

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX029006.D
 Acq On : 26 May 2022 17:59
 Operator : JC/MD
 Sample : N3073-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 07:35:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

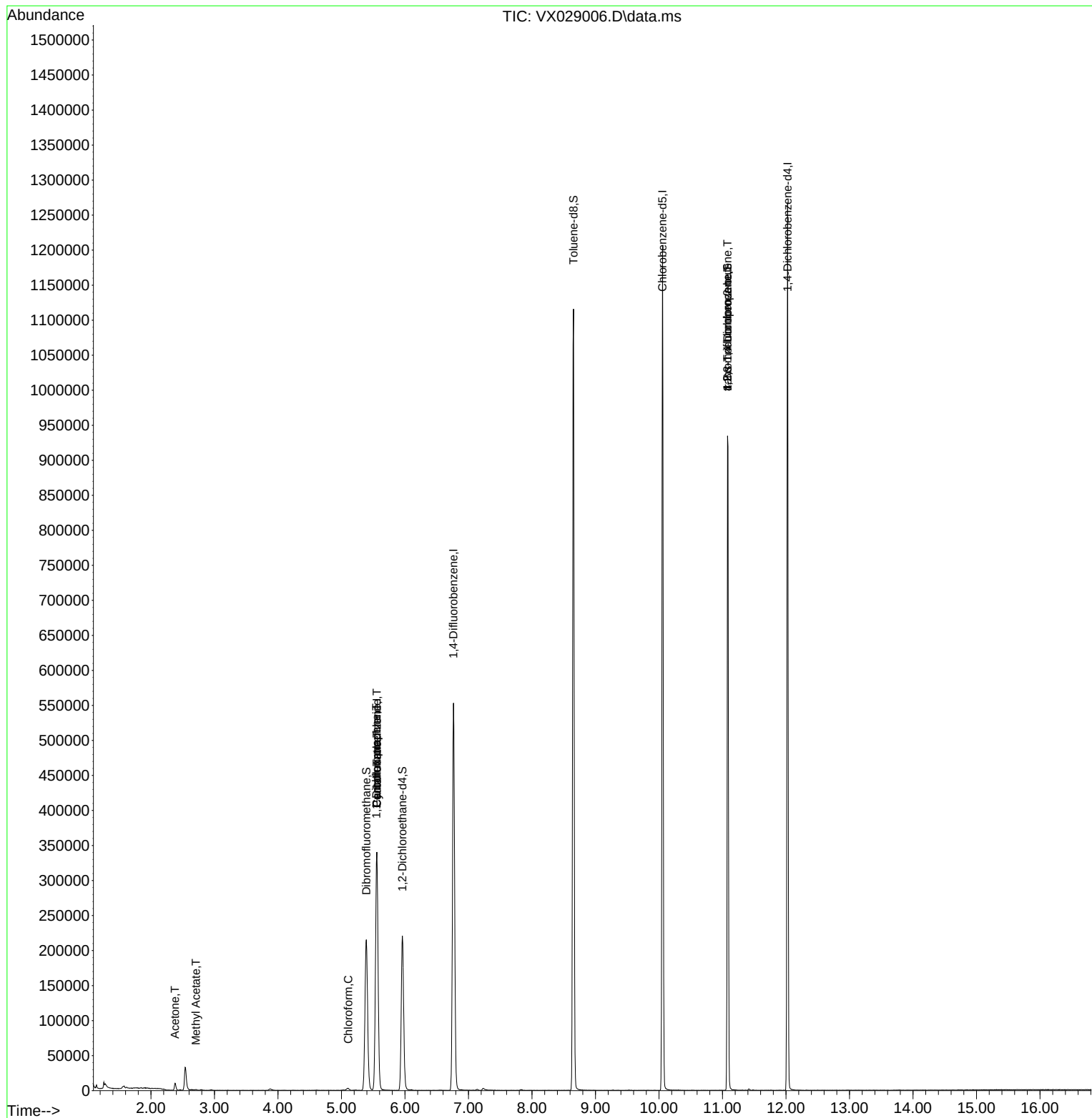
Internal Standards						
1) Pentafluorobenzene	5.556	168	321585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	571772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	546079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216889	49.201	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.400%
35) Dibromofluoromethane	5.391	113	191225	51.046	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.100%
50) Toluene-d8	8.653	98	685287	48.520	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	265498	50.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	939	Below Cal		84
6) Chloroethane	1.679	64	2323	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	588	Below Cal	#	72
16) Acetone	2.380	43	10574	5.589	ug/l	91
18) Methyl Acetate	2.709	43	1308	0.276	ug/l #	79
30) Chloroform	5.105	83	3750	0.522	ug/l	86
31) Cyclohexane	5.556	56	6053	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24864	4.419	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33258	5.873	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	132532	22.045	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	132532	64.544	ug/l #	15

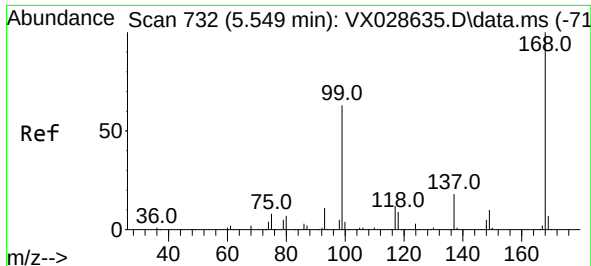
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

