

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029321.D
 Acq On : 08 Jun 2022 15:14
 Operator : JC/MD
 Sample : PB145329TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 07:00:02 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)

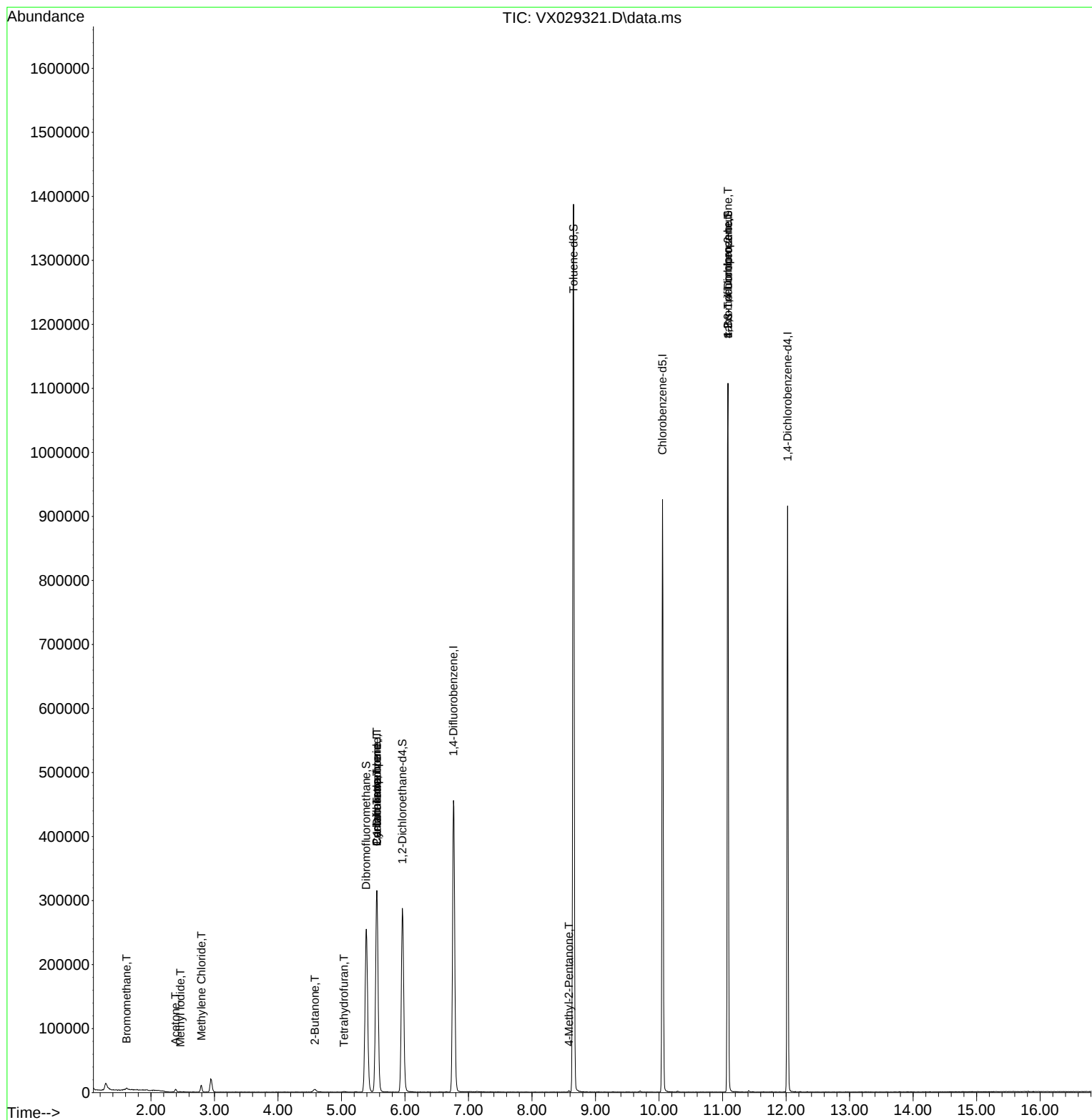
Internal Standards						
1) Pentafluorobenzene	5.556	168	289502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	481165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	280020	64.034	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 128.060%	
35) Dibromofluoromethane	5.385	113	224400	54.858	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.720%	
50) Toluene-d8	8.653	98	827713	57.213	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 114.420%	
62) 4-Bromofluorobenzene	11.085	95	310332	54.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.620%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	773	0.284	ug/l #	62
6) Chloroethane	1.666	64	534	Below Cal	#	43
10) Methyl Iodide	2.465	142	604	1.342	ug/l #	86
11) Tert butyl alcohol	2.940	59	12343	Below Cal	#	73
16) Acetone	2.385	43	4933	2.106	ug/l	88
20) Methylene Chloride	2.794	84	5165	0.988	ug/l #	90
25) 2-Butanone	4.580	43	1913	0.516	ug/l #	44
29) Tetrahydrofuran	5.037	42	620	0.257	ug/l #	44
31) Cyclohexane	5.556	56	5685	0.724	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22934	3.394	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31040	4.494	ug/l #	16
41) Methacrylonitrile	5.050	41	398	Below Cal	#	34
51) 4-Methyl-2-Pentanone	8.579	43	1390	0.203	ug/l #	77
76) 1,2,3-Trichloropropane	11.085	75	155454	36.803	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	155454	111.615	ug/l #	15

