

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034523.D
 Acq On : 15 Mar 2023 21:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 16 05:25:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

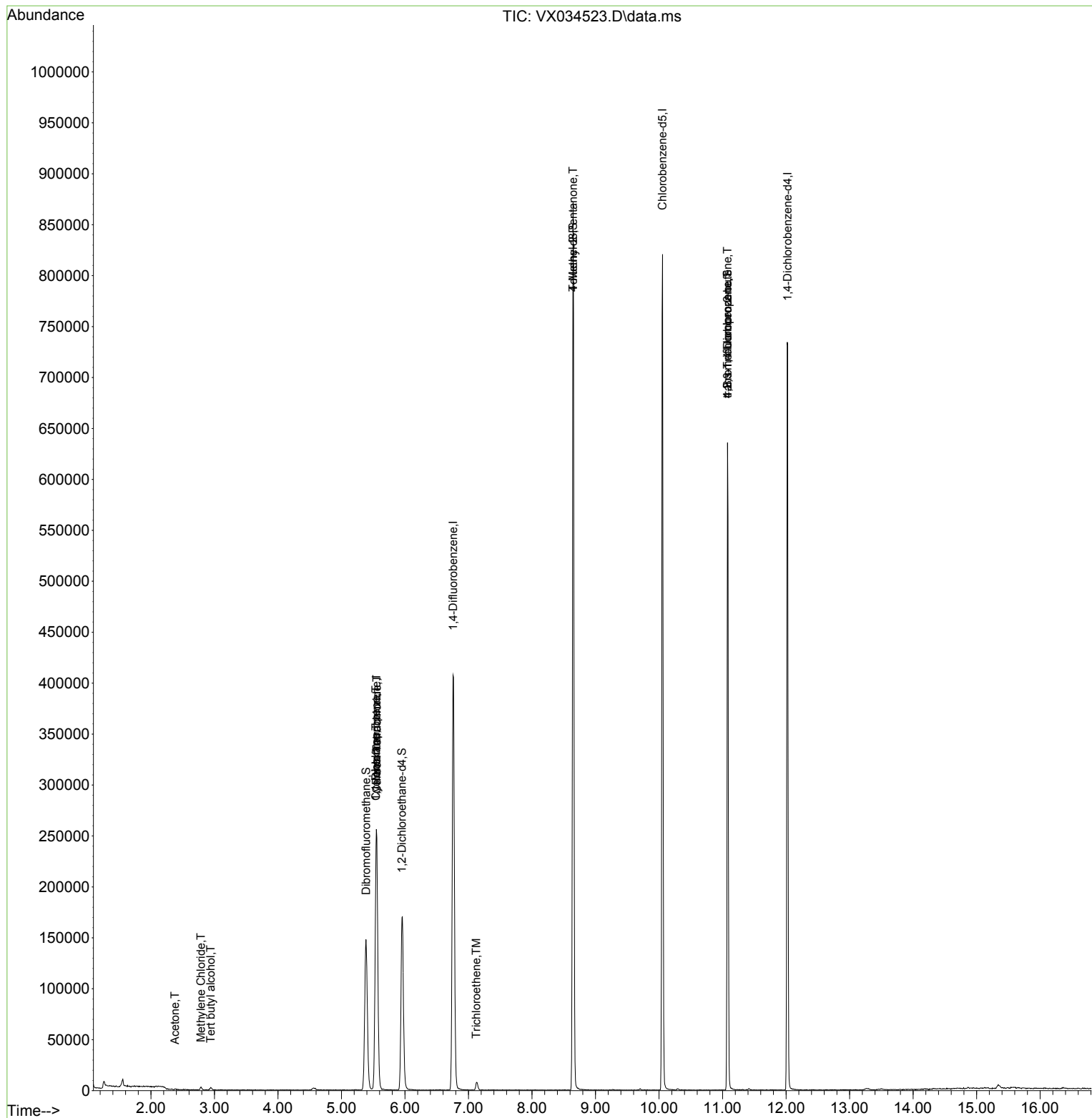
Internal Standards						
1) Pentafluorobenzene	5.550	168	244161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	415876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161840	45.562	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	91.120%	
35) Dibromofluoromethane	5.385	113	128543	46.814	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.620%	
50) Toluene-d8	8.647	98	496572	48.445	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.880%	
62) 4-Bromofluorobenzene	11.079	95	165443	39.959	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	79.920%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	338	Below Cal	#	62
11) Tert butyl alcohol	2.941	59	1385	1.872	ug/l #	73
16) Acetone	2.380	43	858	0.513	ug/l #	44
20) Methylene Chloride	2.788	84	1319	0.406	ug/l	91
31) Cyclohexane	5.544	56	5866	1.178	ug/l #	7
36) 1,1-Dichloropropene	5.544	75	19494	4.622	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24266	5.784	ug/l #	15
44) Trichloroethene	7.123	130	3095	0.966	ug/l	81
51) 4-Methyl-2-Pentanone	8.647	43	2692	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88515	25.694	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	88515	69.509	ug/l #	8

