

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029359.D
 Acq On : 09 Jun 2022 20:41
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 08:11:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

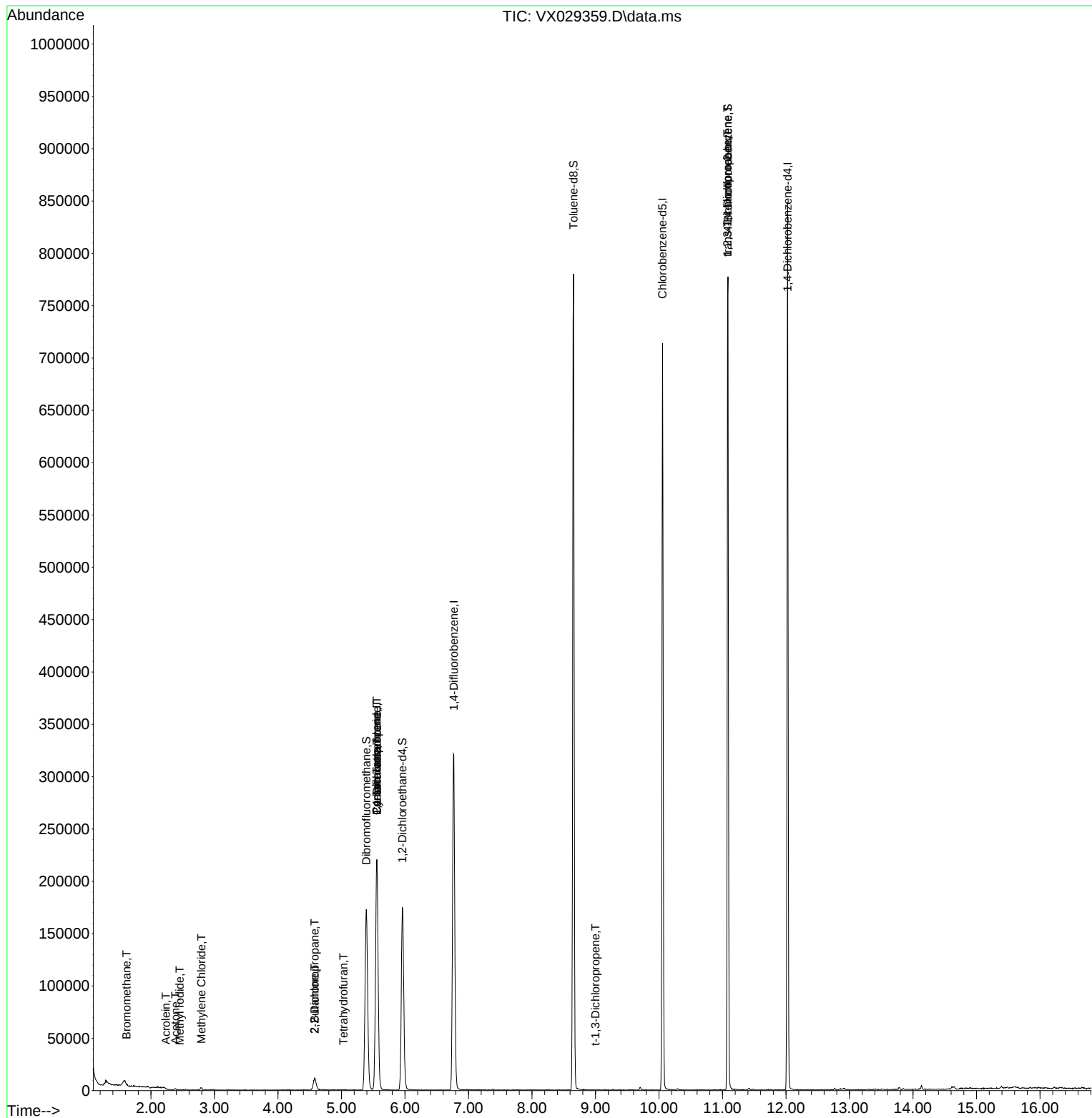
Internal Standards						
1) Pentafluorobenzene	5.556	168	203181	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	340163	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173983	56.480	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.960%
35) Dibromofluoromethane	5.391	113	151695	52.456	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.920%
50) Toluene-d8	8.653	98	475861	46.527	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.060%
62) 4-Bromofluorobenzene	11.085	95	222558	55.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.220%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	646	0.338	ug/l	93
6) Chloroethane	1.679	64	132	Below Cal	#	43
10) Methyl Iodide	2.453	142	476	1.355	ug/l	# 74
11) Tert butyl alcohol	2.965	59	680	Below Cal	#	72
13) Acrolein	2.233	56	132	0.352	ug/l	# 72
16) Acetone	2.386	43	1367	0.832	ug/l	# 78
20) Methylene Chloride	2.794	84	1185	0.323	ug/l	# 82
25) 2-Butanone	4.574	43	830	0.319	ug/l	# 44
26) 2,2-Dichloropropane	4.574	77	961	0.226	ug/l	# 52
29) Tetrahydrofuran	5.032	42	540	0.319	ug/l	# 25
31) Cyclohexane	5.556	56	4300	0.781	ug/l	# 12
36) 1,1-Dichloropropene	5.556	75	16302	3.413	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	21418	4.387	ug/l	# 14
41) Methacrylonitrile	4.940	41	35	Below Cal	#	18
53) t-1,3-Dichloropropene	9.000	75	44	1.325	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	112717	28.883	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	112717	88.070	ug/l	# 15

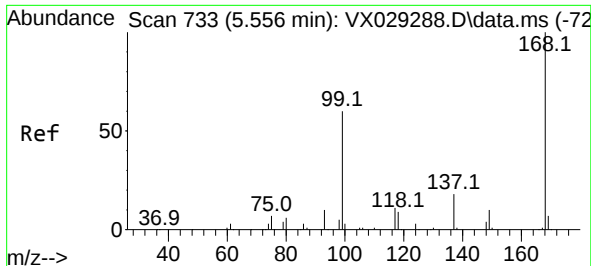
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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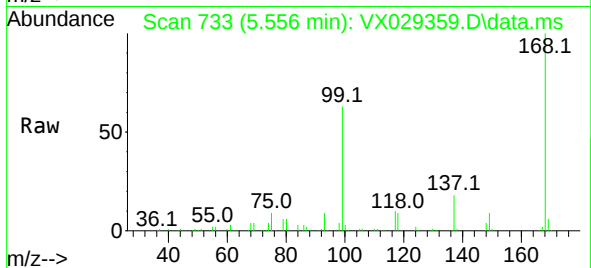
Quant Time: Jun 10 08:11:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration



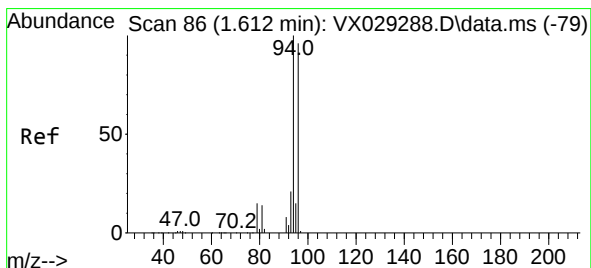
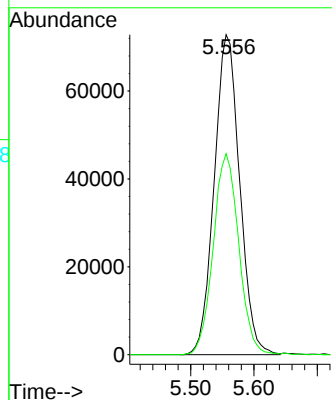
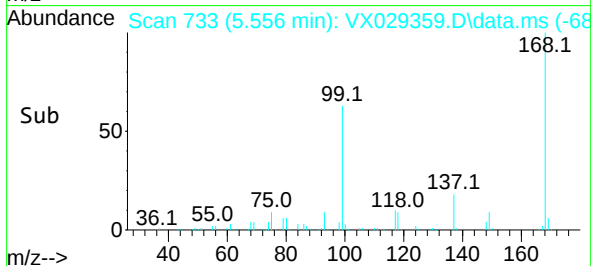


