

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038531.D
 Acq On : 26 Oct 2023 20:25
 Operator : JC/MD
 Sample : 05063-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:23:02 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)

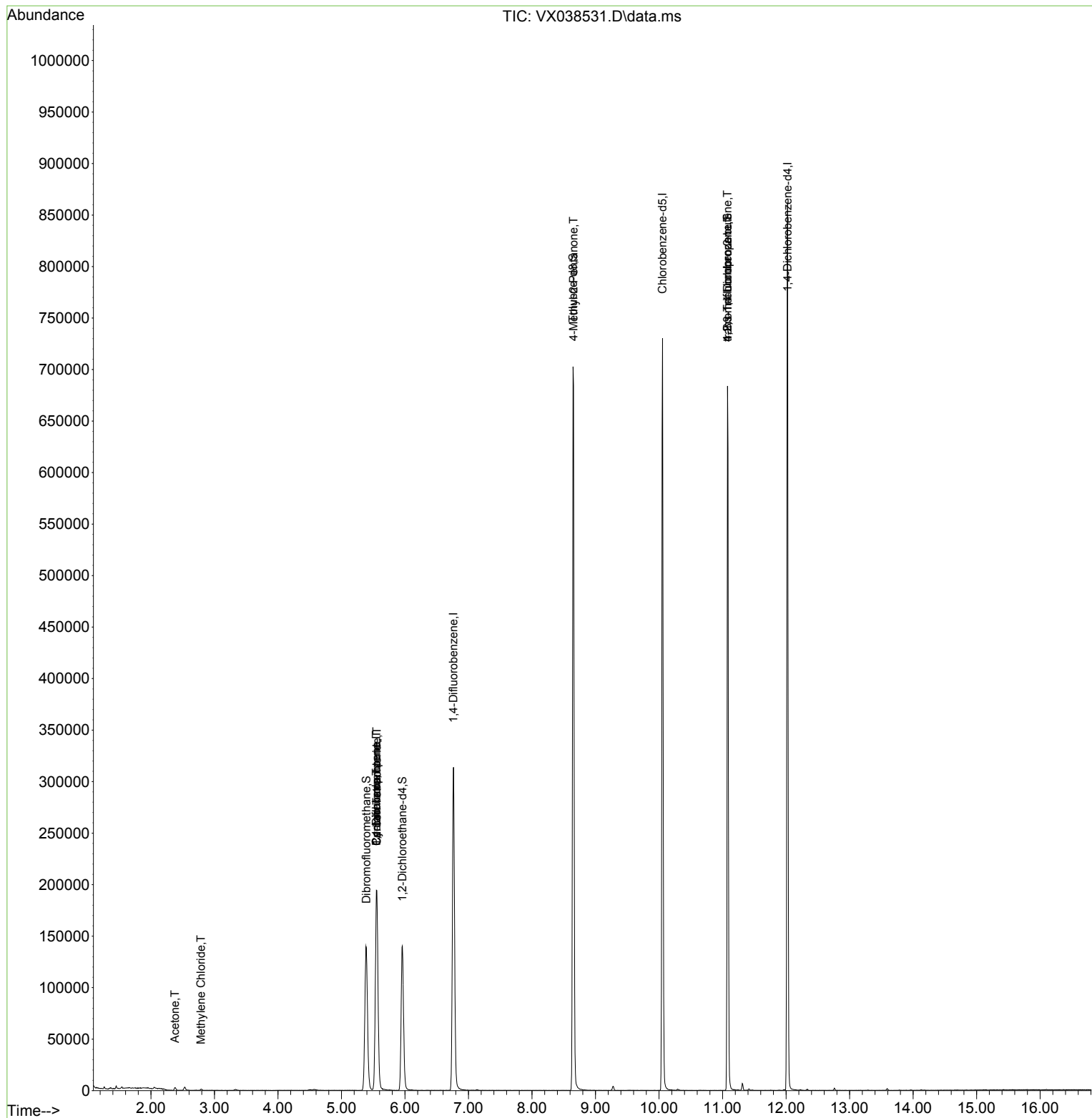
Internal Standards						
1) Pentafluorobenzene	5.550	168	195963	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	333320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135218	42.900	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.800%
35) Dibromofluoromethane	5.391	113	122248	50.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	8.647	98	446781	48.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.079	95	179039	51.457	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.920%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	45	Below Cal	#	3
6) Chloroethane	1.666	64	325	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	172	Below Cal	#	78
16) Acetone	2.380	43	2988	2.271	ug/l	# 80
20) Methylene Chloride	2.788	84	622	0.251	ug/l	# 62
31) Cyclohexane	5.550	56	3841	1.125	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	13764	4.156	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	18867	5.791	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	1602	0.396	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	91406	21.081	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	91406	60.624	ug/l	# 5

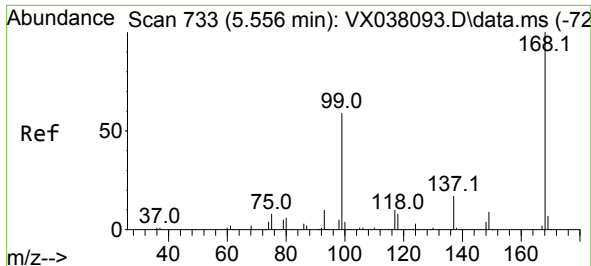
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
Data File : VX038531.D
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Operator : JC/MD
Sample : 05063-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

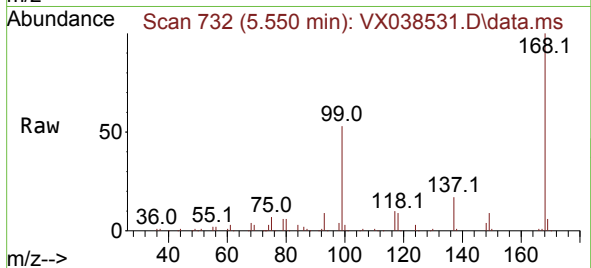
Quant Time: Oct 27 05:23:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