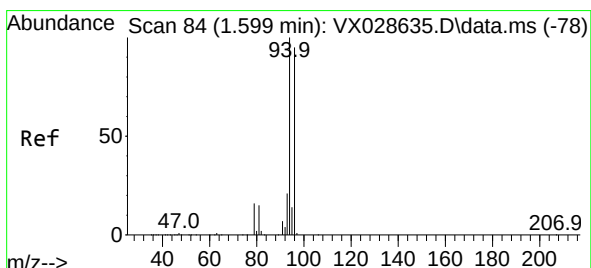
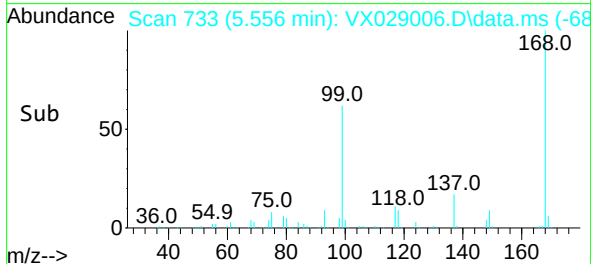
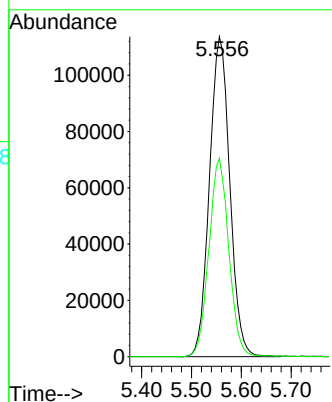
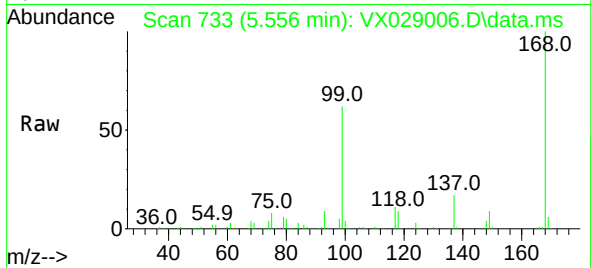




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

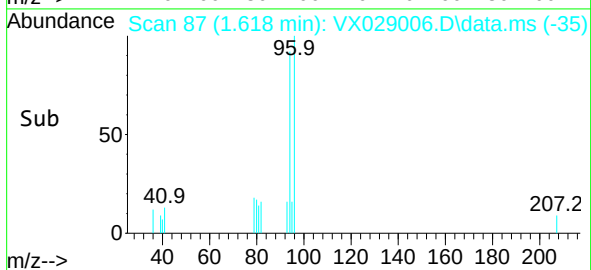
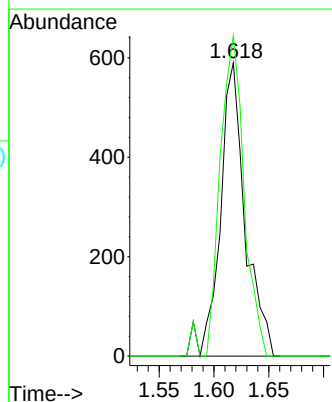
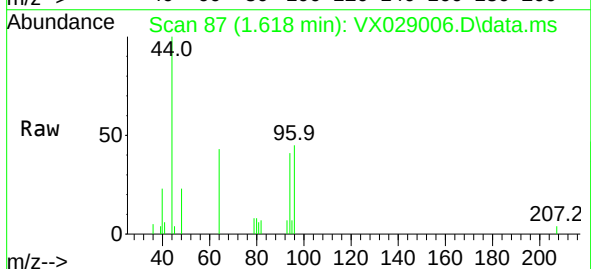
Instrument :
MSVOA_X
ClientSampleId :

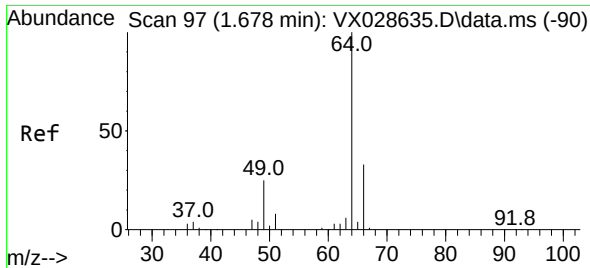
Tgt Ion:168 Resp: 321585
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

Tgt Ion: 94 Resp: 939
Ion Ratio Lower Upper
94 100
96 109.2 75.3 112.9

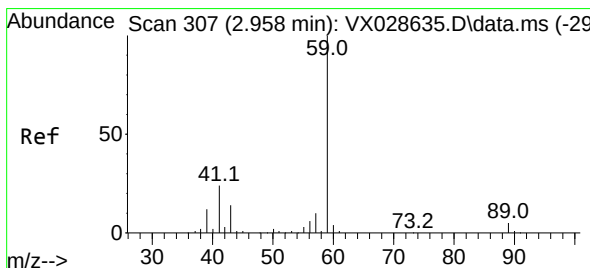
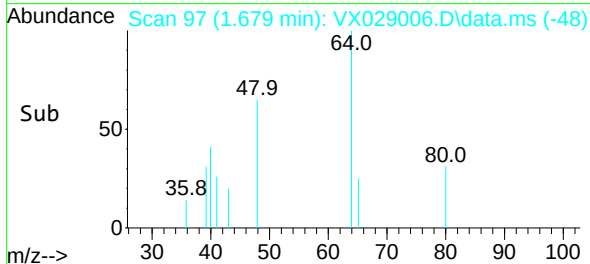
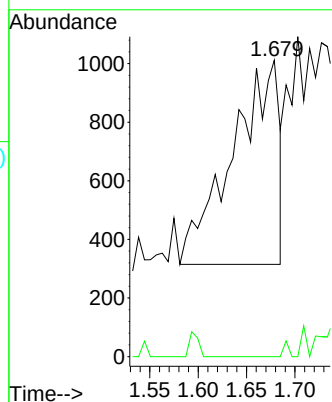
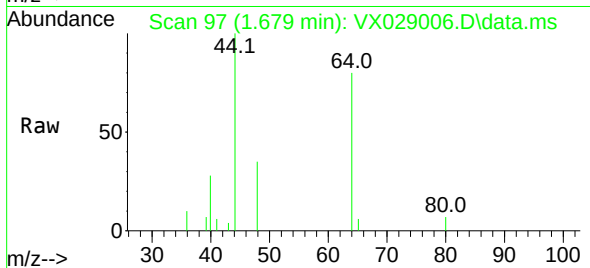




