

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034469.D
 Acq On : 14 Mar 2023 16:54
 Operator : JC/MD
 Sample : 01892-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03

Quant Time: Mar 15 06:50:07 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)

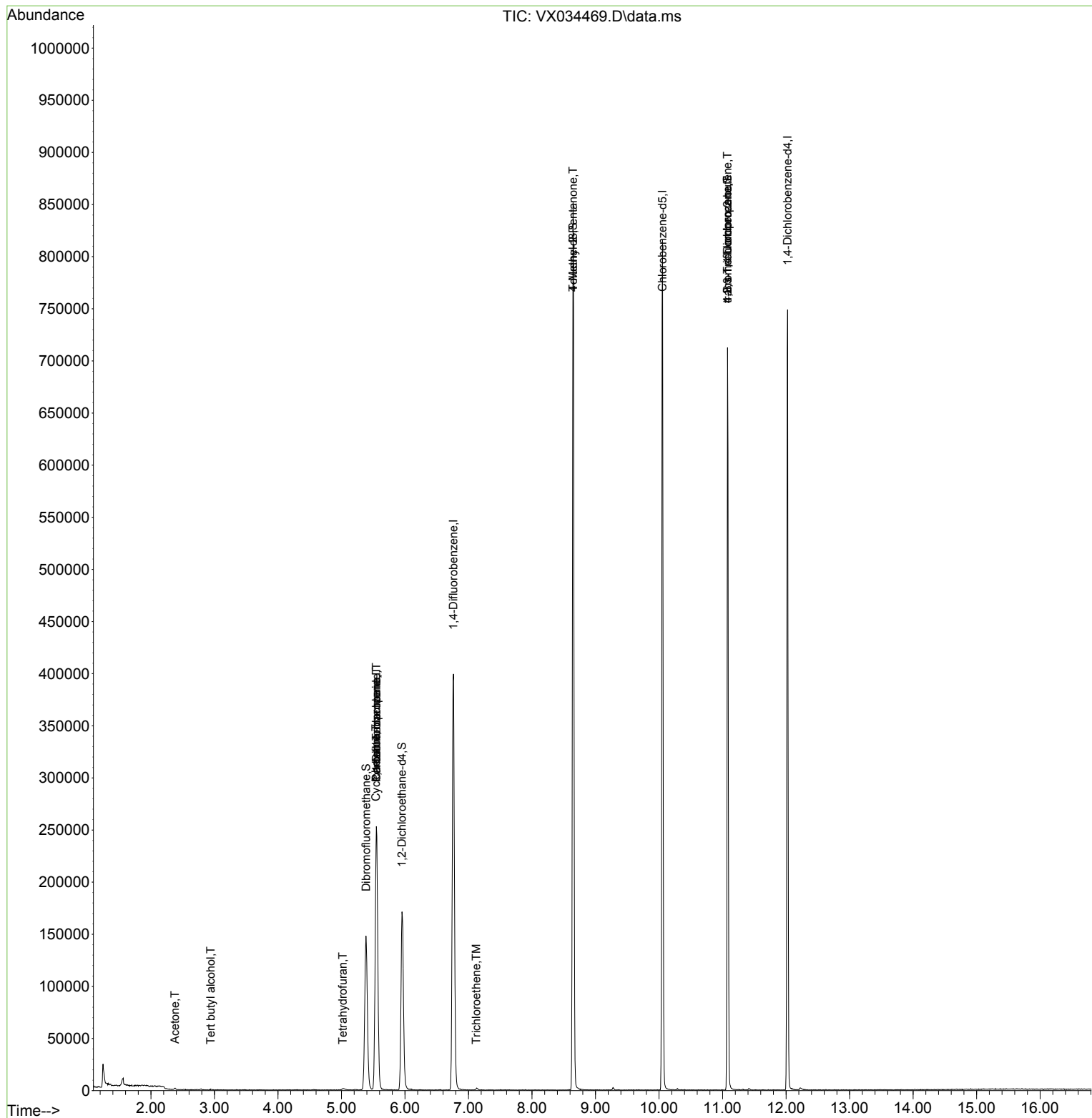
Internal Standards						
1) Pentafluorobenzene	5.550	168	243904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	410577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161563	45.532	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	91.060%	
35) Dibromofluoromethane	5.385	113	128572	47.429	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.860%	
50) Toluene-d8	8.647	98	493258	48.742	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.480%	
62) 4-Bromofluorobenzene	11.079	95	181143	44.316	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	828	Below Cal	#	78
11) Tert butyl alcohol	2.940	59	378	0.512	ug/l #	73
16) Acetone	2.380	43	1527	0.914	ug/l	98
29) Tetrahydrofuran	5.019	42	603	0.409	ug/l #	38
31) Cyclohexane	5.544	56	5268	1.059	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18695	4.490	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23981	5.790	ug/l #	16
44) Trichloroethene	7.123	130	766	0.242	ug/l	80
51) 4-Methyl-2-Pentanone	8.647	43	2238	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	93152	26.997	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93152	73.034	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
Data File : VX034469.D
Acq On : 14 Mar 2023 16:54
Operator : JC/MD
Sample : 01892-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB03

Quant Time: Mar 15 06:50:07 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