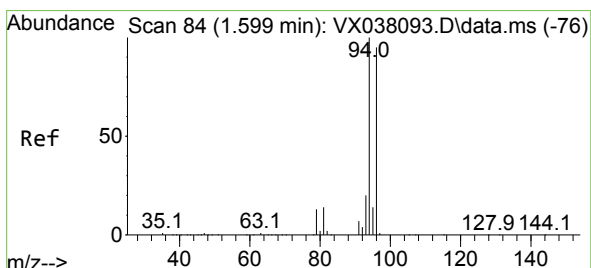
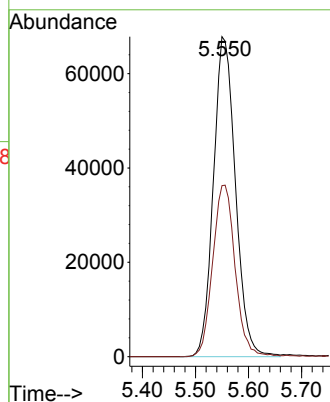
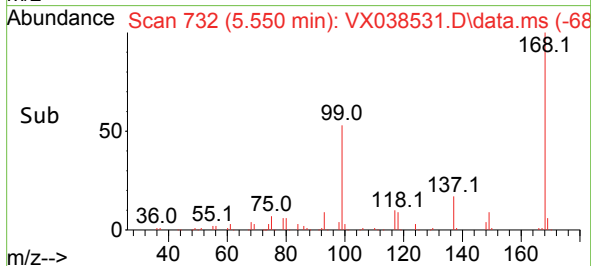


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

Instrument :
MSVOA_X
ClientSampleId :

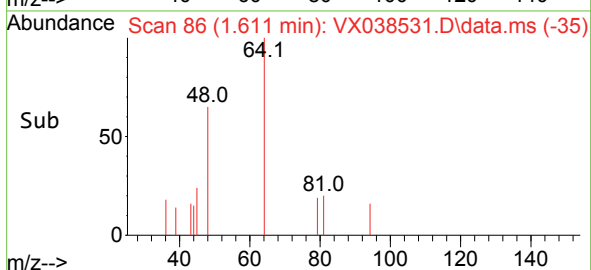
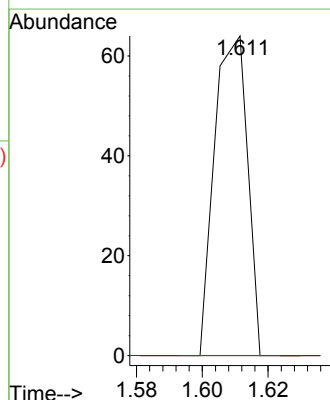
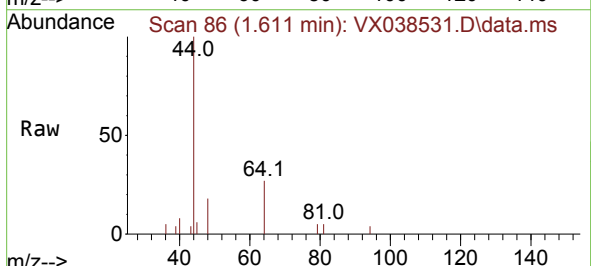


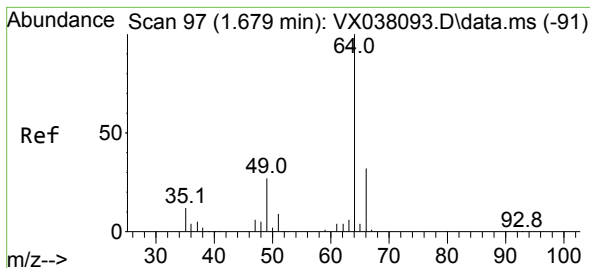
Tgt Ion:168 Resp: 195963
Ion Ratio Lower Upper
168 100
99 53.5 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

Tgt Ion: 94 Resp: 45
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: VX038531.D

Acq: 26 Oct 2023 20:25

Instrument :

MSVOA_X

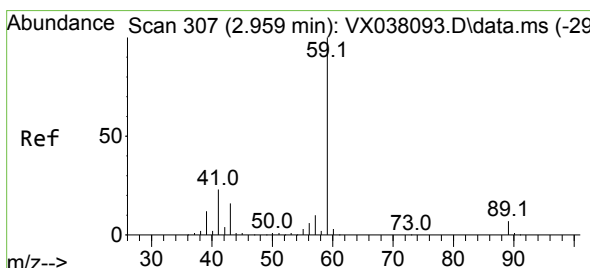
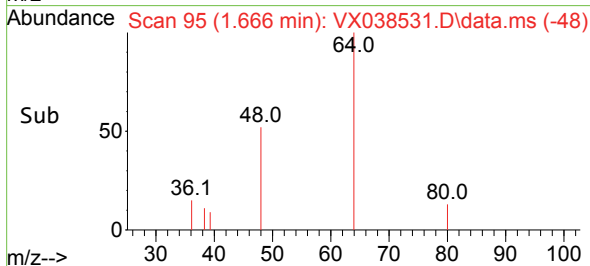
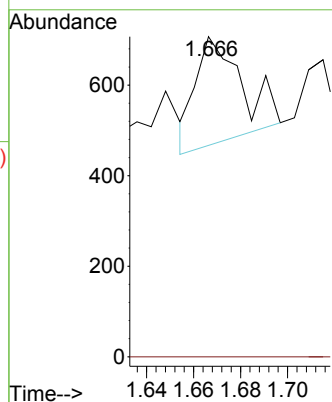
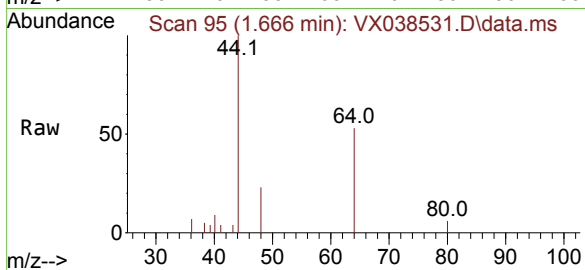
ClientSampleId :

