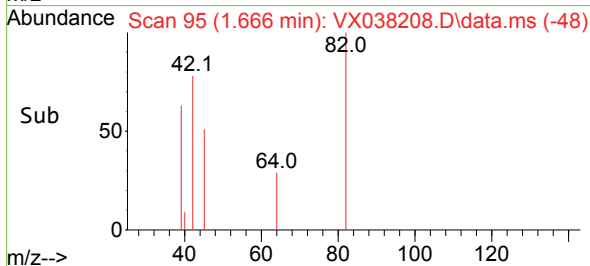
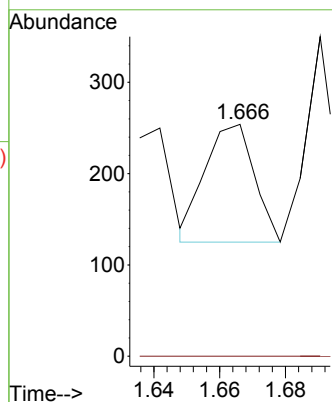
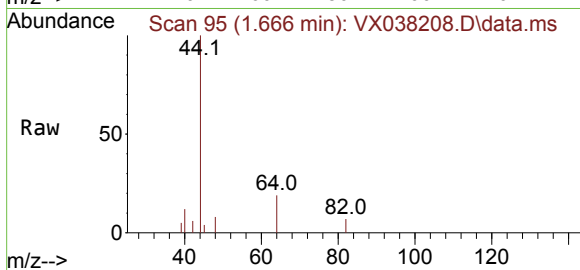
ClientSampleId :

Tgt Ion: 64 Resp: 134

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.013 min

Lab File: VX038208.D

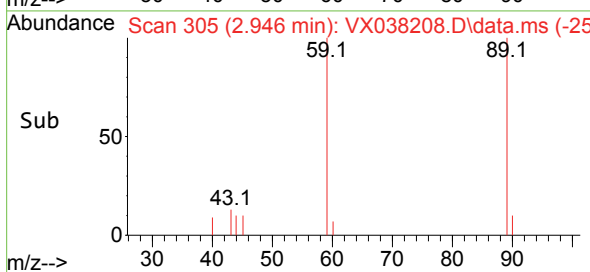
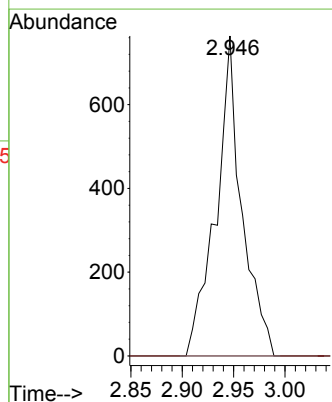
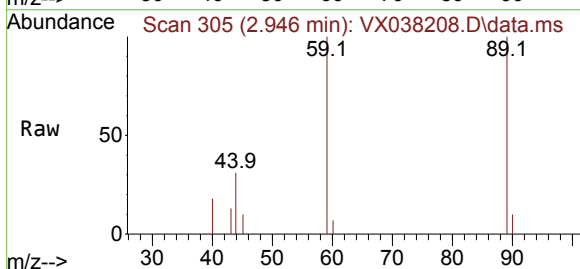
Acq: 10 Oct 2023 17:52