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

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

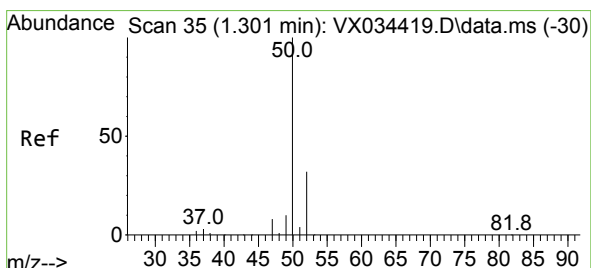
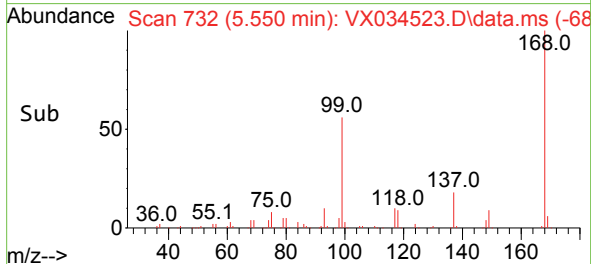
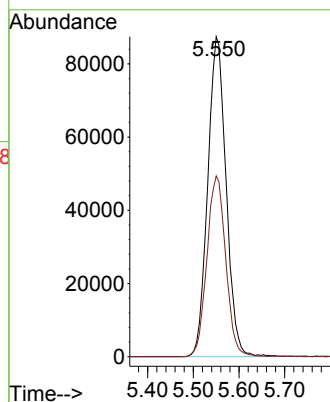
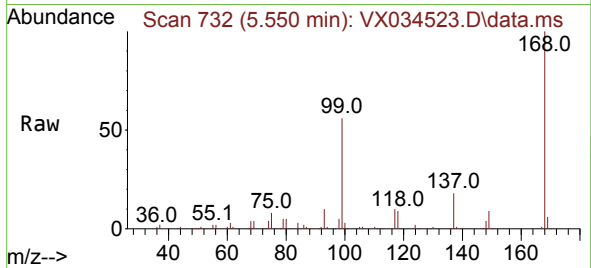




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

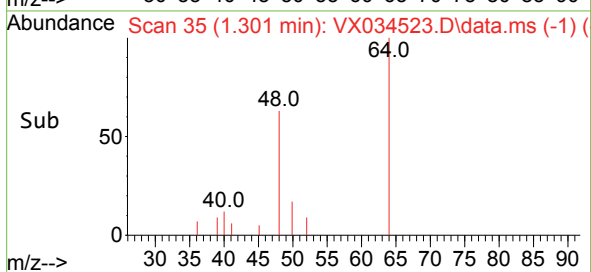
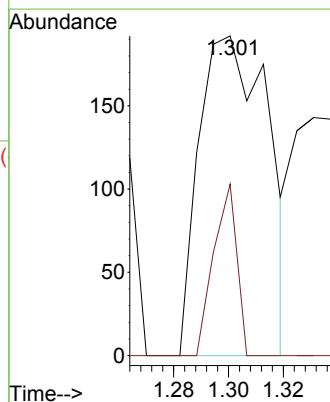
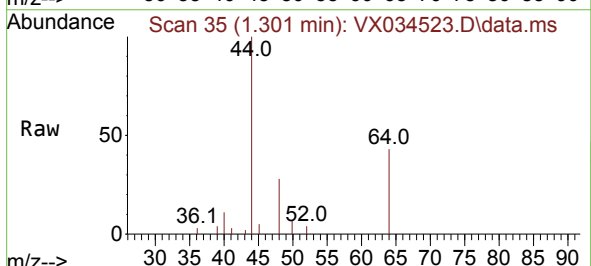
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 244161
Ion Ratio Lower Upper
168 100
99 56.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

Tgt Ion: 50 Resp: 338
Ion Ratio Lower Upper
50 100
52 53.6 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.872 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034523.D

Acq: 15 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

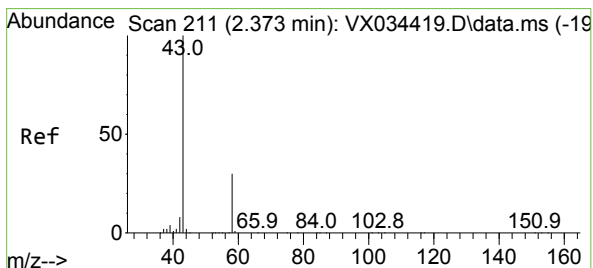
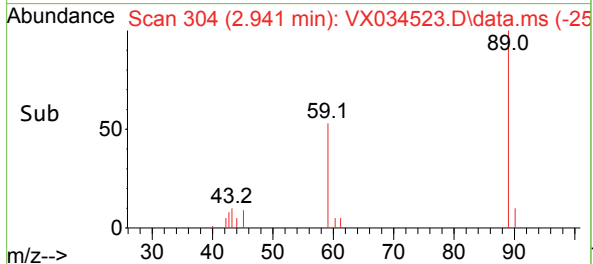
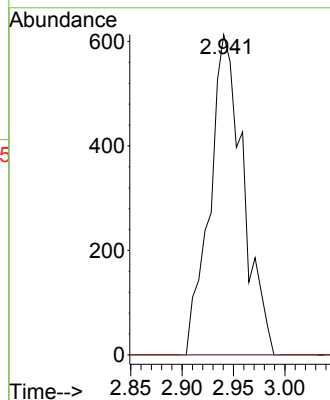
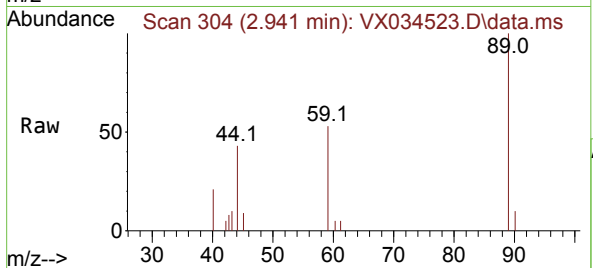
IBLK

Tgt Ion: 59 Resp: 1385

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.513 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034523.D