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

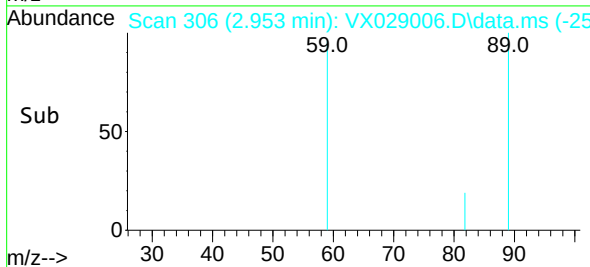
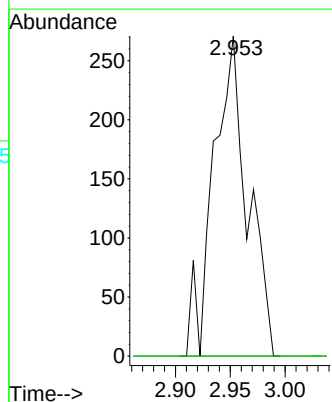
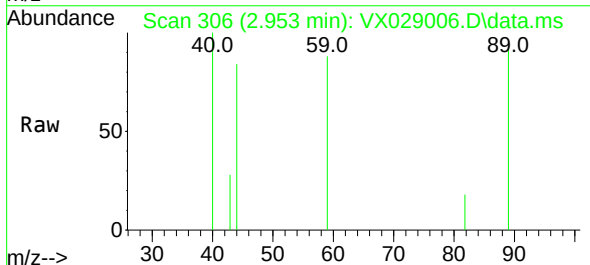
Instrument :
MSVOA_X
ClientSampleId :

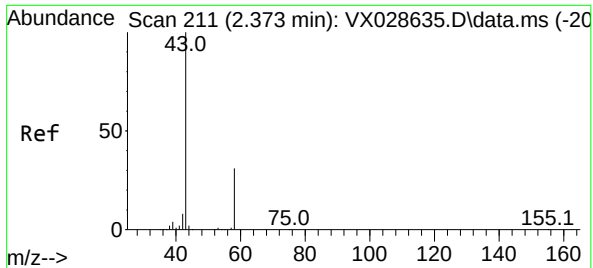
Tgt Ion: 64 Resp: 2323
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

Tgt Ion: 59 Resp: 588
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

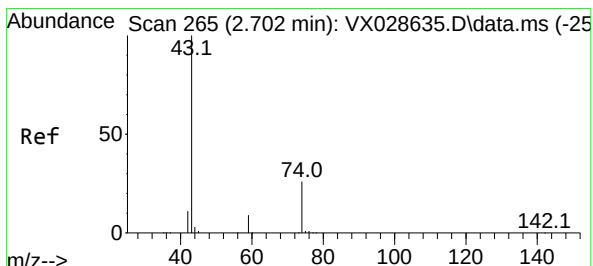
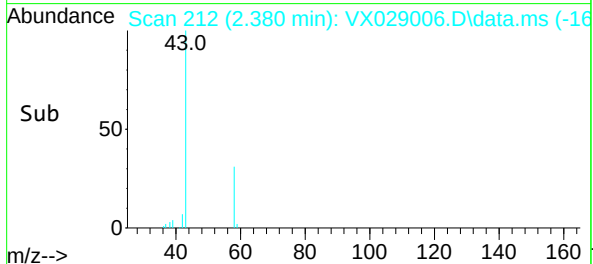
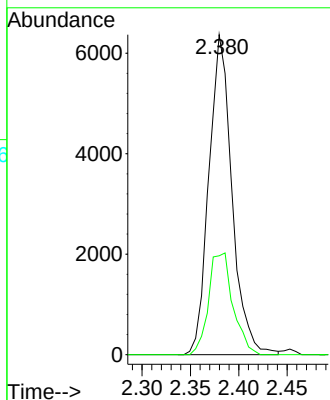
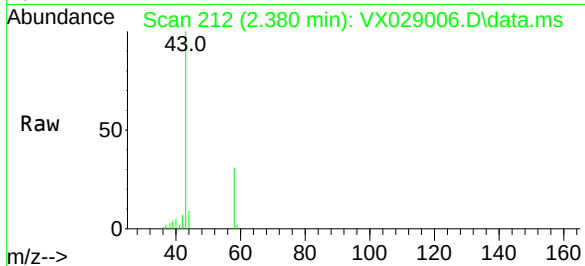




#16
Acetone
Concen: 5.589 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

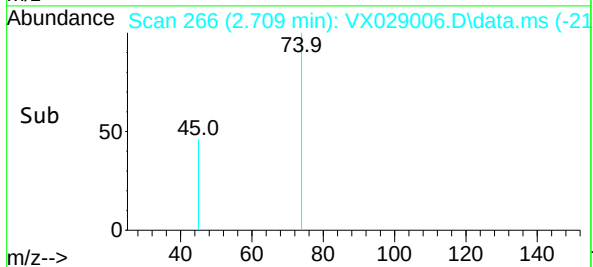
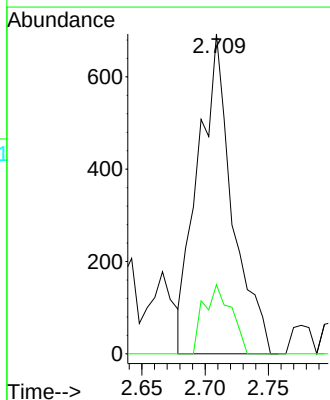
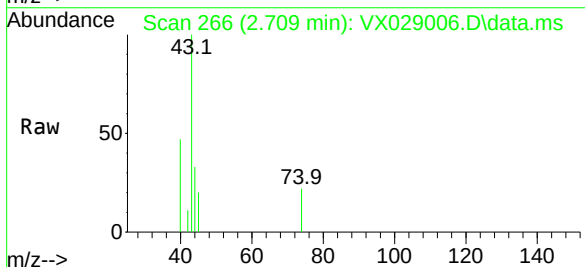
Instrument :
MSVOA_X
ClientSampleId :