Tgt Ion: 59 Resp: 1334

Ion Ratio Lower Upper

59 100

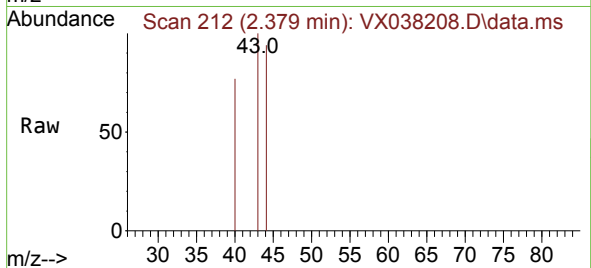
57 0.0 6.0 9.0#



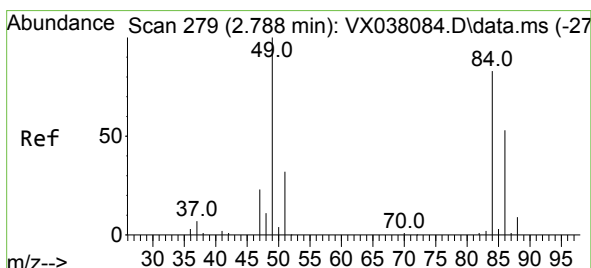
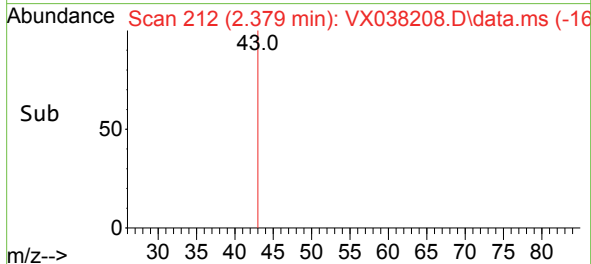
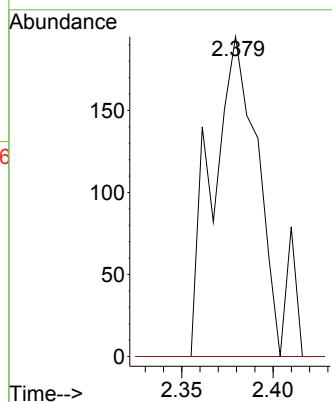


#16
Acetone
Concen: 0.469 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :

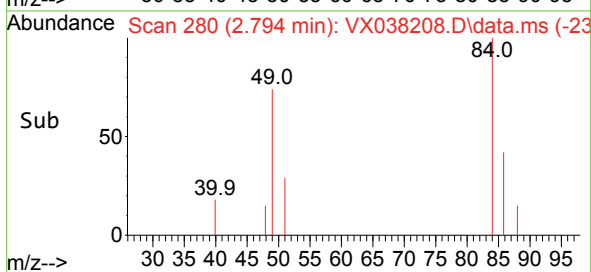
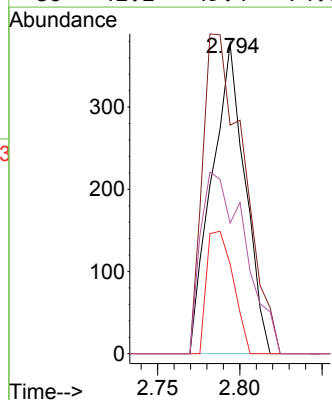
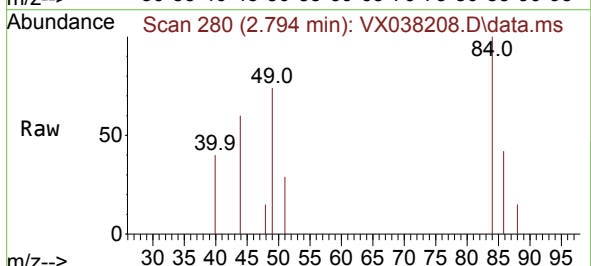


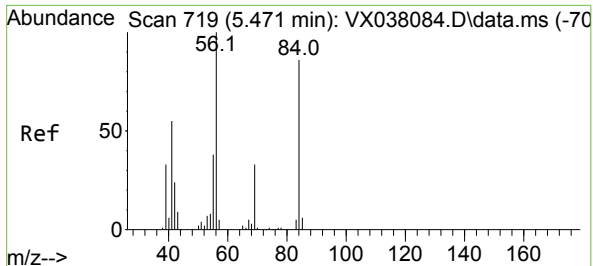
Tgt Ion: 43 Resp: 332
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

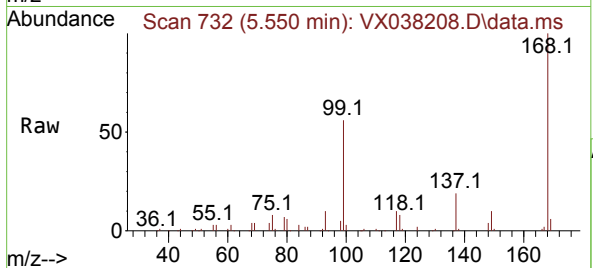
Tgt Ion: 84 Resp: 529
Ion Ratio Lower Upper
84 100
49 73.7 103.6 155.4#
51 28.9 33.8 50.6#
86 42.2 49.4 74.0#



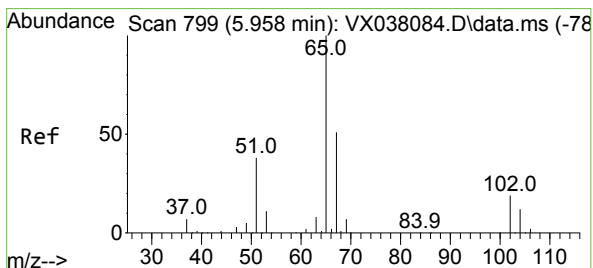
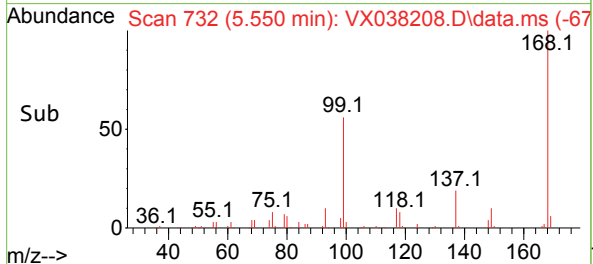
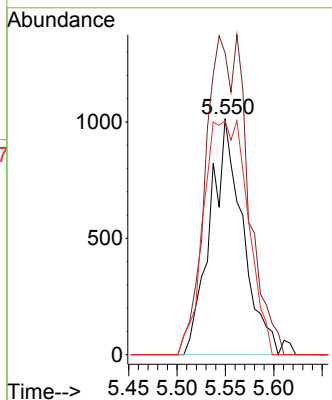