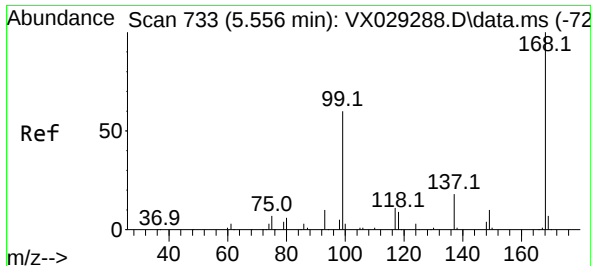
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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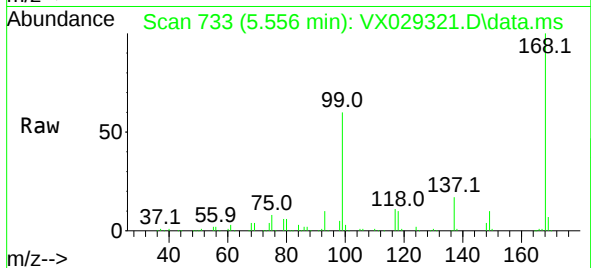
Quant Time: Jun 09 07:00:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
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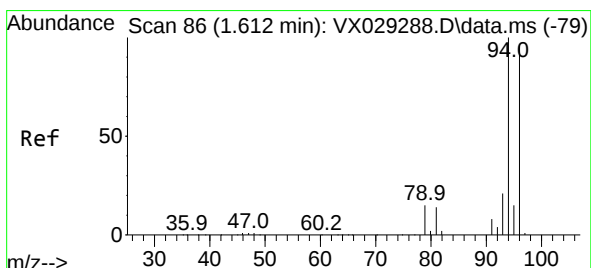
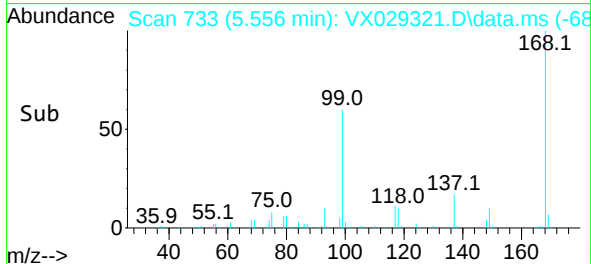
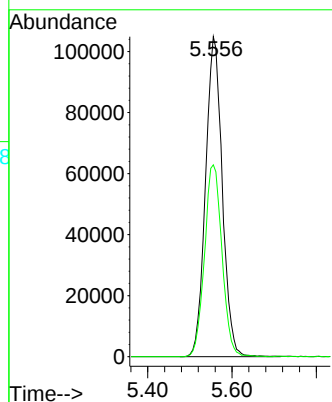


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :

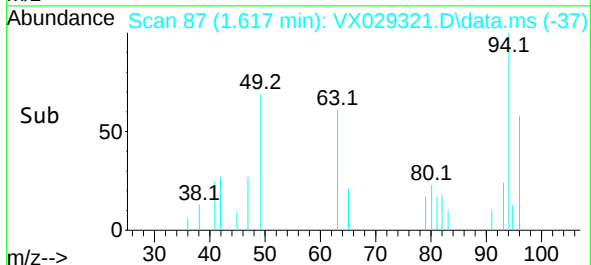
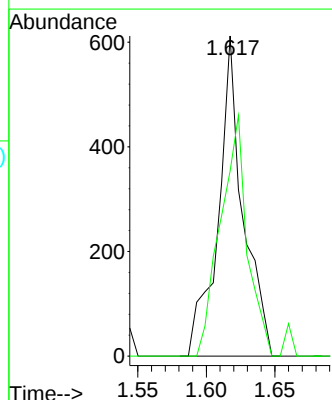
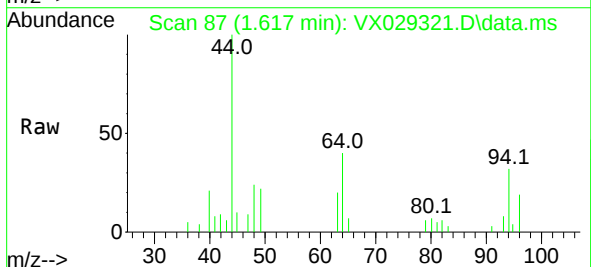


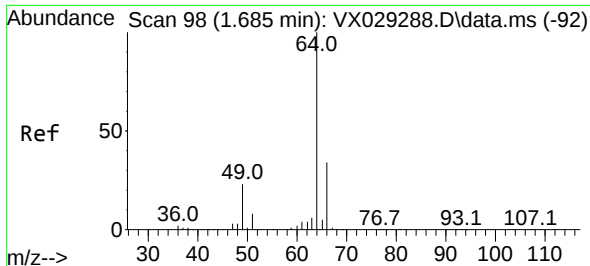
Tgt Ion:168 Resp: 289502
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#5
Bromomethane
Concen: 0.284 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

