

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038601.D
 Acq On : 27 Oct 2023 14:39
 Operator : JC/MD
 Sample : 05063-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:30:44 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)

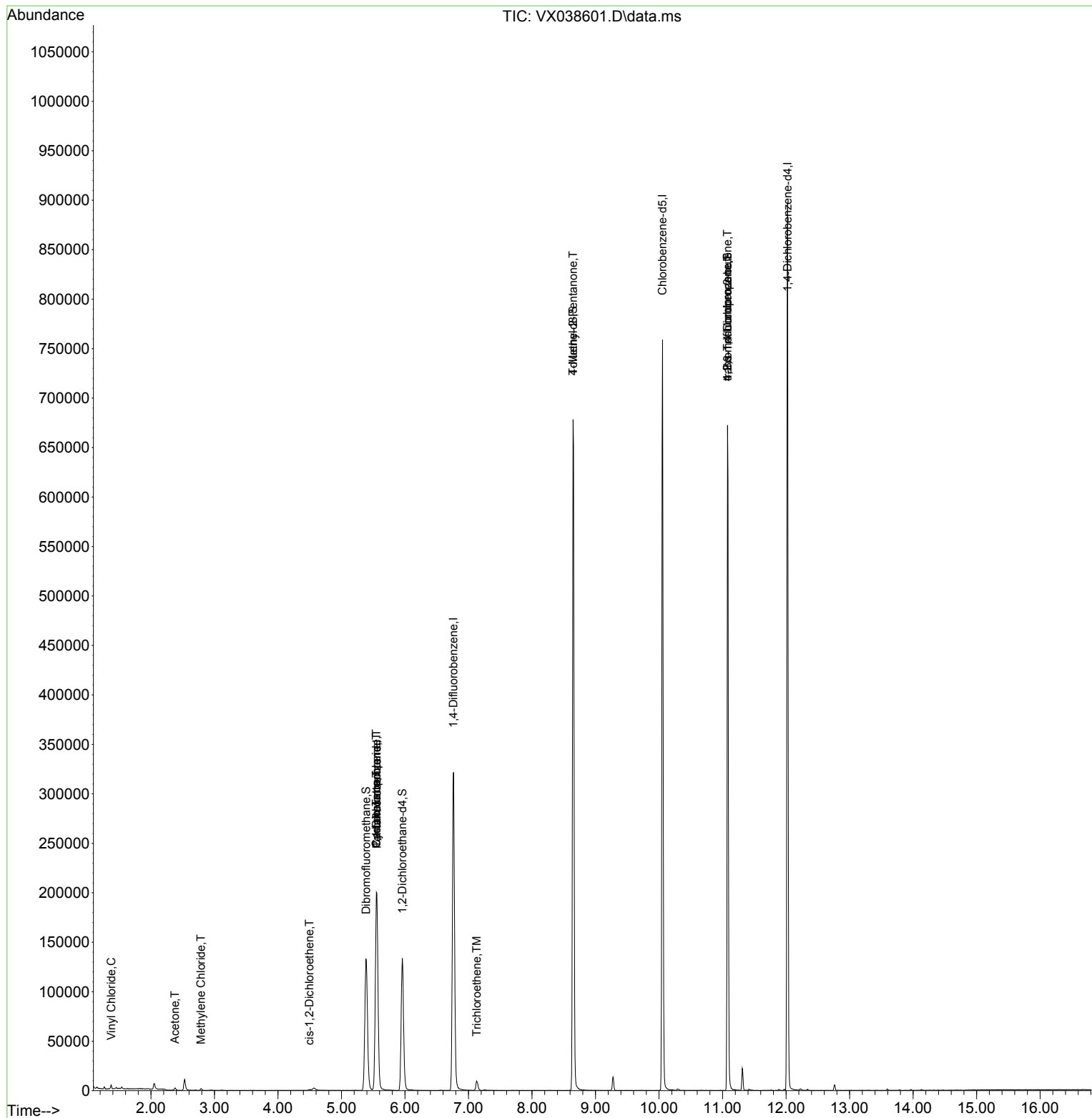
Internal Standards						
1) Pentafluorobenzene	5.556	168	202850	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	341762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129730	39.761	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.520%
35) Dibromofluoromethane	5.385	113	116446	47.286	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	429211	45.611	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.220%#
62) 4-Bromofluorobenzene	11.079	95	177106	49.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.280%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2150	0.972	ug/l	99
5) Bromomethane	1.624	94	88	Below Cal	#	3
6) Chloroethane	1.660	64	89	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	266	Below Cal	#	78
16) Acetone	2.379	43	2448	1.798	ug/l	100
20) Methylene Chloride	2.788	84	849	0.331	ug/l	# 71
27) cis-1,2-Dichloroethene	4.495	96	670	0.245	ug/l	59
31) Cyclohexane	5.550	56	3770	1.067	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	14291	4.208	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	19439	5.819	ug/l	# 15
44) Trichloroethene	7.129	130	4070	1.638	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1632	0.393	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	90010	19.752	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	90010	57.056	ug/l	# 5

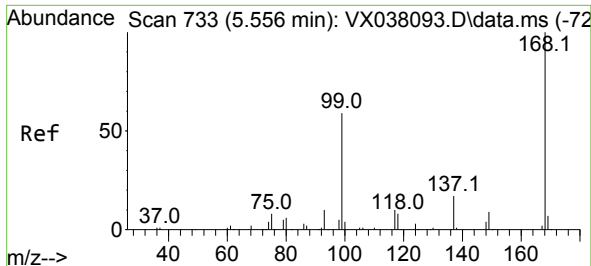
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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: VX038601.D

Acq: 27 Oct 2023 14:39

Instrument :