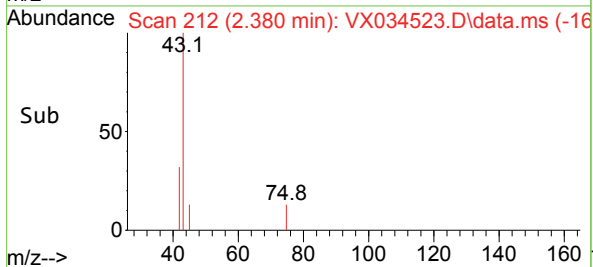
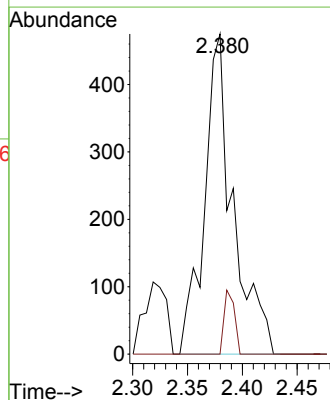
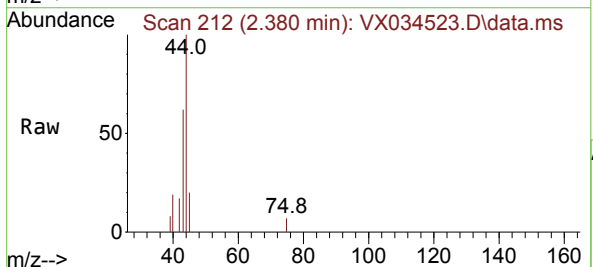
Acq: 15 Mar 2023 21:04

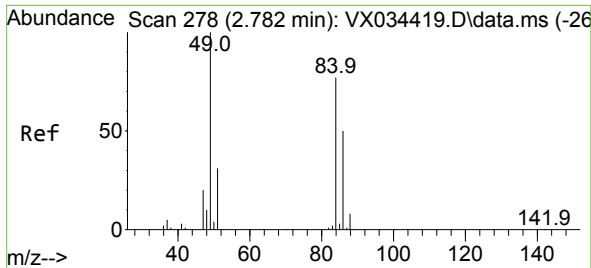
Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

58 0.0 24.7 37.1#

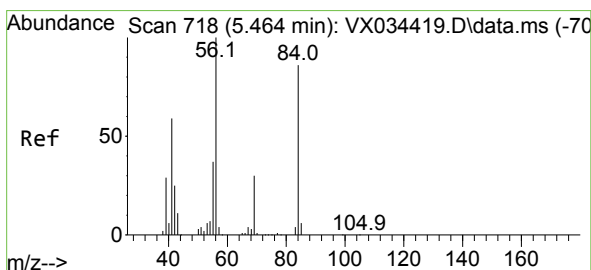
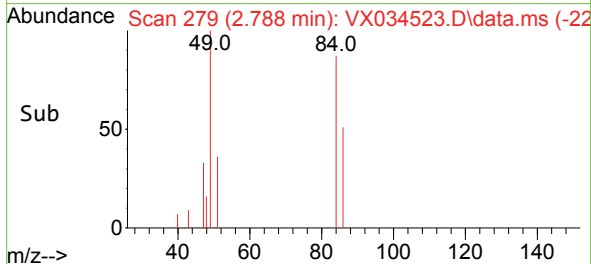
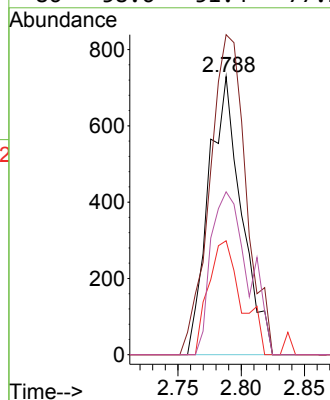
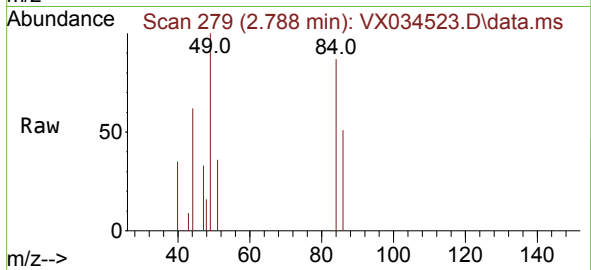




#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

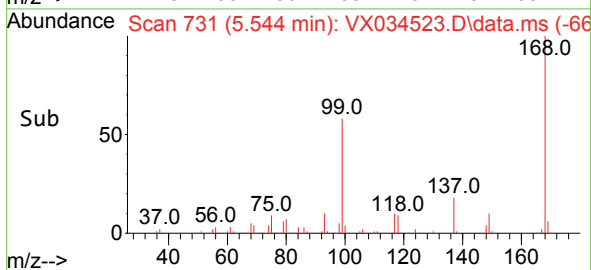
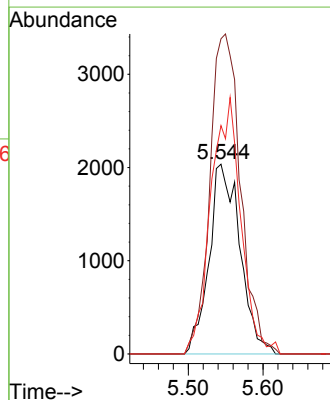
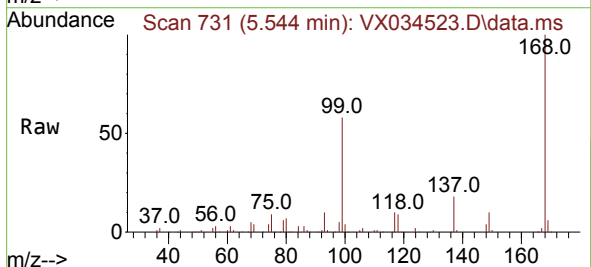
Instrument :
MSVOA_X
ClientSampleId :
IBLK

