

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038530.D
 Acq On : 26 Oct 2023 20:02
 Operator : JC/MD
 Sample : 05097-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:22:41 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)

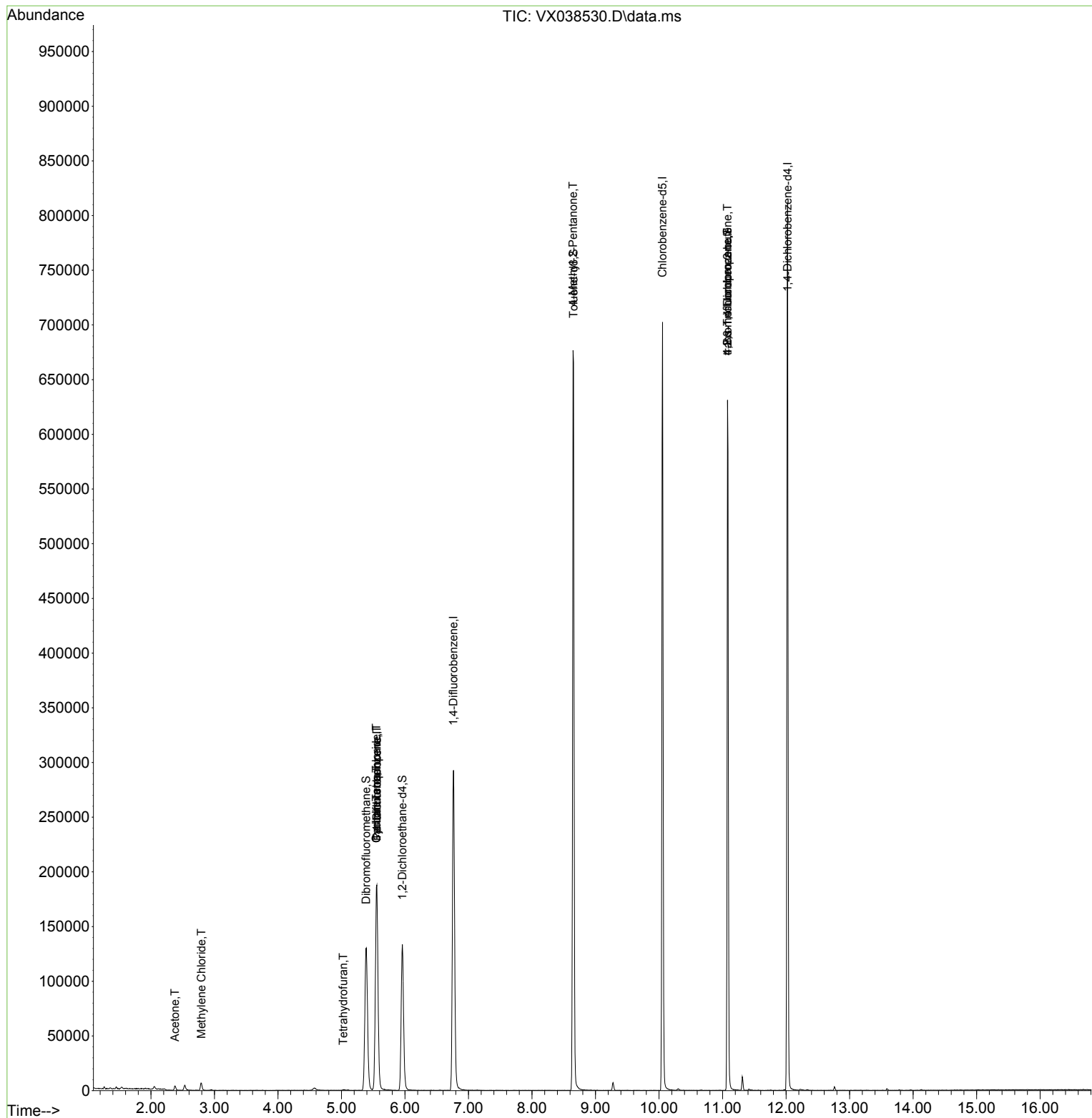
Internal Standards						
1) Pentafluorobenzene	5.556	168	188026	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	318927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128261	42.410	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.820%
35) Dibromofluoromethane	5.385	113	115225	50.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.280%
50) Toluene-d8	8.653	98	418784	47.689	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	166500	50.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	19	Below Cal	#	3
6) Chloroethane	1.685	64	244	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	505	Below Cal	#	78
16) Acetone	2.380	43	4322	3.424	ug/l #	81
20) Methylene Chloride	2.794	84	3458	1.457	ug/l #	85
29) Tetrahydrofuran	5.025	42	362	0.273	ug/l #	58
31) Cyclohexane	5.550	56	3775	1.152	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	13467	4.250	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17779	5.703	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1533	0.396	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85407	20.901	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	85407	60.141	ug/l #	5