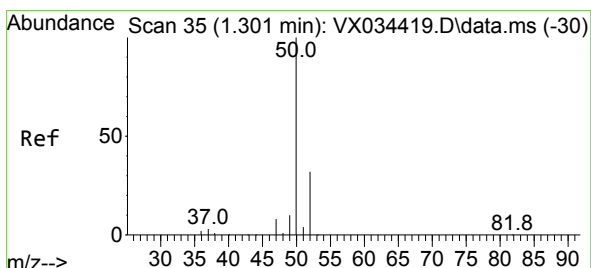
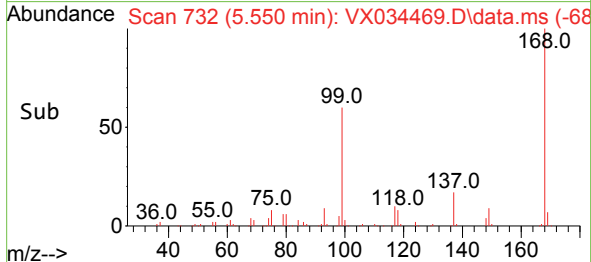
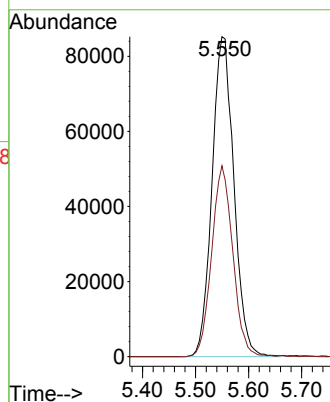
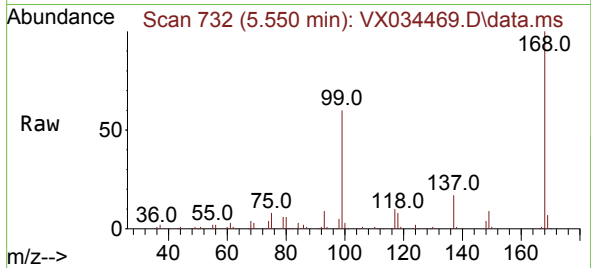




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034469.D
Acq: 14 Mar 2023 16:54

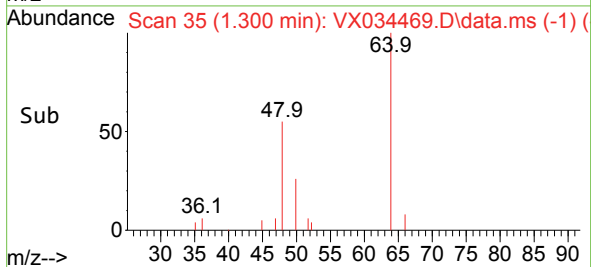
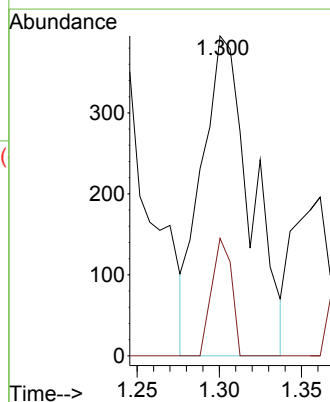
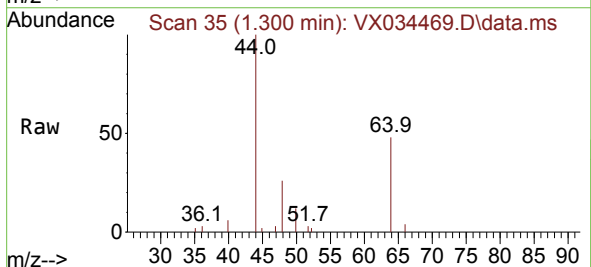
Instrument :
MSVOA_X
ClientSampleId :
TB03

Tgt Ion:168 Resp: 243904
Ion Ratio Lower Upper
168 100
99 59.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034469.D
Acq: 14 Mar 2023 16:54

Tgt Ion: 50 Resp: 828
Ion Ratio Lower Upper
50 100
52 44.6 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.512 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034469.D

Acq: 14 Mar 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

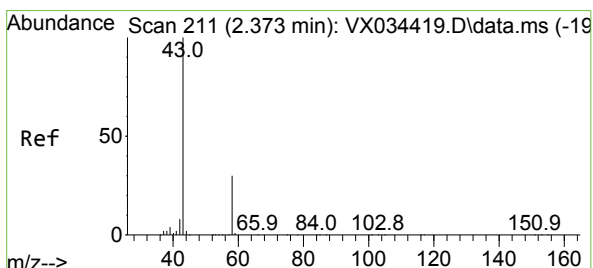
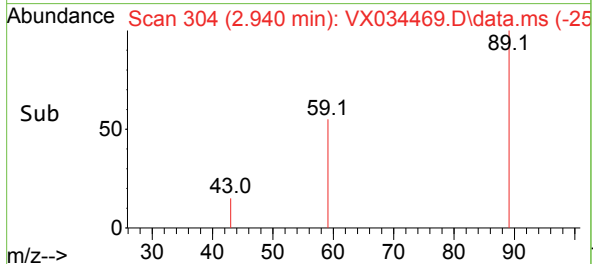
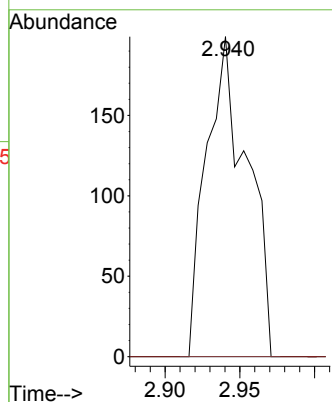
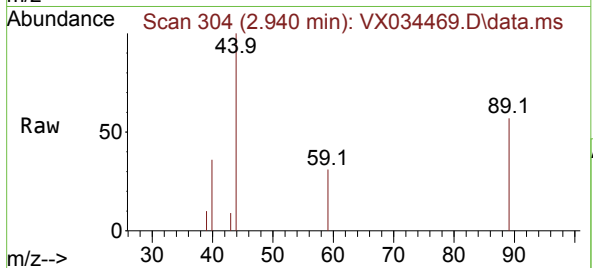
TB03

Tgt Ion: 59 Resp: 378

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.914 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034469.D