Tgt Ion: 94 Resp: 773
Ion Ratio Lower Upper
94 100
96 57.8 75.3 112.9#

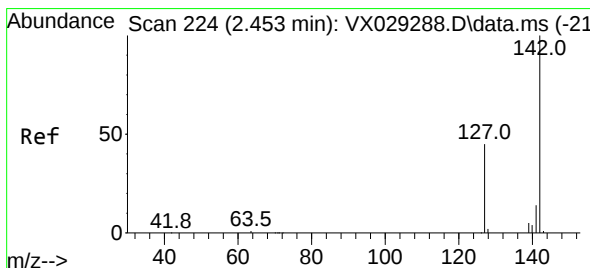
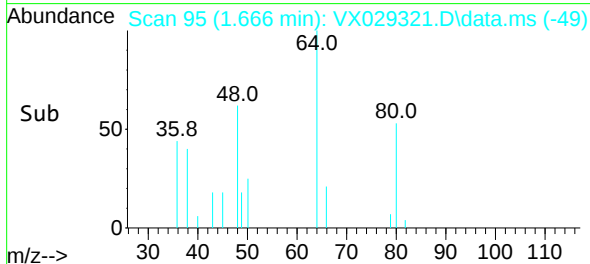
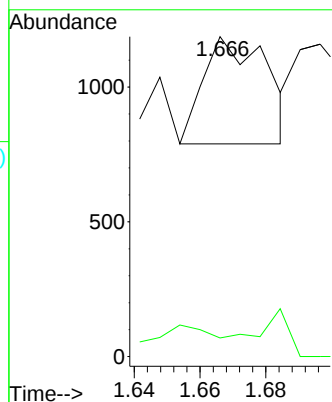
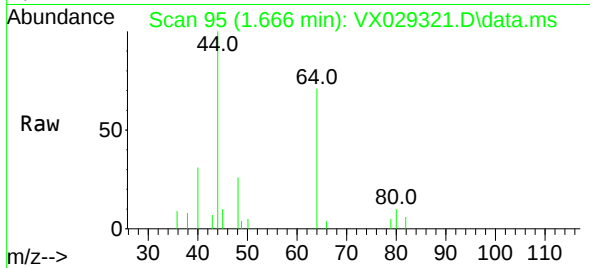




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

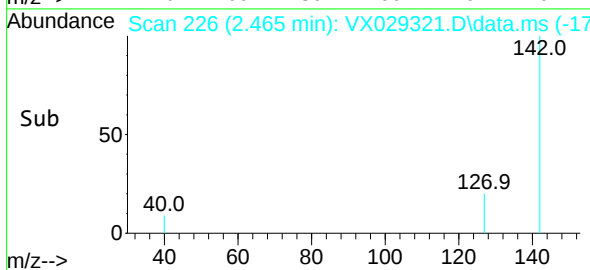
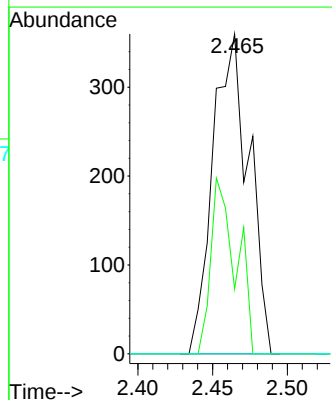
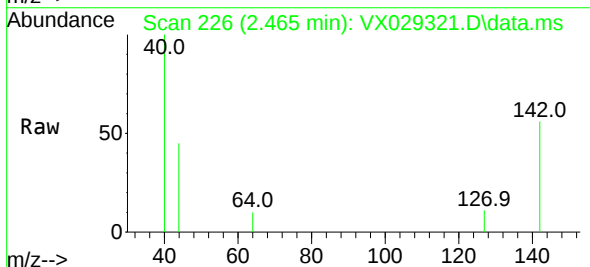
Instrument :
MSVOA_X
ClientSampleId :

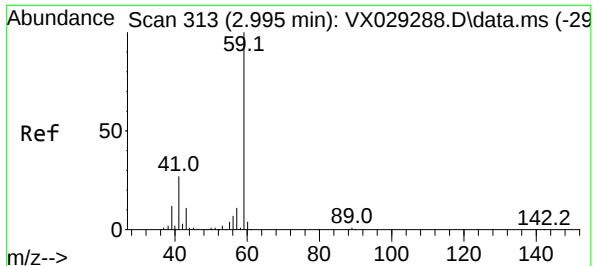
Tgt Ion: 64 Resp: 534
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 1.342 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

Tgt Ion: 142 Resp: 604
Ion Ratio Lower Upper
142 100
127 38.2 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX029321.D

Acq: 08 Jun 2022 15:14

Instrument :