MSVOA_X

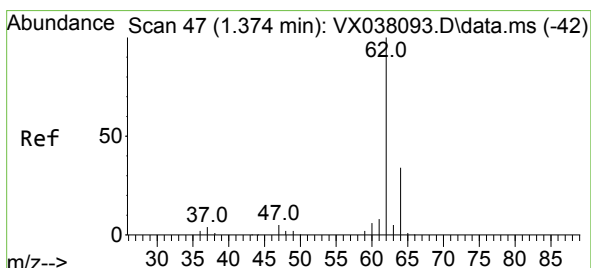
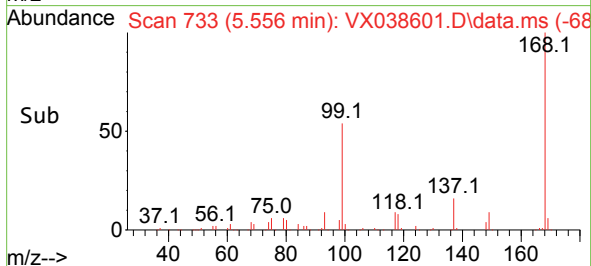
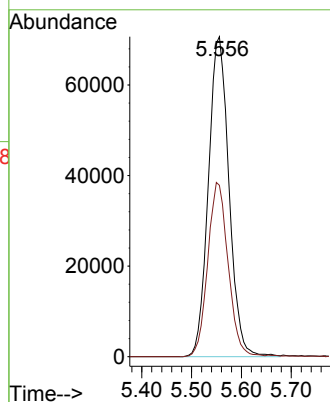
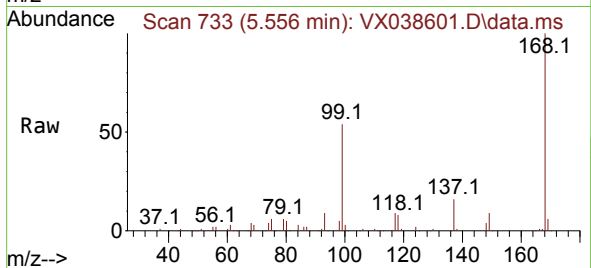
ClientSampleId :

Tgt Ion:168 Resp: 202850

Ion Ratio Lower Upper

168 100

99 53.6 56.6 85.0#



#4

Vinyl Chloride

Concen: 0.972 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038601.D

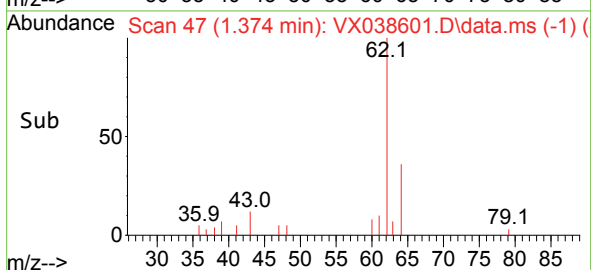
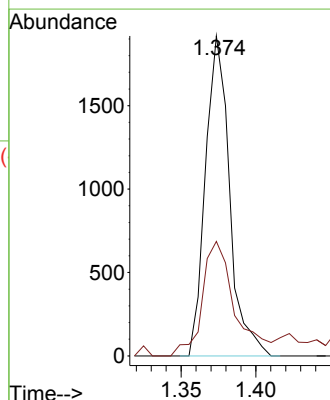
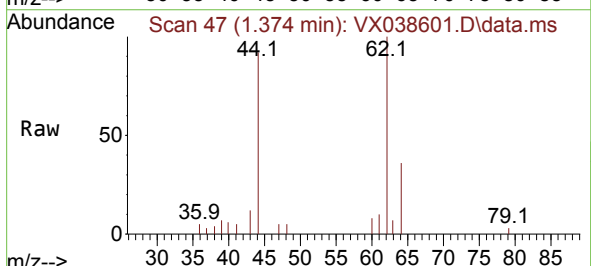
Acq: 27 Oct 2023 14:39

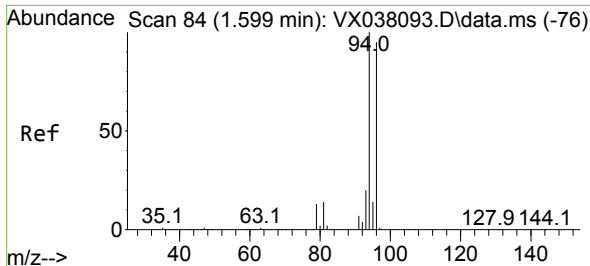
Tgt Ion: 62 Resp: 2150

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0

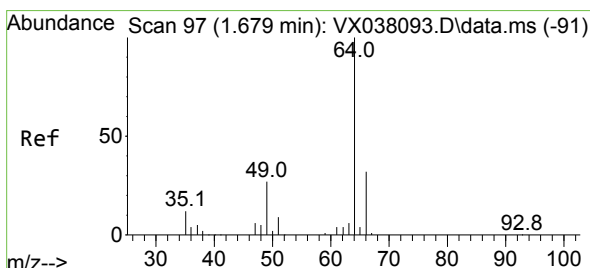
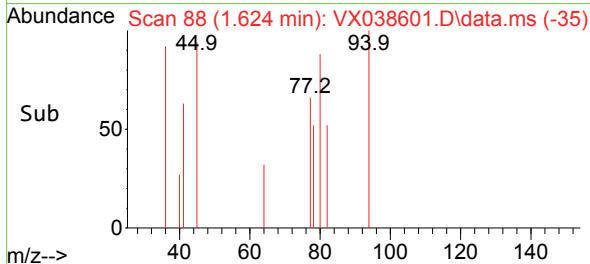
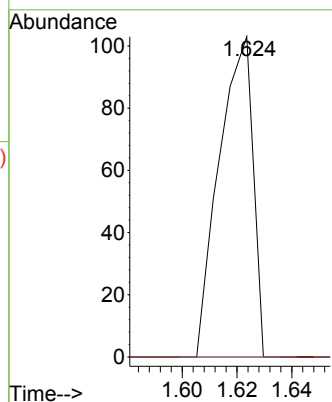
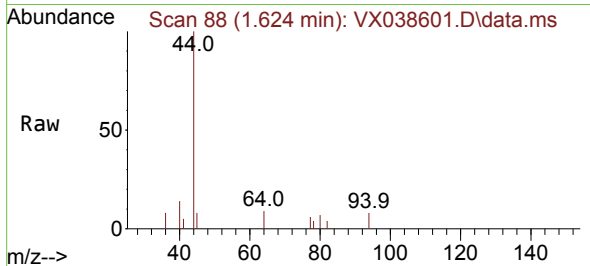




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.025 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

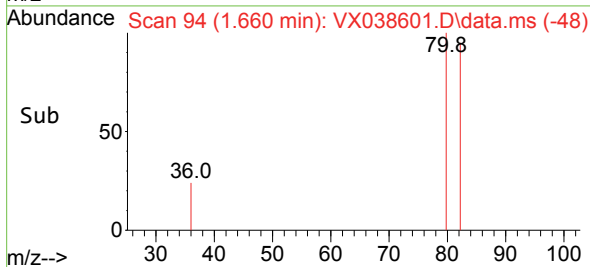
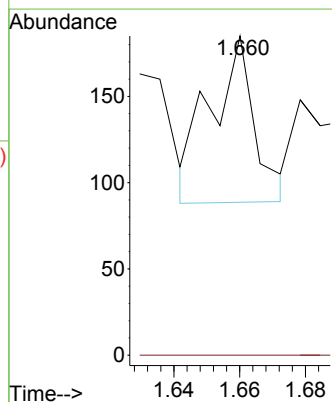
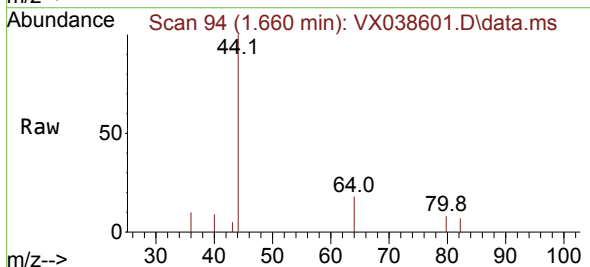
Instrument :
MSVOA_X
ClientSampleId :