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

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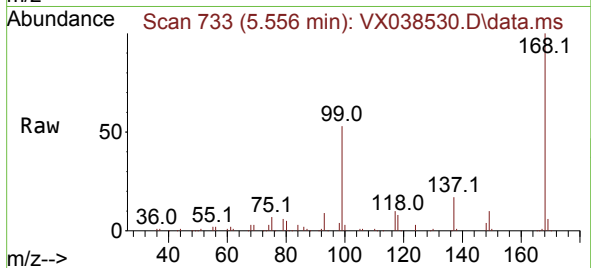
Quant Time: Oct 27 05:22:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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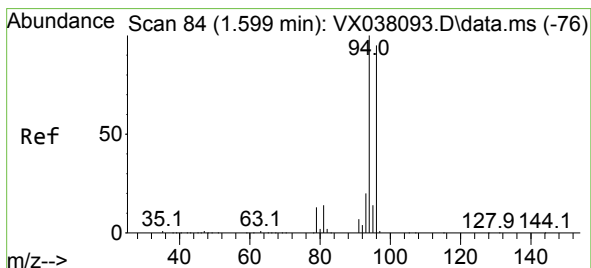
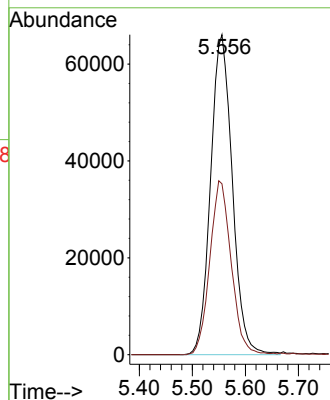
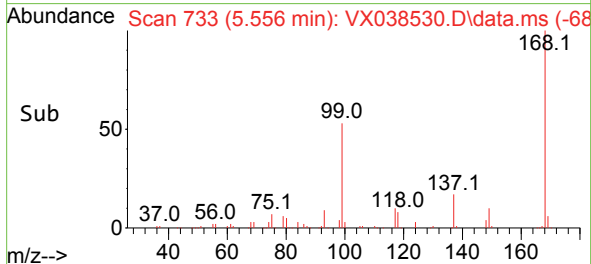


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :

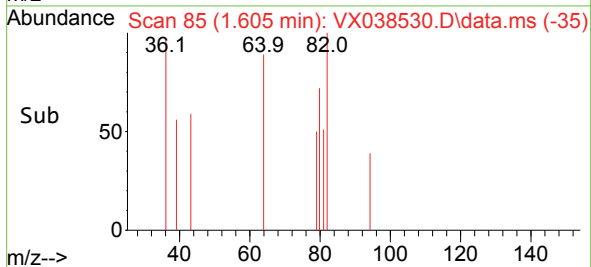
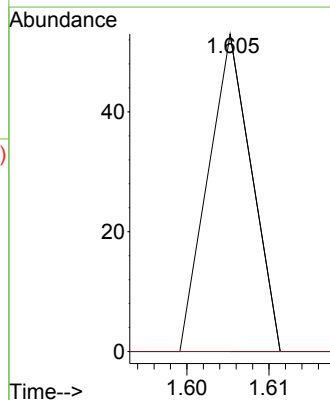
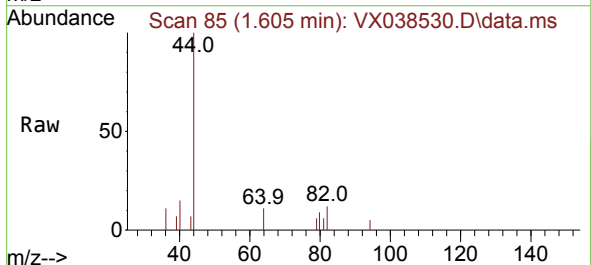


Tgt Ion:168 Resp: 188026
Ion Ratio Lower Upper
168 100
99 53.4 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

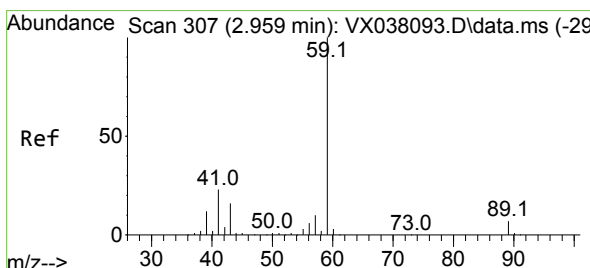
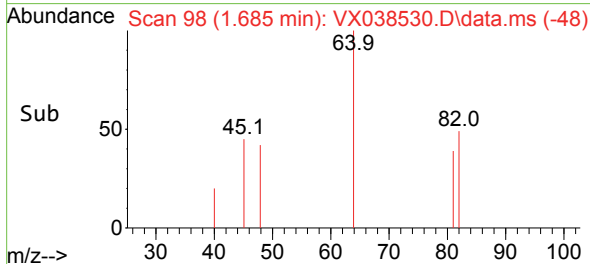
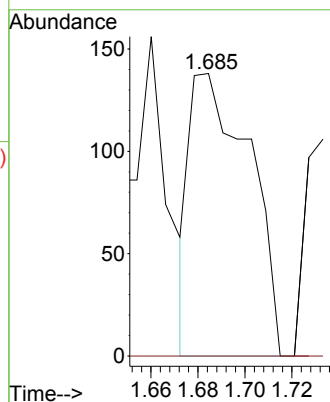
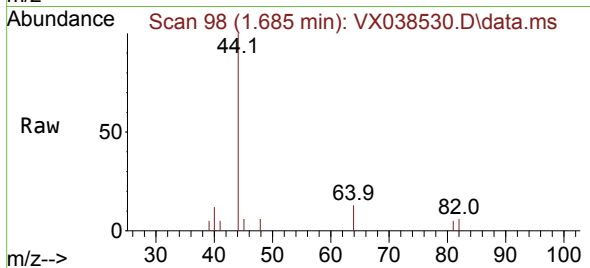




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

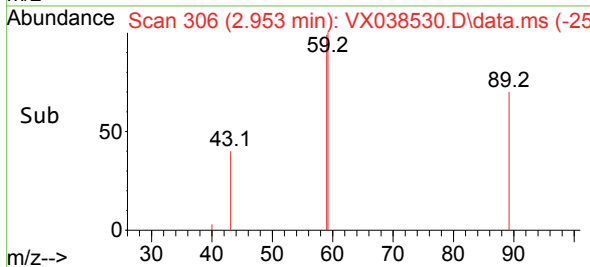
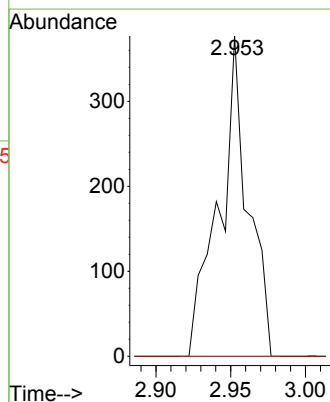
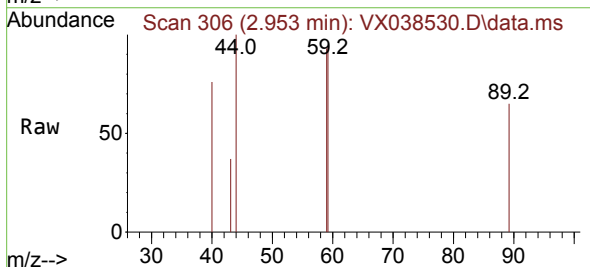
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 244
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# 306
Delta R.T. -0.006 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