MSVOA_X

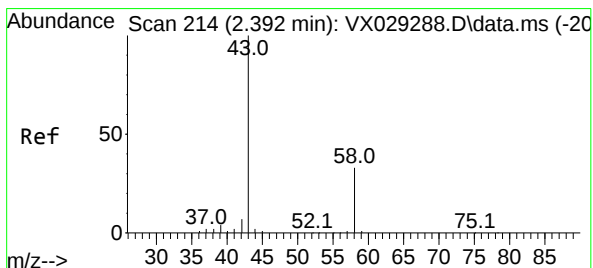
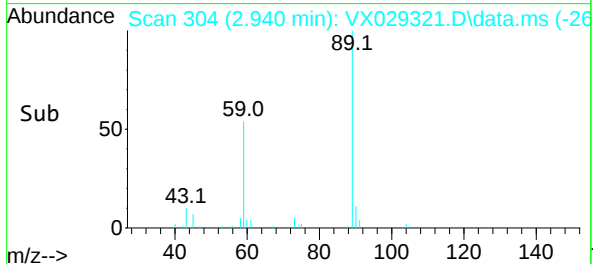
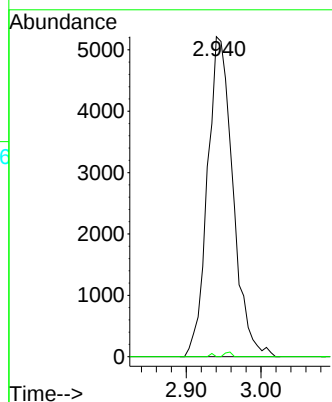
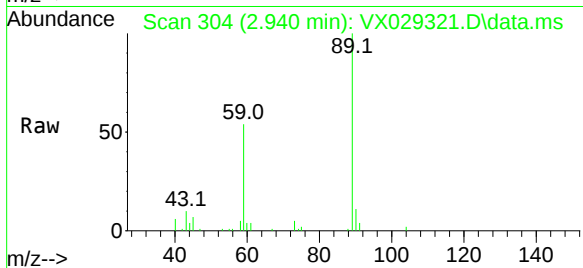
ClientSampleId :

Tgt Ion: 59 Resp: 12343

Ion Ratio Lower Upper

59 100

57 0.2 8.3 12.5#



#16

Acetone

Concen: 2.106 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029321.D

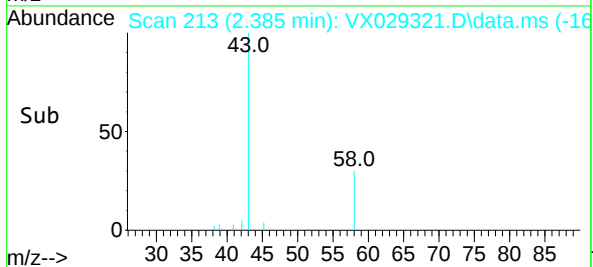
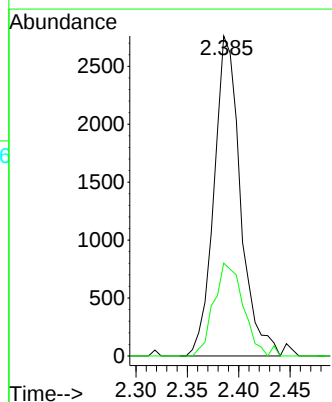
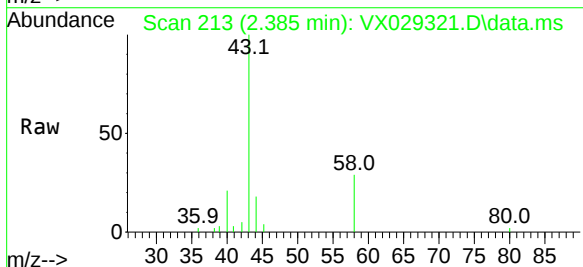
Acq: 08 Jun 2022 15:14