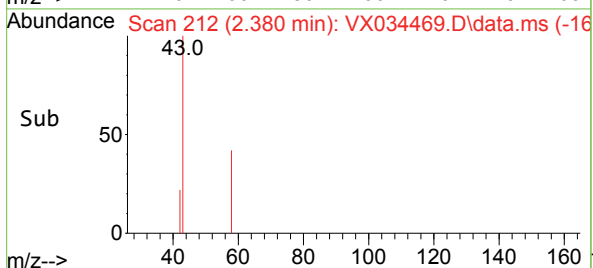
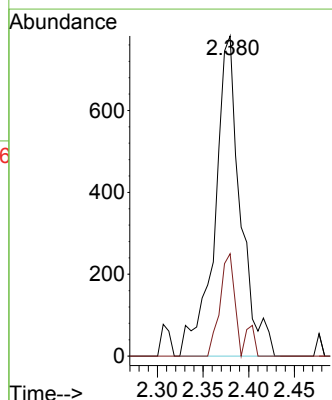
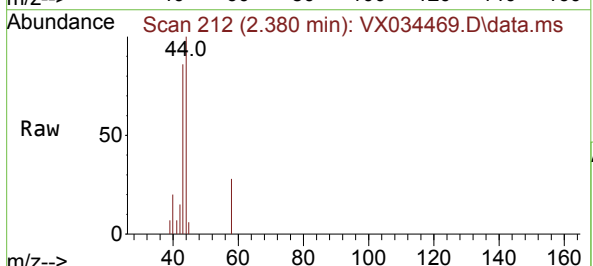
Acq: 14 Mar 2023 16:54

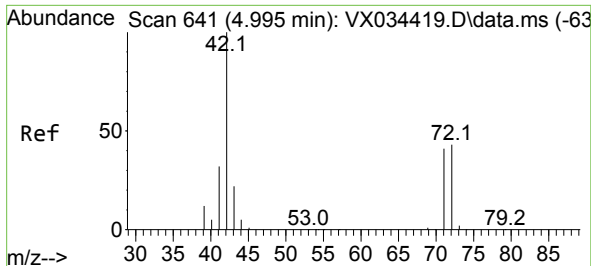
Tgt Ion: 43 Resp: 1527

Ion Ratio Lower Upper

43 100

58 32.0 24.7 37.1





#29

Tetrahydrofuran

Concen: 0.409 ug/l

RT: 5.019 min Scan# 641

Delta R.T. 0.024 min

Lab File: VX034469.D

Acq: 14 Mar 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

TB03

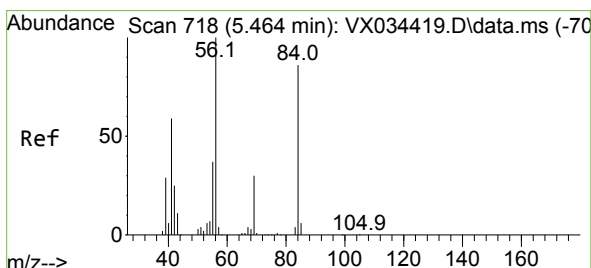
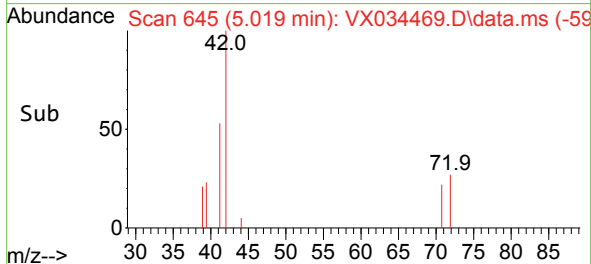
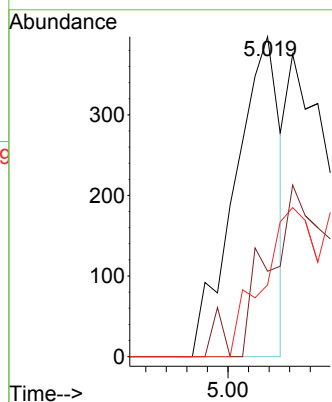
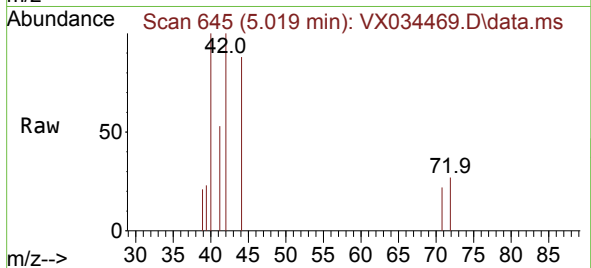
Tgt Ion: 42 Resp: 603

Ion Ratio Lower Upper

42 100

72 79.4 34.5 51.7#

71 82.4 32.1 48.1#



#31

Cyclohexane

Concen: 1.059 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX034469.D

Acq: 14 Mar 2023 16:54

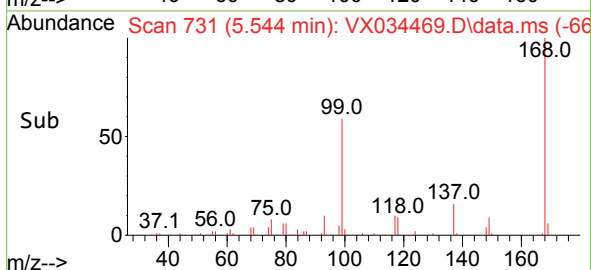
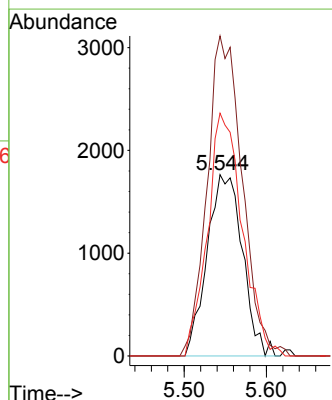
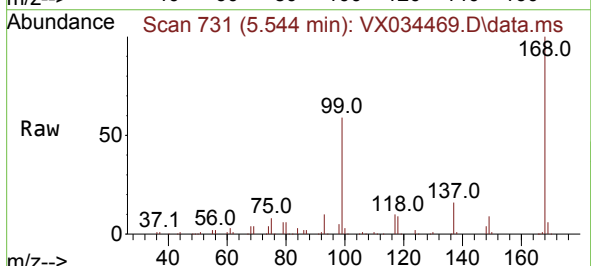
Tgt Ion: 56 Resp: 5268