Tgt Ion: 59 Resp: 505
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 3.424 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

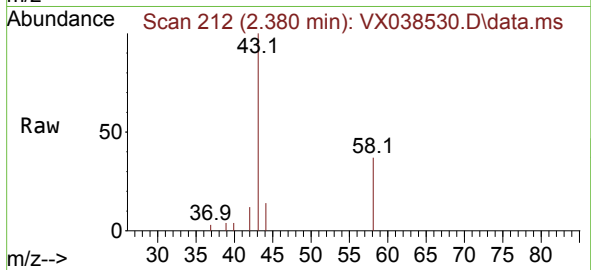
Lab File: VX038530.D

Acq: 26 Oct 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :

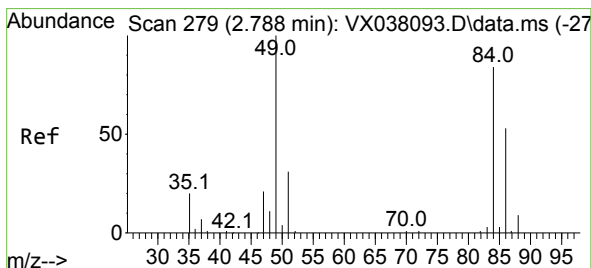
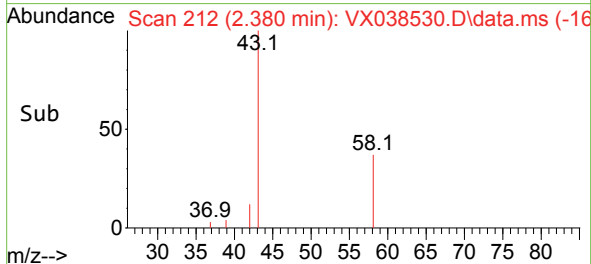
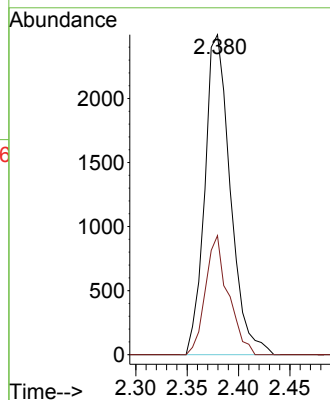


Tgt Ion: 43 Resp: 4322

Ion Ratio Lower Upper

43 100

58 37.2 21.9 32.9#



#20

Methylene Chloride

Concen: 1.457 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038530.D

Acq: 26 Oct 2023 20:02

Tgt Ion: 84 Resp: 3458

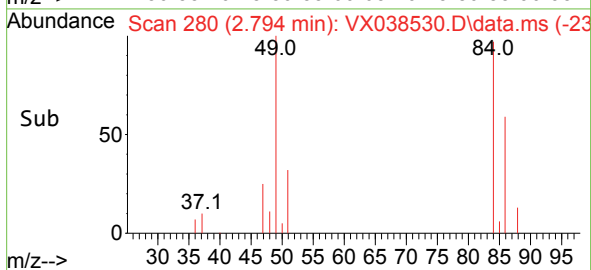
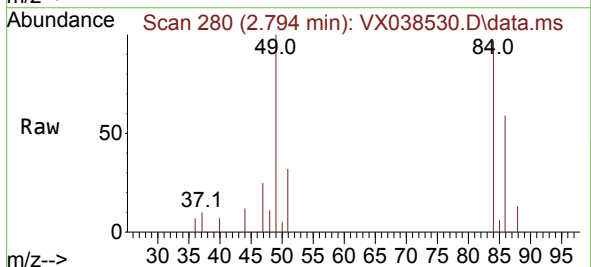
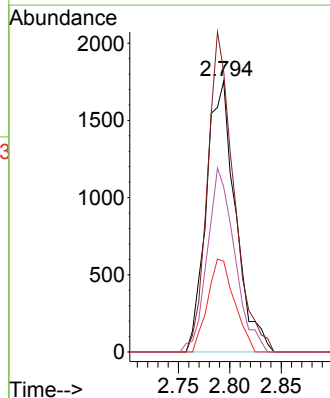
Ion Ratio Lower Upper

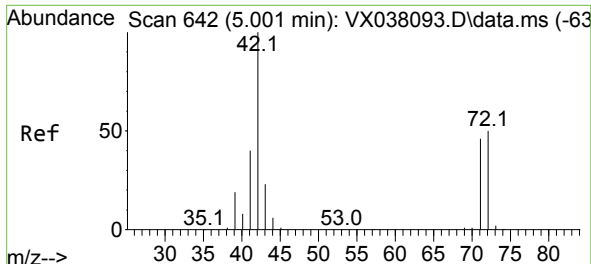
84 100

49 103.5 103.6 155.4#

51 33.5 33.8 50.6#

86 60.9 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.273 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

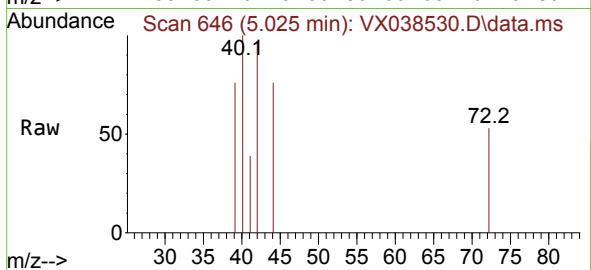
Lab File: VX038530.D

Acq: 26 Oct 2023 20:02

Instrument :