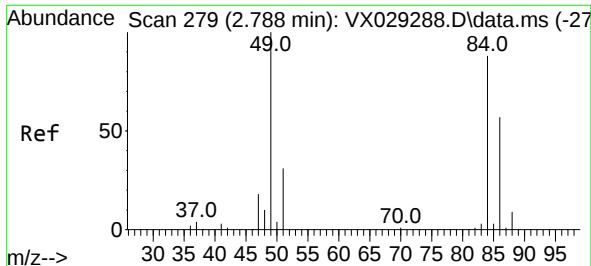
Tgt Ion: 43 Resp: 4933

Ion Ratio Lower Upper

43 100

58 29.0 28.8 43.2





#20

Methylene Chloride

Concen: 0.988 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

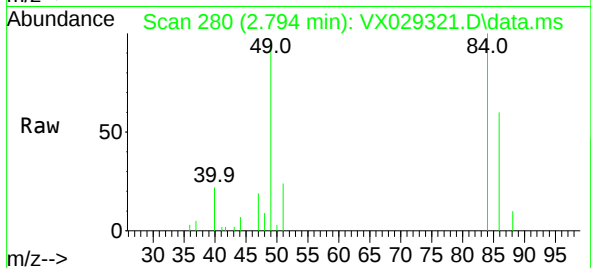
Lab File: VX029321.D

Acq: 08 Jun 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 5165

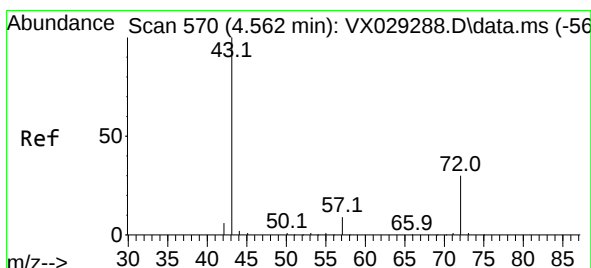
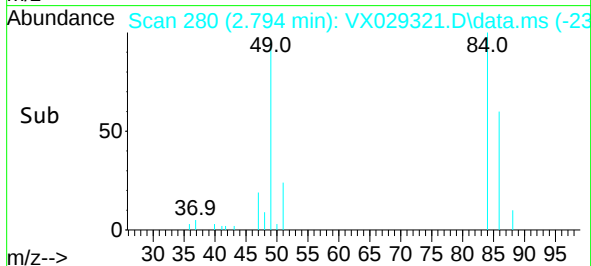
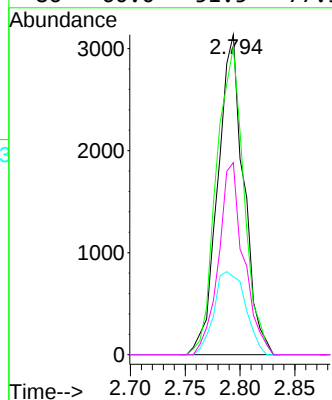
Ion Ratio Lower Upper

84 100

49 96.2 85.5 128.3

51 24.4 26.6 39.8#

86 60.0 51.5 77.3



#25

2-Butanone

Concen: 0.516 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX029321.D

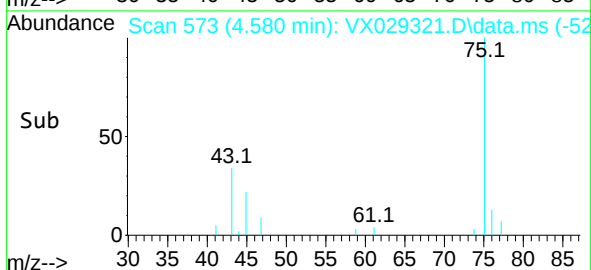
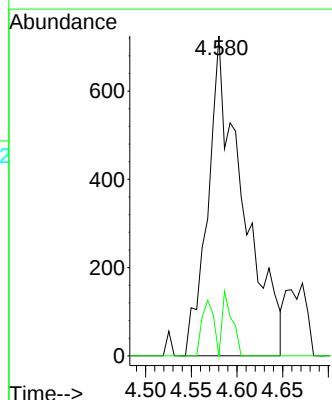
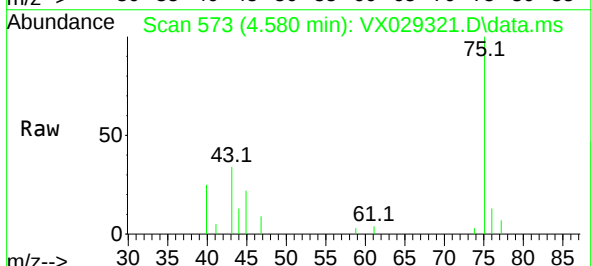
Acq: 08 Jun 2022 15:14

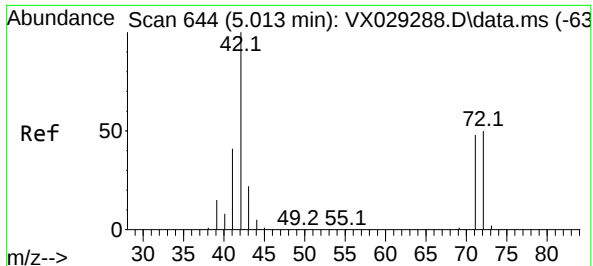
Tgt Ion: 43 Resp: 1913

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#





#29

Tetrahydrofuran

Concen: 0.257 ug/l

RT: 5.037 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX029321.D

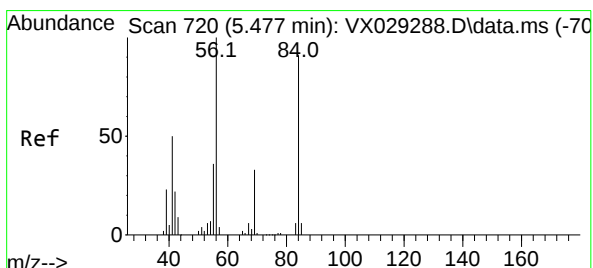
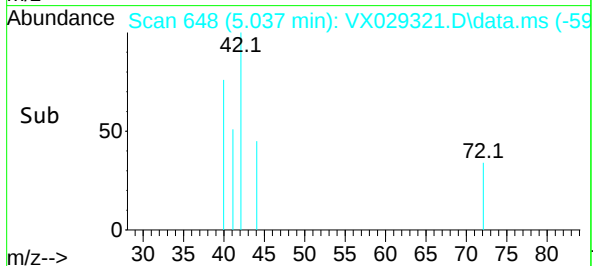
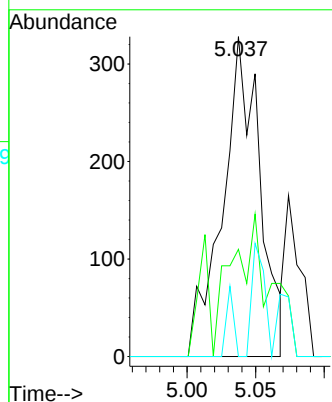
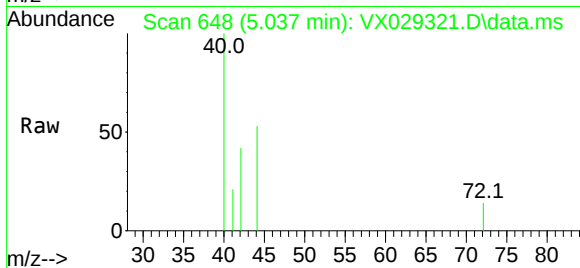
Acq: 08 Jun 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	620
Ion	Ratio	Lower	Upper
42	100		
72	21.9	44.1	66.1#
71	4.2	40.5	60.7#