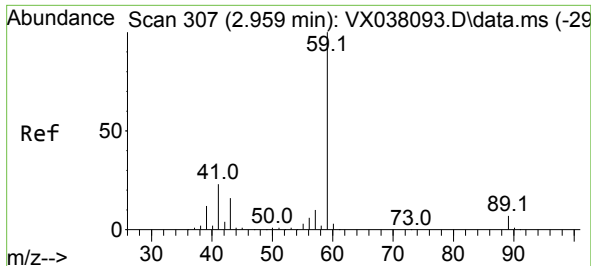
Tgt Ion: 94 Resp: 88
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

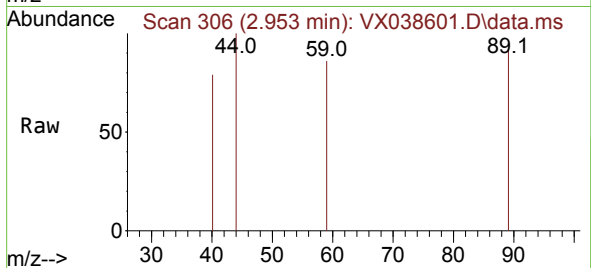
Tgt Ion: 64 Resp: 89
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



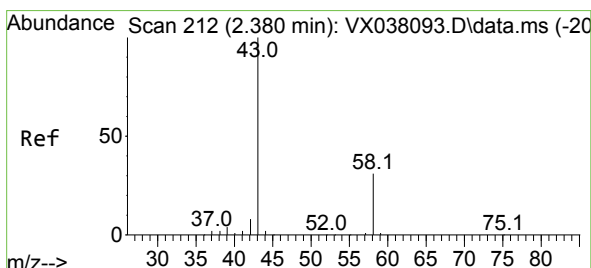
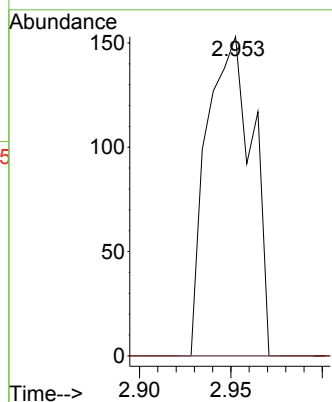
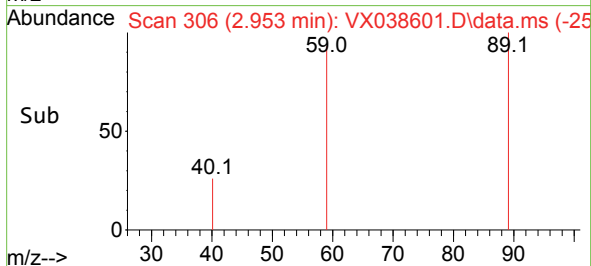


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

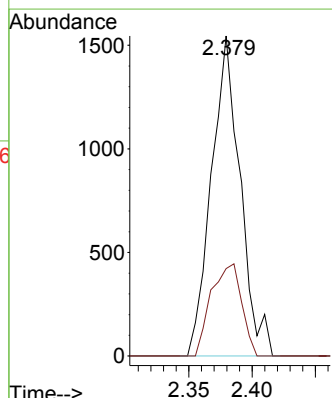
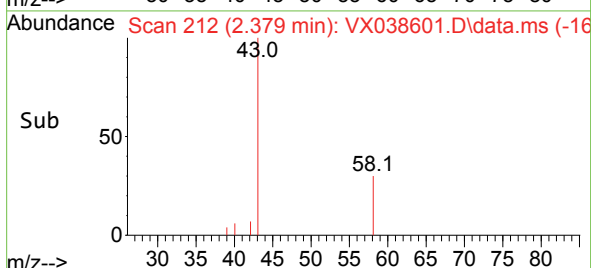
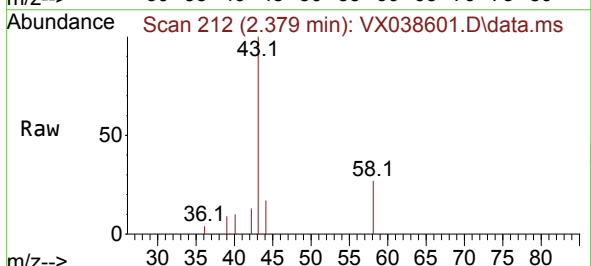


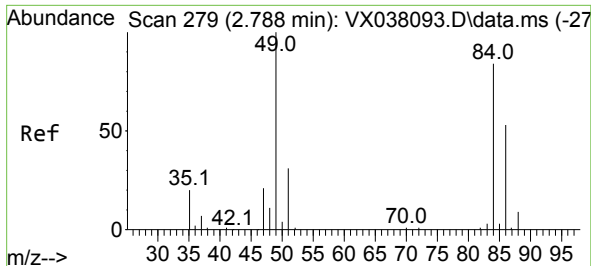
Tgt Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.798 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

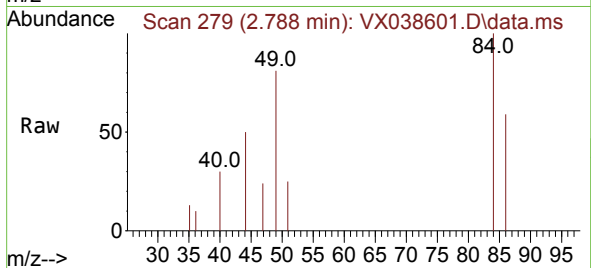
Tgt Ion: 43 Resp: 2448
Ion Ratio Lower Upper
43 100
58 27.3 21.9 32.9