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

Instrument :
MSVOA_X
ClientSampleId :

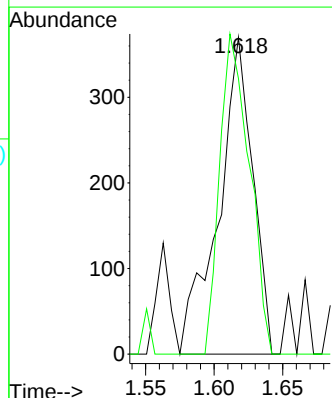
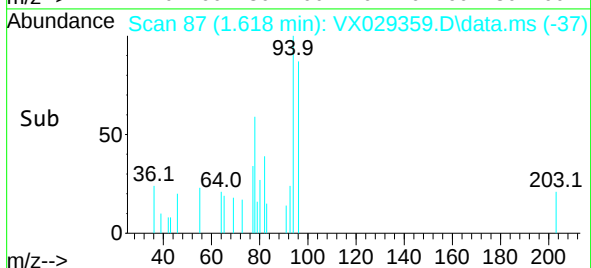
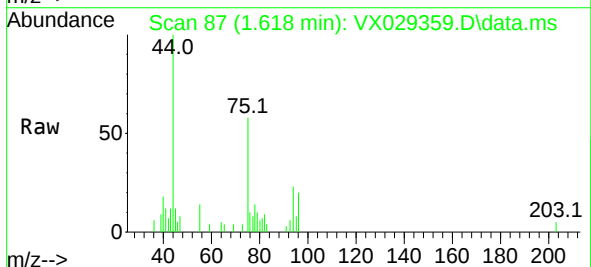


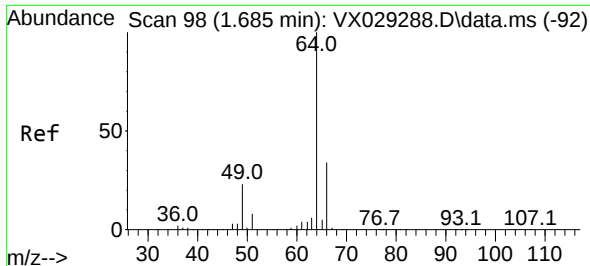
Tgt Ion:168 Resp: 203181
Ion Ratio Lower Upper
168 100
99 62.8 41.7 62.5#



#5
Bromomethane
Concen: 0.338 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

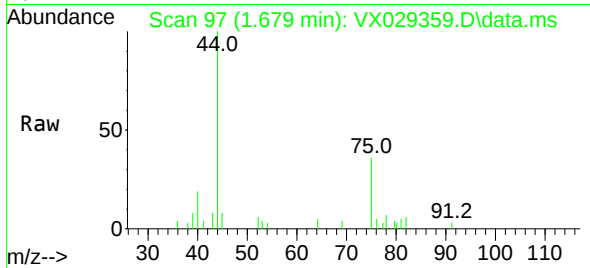
Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 87.0 75.3 112.9



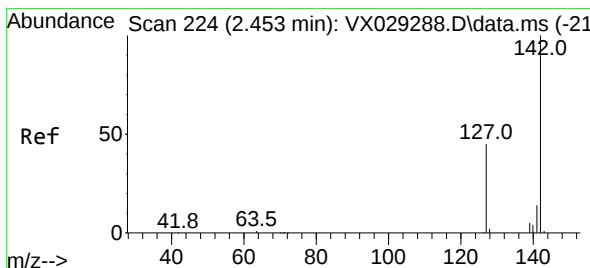
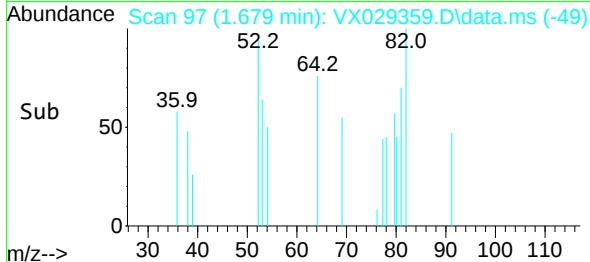
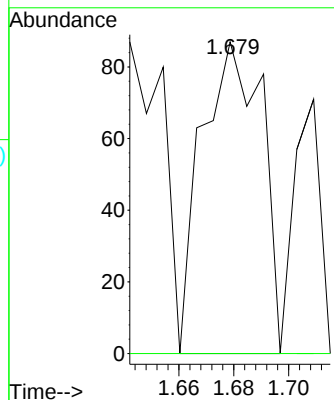


#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

Instrument :
MSVOA_X
ClientSampleId :

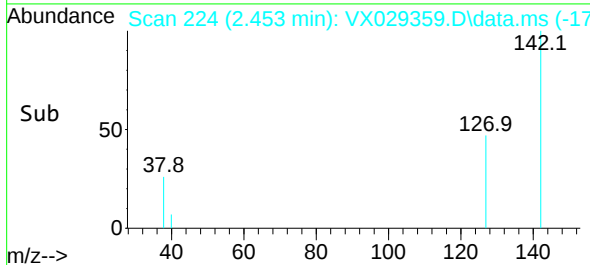
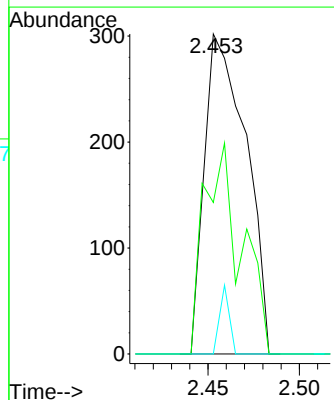
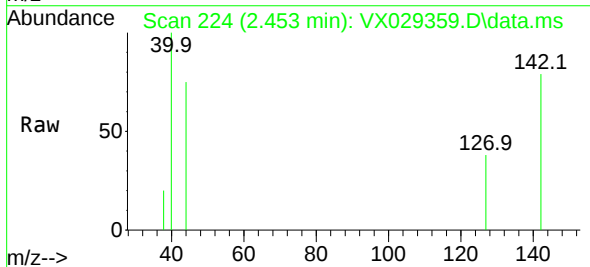


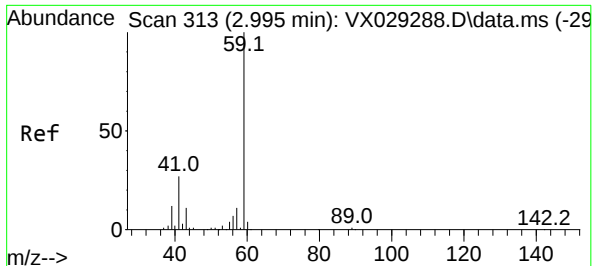
Tgt Ion: 64 Resp: 132
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 1.355 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

Tgt Ion: 142 Resp: 476
Ion Ratio Lower Upper
142 100
127 59.5 33.9 50.9#
141 5.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.965 min Scan# 30