Tgt Ion: 64 Resp: 325

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: VX038531.D

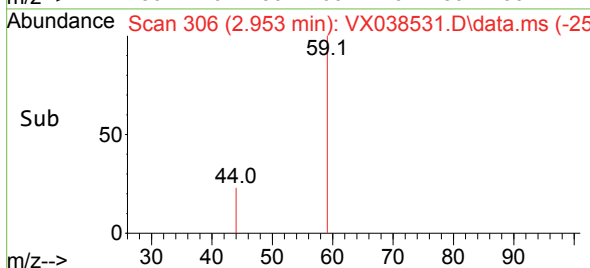
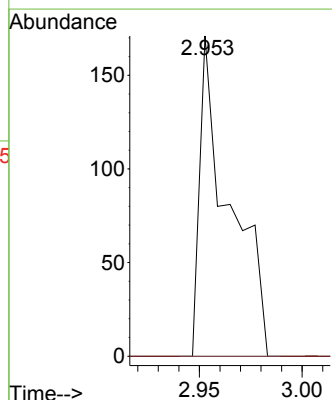
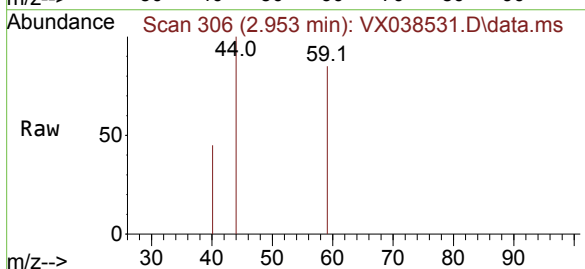
Acq: 26 Oct 2023 20:25

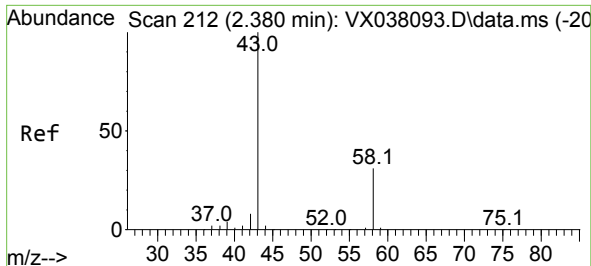
Tgt Ion: 59 Resp: 172

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 2.271 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038531.D

Acq: 26 Oct 2023 20:25

Instrument :

MSVOA_X

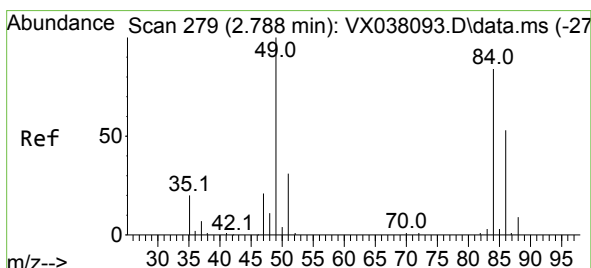
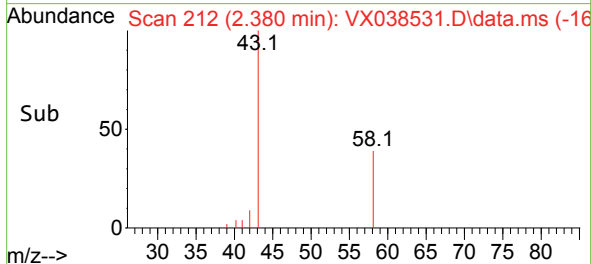
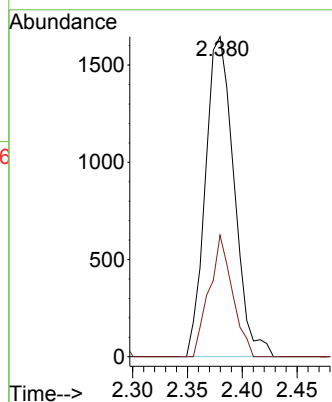
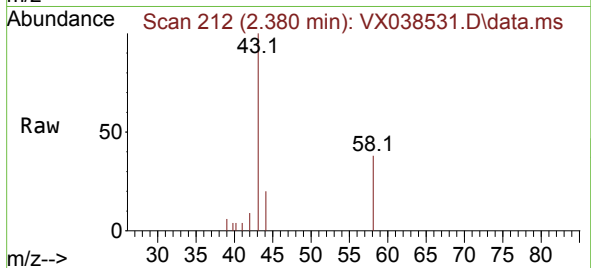
ClientSampleId :

Tgt Ion: 43 Resp: 2988

Ion Ratio Lower Upper

43 100

58 38.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.251 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038531.D

Acq: 26 Oct 2023 20:25

Tgt Ion: 84 Resp: 622

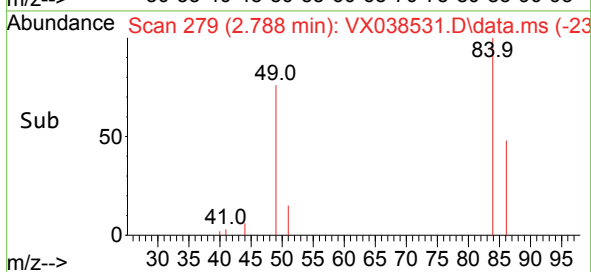
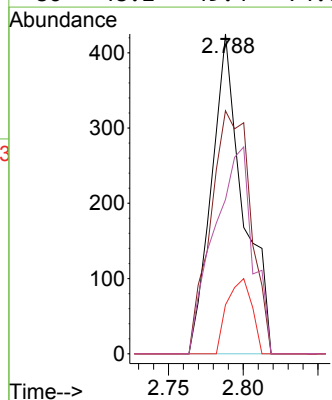
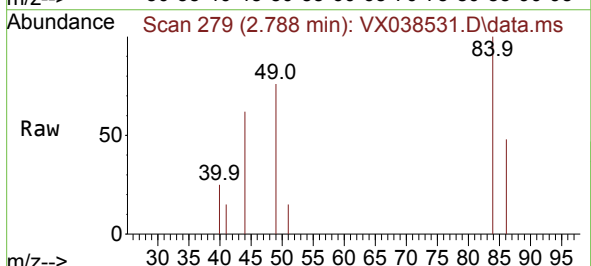
Ion Ratio Lower Upper