MSVOA_X

ClientSampleId :



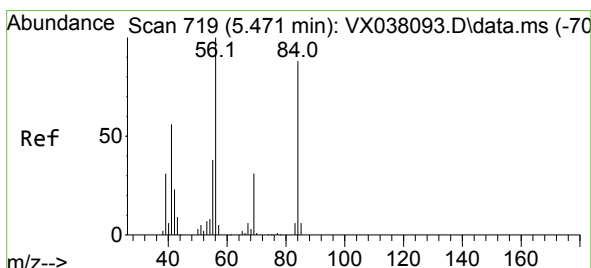
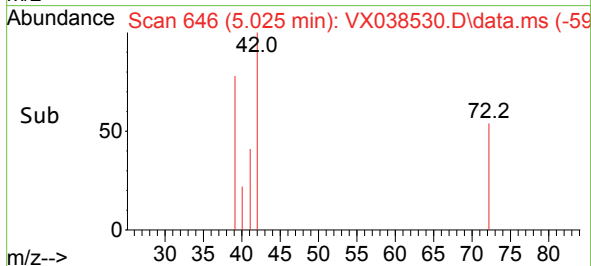
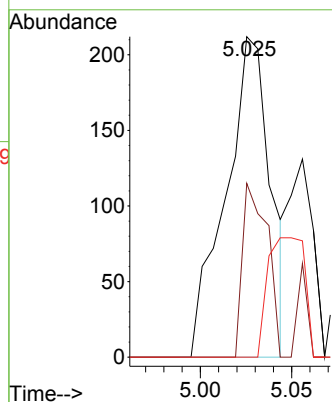
Tgt Ion: 42 Resp: 362

Ion Ratio Lower Upper

42 100

72 30.1 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.152 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038530.D

Acq: 26 Oct 2023 20:02

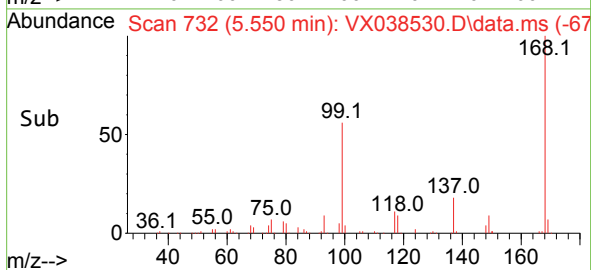
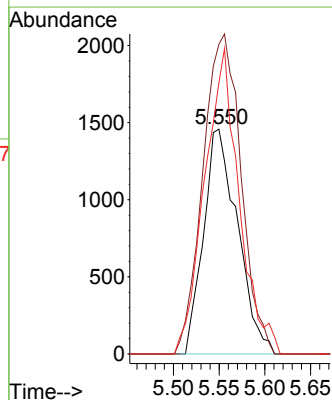
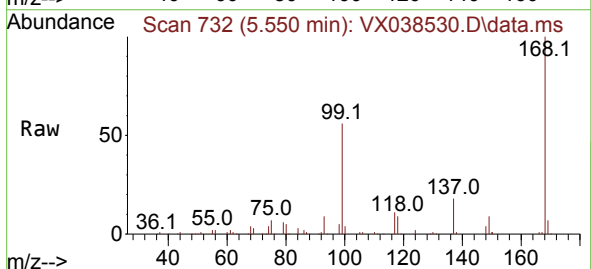
Tgt Ion: 56 Resp: 3775

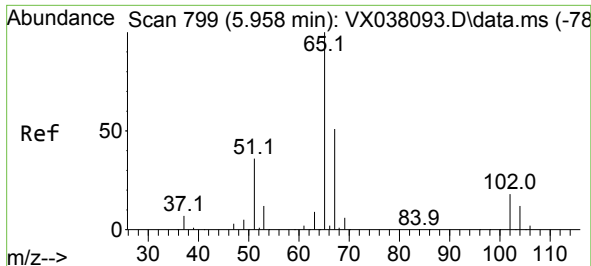
Ion Ratio Lower Upper

56 100

69 137.8 23.4 35.2#

84 120.6 65.9 98.9#

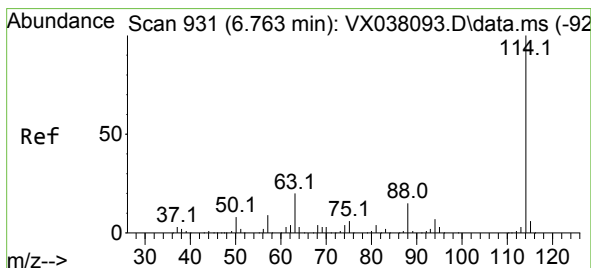
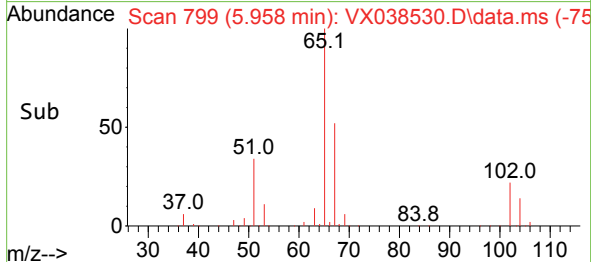
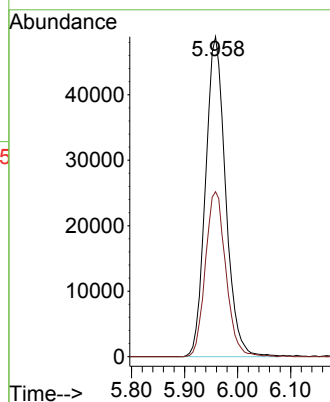
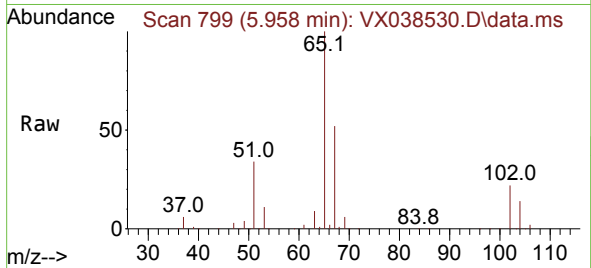