#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :

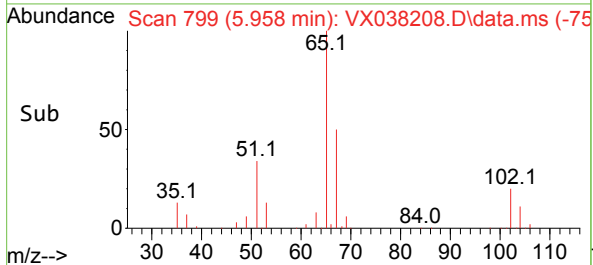
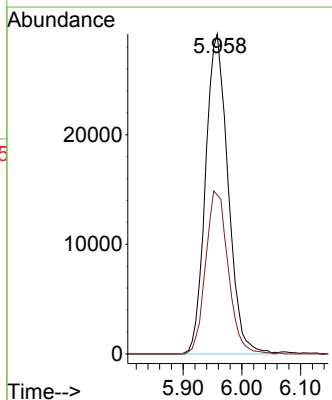
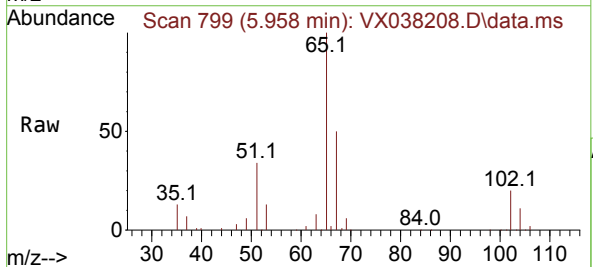


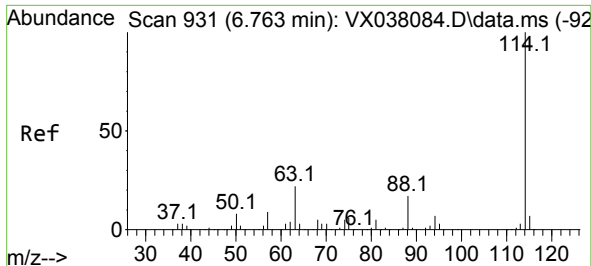
Tgt Ion: 56 Resp: 2373
Ion Ratio Lower Upper
56 100
69 127.9 23.4 35.2#
84 99.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.943 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Tgt Ion: 65 Resp: 77883
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

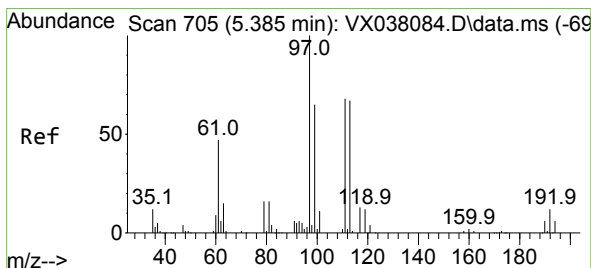
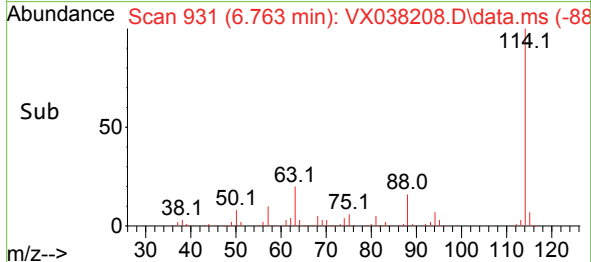
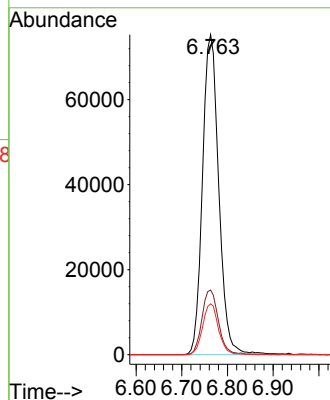
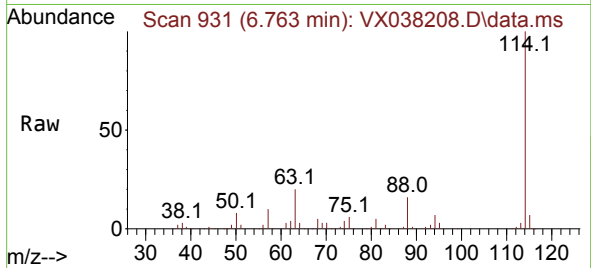