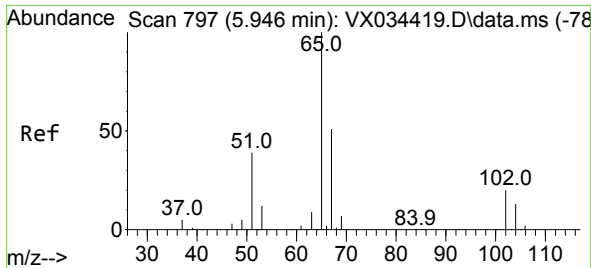
Tgt Ion:	84	Resp:	1319
Ion	Ratio	Lower	Upper
84	100		
49	115.1	103.8	155.8
51	41.0	31.8	47.8
86	58.6	51.4	77.2



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

Tgt Ion:	56	Resp:	5866
Ion	Ratio	Lower	Upper
56	100		
69	166.2	23.7	35.5#
84	120.3	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.562 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034523.D

Acq: 15 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

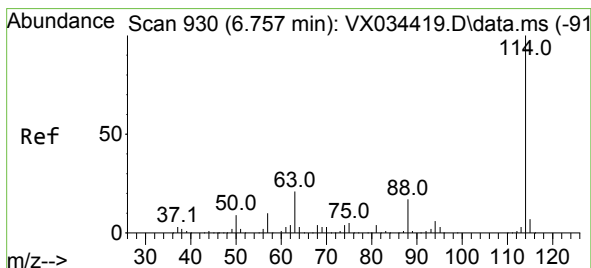
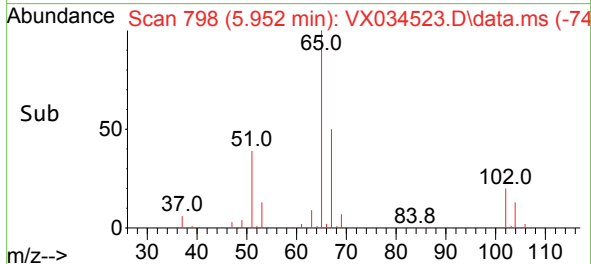
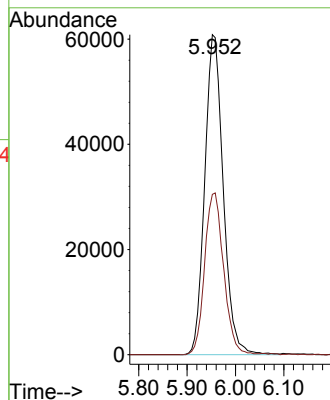
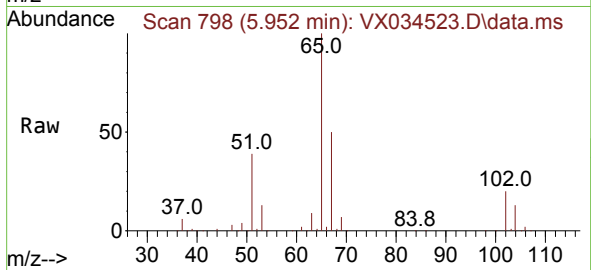
IBLK

Tgt Ion: 65 Resp: 161840

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034523.D

Acq: 15 Mar 2023 21:04

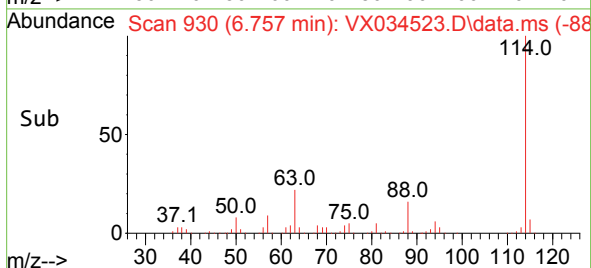
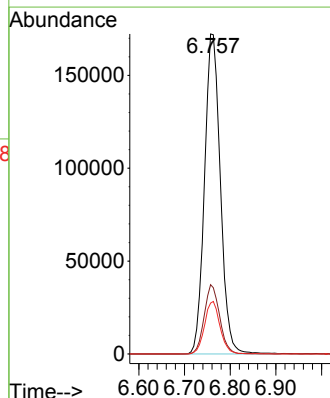
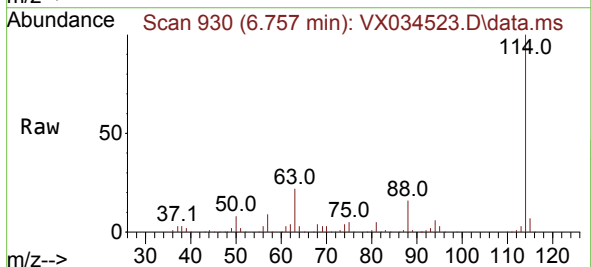
Tgt Ion: 114 Resp: 415876

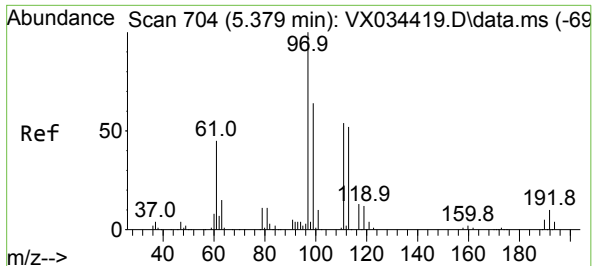
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.814 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034523.D