#33
 1,2-Dichloroethane-d4
 Concen: 42.410 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038530.D
 Acq: 26 Oct 2023 20:02

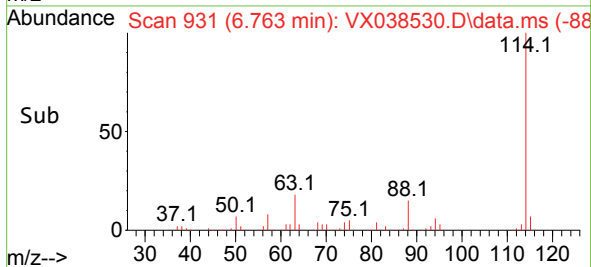
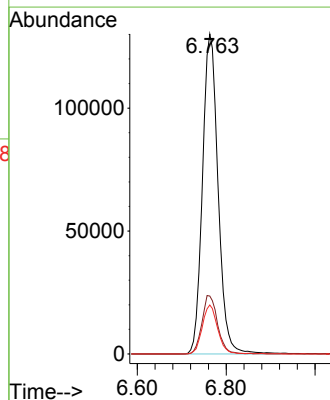
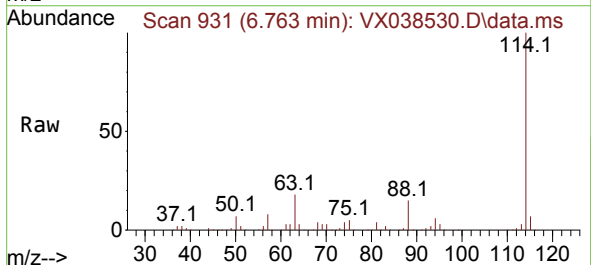
Instrument :
 MSVOA_X
 ClientSampleId :

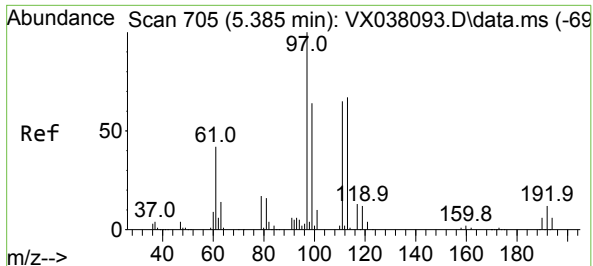
Tgt Ion: 65 Resp: 128261
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038530.D
 Acq: 26 Oct 2023 20:02

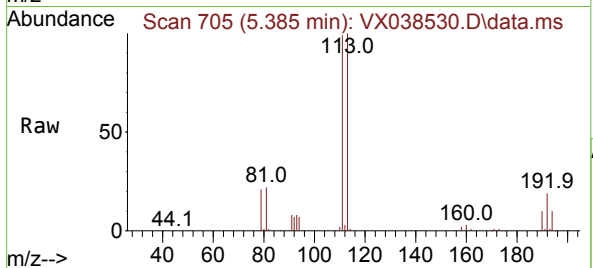
Tgt Ion:114 Resp: 318927
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 45.0
 88 15.3 0.0 36.6



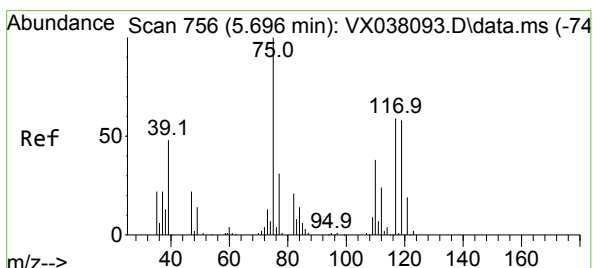
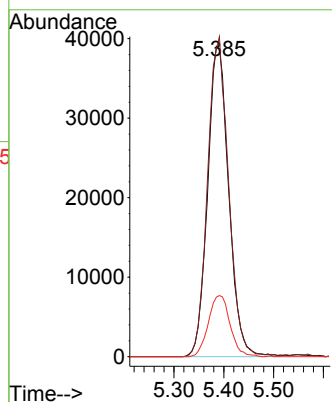
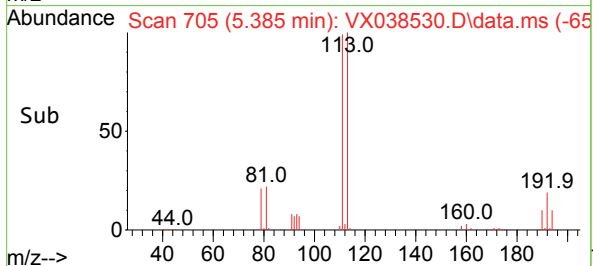


#35
Dibromofluoromethane
Concen: 50.140 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

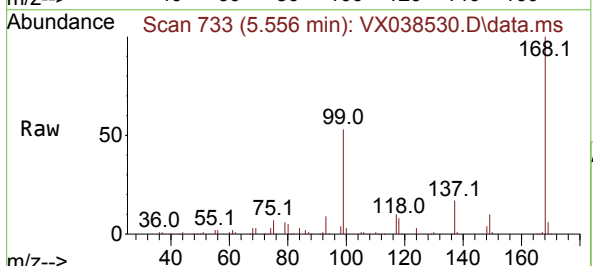
Instrument :
MSVOA_X
ClientSampleId :