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

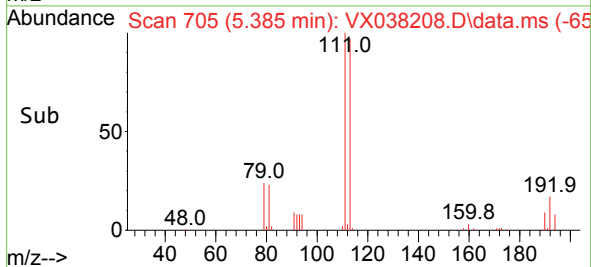
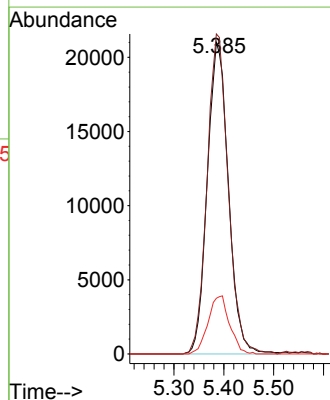
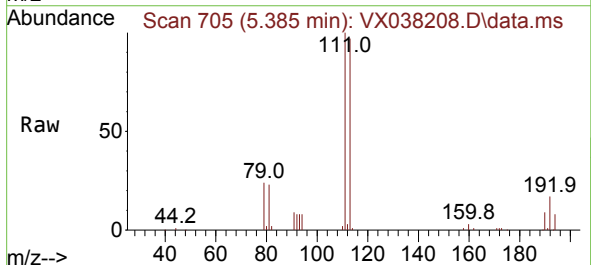
Instrument :
MSVOA_X
ClientSampleId :

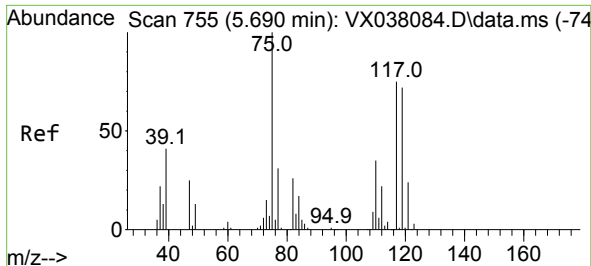
Tgt Ion:114 Resp: 186005
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.185 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

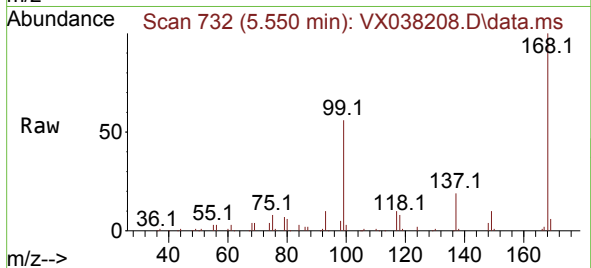
Tgt Ion:113 Resp: 61901
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.9 13.3 19.9



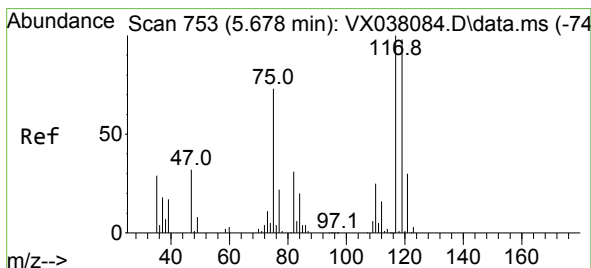
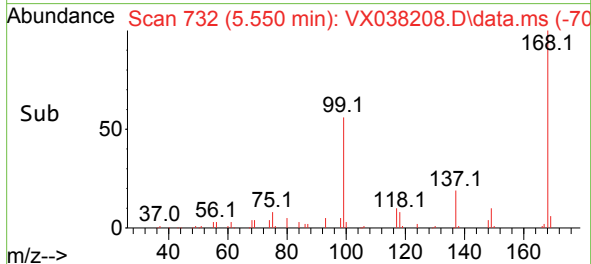
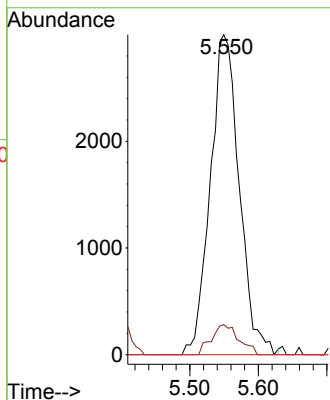