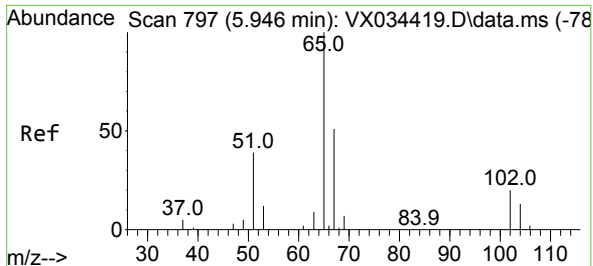
Ion Ratio Lower Upper

56 100

69 176.5 23.7 35.5#

84 133.8 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.532 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034469.D

Acq: 14 Mar 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

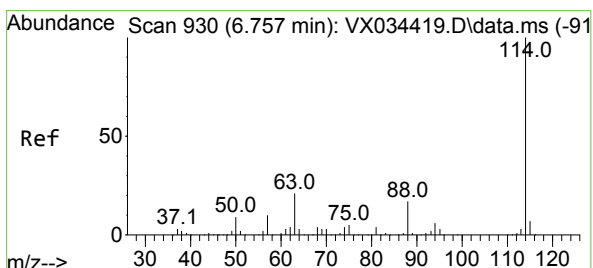
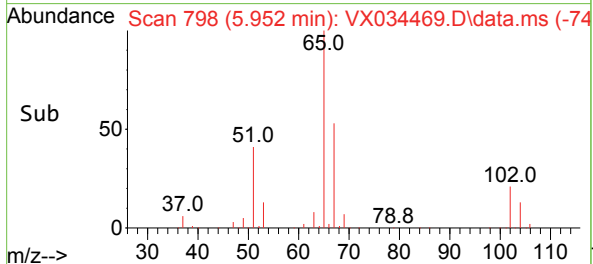
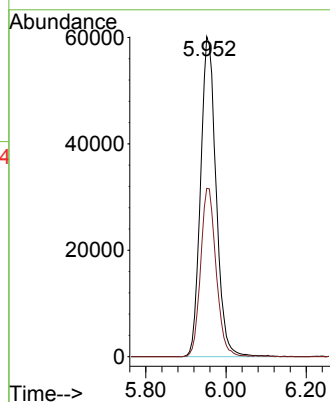
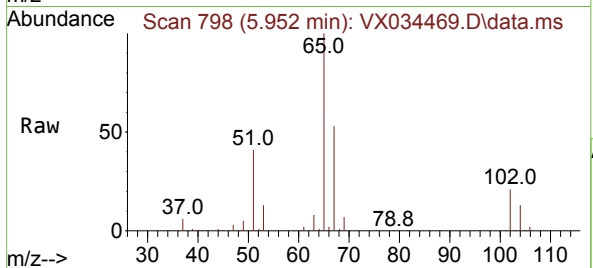
TB03

Tgt Ion: 65 Resp: 161563

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034469.D

Acq: 14 Mar 2023 16:54

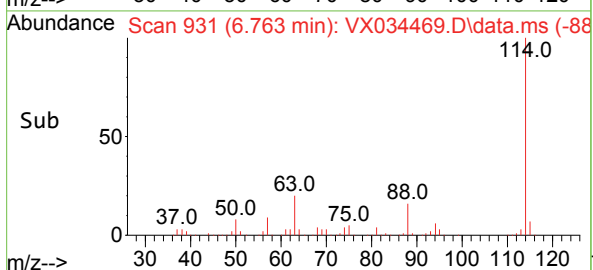
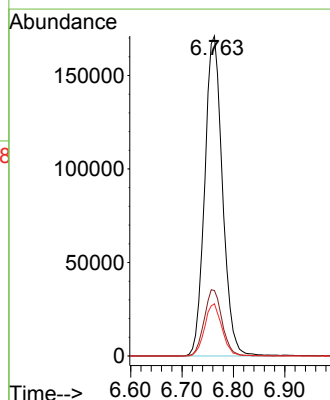
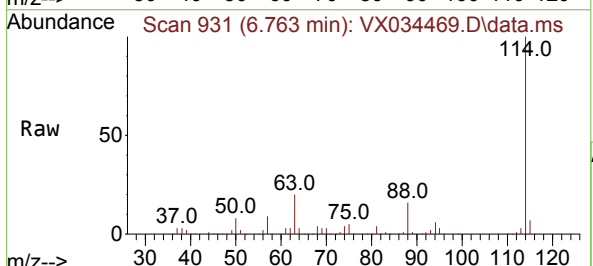
Tgt Ion: 114 Resp: 410577

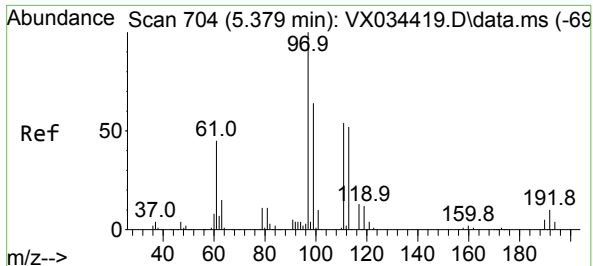
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.429 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034469.D