Delta R.T. -0.030 min

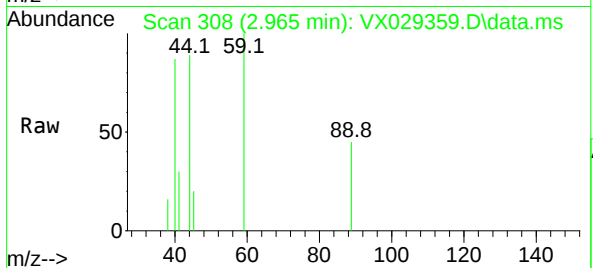
Lab File: VX029359.D

Acq: 09 Jun 2022 20:41

Instrument :

MSVOA_X

ClientSampleId :

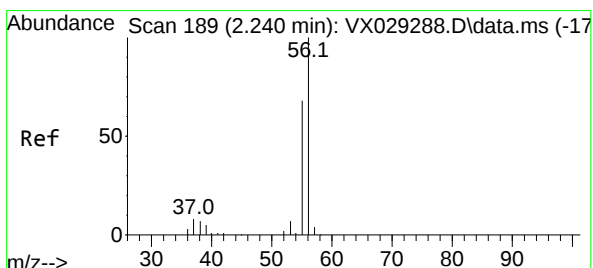
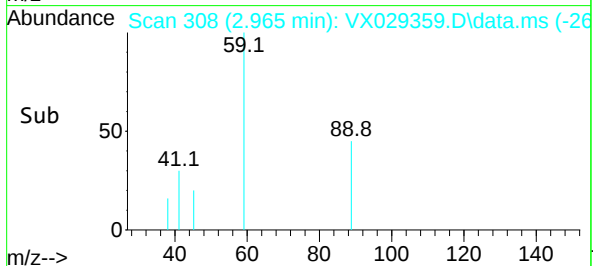
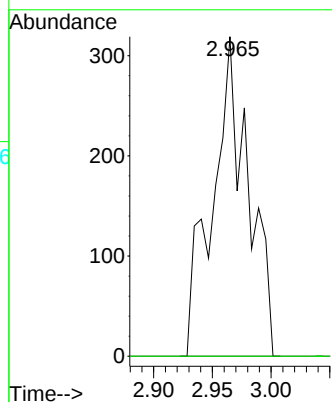


Tgt Ion: 59 Resp: 680

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.352 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX029359.D

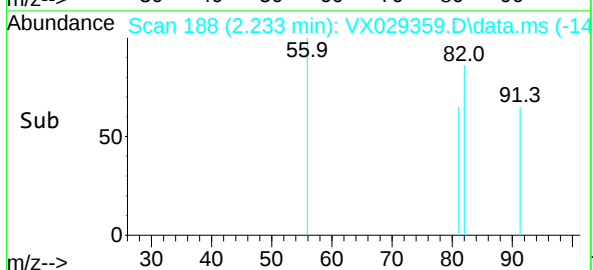
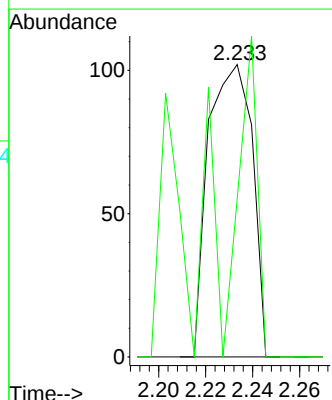
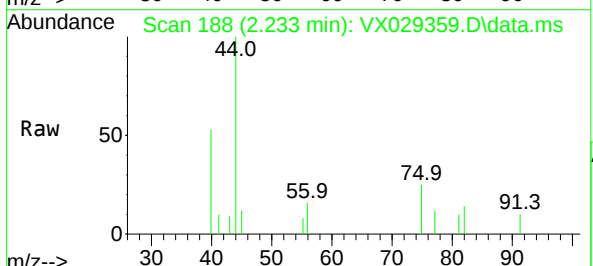
Acq: 09 Jun 2022 20:41

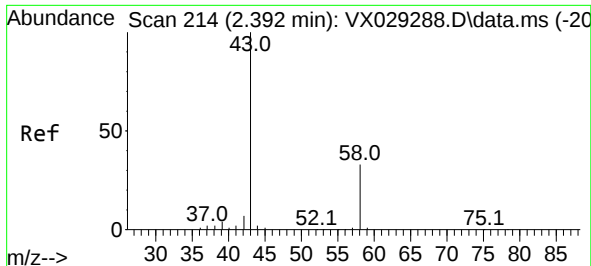
Tgt Ion: 56 Resp: 132

Ion Ratio Lower Upper

56 100

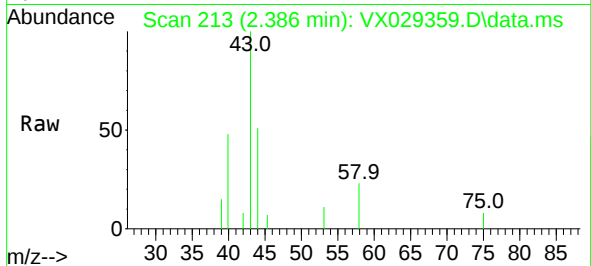
55 46.2 55.0 82.6#



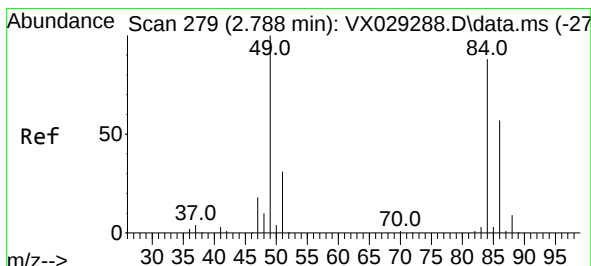
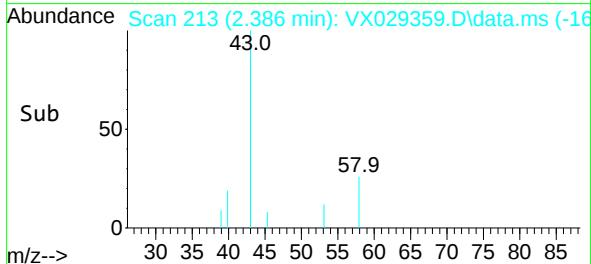
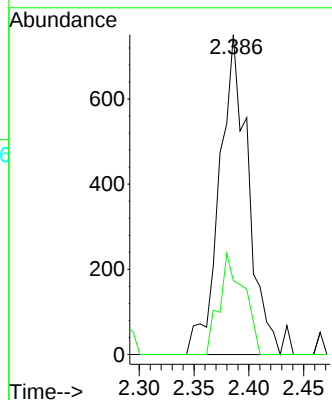


#16
Acetone
Concen: 0.832 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

Instrument :
MSVOA_X
ClientSampleId :

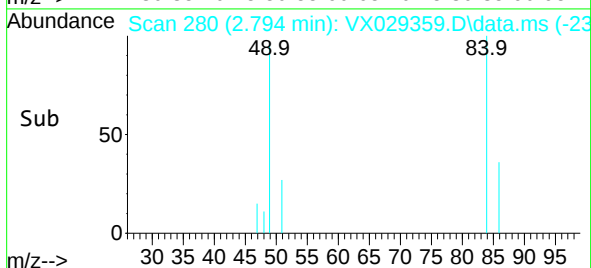
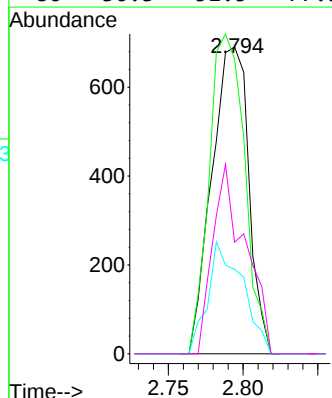
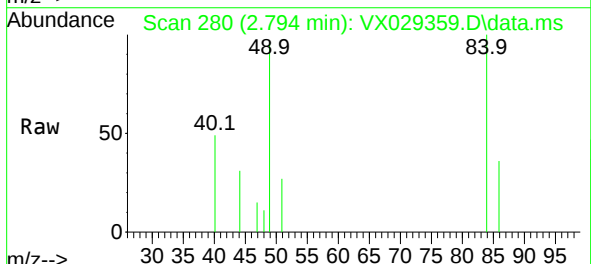