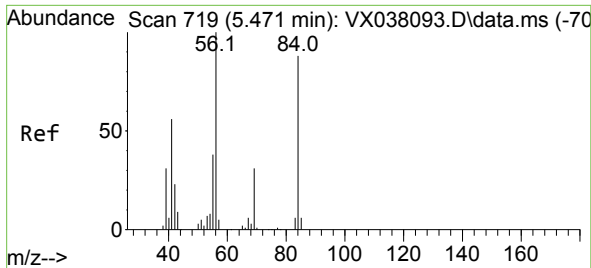
84 100

49 76.0 103.6 155.4#

51 15.3 33.8 50.6#

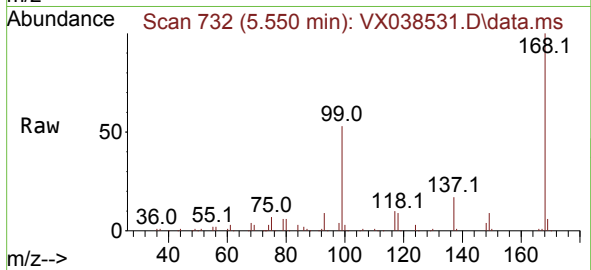
86 48.2 49.4 74.0#



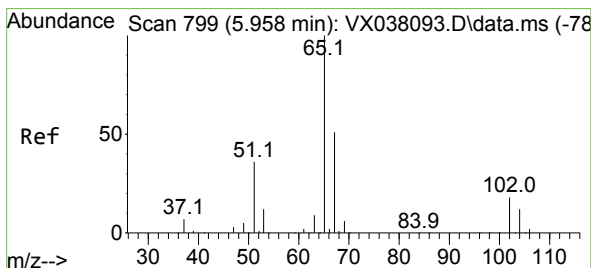
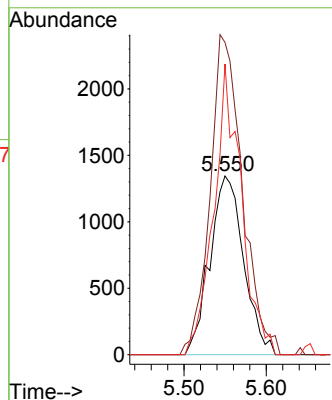
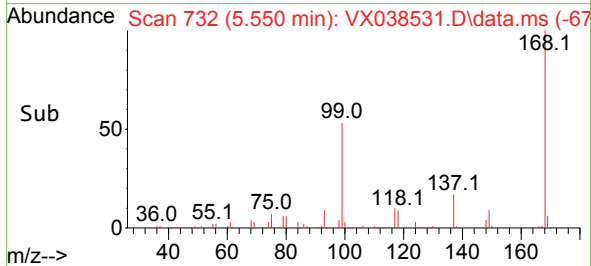


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

Instrument :
MSVOA_X
ClientSampleId :

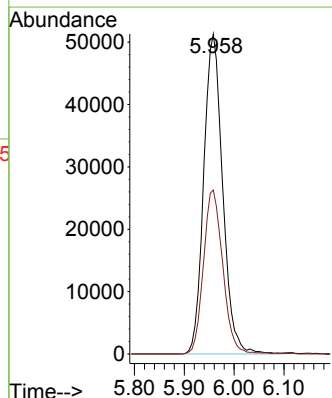
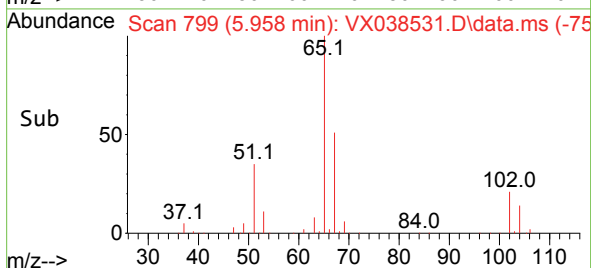
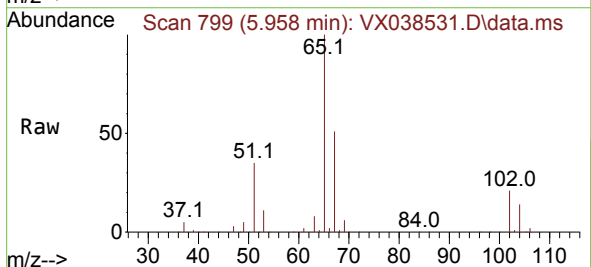


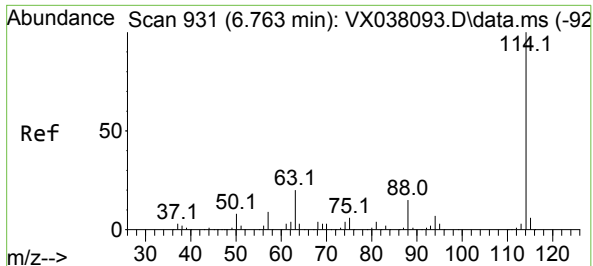
Tgt Ion: 56 Resp: 3841
Ion Ratio Lower Upper
56 100
69 174.7 23.4 35.2#
84 162.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.900 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