Acq: 14 Mar 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

TB03

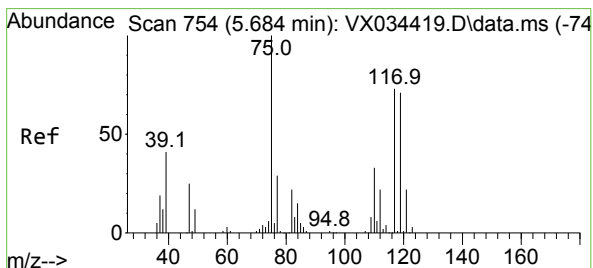
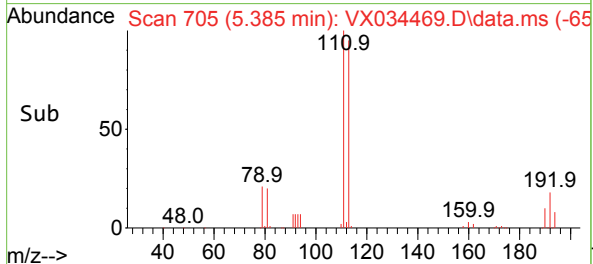
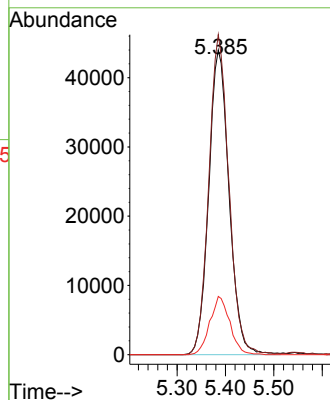
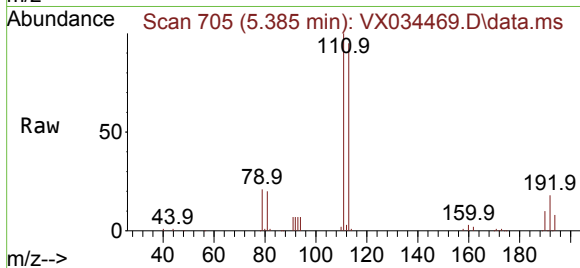
Tgt Ion:113 Resp: 128572

Ion Ratio Lower Upper

113 100

111 103.4 83.7 125.5

192 18.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.490 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX034469.D

Acq: 14 Mar 2023 16:54

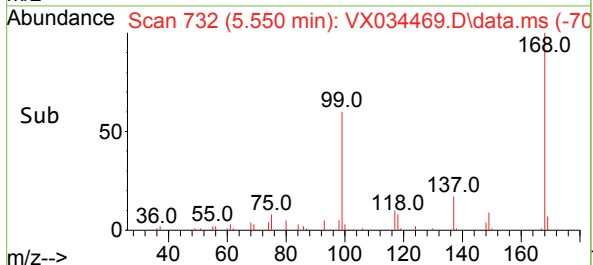
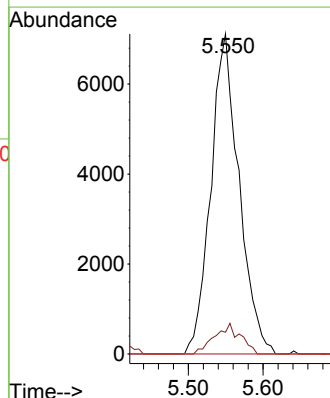
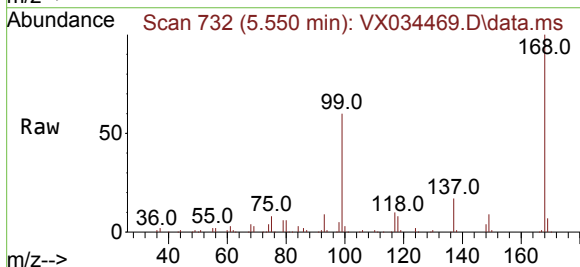
Tgt Ion: 75 Resp: 18695

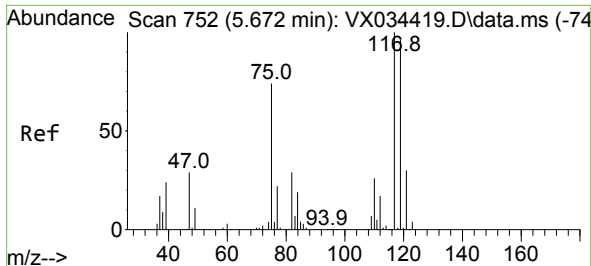
Ion Ratio Lower Upper

75 100

110 8.7 17.5 52.5#

77 0.0 24.3 36.5#

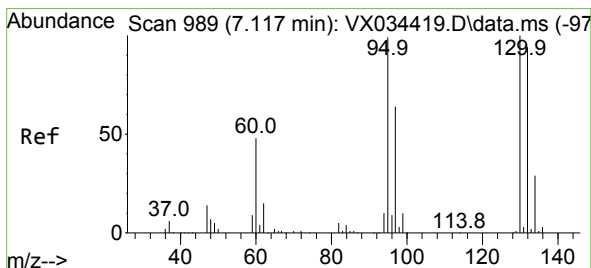
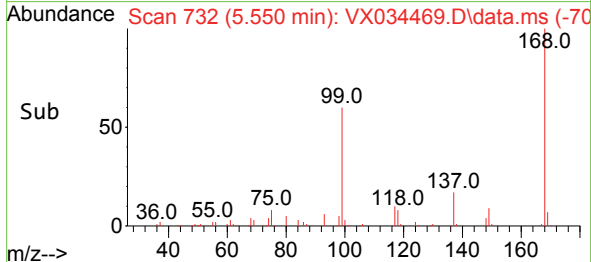
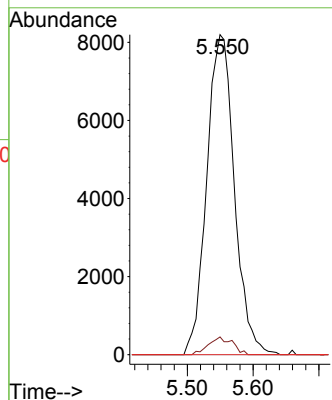
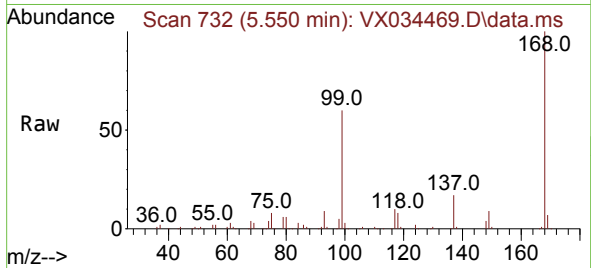