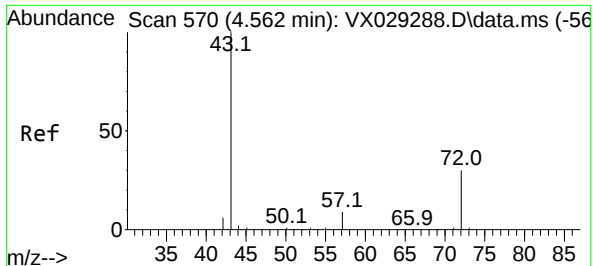
Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 23.2 28.8 43.2#



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

Tgt Ion: 84 Resp: 1185
Ion Ratio Lower Upper
84 100
49 95.9 85.5 128.3
51 27.5 26.6 39.8
86 36.3 51.5 77.3#

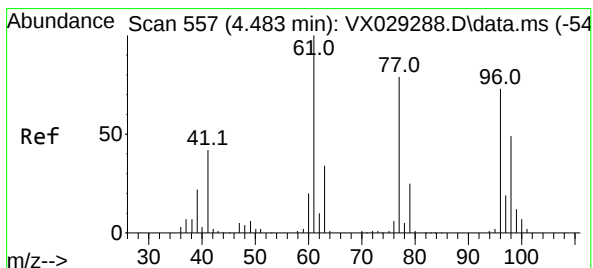
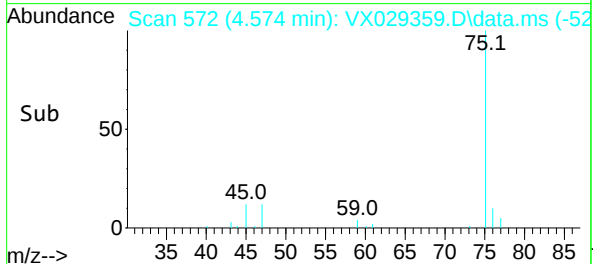
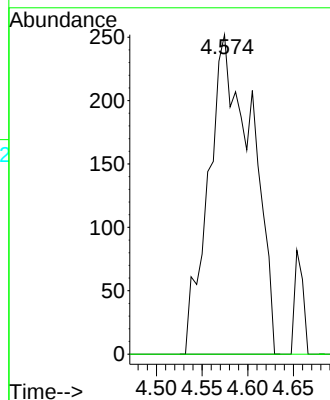
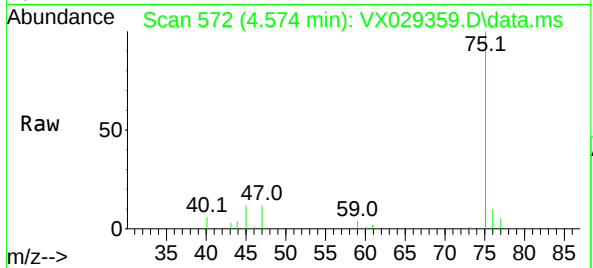




#25
2-Butanone
Concen: 0.319 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

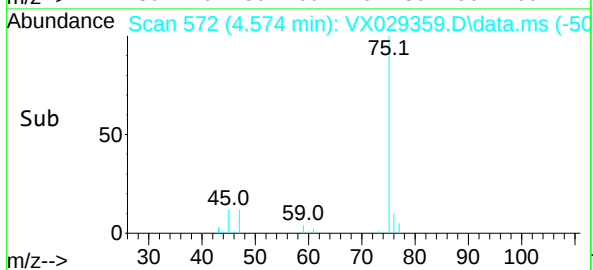
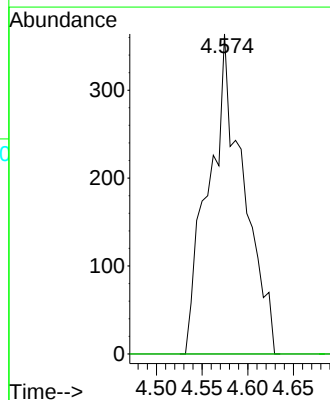
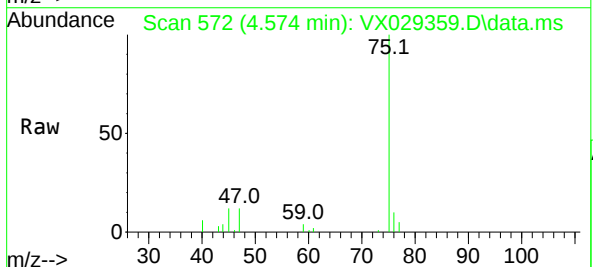
Instrument :
MSVOA_X
ClientSampleId :

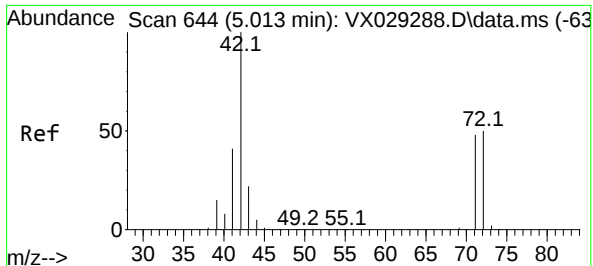
Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#26
2,2-Dichloropropane
Concen: 0.226 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.091 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

Tgt Ion: 77 Resp: 961
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.4#





#29

Tetrahydrofuran

Concen: 0.319 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.018 min

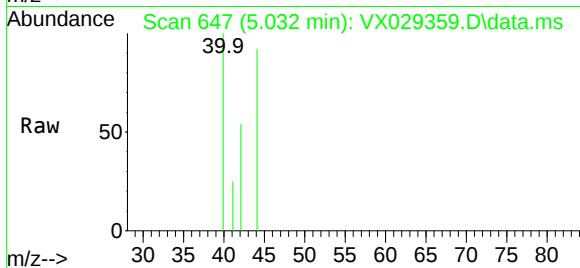
Lab File: VX029359.D

Acq: 09 Jun 2022 20:41

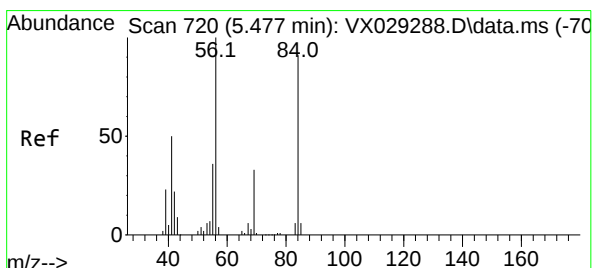
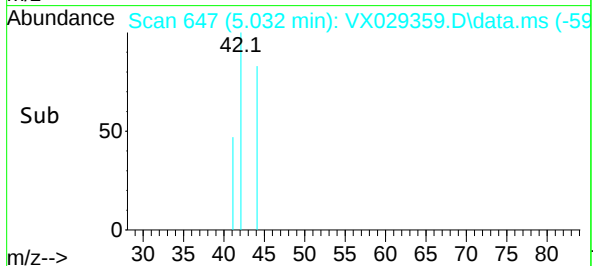
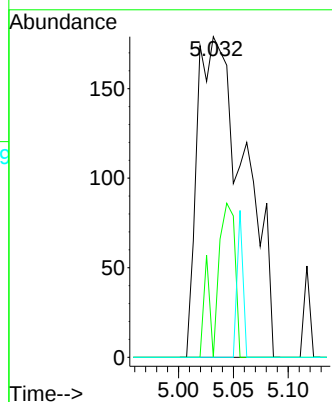
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 42	Resp: 540
Ion Ratio	Lower Upper
42	100
72	0.0 44.1 66.1#
71	0.0 40.5 60.7#