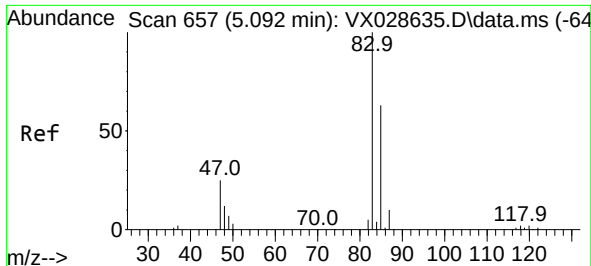
Tgt Ion: 43 Resp: 10574
Ion Ratio Lower Upper
43 100
58 30.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
74 17.3 22.8 34.2#





#30

Chloroform

Concen: 0.522 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.013 min

Lab File: VX029006.D

Acq: 26 May 2022 17:59

Instrument :

MSVOA_X

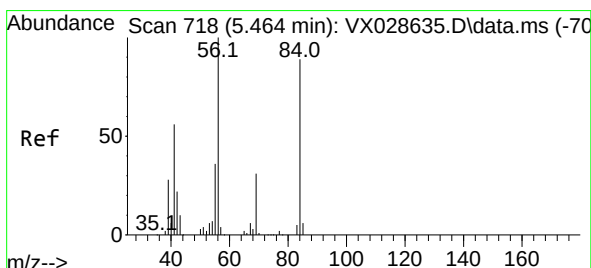
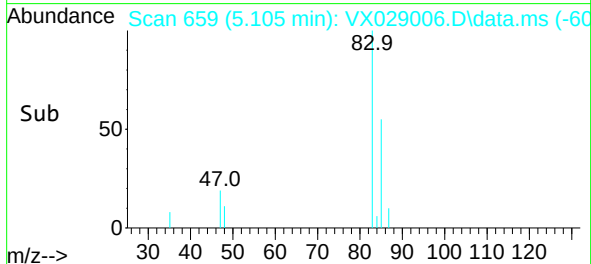
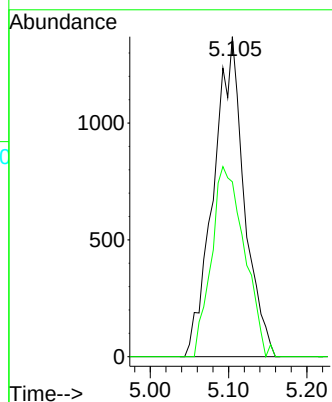
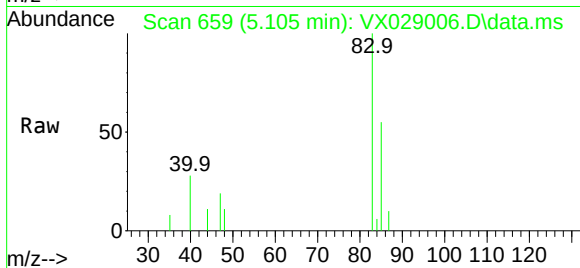
ClientSampleId :

Tgt Ion: 83 Resp: 3750

Ion Ratio Lower Upper

83 100

85 54.7 52.7 79.1



#31

Cyclohexane

Concen: 0.989 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX029006.D

Acq: 26 May 2022 17:59

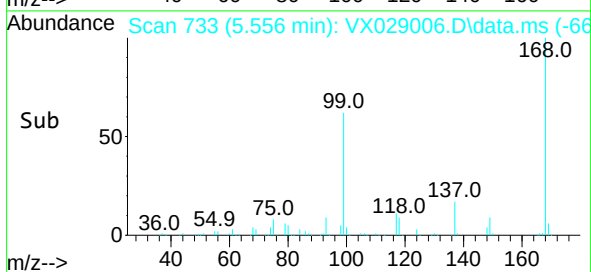
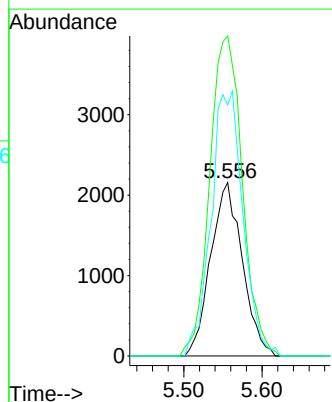
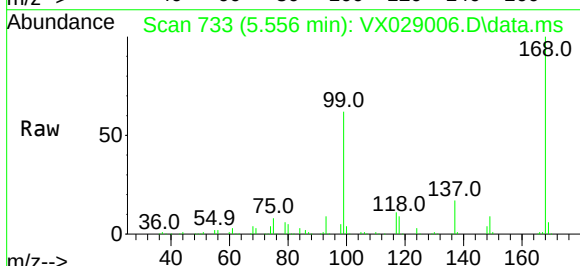
Tgt Ion: 56 Resp: 6053

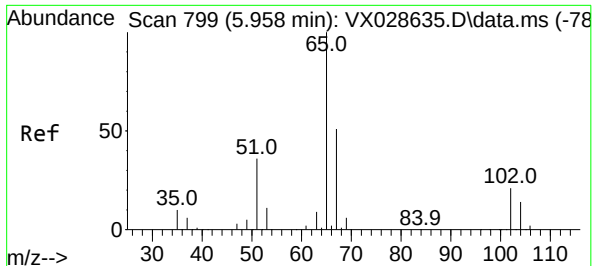
Ion Ratio Lower Upper

56 100

69 184.6 26.7 40.1#

84 144.8 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.201 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029006.D