Tgt Ion: 65 Resp: 135218
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

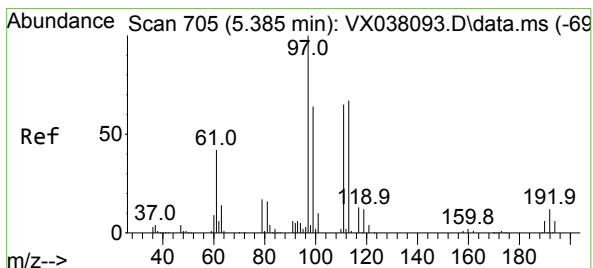
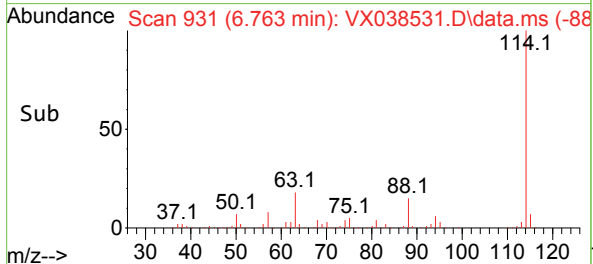
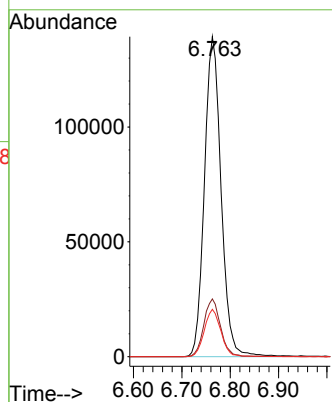
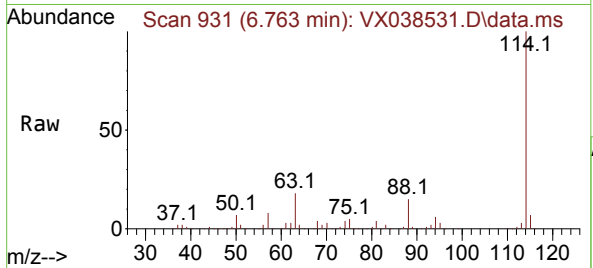




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

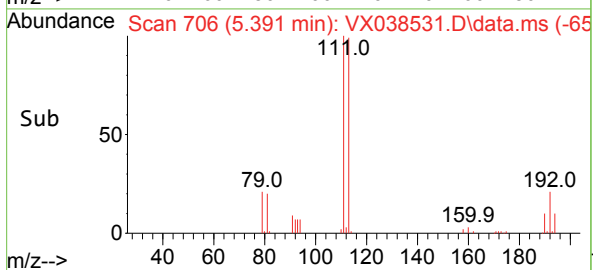
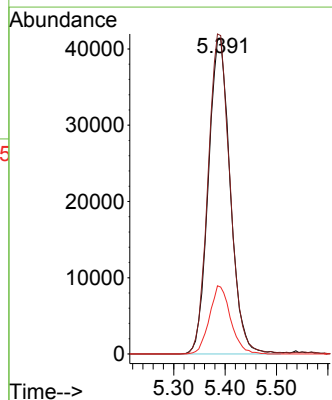
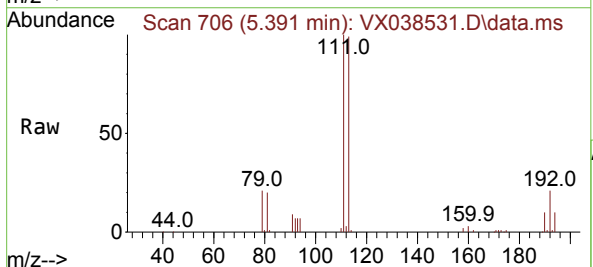
Instrument :
MSVOA_X
ClientSampleId :

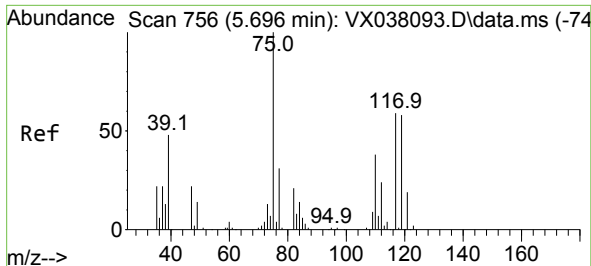
Tgt Ion:114 Resp: 333320
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.899 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

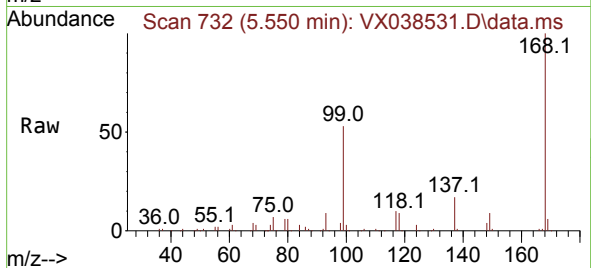
Tgt Ion:113 Resp: 122248
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 20.9 13.3 19.9#