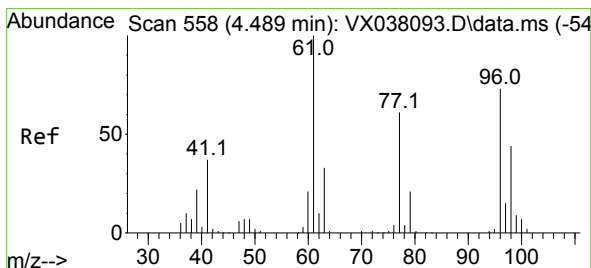
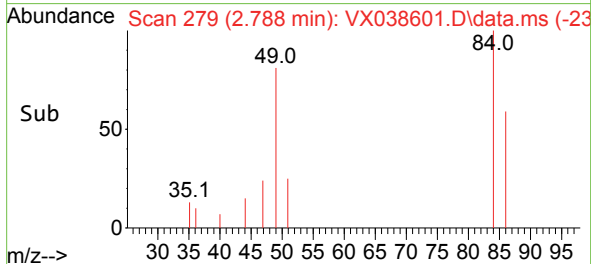
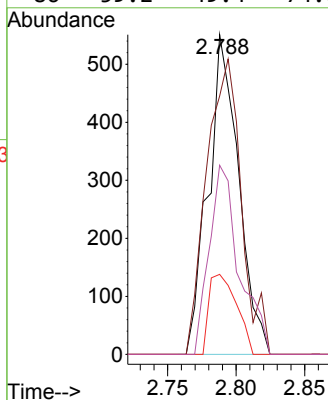
#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 849

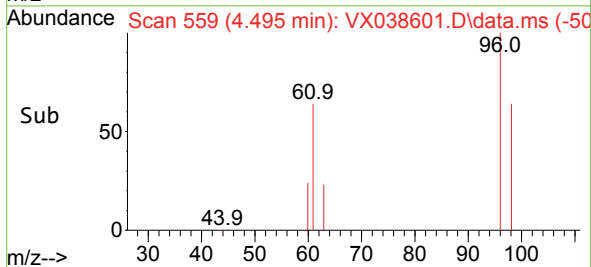
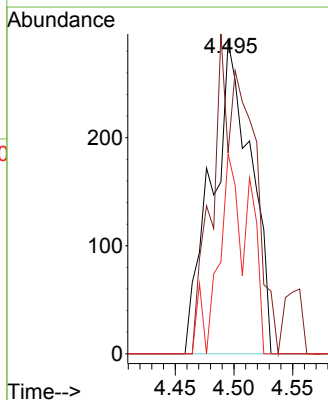
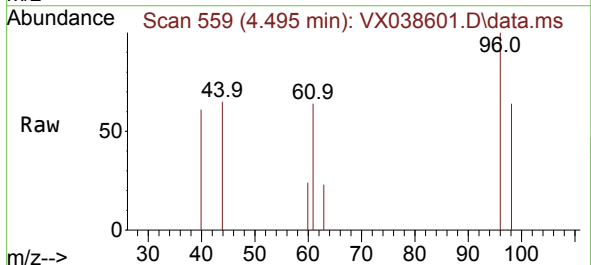
Ion	Ratio	Lower	Upper
84	100		
49	80.8	103.6	155.4#
51	25.0	33.8	50.6#
86	59.2	49.4	74.0

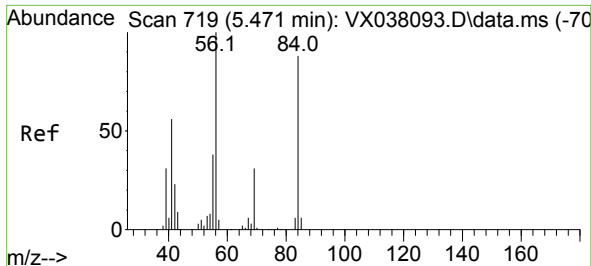


#27
cis-1,2-Dichloroethene
Concen: 0.245 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

Tgt Ion: 96 Resp: 670

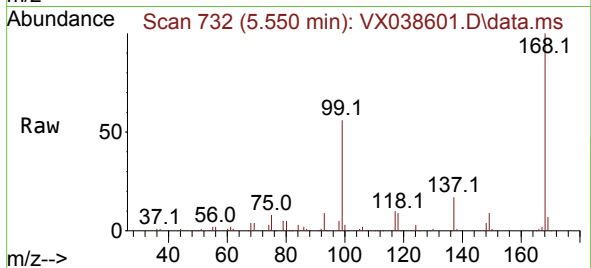
Ion	Ratio	Lower	Upper
96	100		
61	101.2	0.0	312.2
98	34.8	0.0	129.0



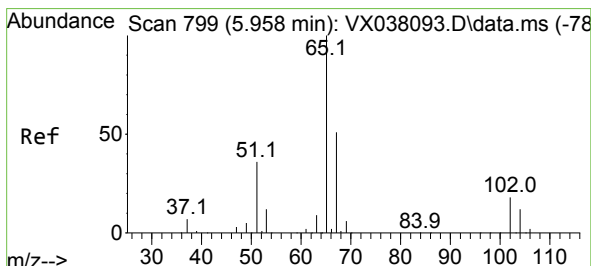
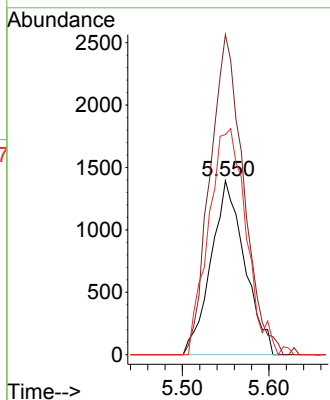
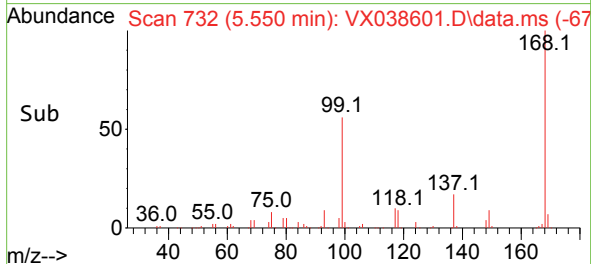