#31

Cyclohexane

Concen: 0.781 ug/l

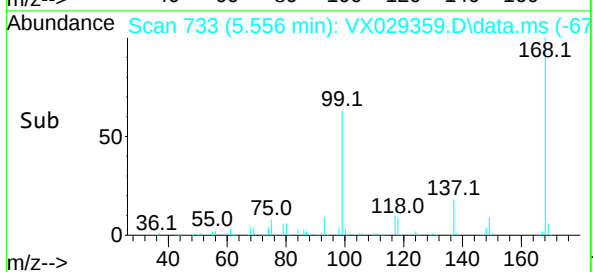
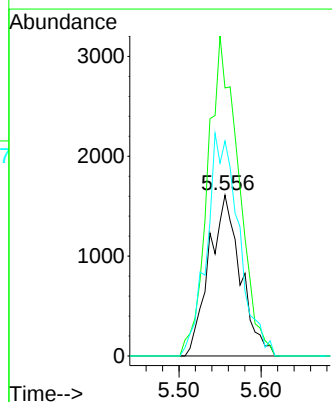
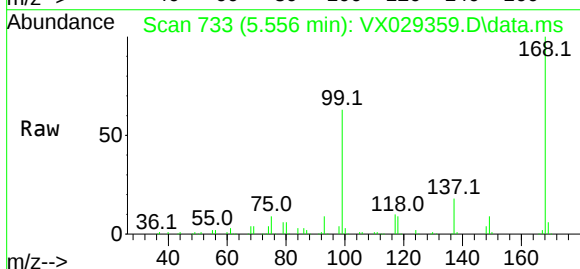
RT: 5.556 min Scan# 733

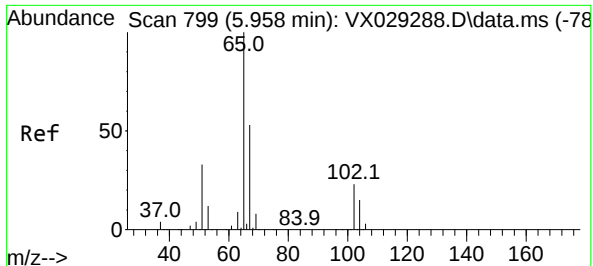
Delta R.T. 0.079 min

Lab File: VX029359.D

Acq: 09 Jun 2022 20:41

Tgt Ion: 56	Resp: 4300
Ion Ratio	Lower Upper
56	100
69	166.6 26.7 40.1#
84	133.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 56.480 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029359.D

Acq: 09 Jun 2022 20:41

Instrument :

MSVOA_X

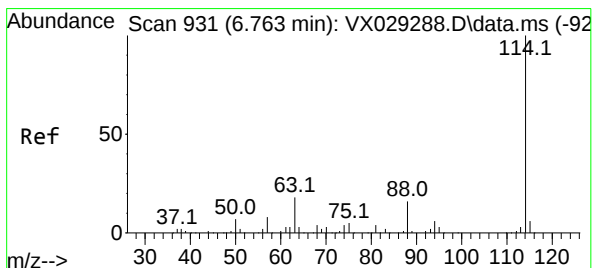
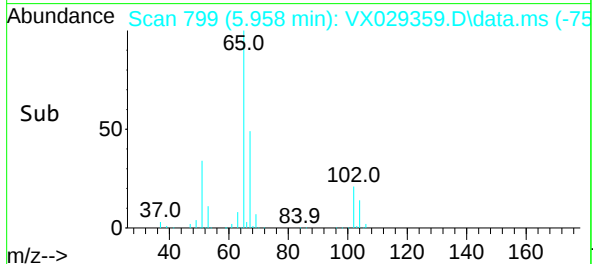
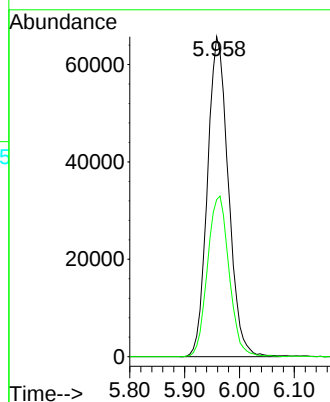
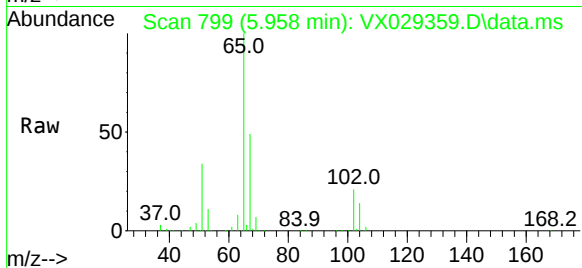
ClientSampleId :

Tgt Ion: 65 Resp: 173983

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029359.D

Acq: 09 Jun 2022 20:41

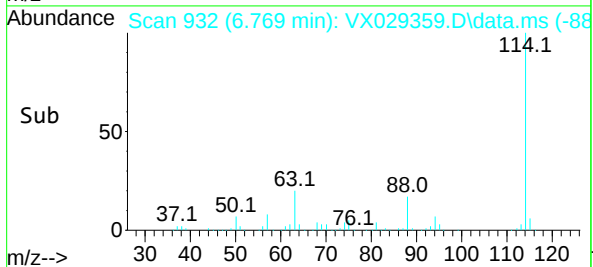
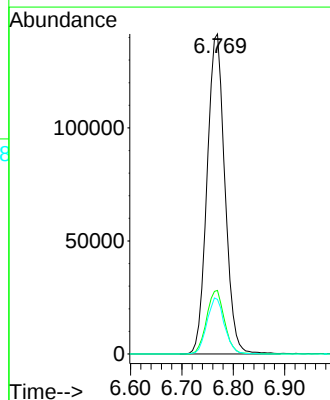
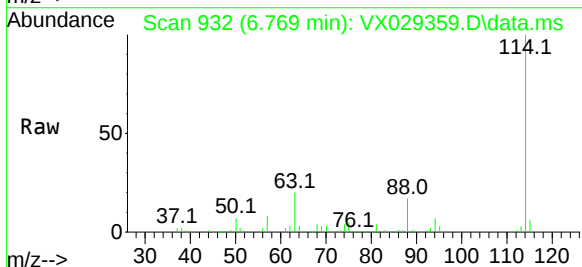
Tgt Ion: 114 Resp: 340163

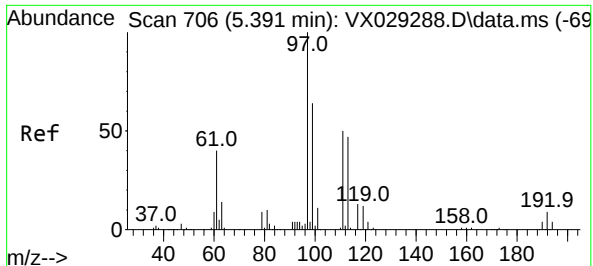
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 17.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.456 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

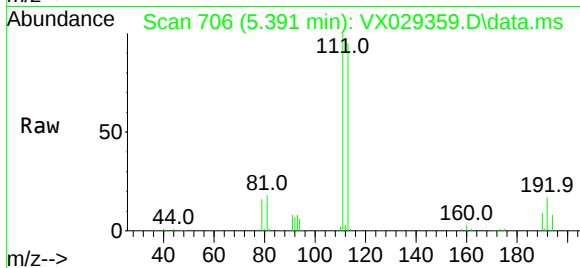
Lab File: VX029359.D

Acq: 09 Jun 2022 20:41

Instrument :