Acq: 15 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

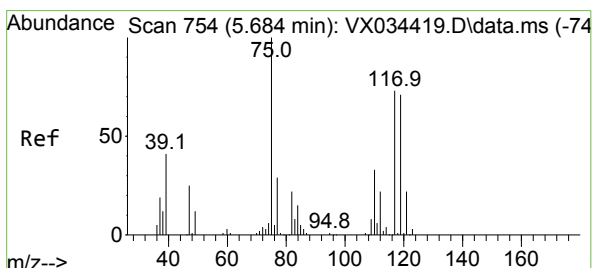
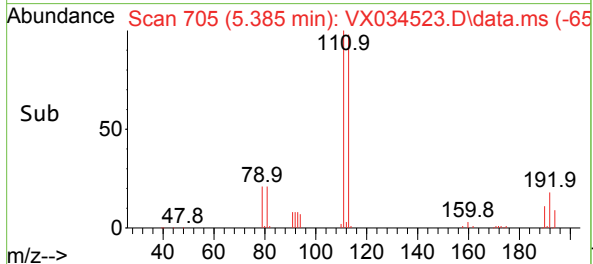
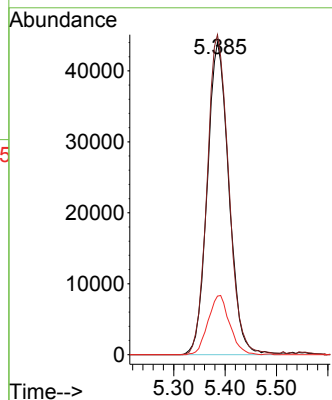
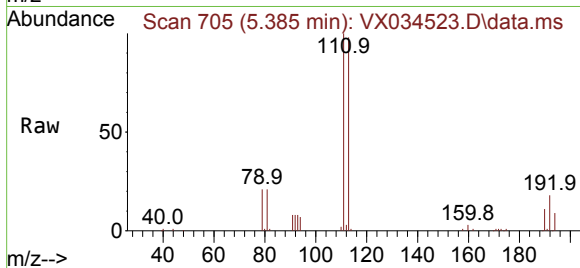
Tgt Ion:113 Resp: 128543

Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

192 18.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.622 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX034523.D

Acq: 15 Mar 2023 21:04

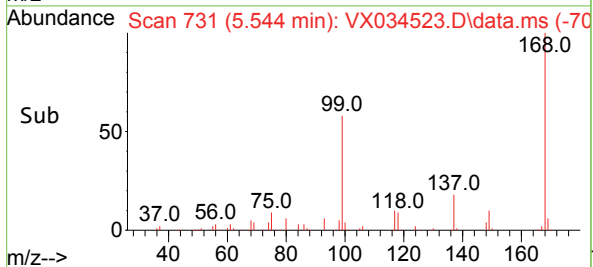
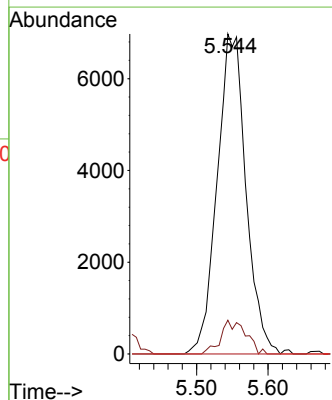
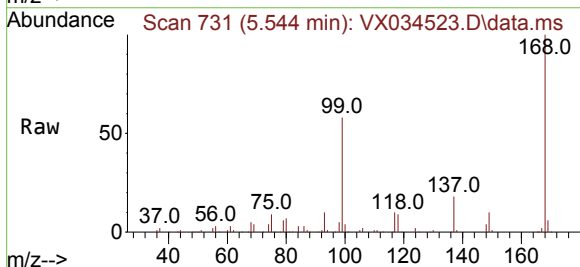
Tgt Ion: 75 Resp: 19494