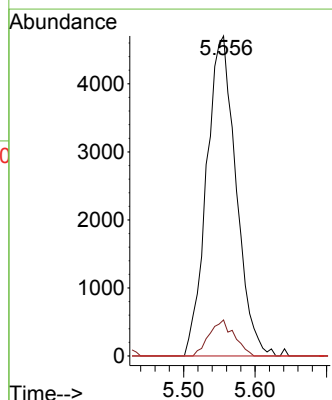
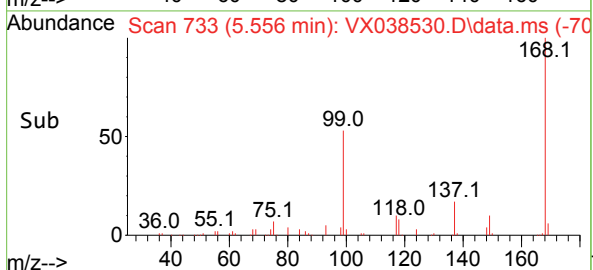
Tgt Ion:113 Resp: 115225
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 20.2 13.3 19.9#

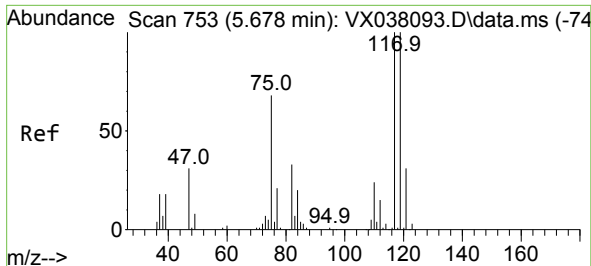


#36
1,1-Dichloropropene
Concen: 4.250 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02



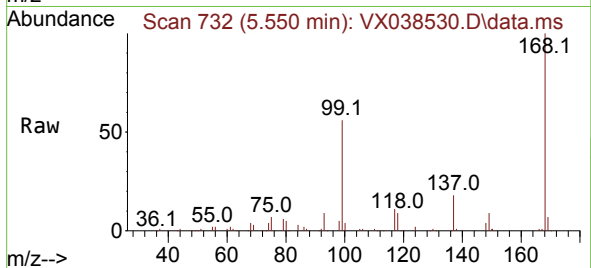
Tgt Ion: 75 Resp: 13467
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



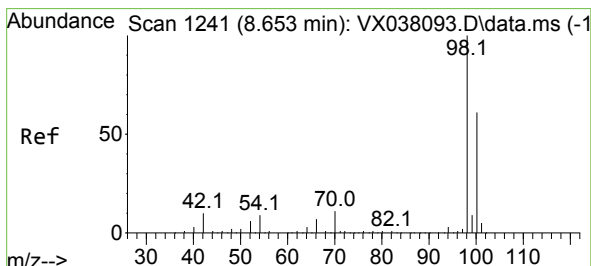
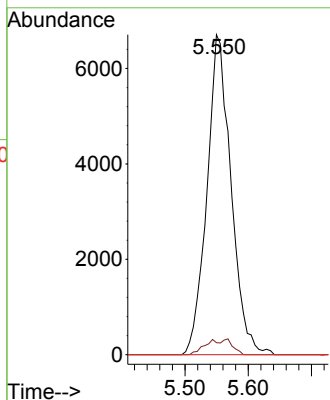
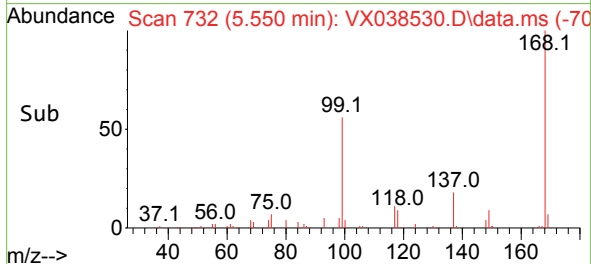


#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

Instrument :
MSVOA_X
ClientSampleId :

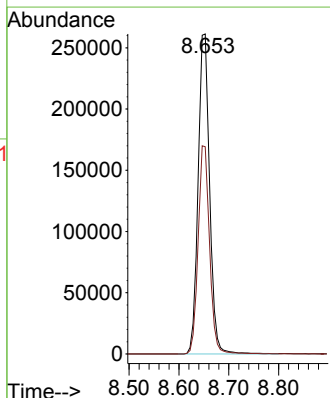
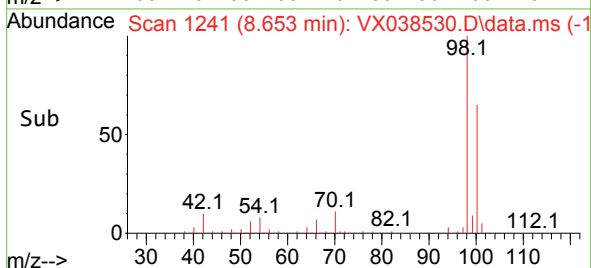
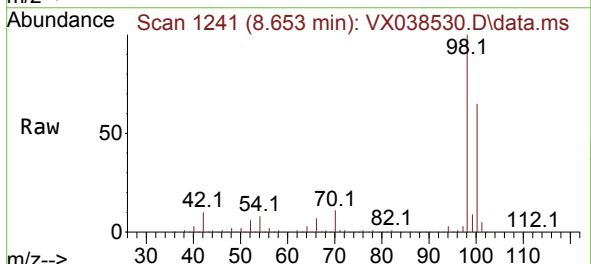


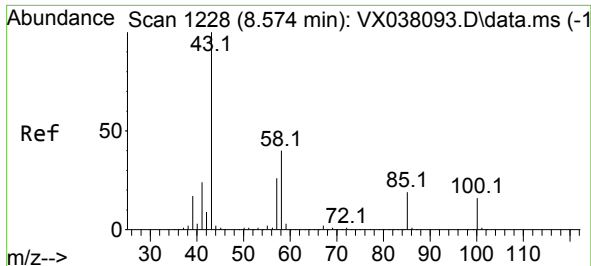
Tgt Ion:117 Resp: 17779
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.689 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