#36
1,1-Dichloropropene
Concen: 4.766 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :

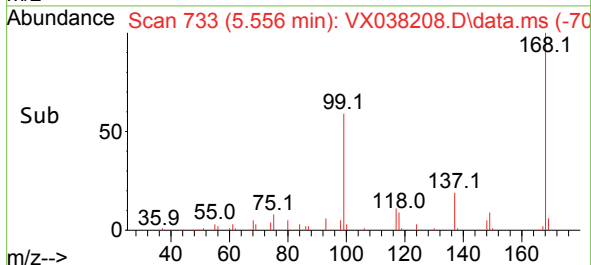
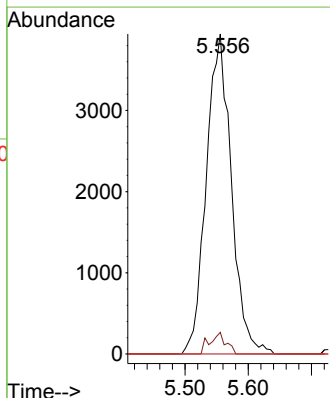
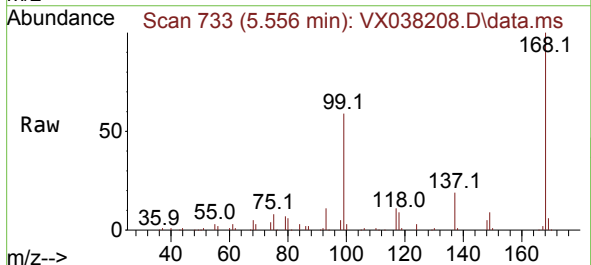


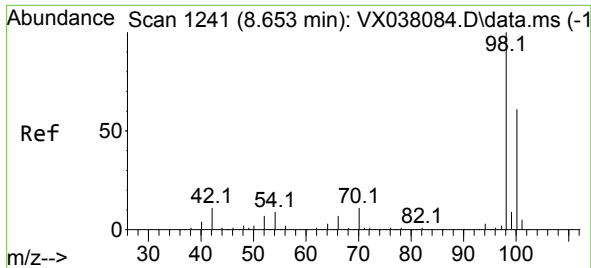
Tgt Ion: 75 Resp: 8808
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Tgt Ion: 117 Resp: 10860
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.2#
121 0.0 24.4 36.6#

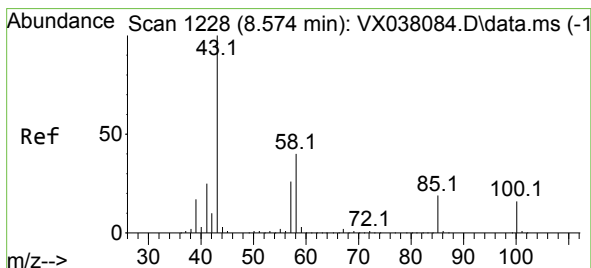
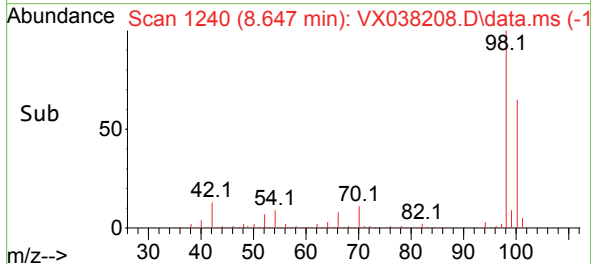
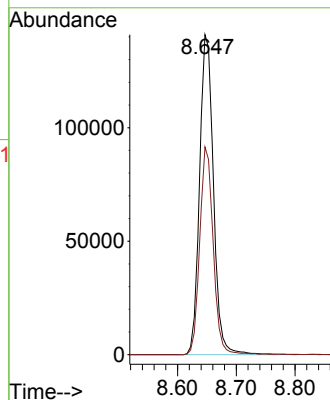
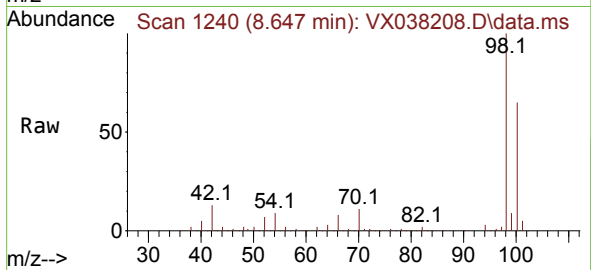