#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034469.D
Acq: 14 Mar 2023 16:54

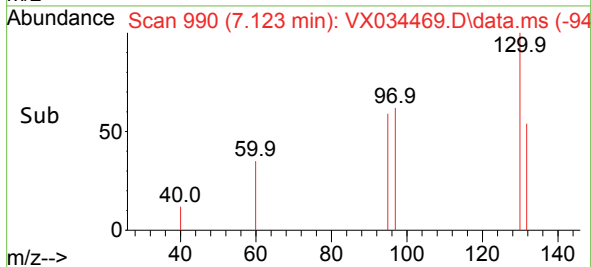
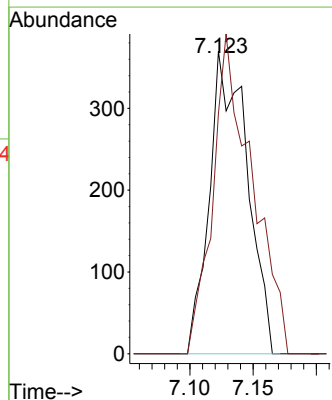
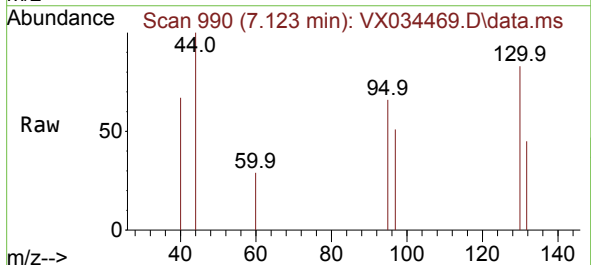
Instrument :
MSVOA_X
ClientSampleId :
TB03

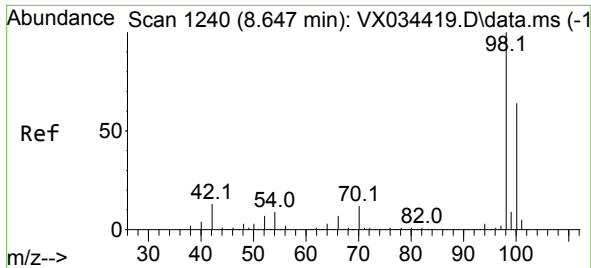
Tgt Ion:117 Resp: 23981
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.242 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034469.D
Acq: 14 Mar 2023 16:54

Tgt Ion:130 Resp: 766
Ion Ratio Lower Upper
130 100
95 79.5 0.0 198.4

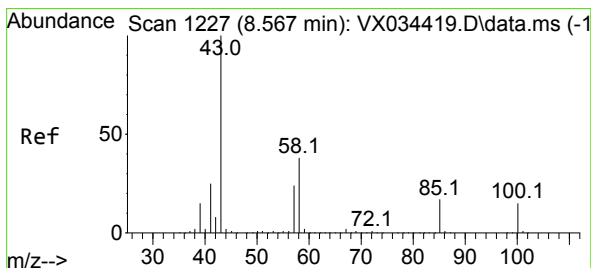
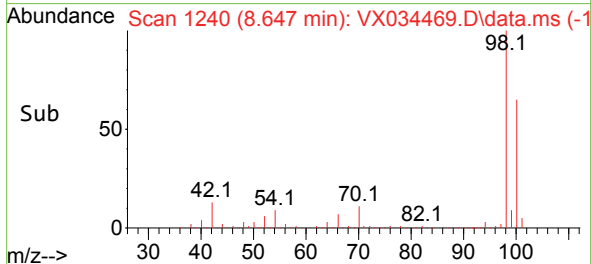
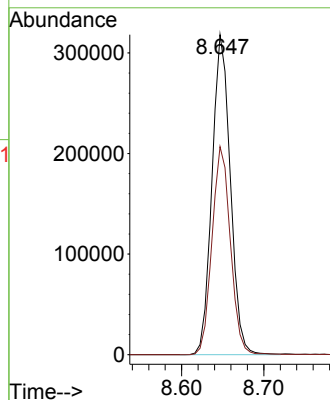
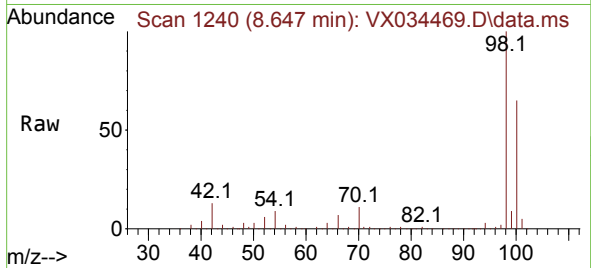




#50
Toluene-d8
Concen: 48.742 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034469.D
Acq: 14 Mar 2023 16:54