Acq: 26 May 2022 17:59

Instrument :

MSVOA_X

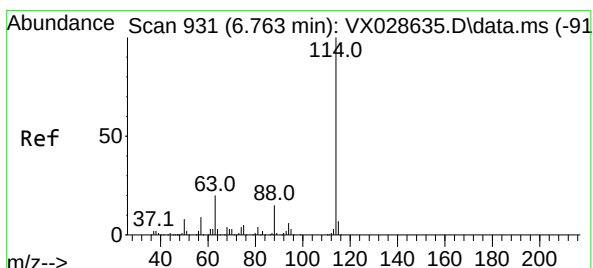
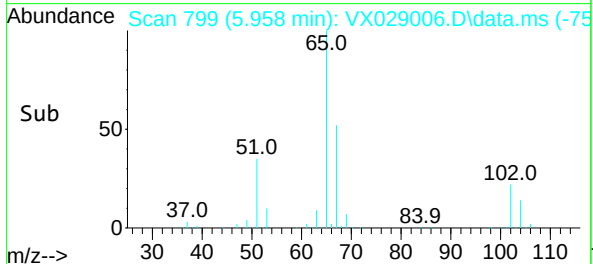
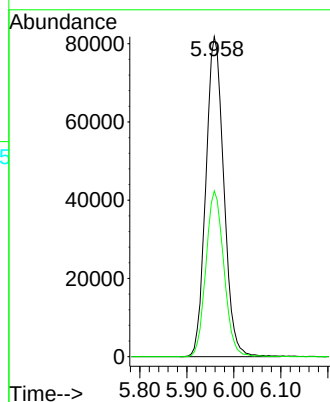
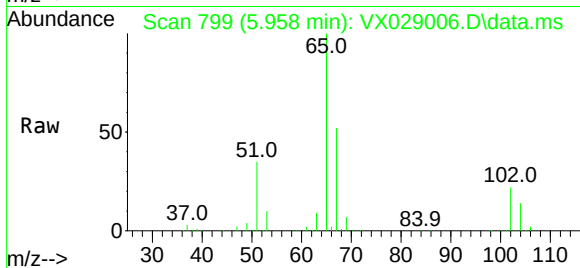
ClientSampleId :

Tgt Ion: 65 Resp: 216889

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029006.D

Acq: 26 May 2022 17:59

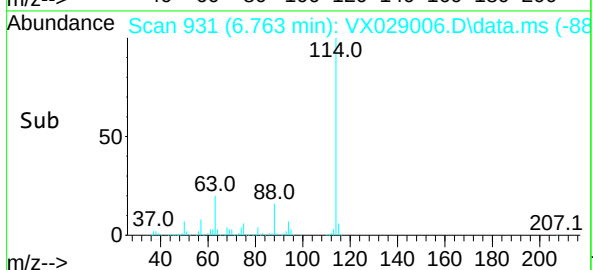
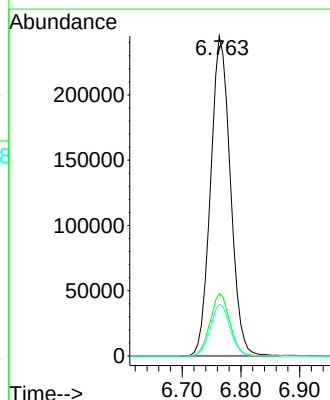
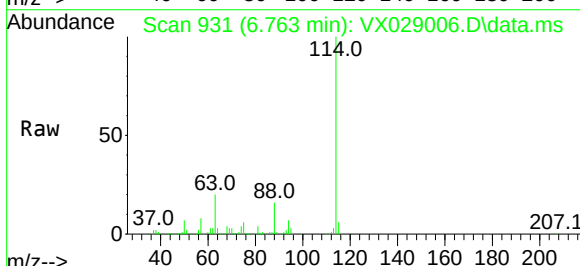
Tgt Ion: 114 Resp: 571772

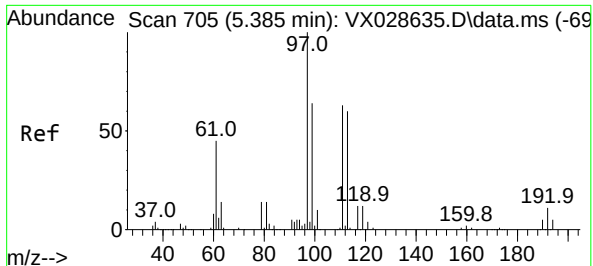
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.046 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029006.D

Acq: 26 May 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

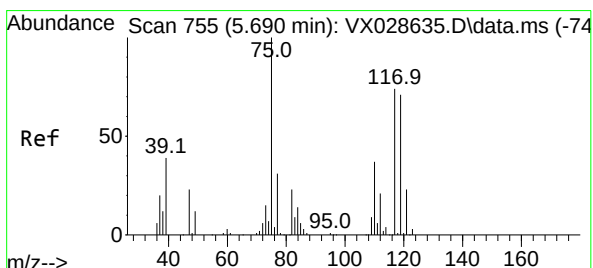
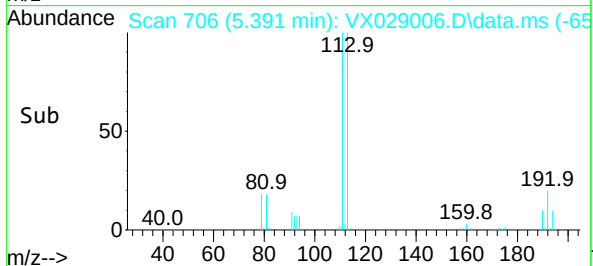
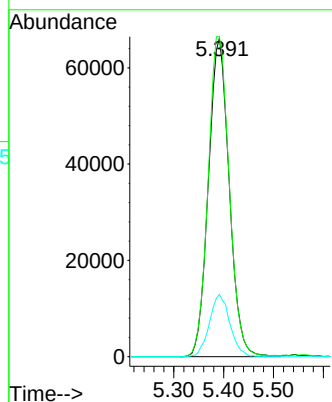
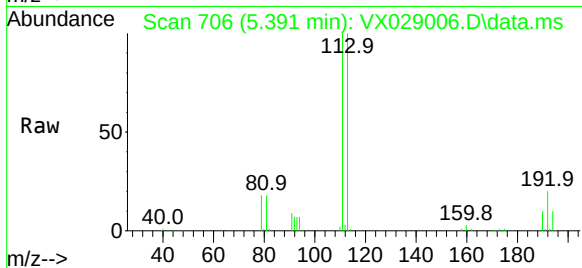
Tgt Ion:113 Resp: 191225