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

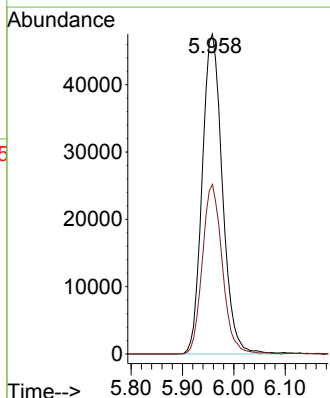
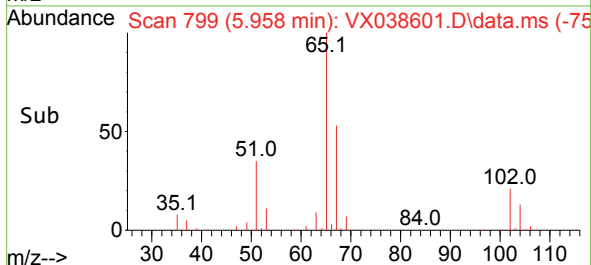
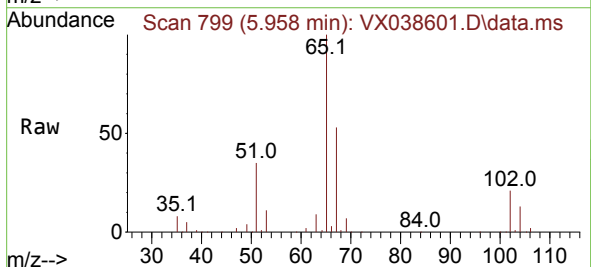


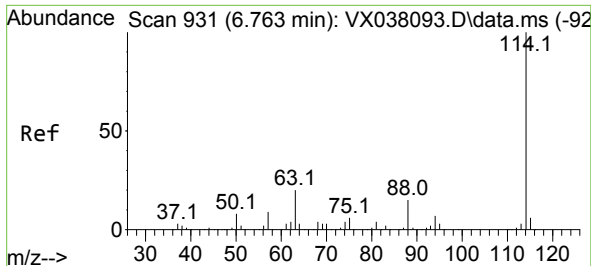
Tgt Ion: 56 Resp: 3770
Ion Ratio Lower Upper
56 100
69 183.9 23.4 35.2#
84 126.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.761 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

Tgt Ion: 65 Resp: 129730
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

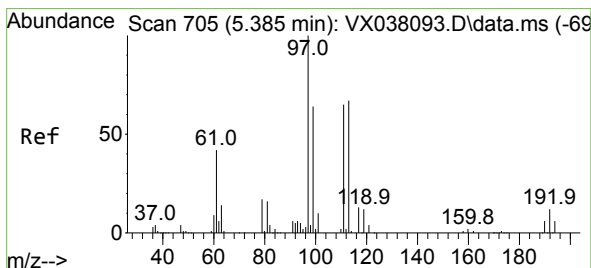
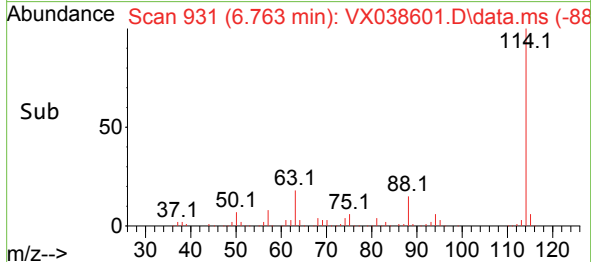
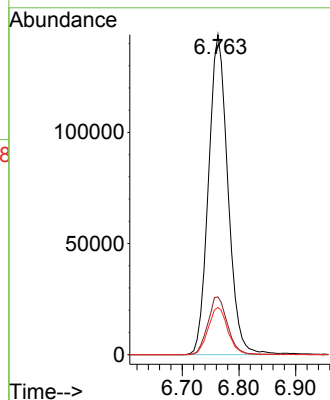
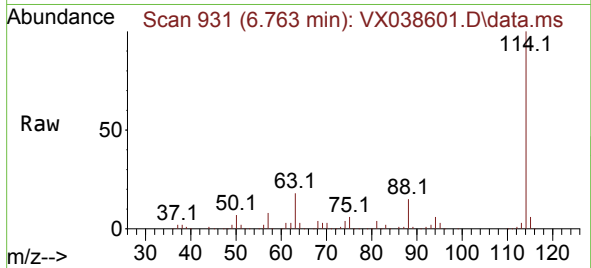




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

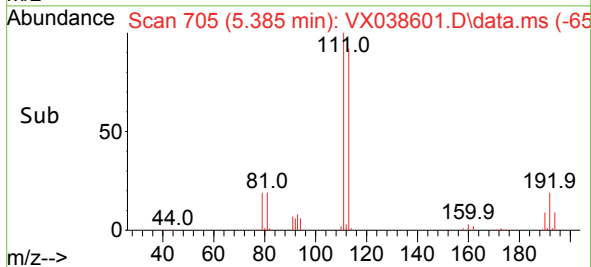
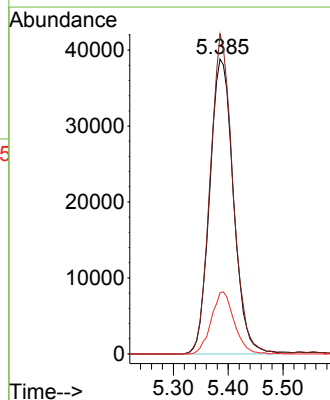
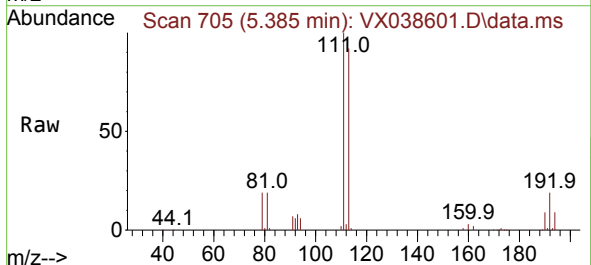
Instrument :
MSVOA_X
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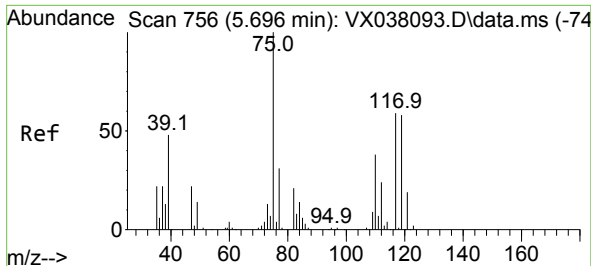
Tgt Ion:114 Resp: 341762
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.286 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

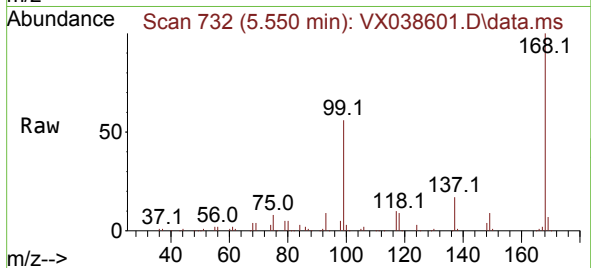
Tgt Ion:113 Resp: 116446
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 20.3 13.3 19.9#