#50
Toluene-d8
Concen: 45.062 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

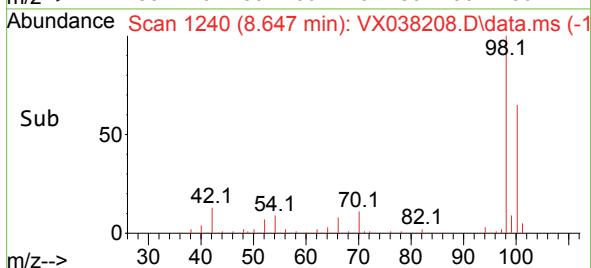
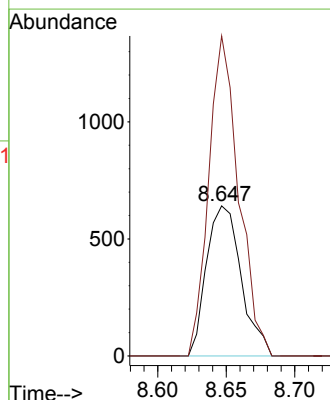
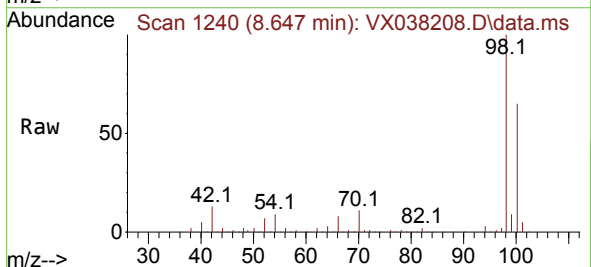
Instrument :
MSVOA_X
ClientSampleId :

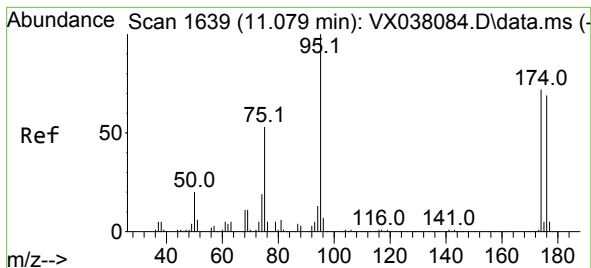
Tgt Ion: 98 Resp: 230785
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 184.7 30.4 45.6#

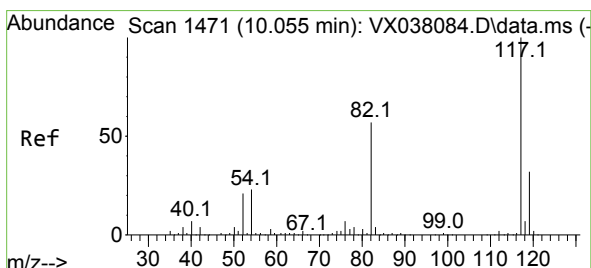
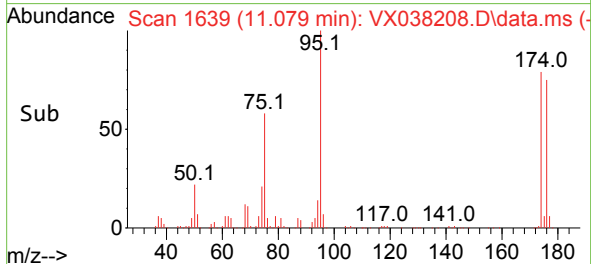
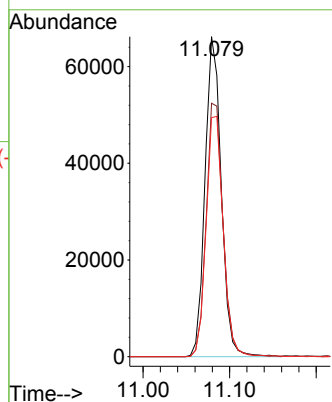
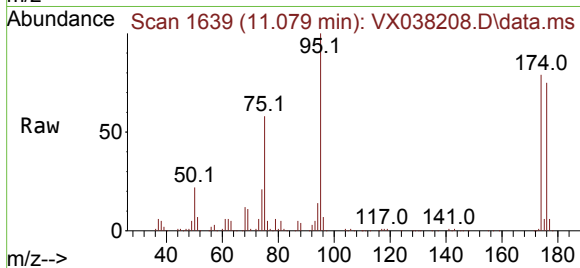




#62
4-Bromofluorobenzene
Concen: 44.366 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