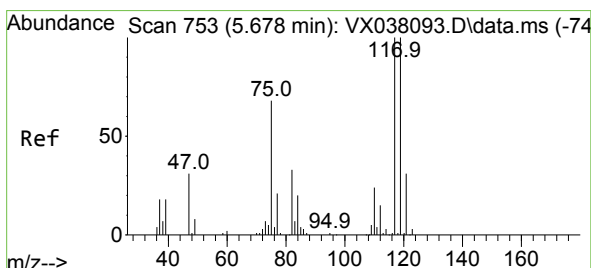
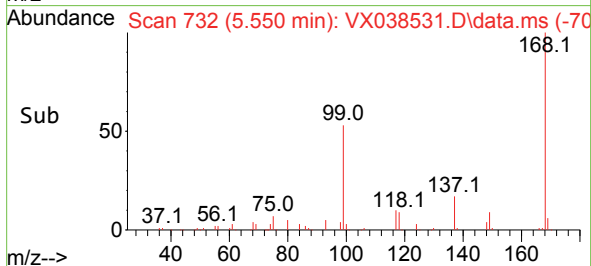
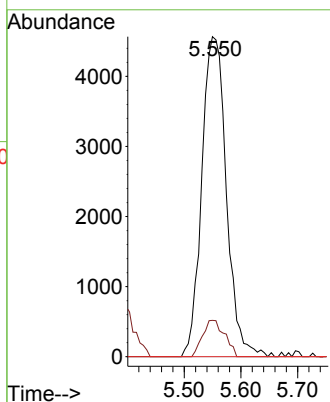


#36
1,1-Dichloropropene
Concen: 4.156 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

Instrument :
MSVOA_X
ClientSampleId :

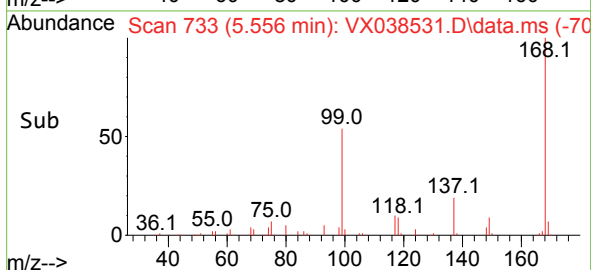
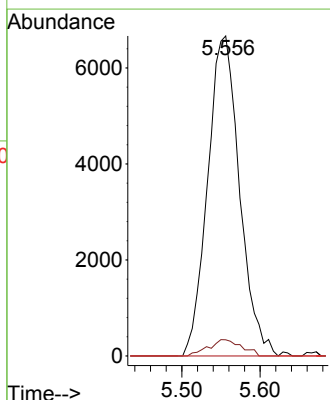
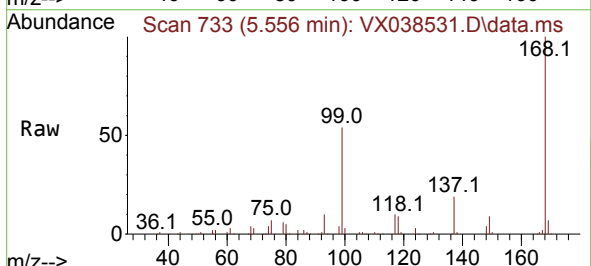


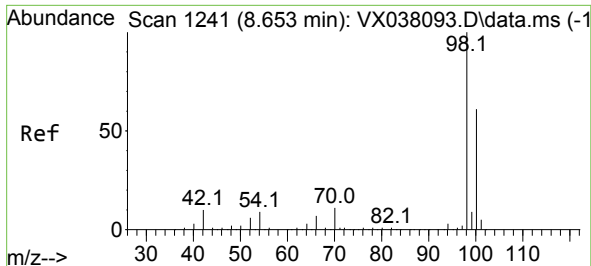
Tgt Ion: 75 Resp: 13764
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.791 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

Tgt Ion: 117 Resp: 18867
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

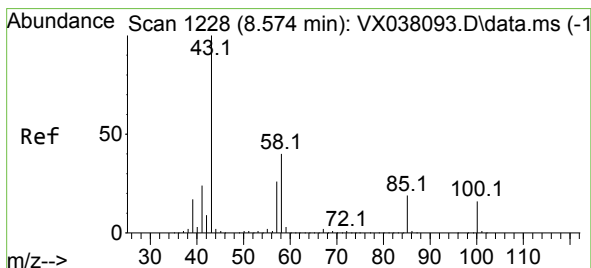
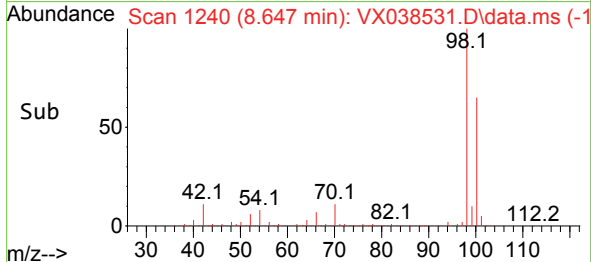
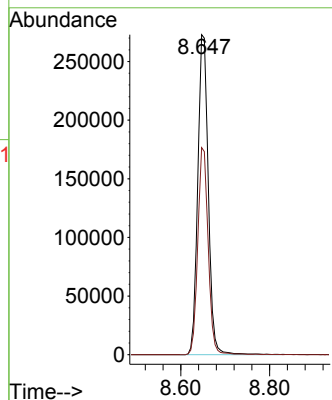
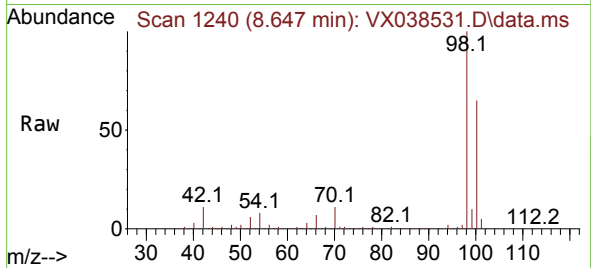




#50
Toluene-d8
Concen: 48.681 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