MSVOA_X

ClientSampleId :



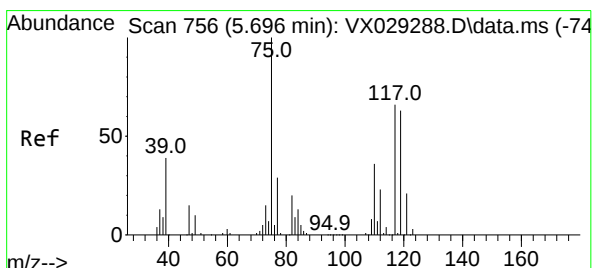
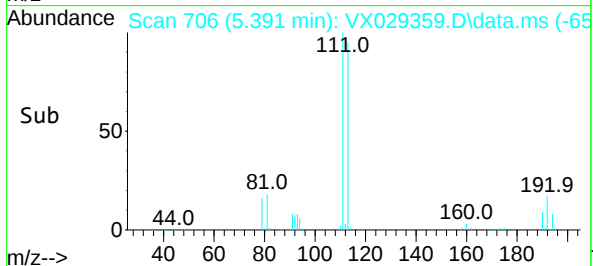
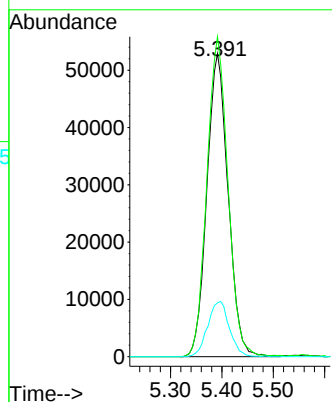
Tgt Ion:113 Resp: 151695

Ion Ratio Lower Upper

113 100

111 104.8 82.8 124.2

192 18.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.413 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029359.D

Acq: 09 Jun 2022 20:41

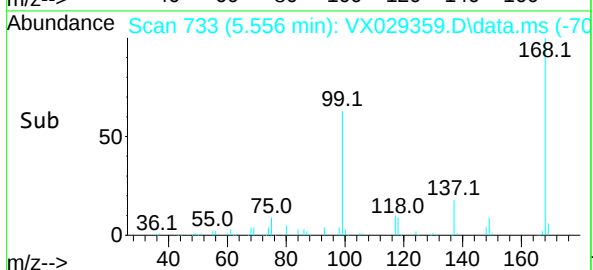
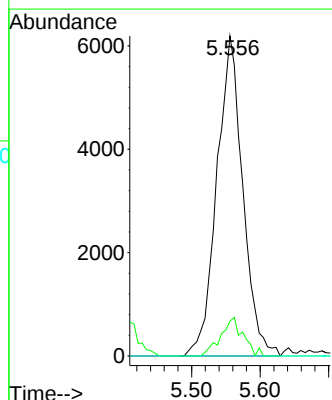
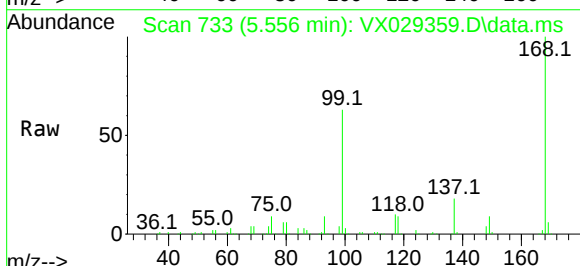
Tgt Ion: 75 Resp: 16302

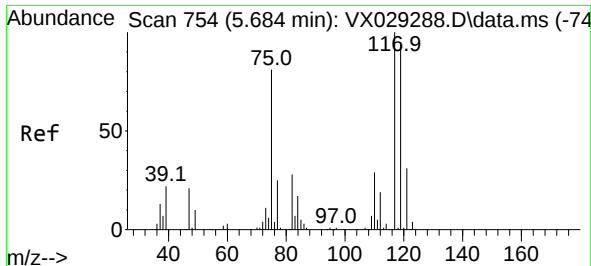
Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

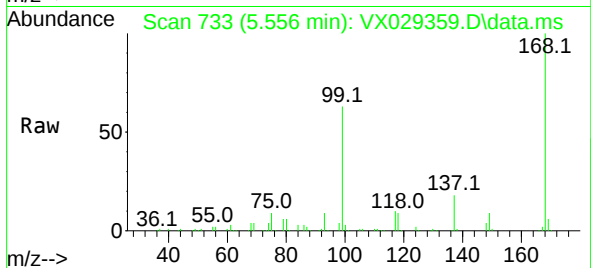
77 0.0 24.8 37.2#



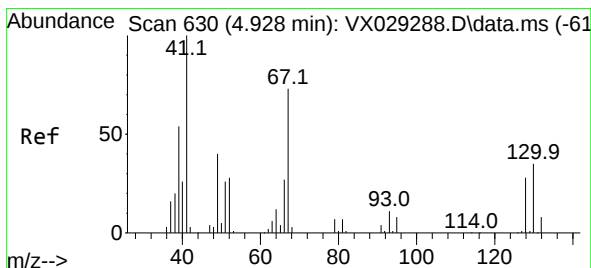
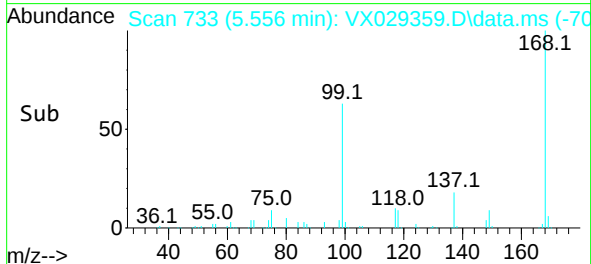
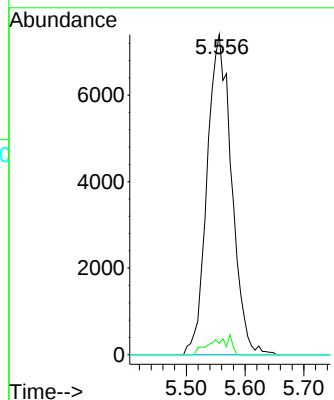


#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

Instrument :
MSVOA_X
ClientSampleId :

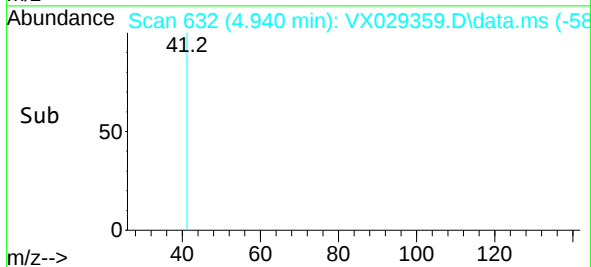
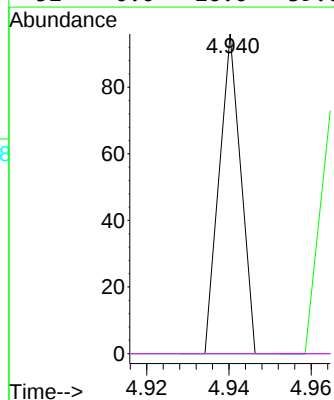
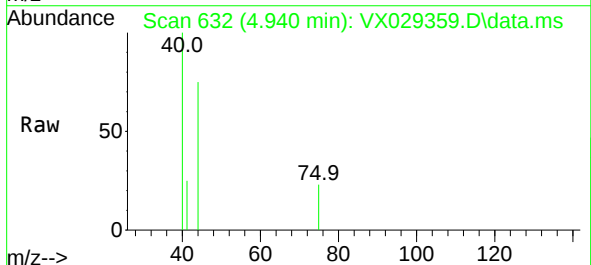