Tgt Ion: 98 Resp: 418784
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

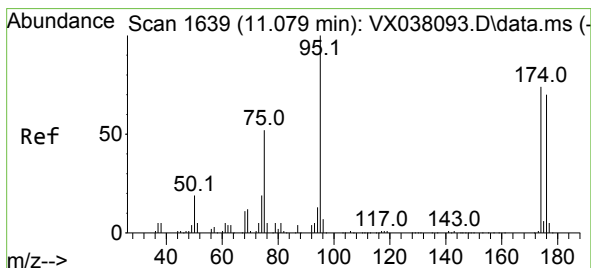
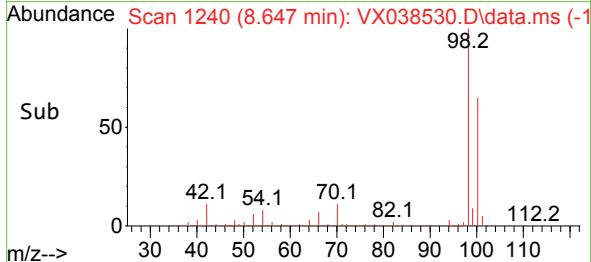
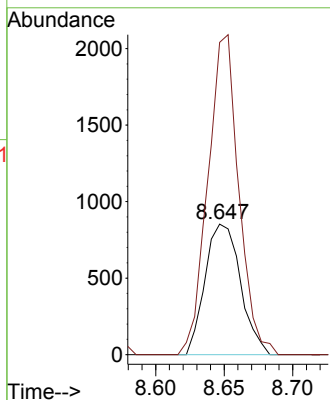
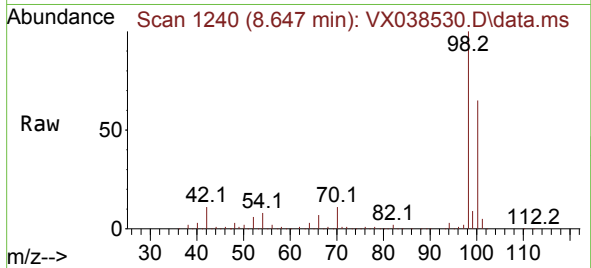




#51
4-Methyl-2-Pentanone
Concen: 0.396 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

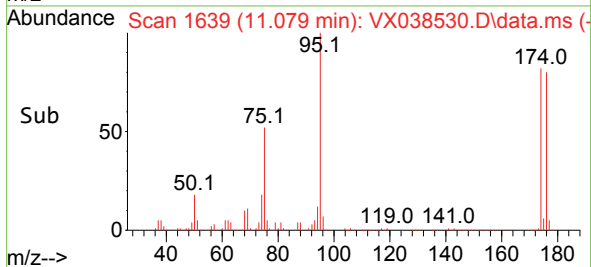
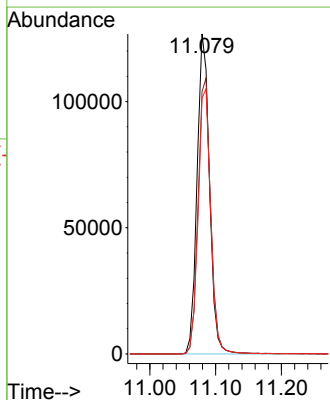
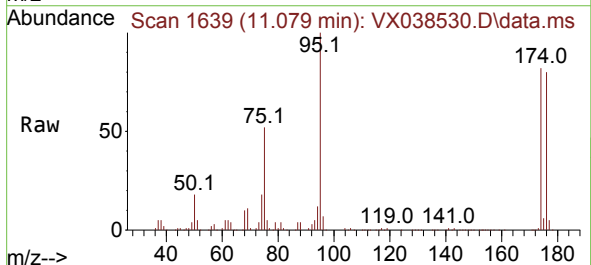
Instrument :
MSVOA_X
ClientSampleId :

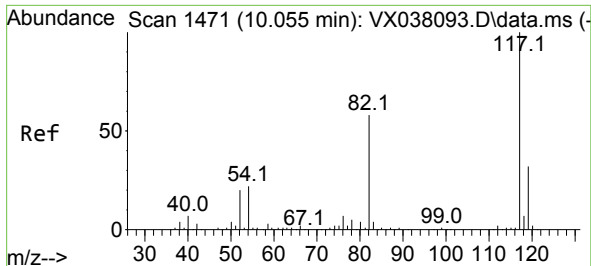
Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
58 214.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

Tgt Ion: 95 Resp: 166500
Ion Ratio Lower Upper
95 100
174 87.3 0.0 135.6
176 84.1 0.0 131.0