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.419 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX029006.D

Acq: 26 May 2022 17:59

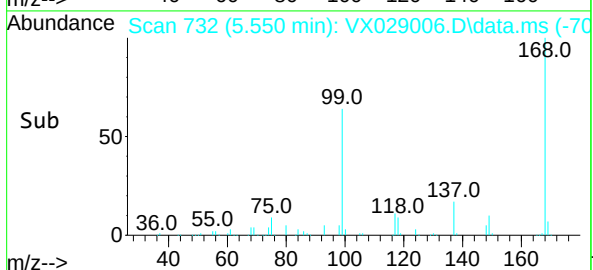
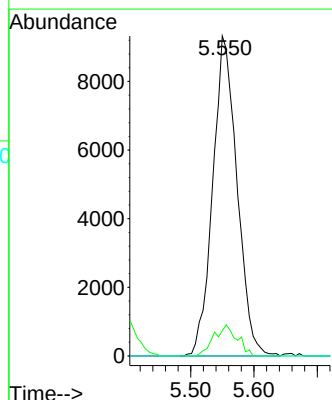
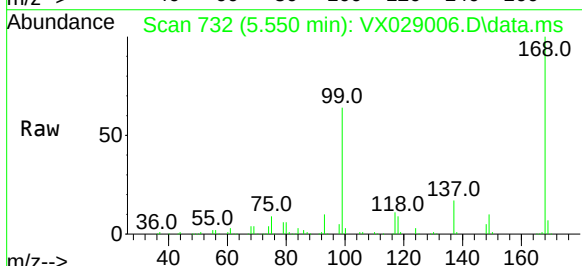
Tgt Ion: 75 Resp: 24864

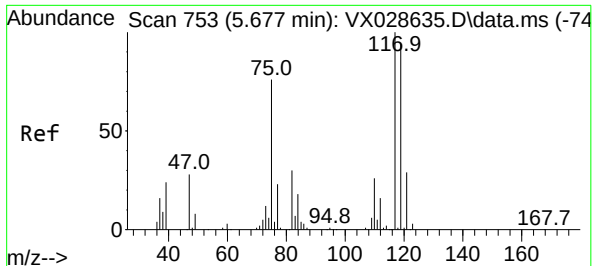
Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

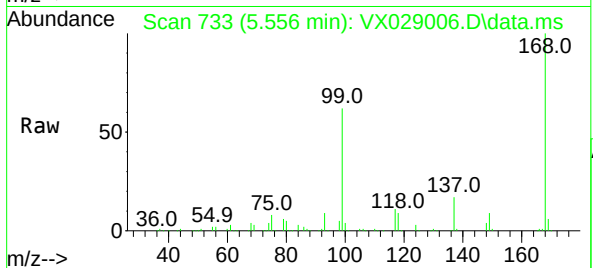
77 0.0 24.8 37.2#



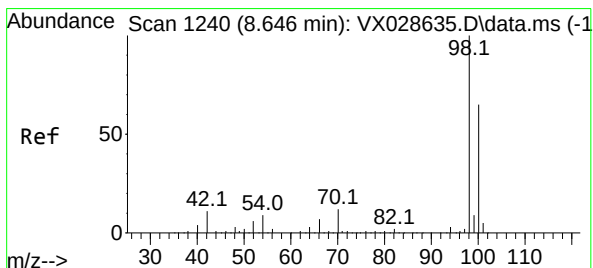
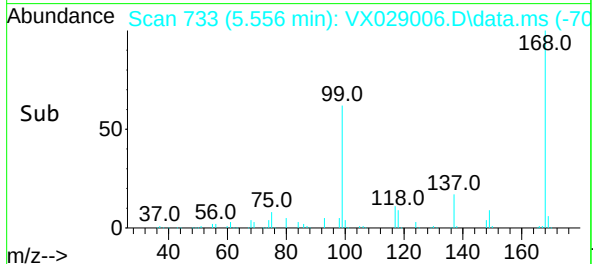
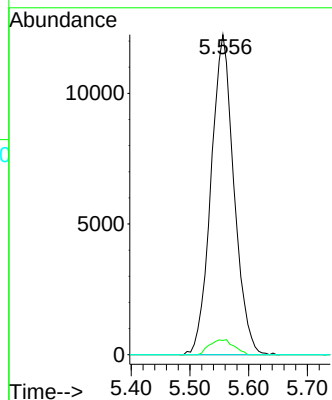


#38
Carbon Tetrachloride
Concen: 5.873 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :