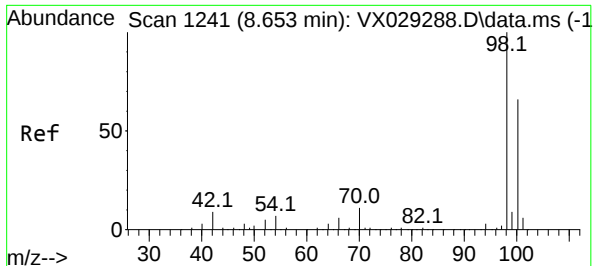
Tgt Ion:117 Resp: 21418
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 4.940 min Scan# 632
Delta R.T. 0.012 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

Tgt Ion: 41 Resp: 35
Ion Ratio Lower Upper
41 100
39 0.0 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 46.527 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029359.D

Acq: 09 Jun 2022 20:41

Instrument :

MSVOA_X

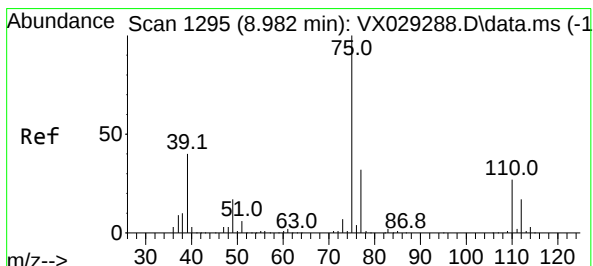
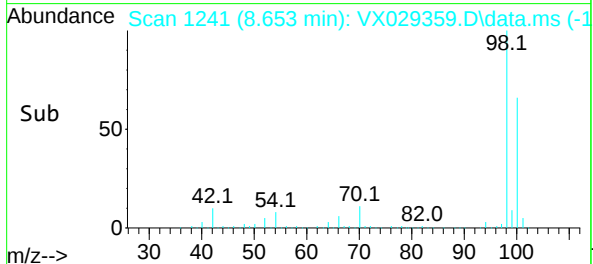
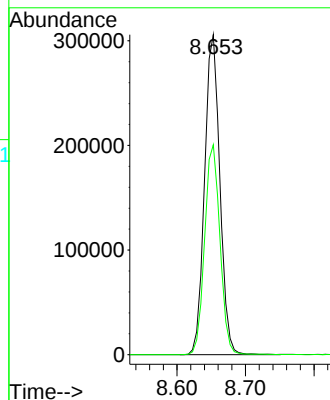
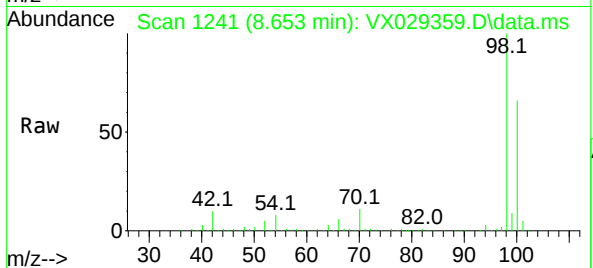
ClientSampleId :

Tgt Ion: 98 Resp: 475861

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#53

t-1,3-Dichloropropene

Concen: 1.325 ug/l

RT: 9.000 min Scan# 1298

Delta R.T. 0.018 min

Lab File: VX029359.D

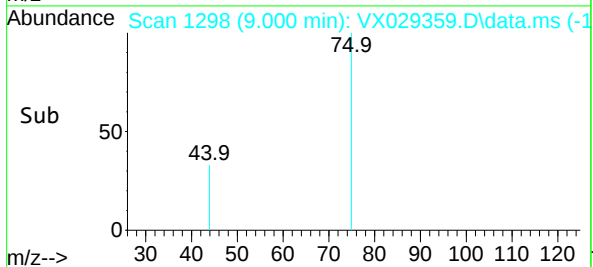
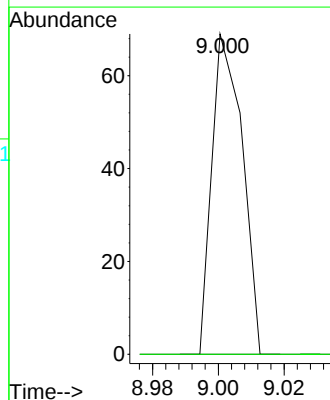
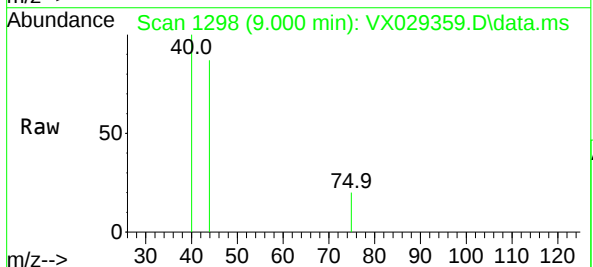
Acq: 09 Jun 2022 20:41

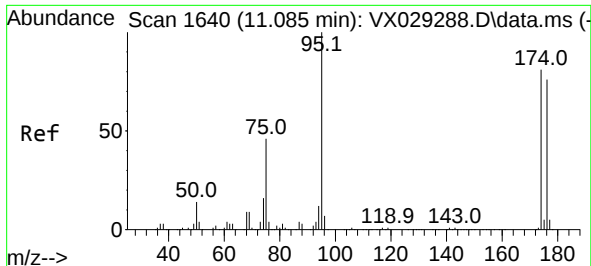
Tgt Ion: 75 Resp: 44

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

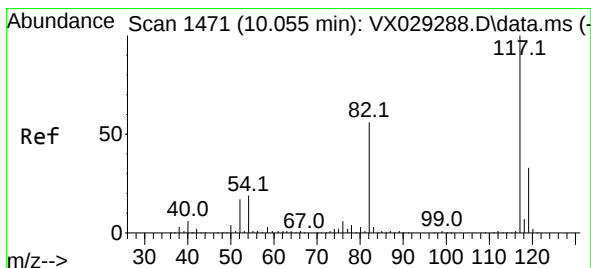
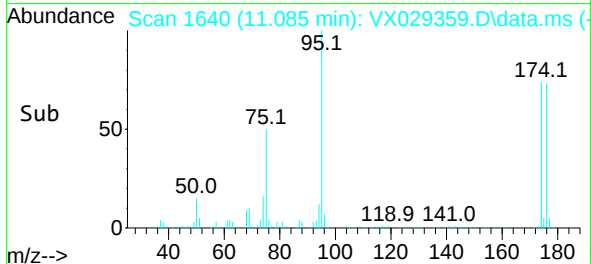
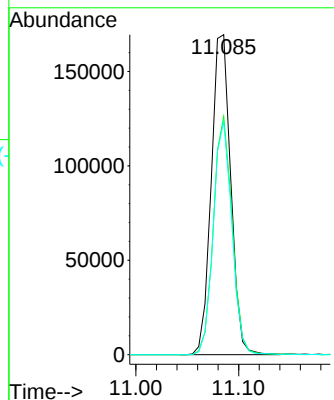
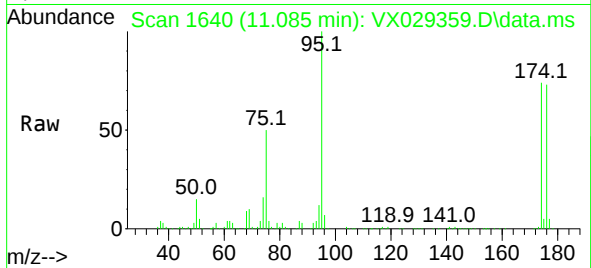