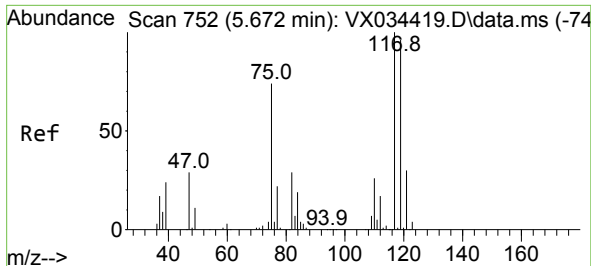
Ion Ratio Lower Upper

75 100

110 9.2 17.5 52.5#

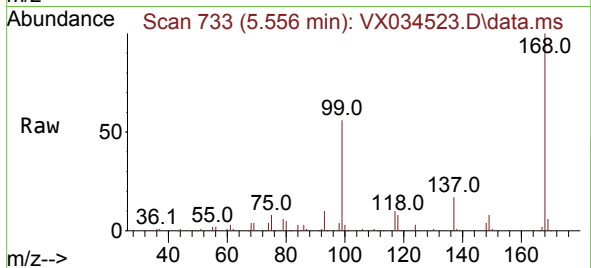
77 0.0 24.3 36.5#



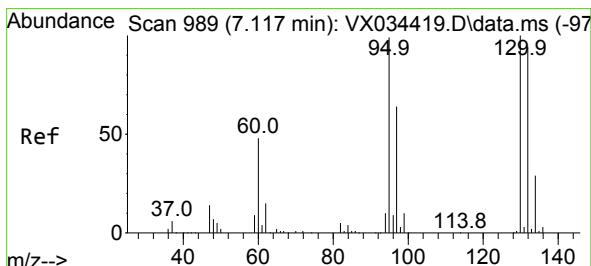
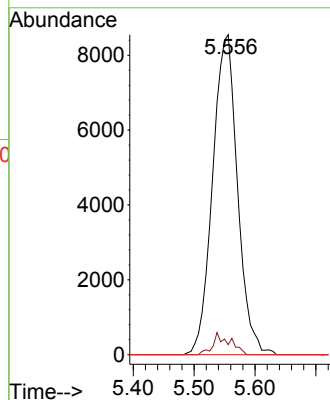
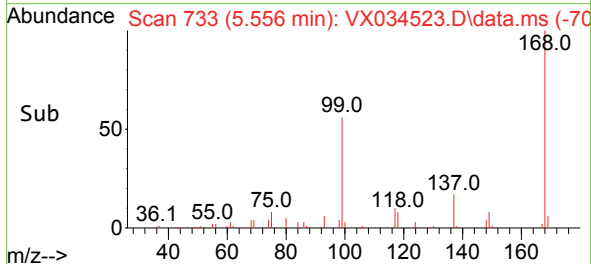


#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

Instrument :
MSVOA_X
ClientSampleId :
IBLK

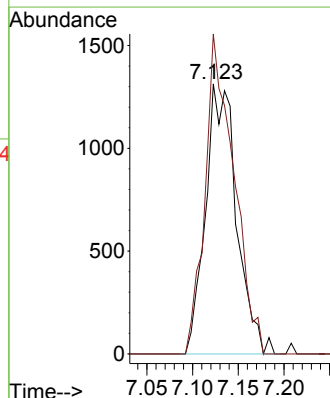
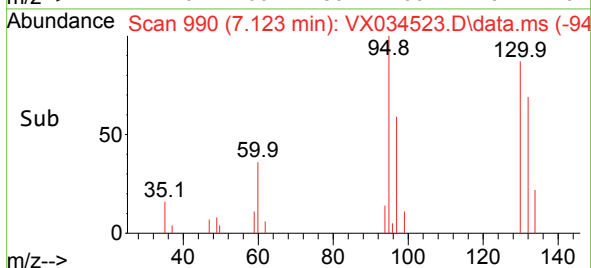
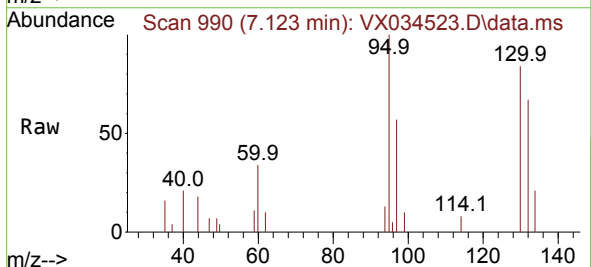


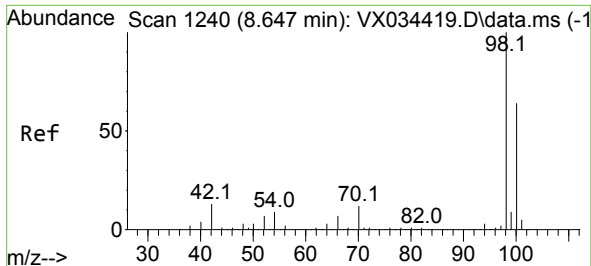
Tgt Ion:117 Resp: 24266
Ion Ratio Lower Upper
117 100
119 3.1 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.966 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

Tgt Ion:130 Resp: 3095
Ion Ratio Lower Upper
130 100
95 118.5 0.0 198.4

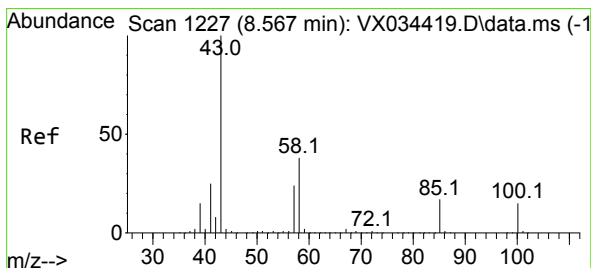
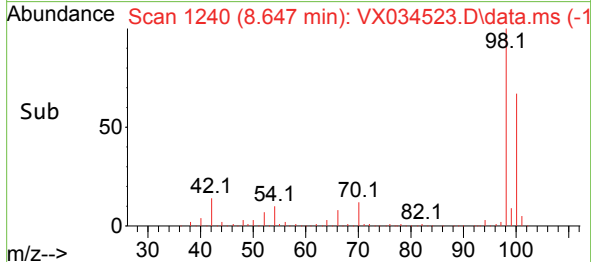
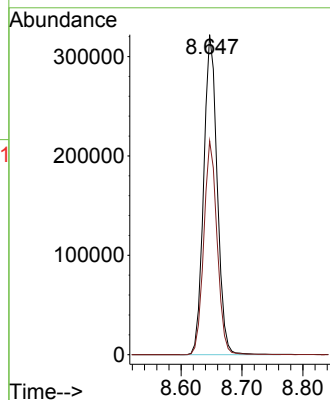
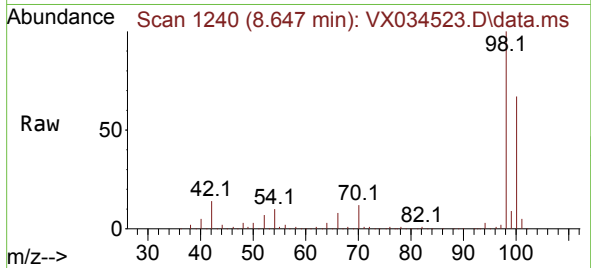




#50
Toluene-d8
Concen: 48.445 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