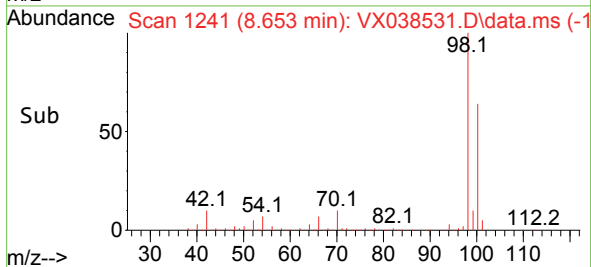
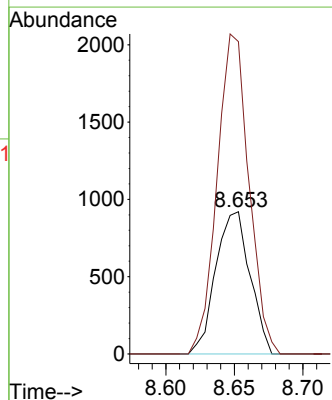
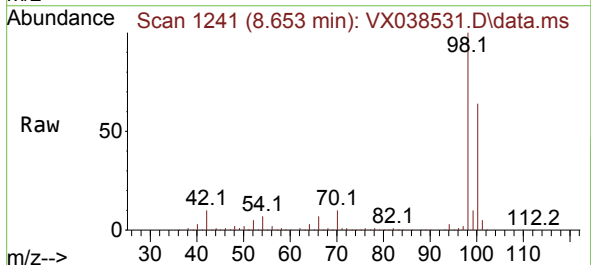
Instrument :
MSVOA_X
ClientSampleId :

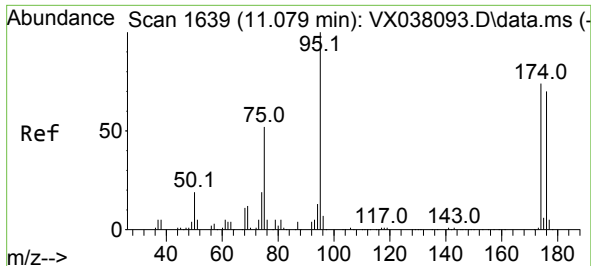
Tgt Ion: 98 Resp: 446781
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.396 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
58 208.8 30.4 45.6#

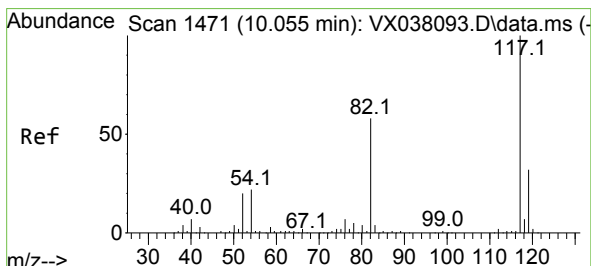
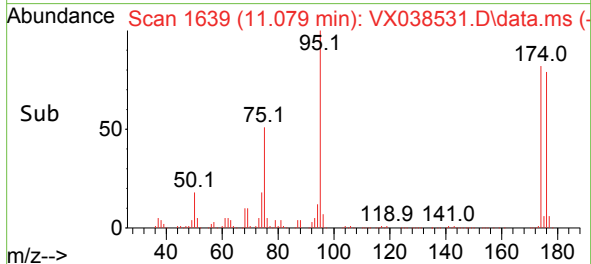
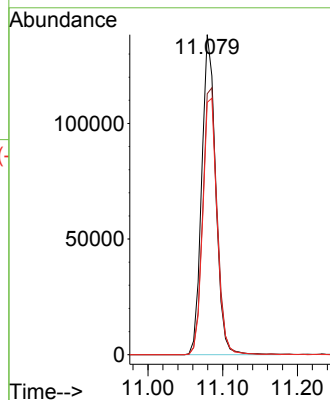
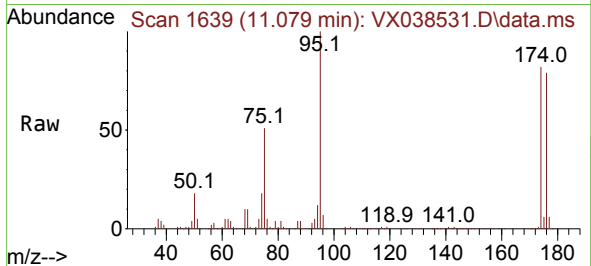




#62
4-Bromofluorobenzene
Concen: 51.457 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

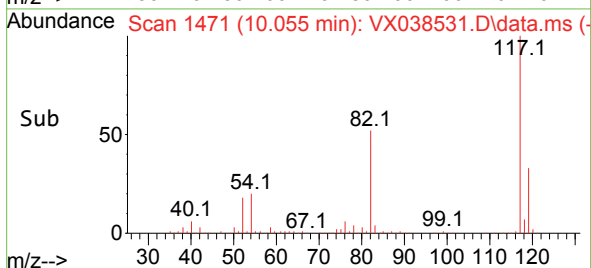
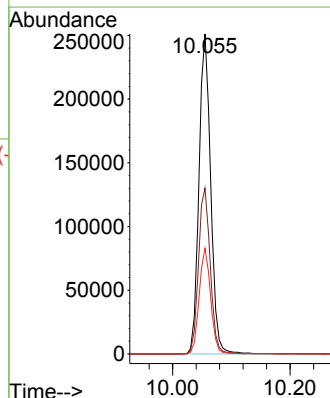
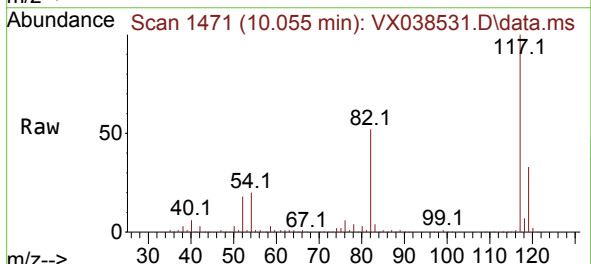
Instrument :
MSVOA_X
ClientSampleId :