#31

Cyclohexane

Concen: 0.724 ug/l

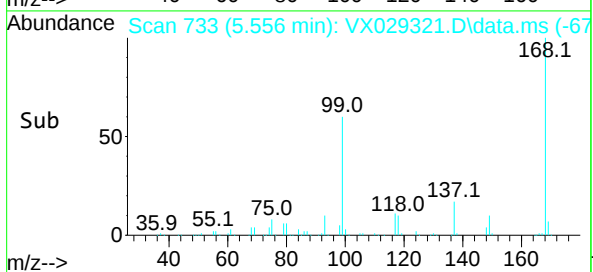
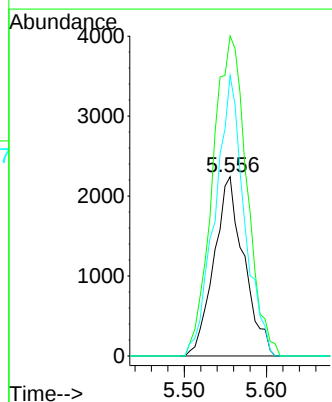
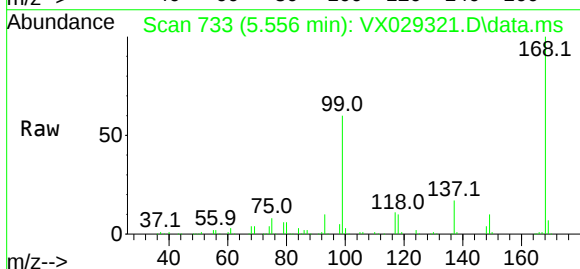
RT: 5.556 min Scan# 733

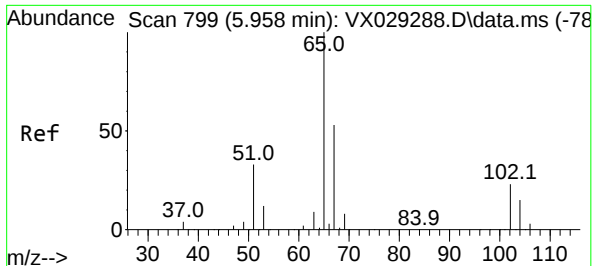
Delta R.T. 0.079 min

Lab File: VX029321.D

Acq: 08 Jun 2022 15:14

Tgt Ion:	56	Resp:	5685
Ion	Ratio	Lower	Upper
56	100		
69	178.6	26.7	40.1#
84	156.6	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 64.034 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029321.D

Acq: 08 Jun 2022 15:14

Instrument :

MSVOA_X

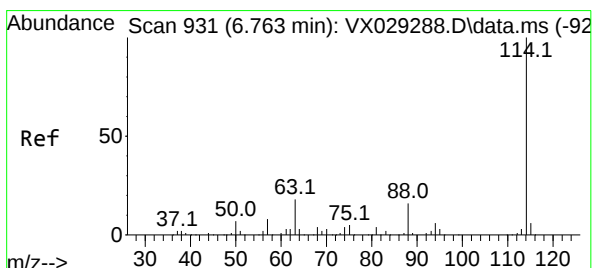
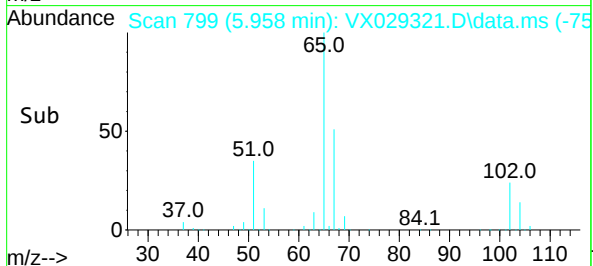
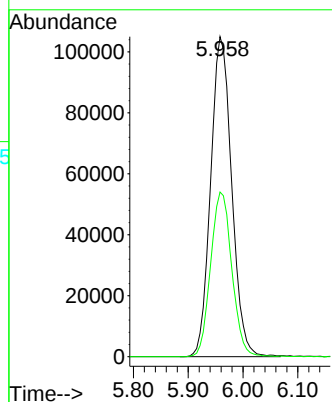
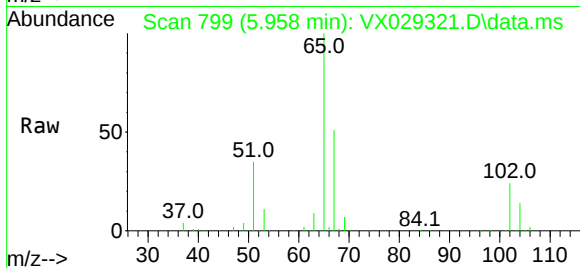
ClientSampleId :