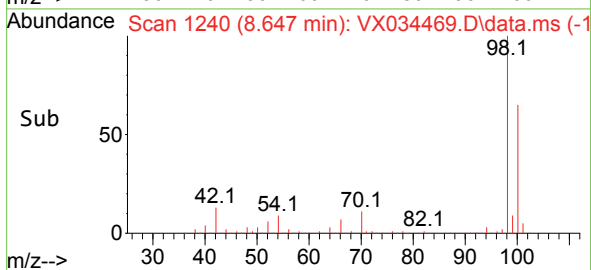
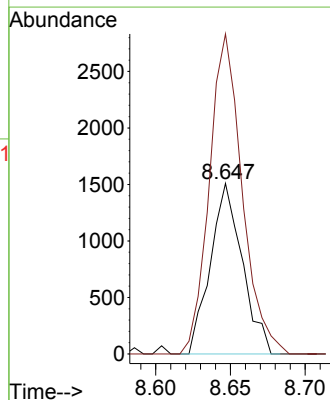
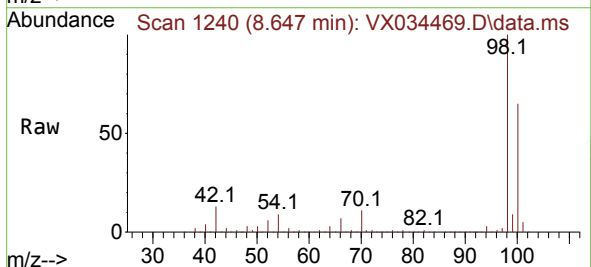
Instrument :
MSVOA_X
ClientSampleId :
TB03

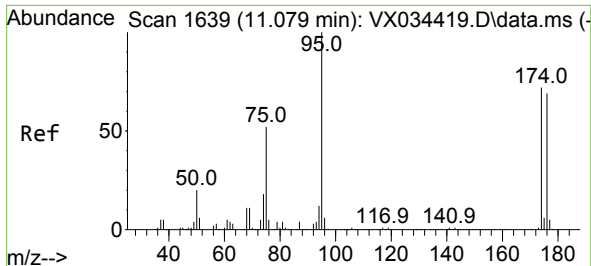
Tgt Ion: 98 Resp: 493258
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034469.D
Acq: 14 Mar 2023 16:54

Tgt Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
58 193.2 30.6 46.0#

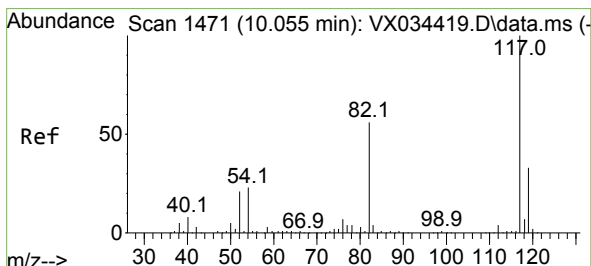
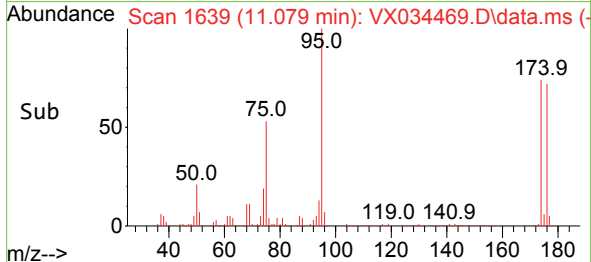
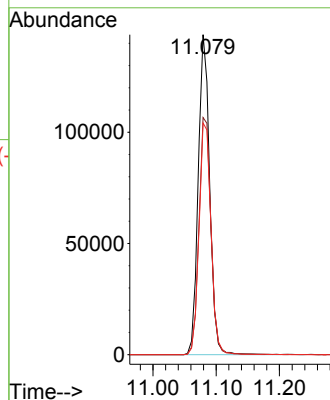
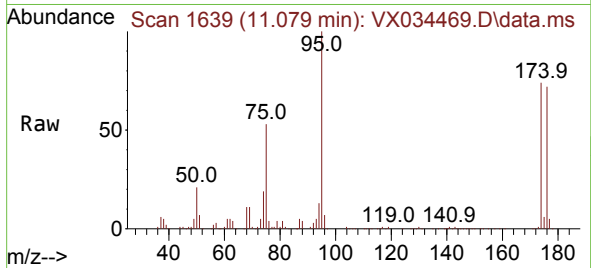




#62
4-Bromofluorobenzene
Concen: 44.316 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034469.D
Acq: 14 Mar 2023 16:54

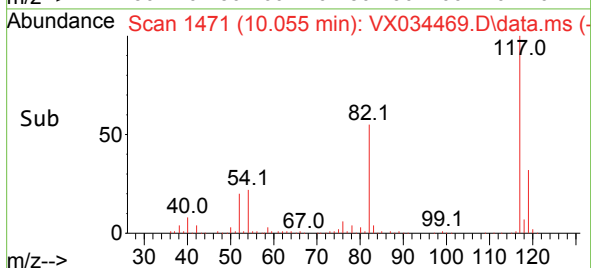
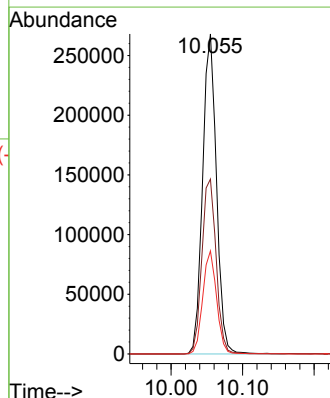
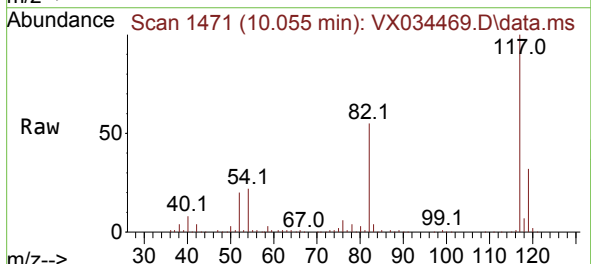
Instrument :
MSVOA_X
ClientSampleId :
TB03