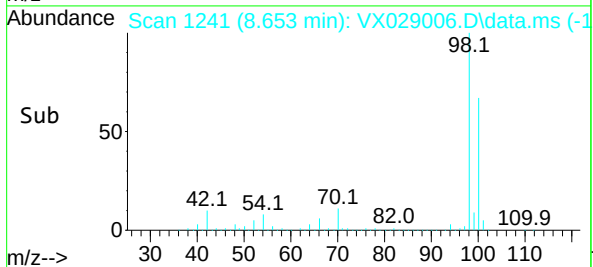
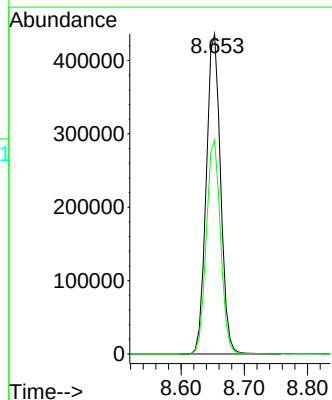
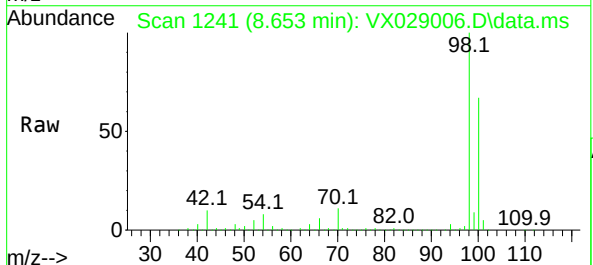


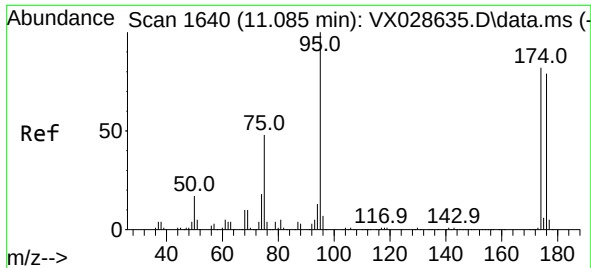
Tgt Ion:117 Resp: 33258
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.520 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

Tgt Ion: 98 Resp: 685287
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

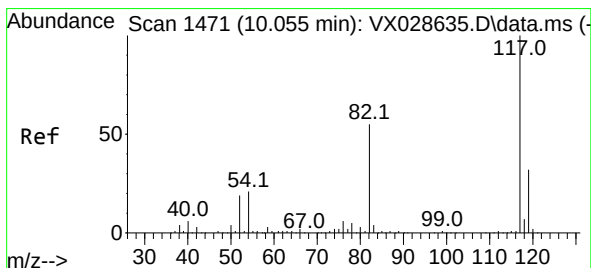
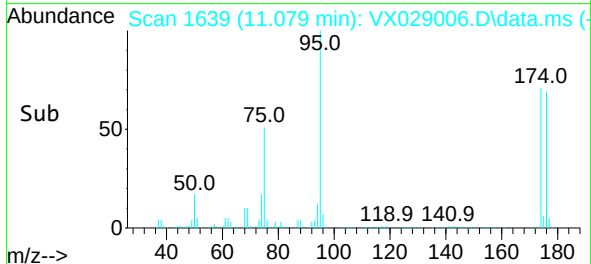
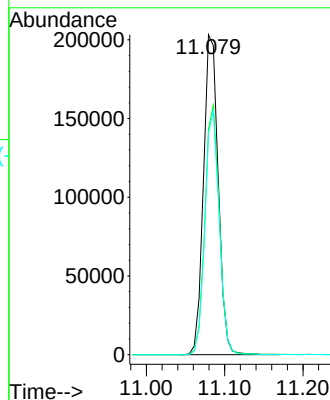
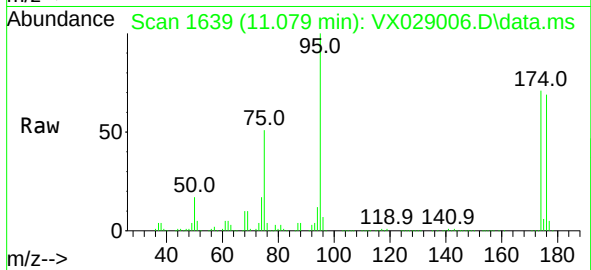




#62
4-Bromofluorobenzene
Concen: 50.328 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

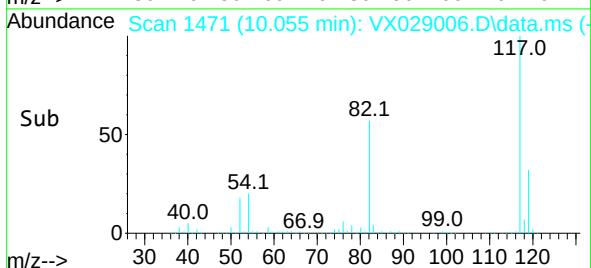
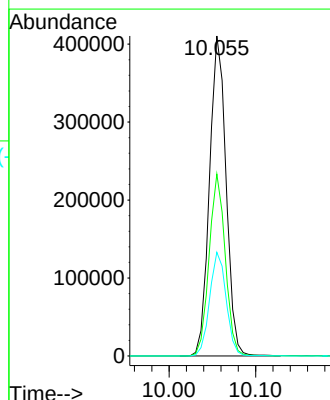
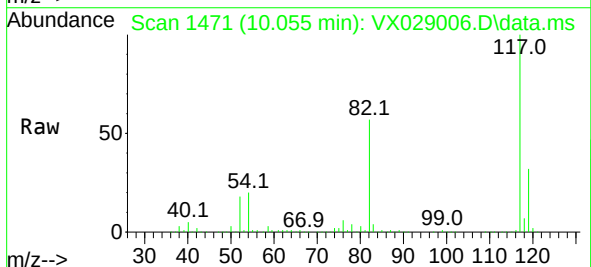
Instrument :
MSVOA_X
ClientSampleId :