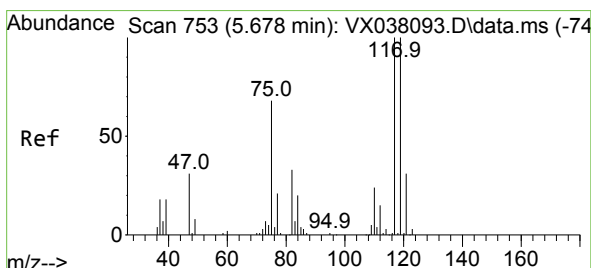
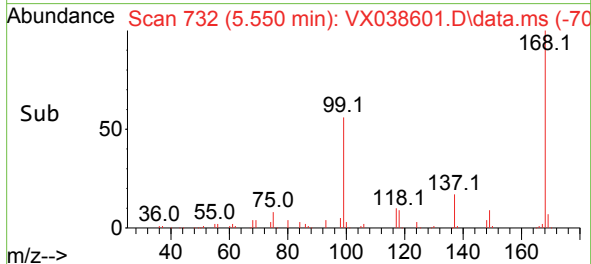
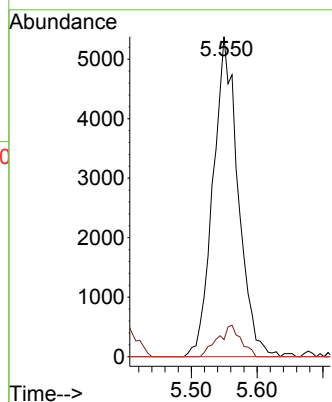


#36
1,1-Dichloropropene
Concen: 4.208 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :

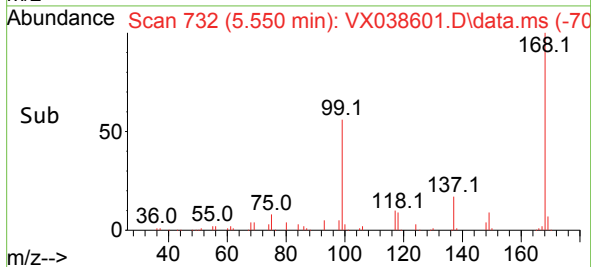
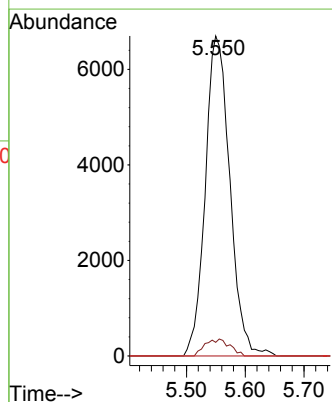
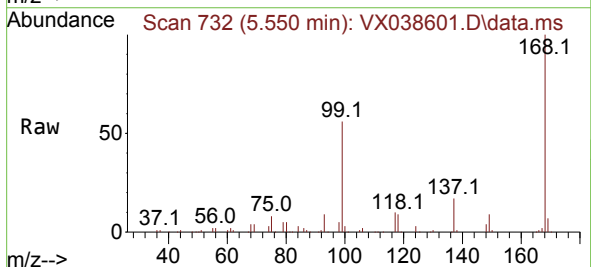


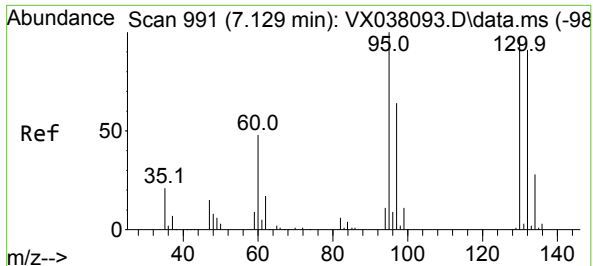
Tgt Ion: 75 Resp: 14291
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.819 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

Tgt Ion: 117 Resp: 19439
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

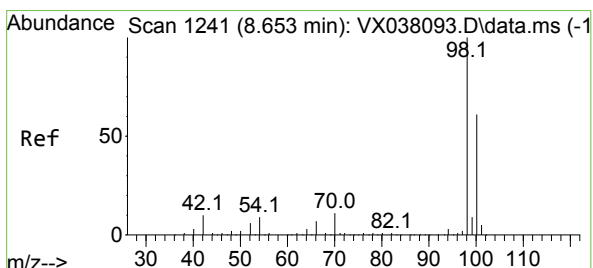
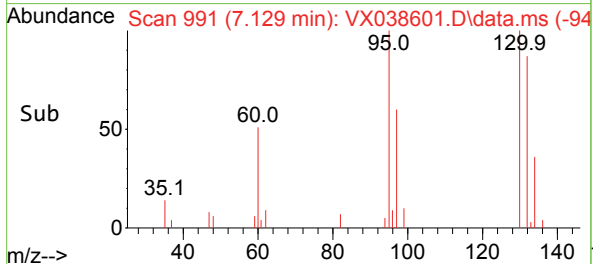
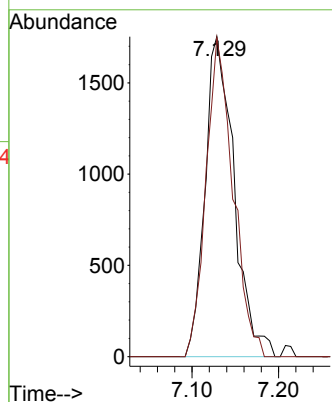
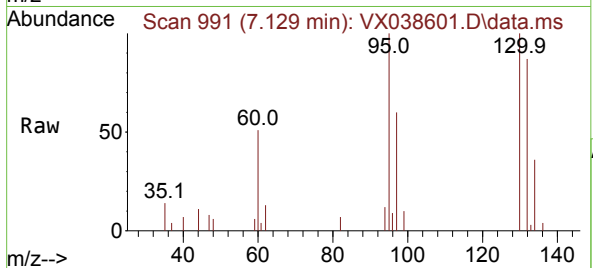




#44
Trichloroethene
Concen: 1.638 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