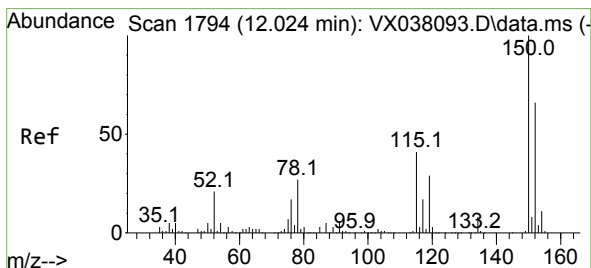
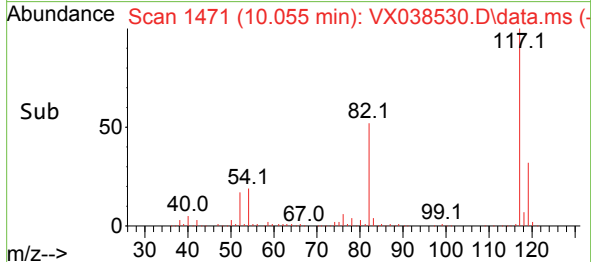
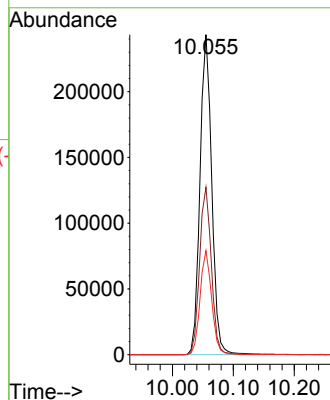
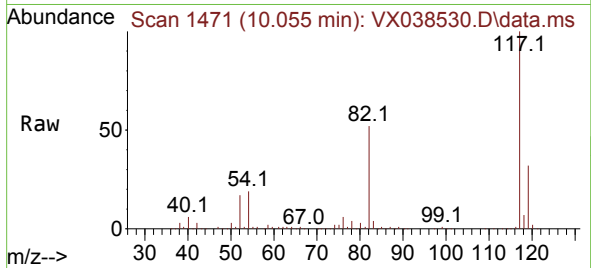




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

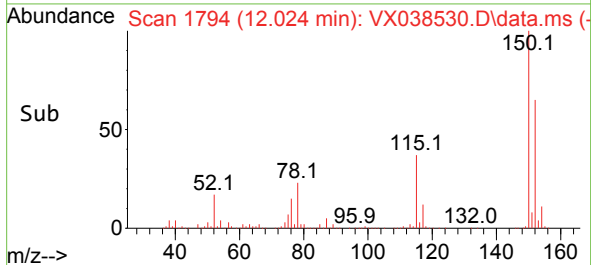
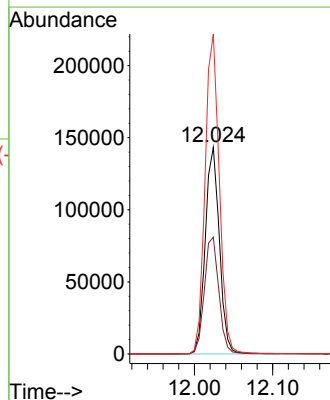
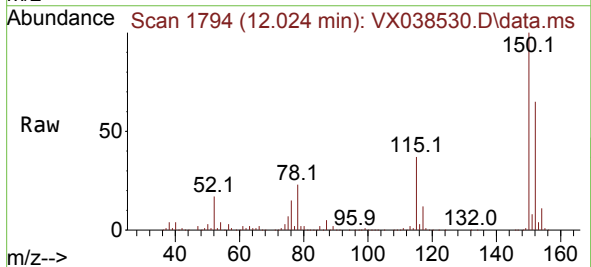
Instrument :
MSVOA_X
ClientSampleId :

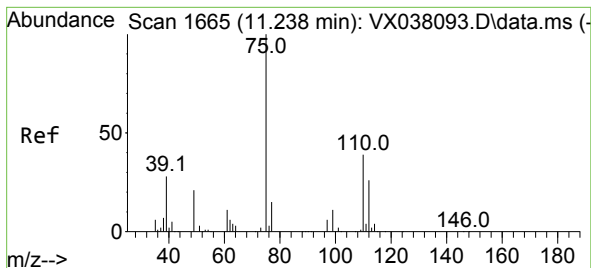
Tgt Ion:117 Resp: 325967
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038530.D
Acq: 26 Oct 2023 20:02

Tgt Ion:152 Resp: 179741
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.901 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038530.D

Acq: 26 Oct 2023 20:02

Instrument :

MSVOA_X

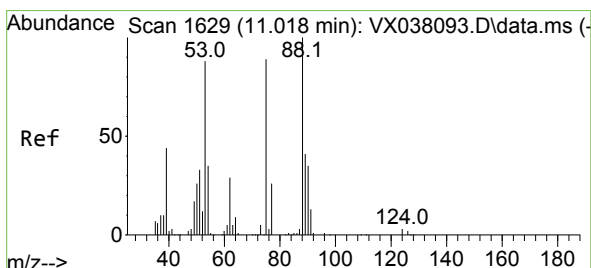
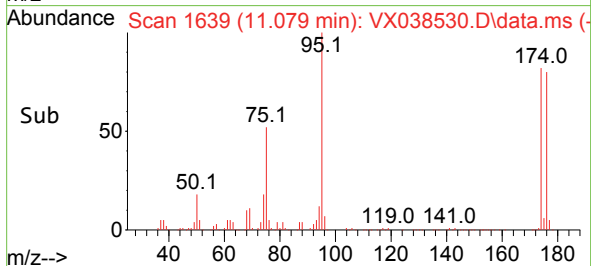
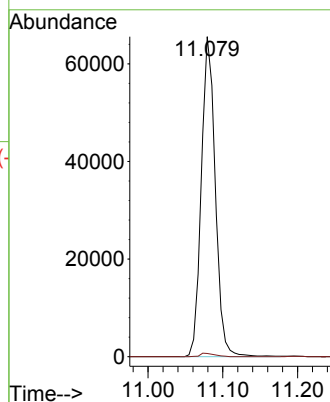
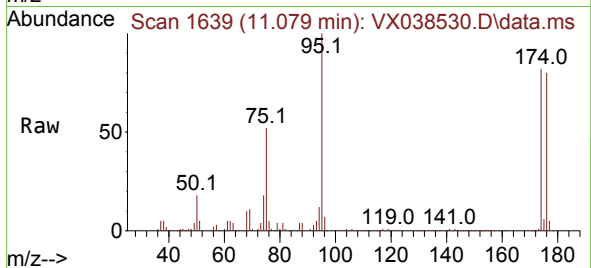
ClientSampleId :

Tgt Ion: 75 Resp: 85407

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.141 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038530.D

Acq: 26 Oct 2023 20:02

Tgt Ion: 75 Resp: 85407

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