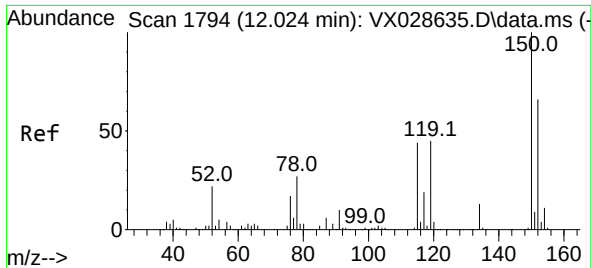
Tgt Ion: 95 Resp: 265498
Ion Ratio Lower Upper
95 100
174 76.3 0.0 163.0
176 74.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029006.D
Acq: 26 May 2022 17:59

Tgt Ion: 117 Resp: 546079
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 32.4 24.8 37.2

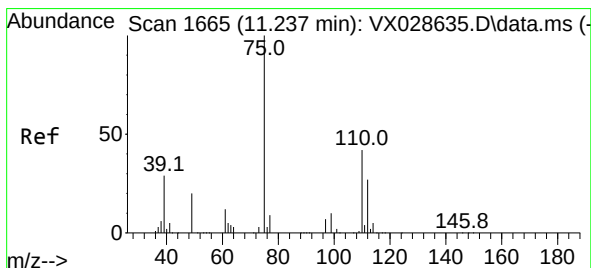
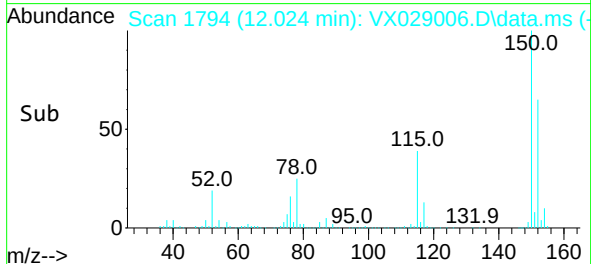
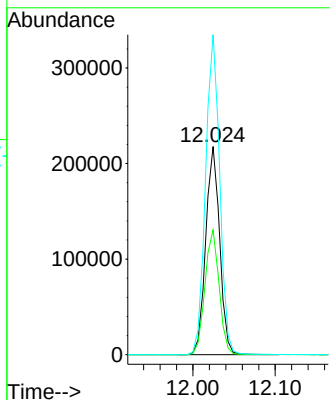
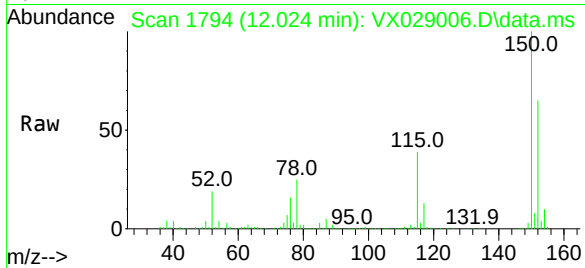




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029006.D
 Acq: 26 May 2022 17:59

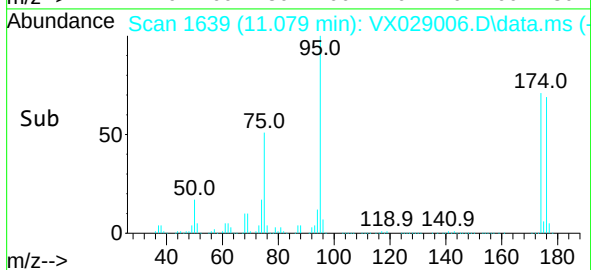
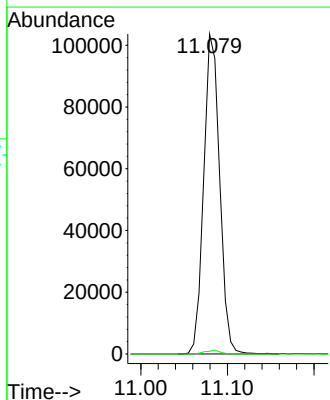
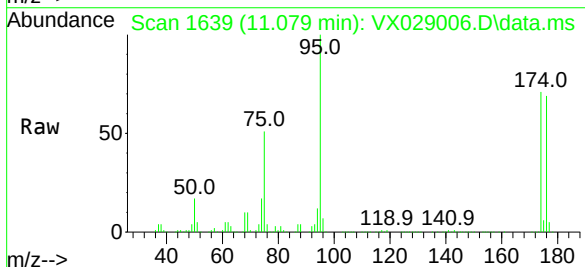
Instrument :
 MSVOA_X
 ClientSampleId :

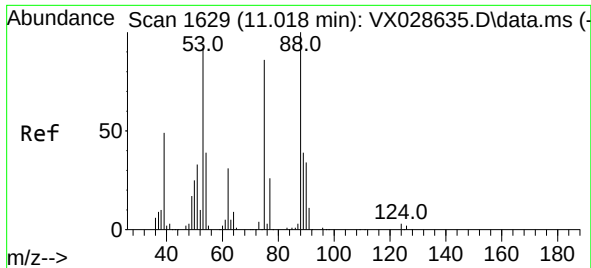
Tgt Ion:152 Resp: 256713
 Ion Ratio Lower Upper
 152 100
 115 60.8 37.5 112.7
 150 156.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.045 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX029006.D
 Acq: 26 May 2022 17:59

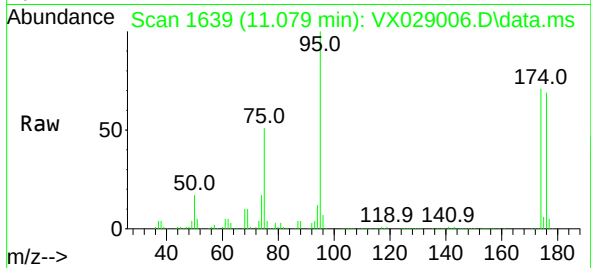
Tgt Ion: 75 Resp: 132532
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.544 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029006.D
 Acq: 26 May 2022 17:59

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 132532
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