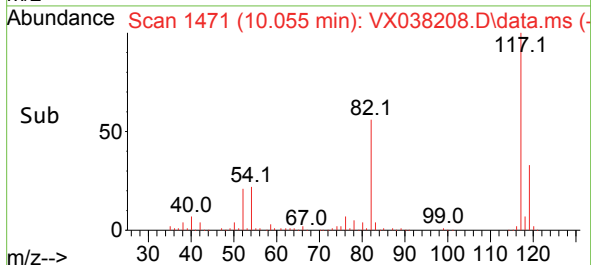
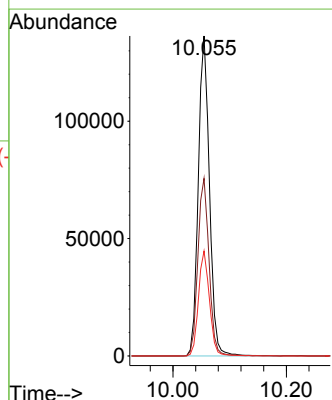
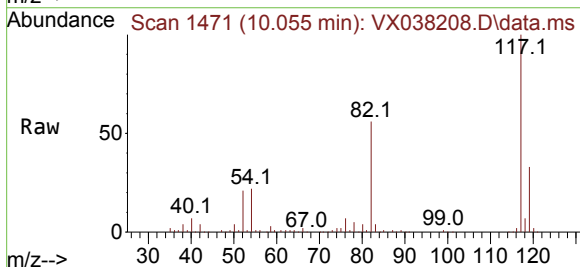
Instrument :
MSVOA_X
ClientSampleId :

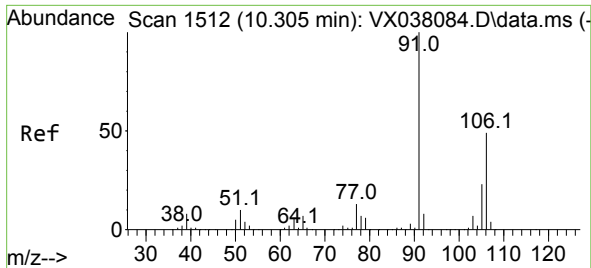
Tgt Ion: 95 Resp: 86142
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 79.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Tgt Ion: 117 Resp: 185816
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.8 25.5 38.3

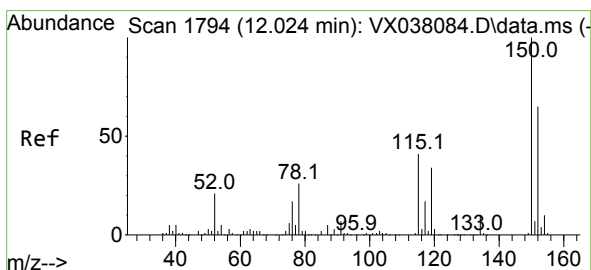
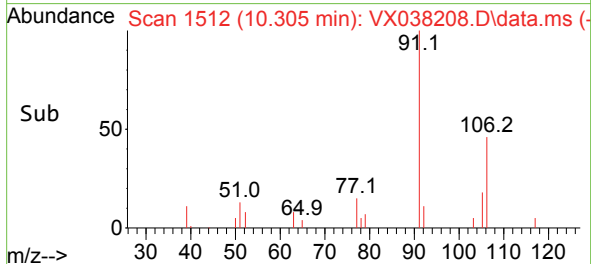
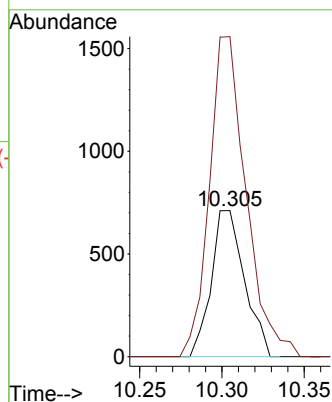
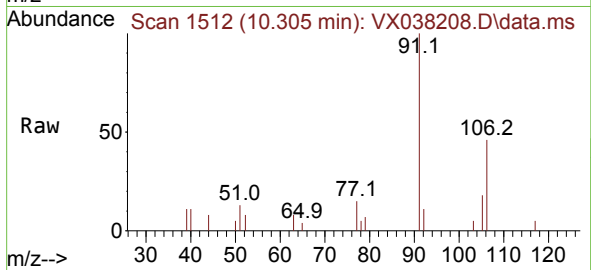




#68
m/p-Xylenes
Concen: 0.372 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