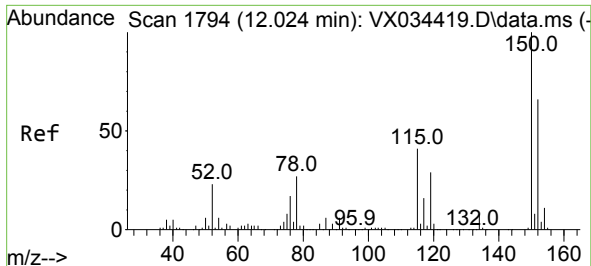
Tgt Ion: 95 Resp: 181143
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.4
176 75.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034469.D
Acq: 14 Mar 2023 16:54

Tgt Ion: 117 Resp: 360607
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.2 26.0 39.0

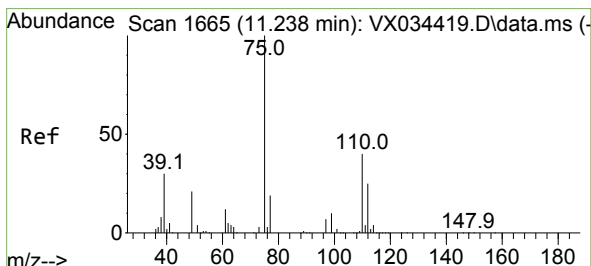
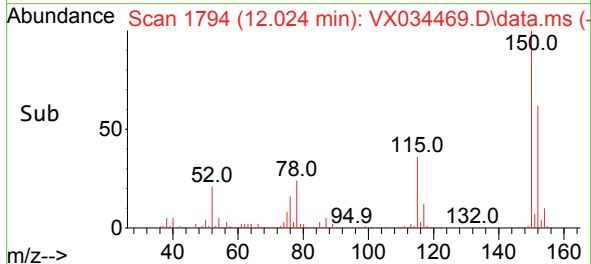
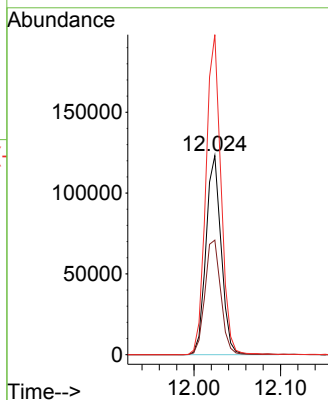
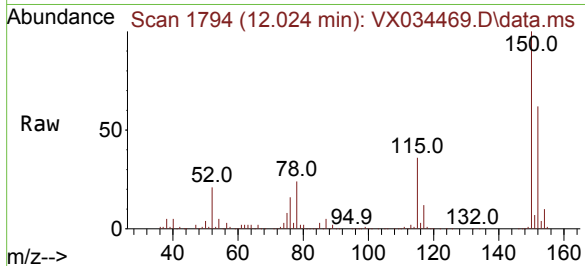




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX034469.D
 Acq: 14 Mar 2023 16:54

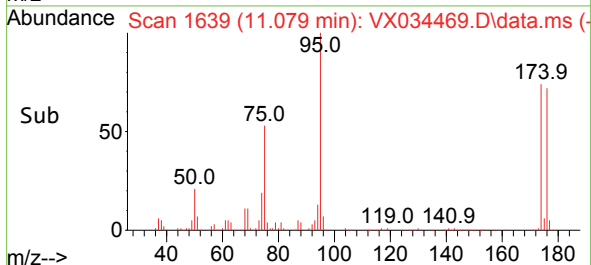
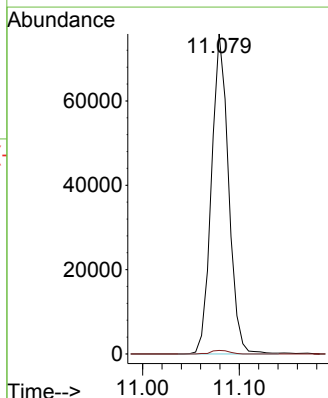
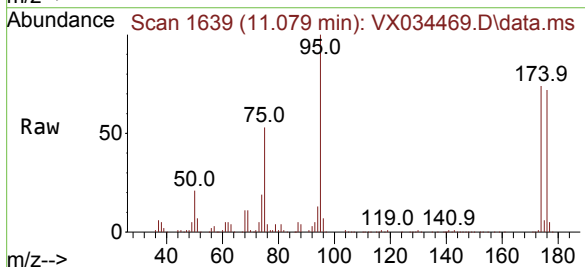
Instrument :
 MSVOA_X
 ClientSampleId :
 TB03

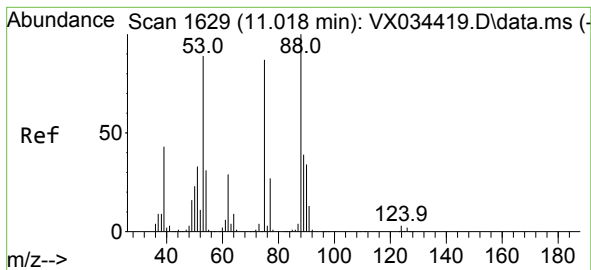
Tgt Ion:152 Resp: 150276
 Ion Ratio Lower Upper
 152 100
 115 60.0 45.0 135.0
 150 159.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.997 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034469.D
 Acq: 14 Mar 2023 16:54

Tgt Ion: 75 Resp: 93152
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.034 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034469.D
 Acq: 14 Mar 2023 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03

Tgt Ion: 75 Resp: 93152
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