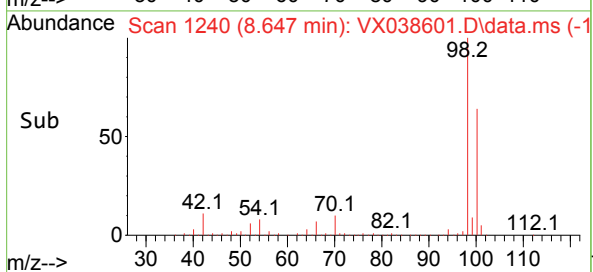
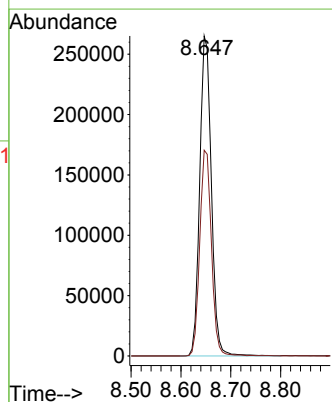
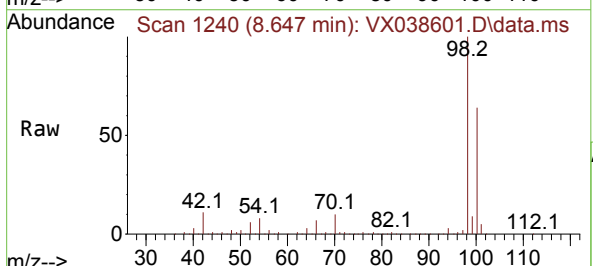
Instrument :
MSVOA_X
ClientSampleId :

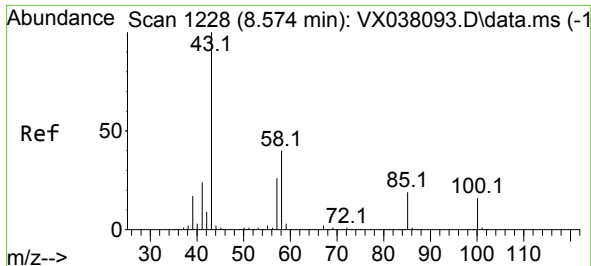
Tgt Ion:130 Resp: 4070
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.4



#50
Toluene-d8
Concen: 45.611 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

Tgt Ion: 98 Resp: 429211
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.393 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX038601.D

Acq: 27 Oct 2023 14:39

Instrument :

MSVOA_X

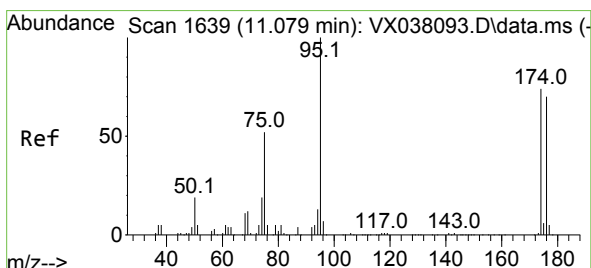
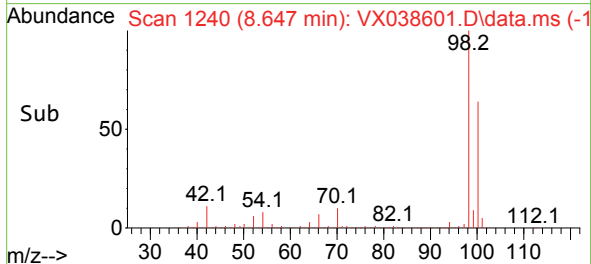
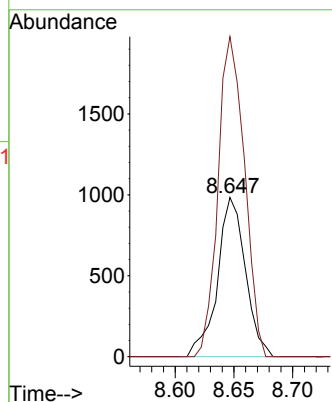
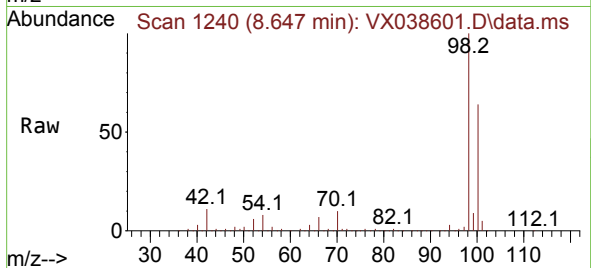
ClientSampleId :

Tgt Ion: 43 Resp: 1632

Ion Ratio Lower Upper

43 100

58 190.1 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.644 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038601.D

Acq: 27 Oct 2023 14:39

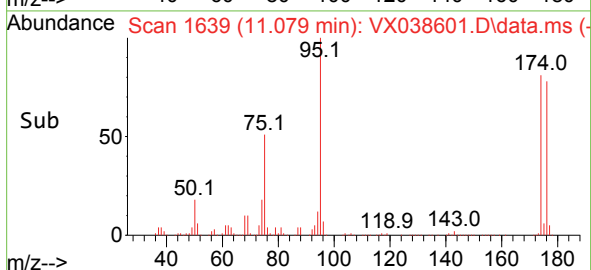
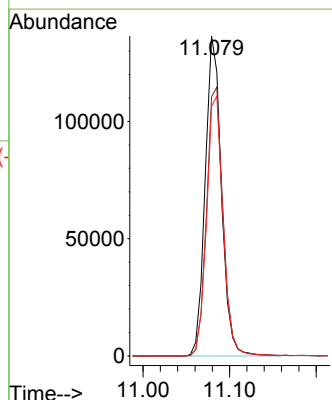
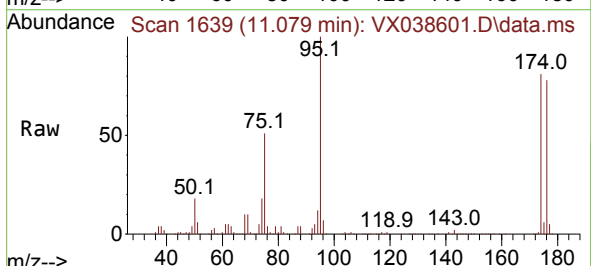
Tgt Ion: 95 Resp: 177106