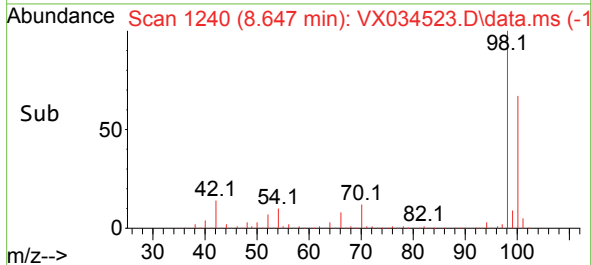
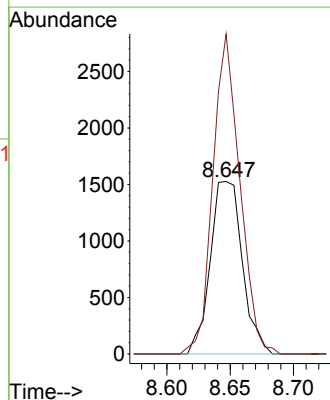
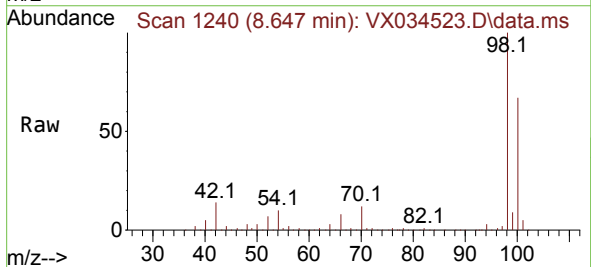
Instrument :
MSVOA_X
ClientSampleId :
IBLK

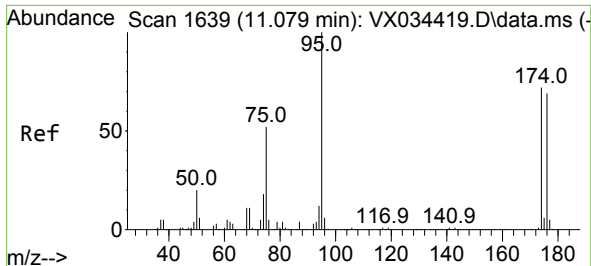
Tgt Ion: 98 Resp: 496572
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
58 155.5 30.6 46.0#

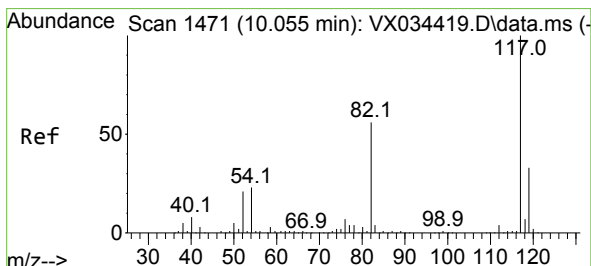
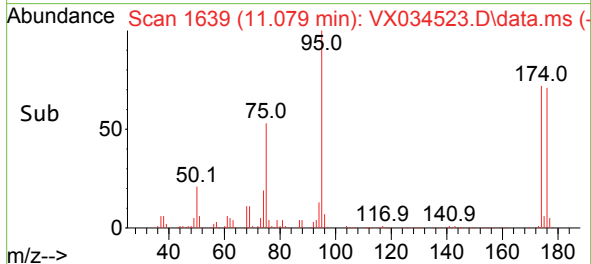
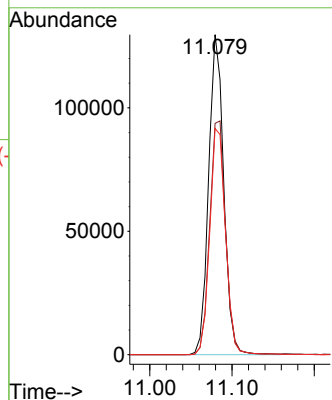
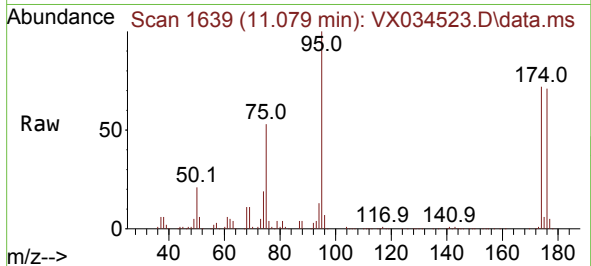




#62
4-Bromofluorobenzene
Concen: 39.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

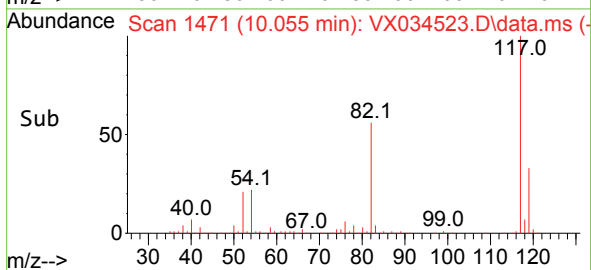
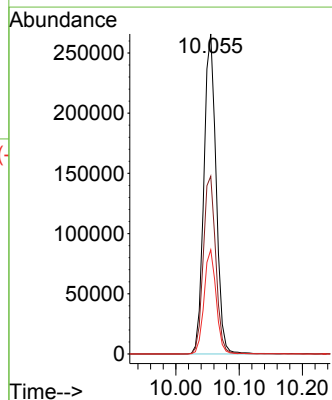
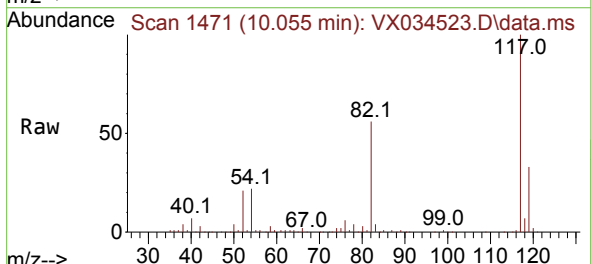
Instrument :
MSVOA_X
ClientSampleId :
IBLK