Tgt Ion: 65 Resp: 280020

Ion Ratio Lower Upper

65 100

67 51.8 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: VX029321.D

Acq: 08 Jun 2022 15:14

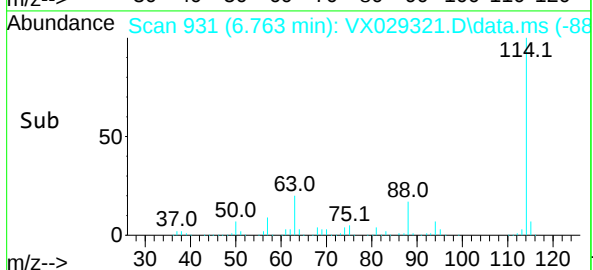
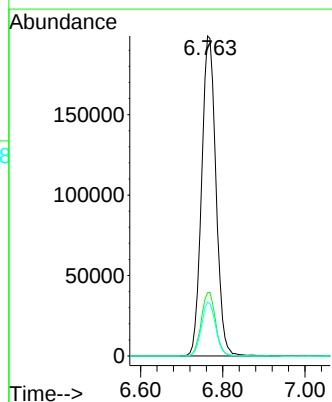
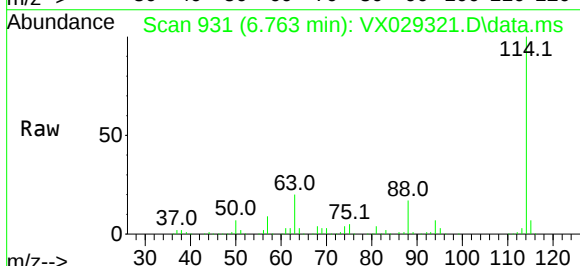
Tgt Ion: 114 Resp: 481165

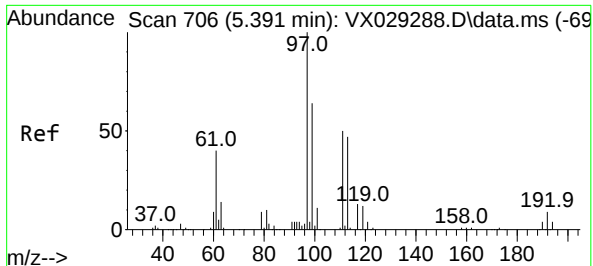
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.858 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

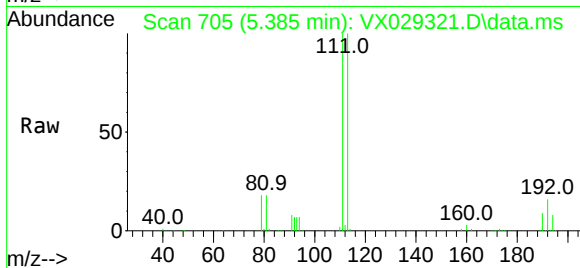
Lab File: VX029321.D

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MSVOA_X

ClientSampleId :



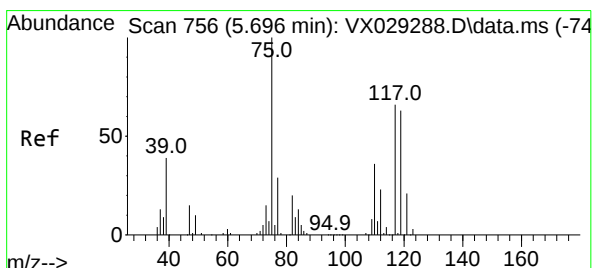
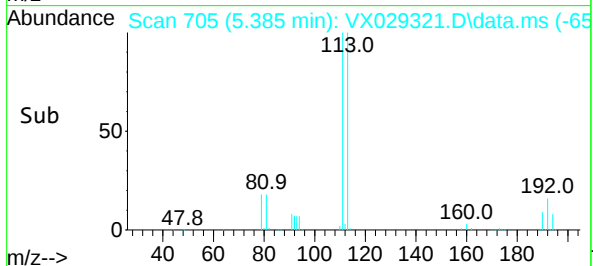
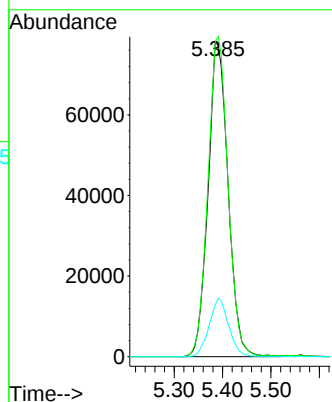
Tgt Ion:113 Resp: 224400

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.394 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.141 min