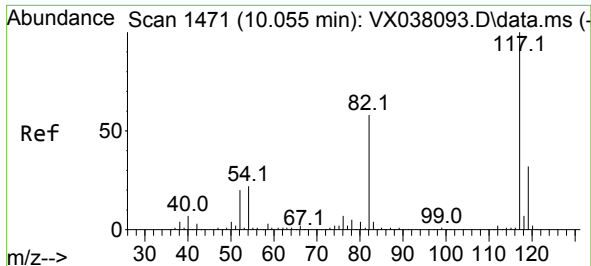
Ion Ratio Lower Upper

95 100

174 86.5 0.0 135.6

176 82.7 0.0 131.0

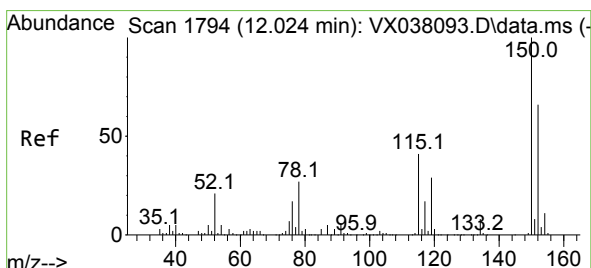
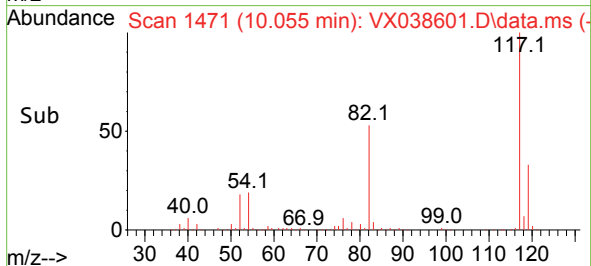
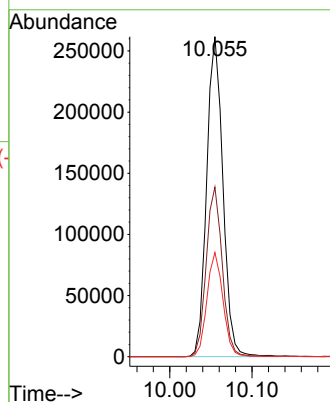
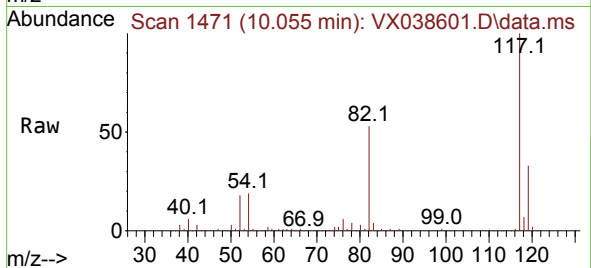




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

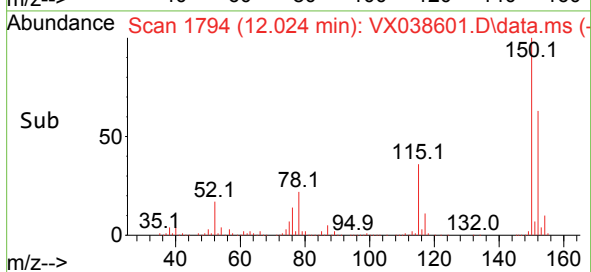
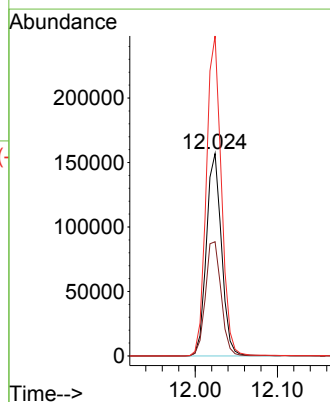
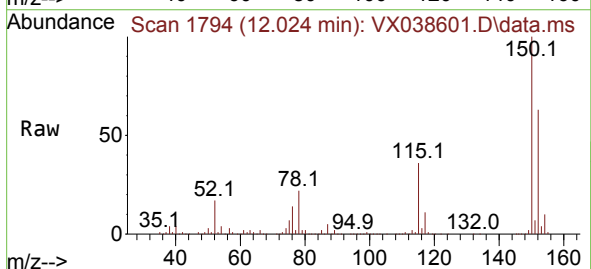
Instrument :
MSVOA_X
ClientSampleId :

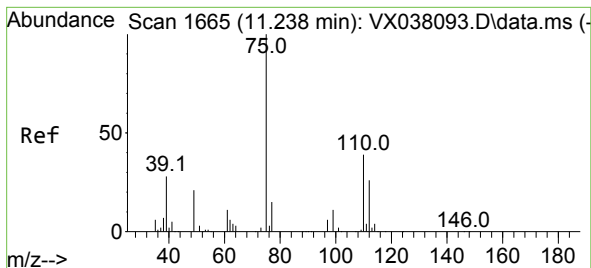
Tgt Ion:117 Resp: 359536
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038601.D
Acq: 27 Oct 2023 14:39

Tgt Ion:152 Resp: 200451
Ion Ratio Lower Upper
152 100
115 58.7 43.3 129.9
150 157.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.752 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038601.D

Acq: 27 Oct 2023 14:39

Instrument :

MSVOA_X

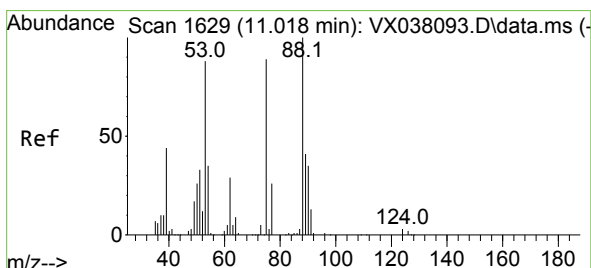
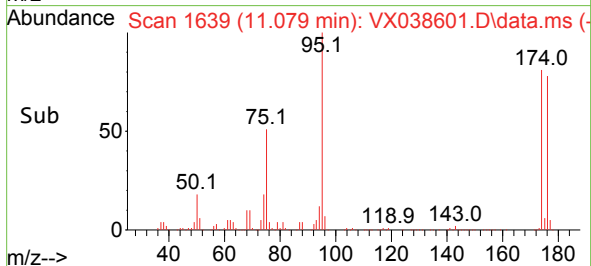
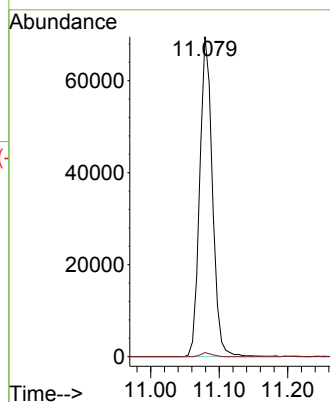
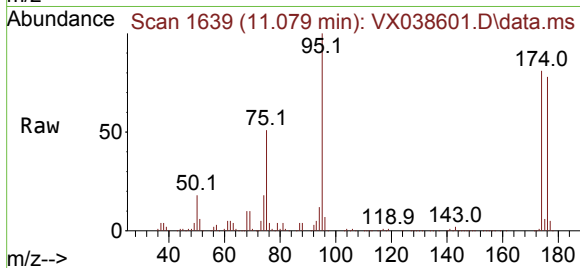
ClientSampleId :

Tgt Ion: 75 Resp: 90010

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.056 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038601.D

Acq: 27 Oct 2023 14:39

Tgt Ion: 75 Resp: 90010

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