#62
4-Bromofluorobenzene
Concen: 55.605 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

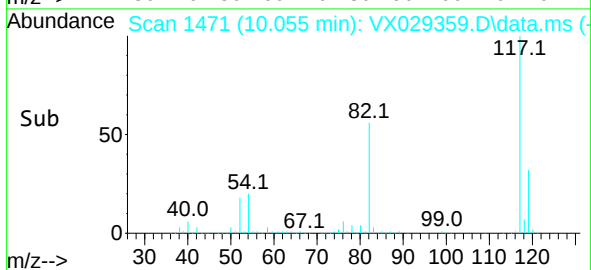
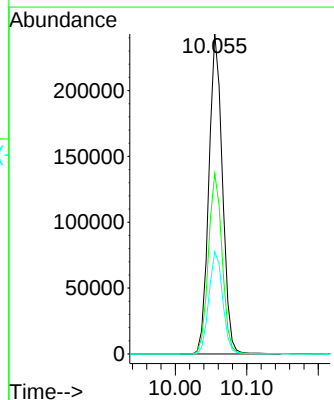
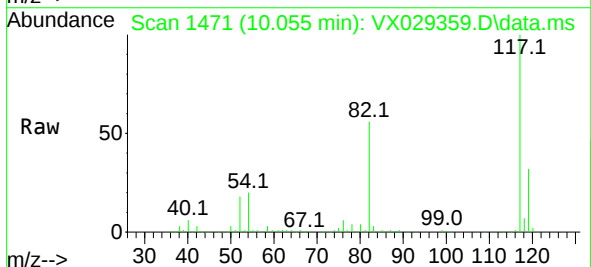
Instrument :
MSVOA_X
ClientSampleId :

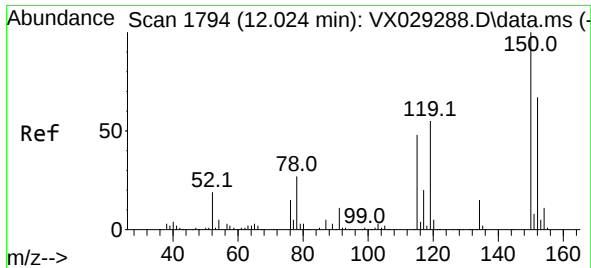
Tgt Ion: 95 Resp: 222558
Ion Ratio Lower Upper
95 100
174 71.7 0.0 163.0
176 69.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029359.D
Acq: 09 Jun 2022 20:41

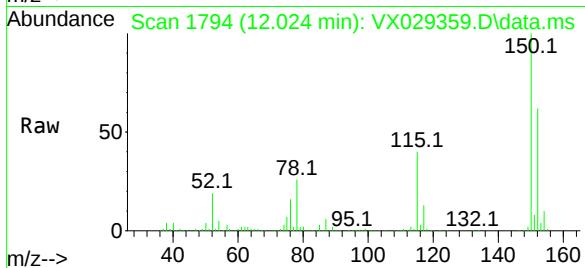
Tgt Ion: 117 Resp: 320114
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.0 24.8 37.2



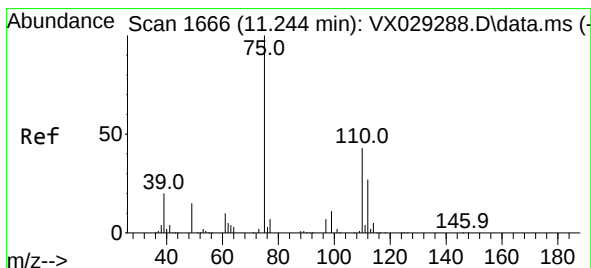
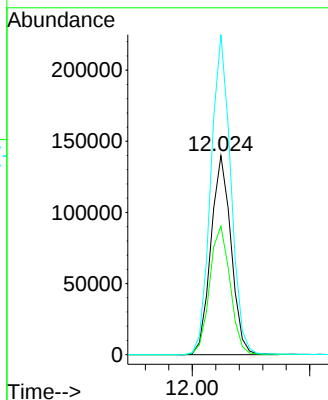
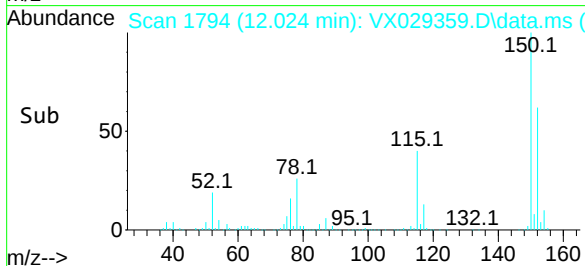


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029359.D
 Acq: 09 Jun 2022 20:41

Instrument :
 MSVOA_X
 ClientSampleId :

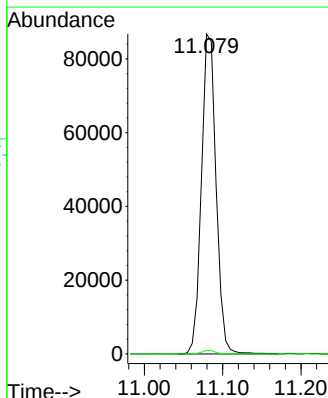
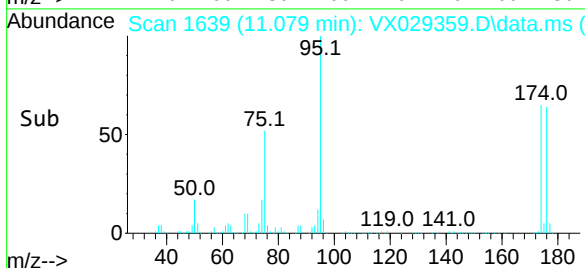
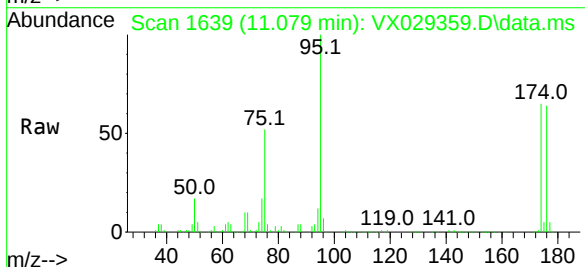


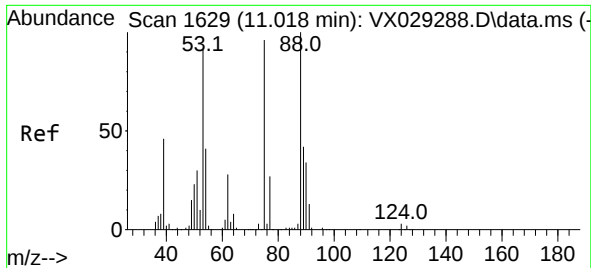
Tgt Ion:152 Resp: 167080
 Ion Ratio Lower Upper
 152 100
 115 65.4 37.5 112.7
 150 159.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.883 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029359.D
 Acq: 09 Jun 2022 20:41

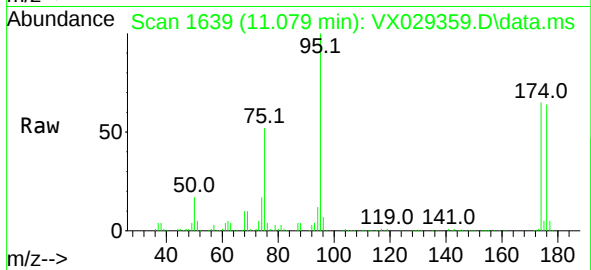
Tgt Ion: 75 Resp: 112717
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.070 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029359.D
 Acq: 09 Jun 2022 20:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 112717
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