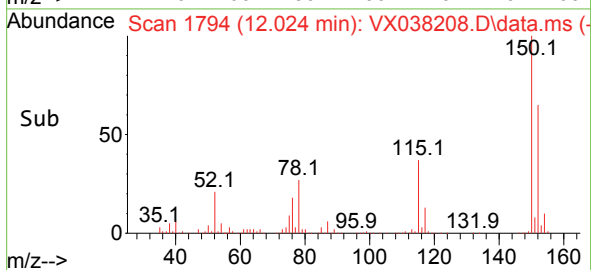
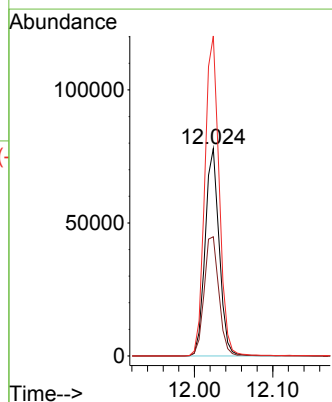
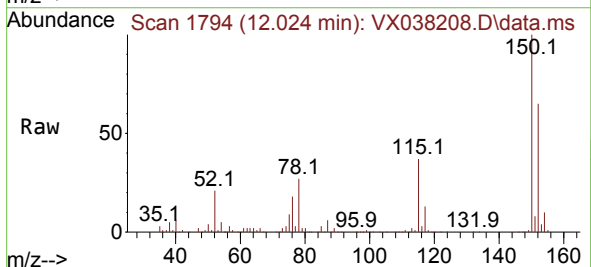
Instrument :
MSVOA_X
ClientSampleId :

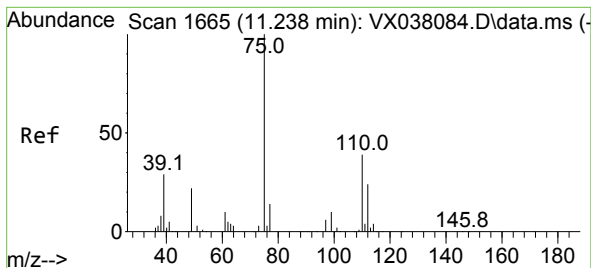
Tgt Ion:106 Resp: 998
Ion Ratio Lower Upper
106 100
91 242.3 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038208.D
Acq: 10 Oct 2023 17:52

Tgt Ion:152 Resp: 96958
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.407 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038208.D

Acq: 10 Oct 2023 17:52

Instrument :

MSVOA_X

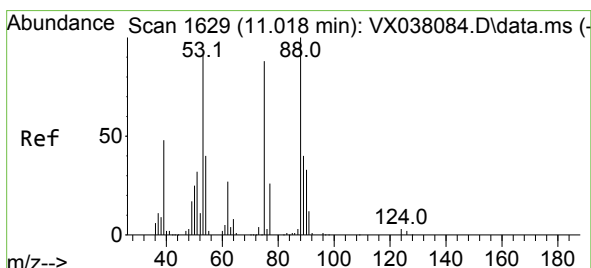
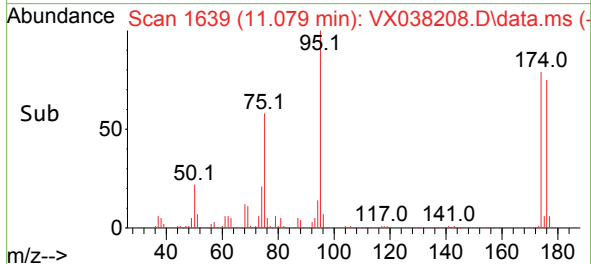
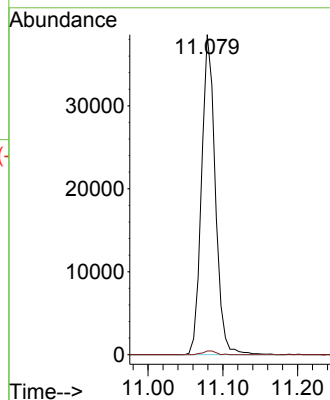
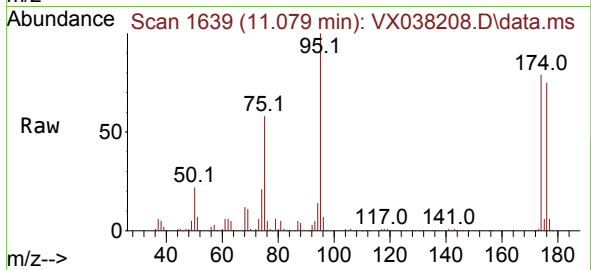
ClientSampleId :

Tgt Ion: 75 Resp: 49390

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.183 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038208.D

Acq: 10 Oct 2023 17:52

Tgt Ion: 75 Resp: 49390

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