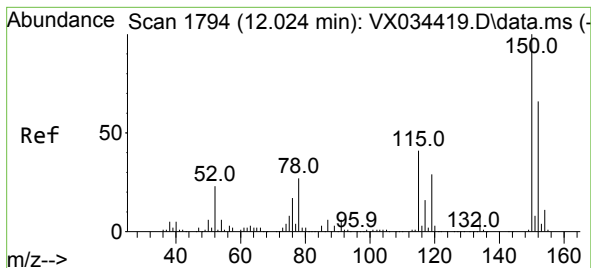
Tgt Ion: 95 Resp: 165443
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.4
176 73.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034523.D
Acq: 15 Mar 2023 21:04

Tgt Ion: 117 Resp: 358182
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034523.D

Acq: 15 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

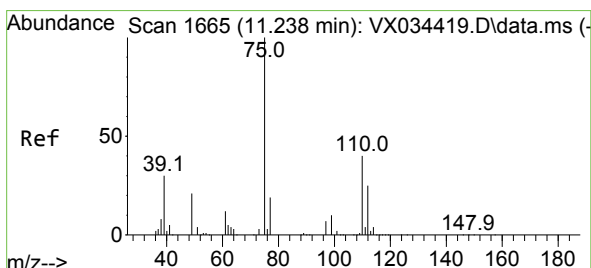
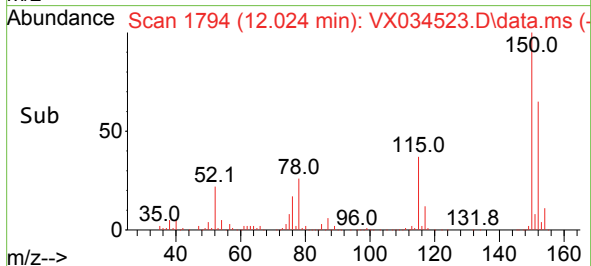
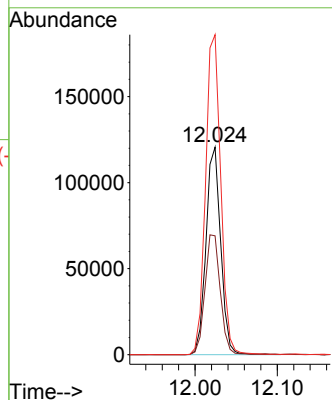
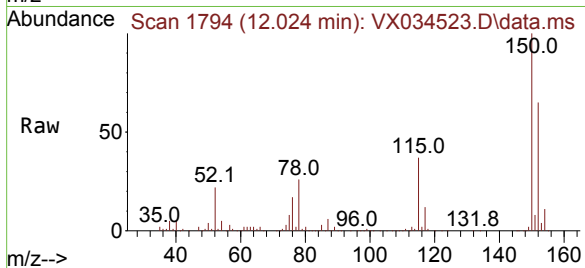
Tgt Ion:152 Resp: 150036

Ion Ratio Lower Upper

152 100

115 60.1 45.0 135.0

150 158.9 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.694 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034523.D

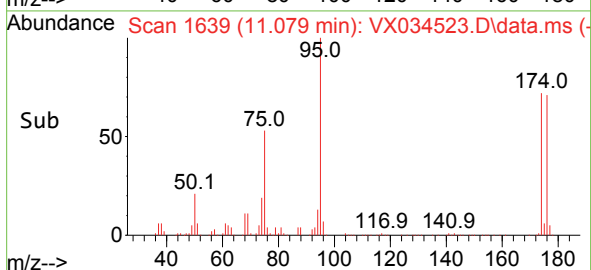
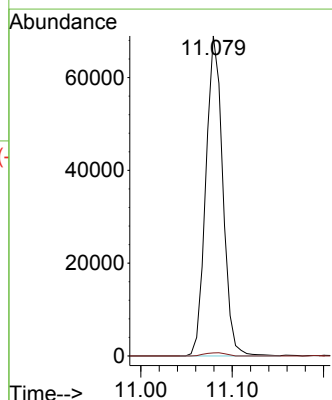
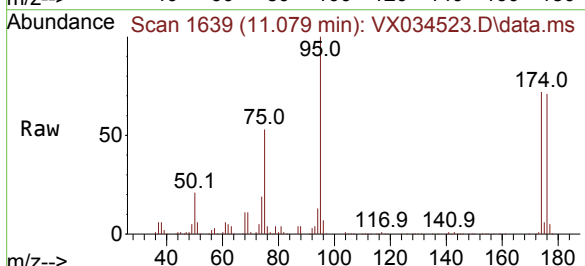
Acq: 15 Mar 2023 21:04

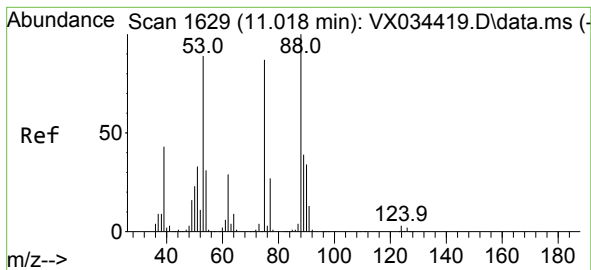
Tgt Ion: 75 Resp: 88515

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.509 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034523.D
 Acq: 15 Mar 2023 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 88515
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