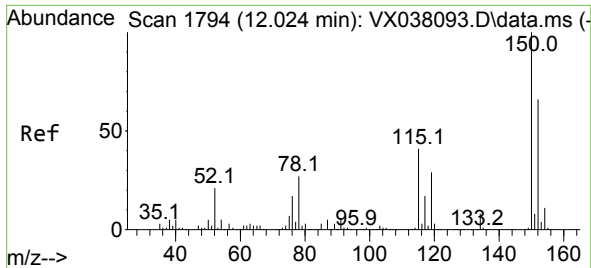
Tgt Ion: 95 Resp: 179039
Ion Ratio Lower Upper
95 100
174 86.7 0.0 135.6
176 83.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038531.D
Acq: 26 Oct 2023 20:25

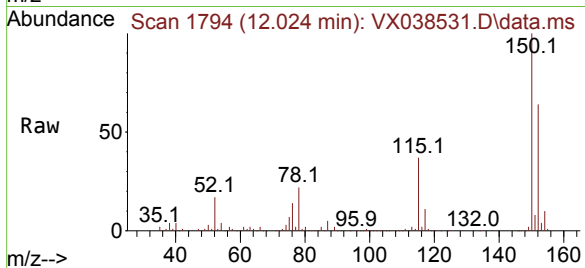
Tgt Ion: 117 Resp: 347223
Ion Ratio Lower Upper
117 100
82 51.8 46.2 69.4
119 33.1 25.5 38.3



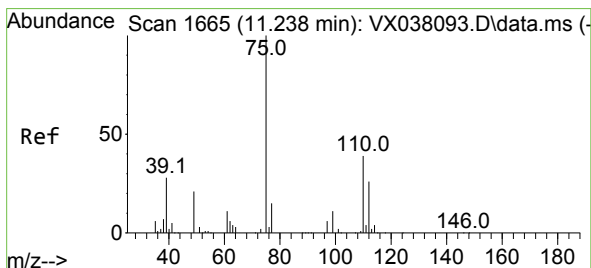
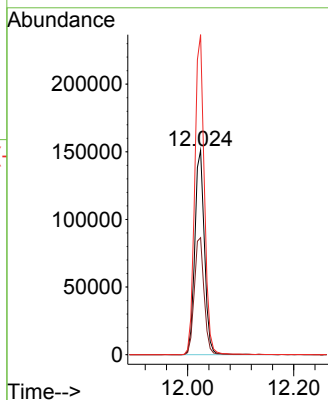
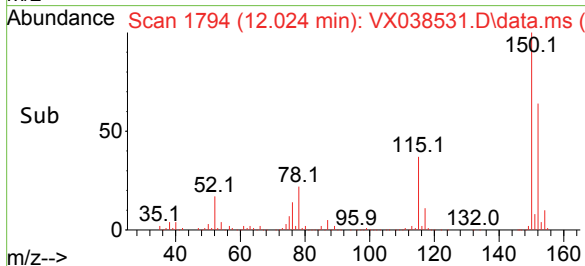


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038531.D
 Acq: 26 Oct 2023 20:25

Instrument :
 MSVOA_X
 ClientSampleId :

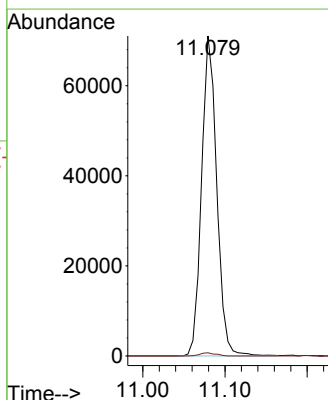
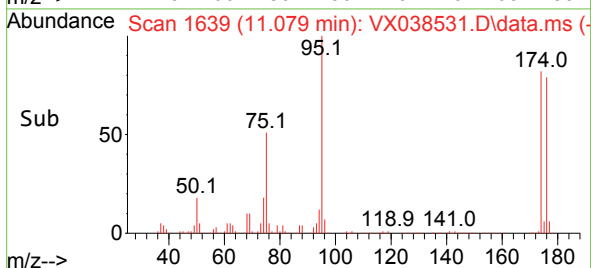
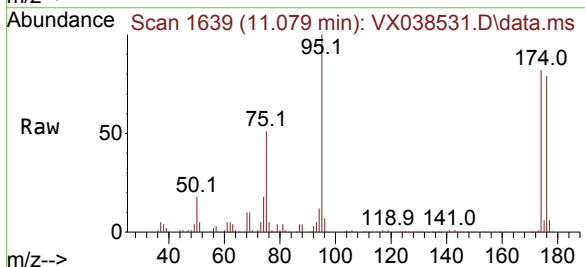


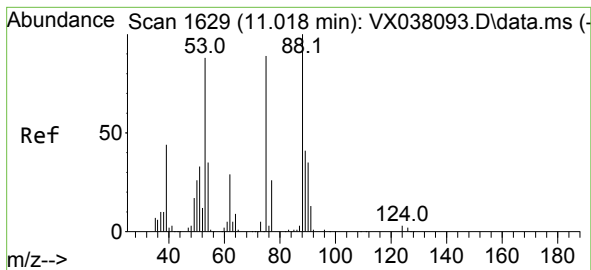
Tgt Ion:152 Resp: 190725
 Ion Ratio Lower Upper
 152 100
 115 58.3 43.3 129.9
 150 156.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.081 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038531.D
 Acq: 26 Oct 2023 20:25

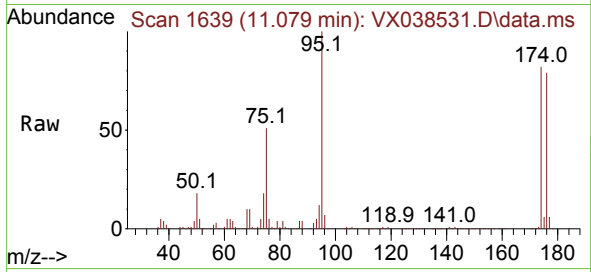
Tgt Ion: 75 Resp: 91406
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.624 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038531.D
 Acq: 26 Oct 2023 20:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 91406
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