Lab File: VX029321.D

Acq: 08 Jun 2022 15:14

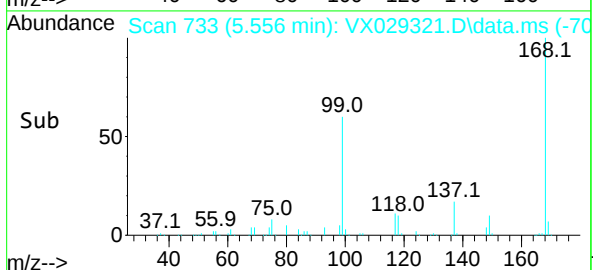
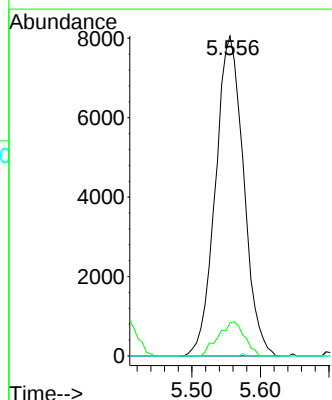
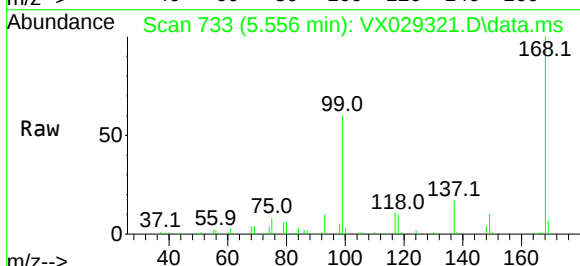
Tgt Ion: 75 Resp: 22934

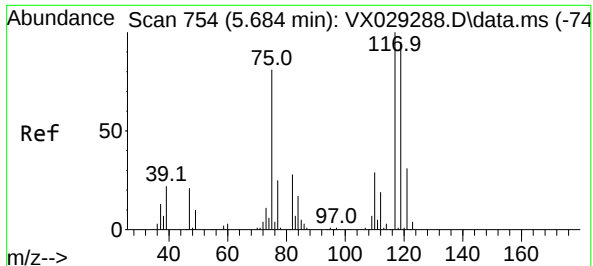
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

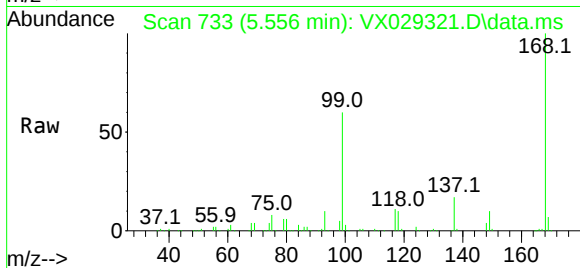
77 0.1 24.8 37.2#



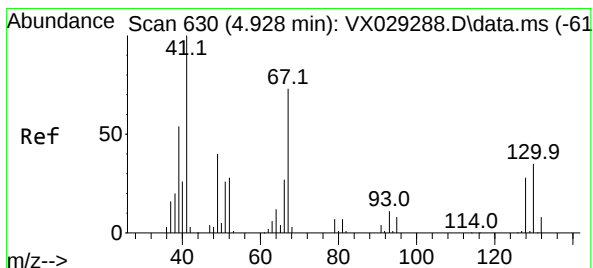
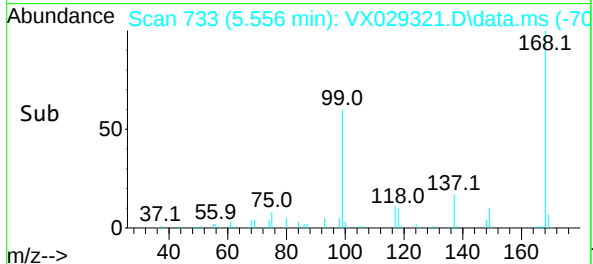
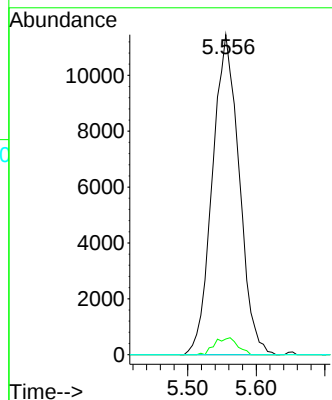


#38
Carbon Tetrachloride
Concen: 4.494 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :

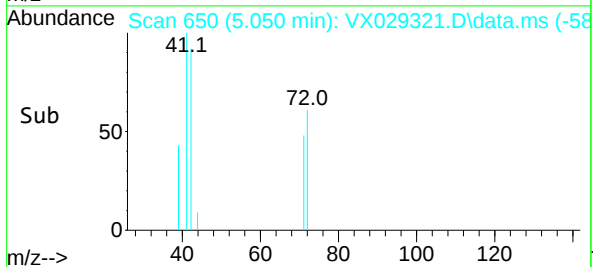
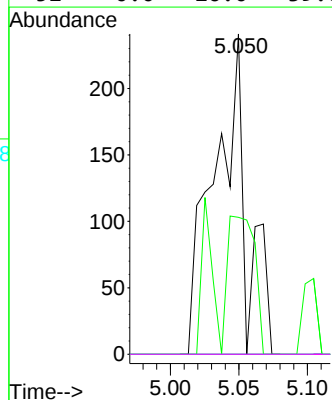
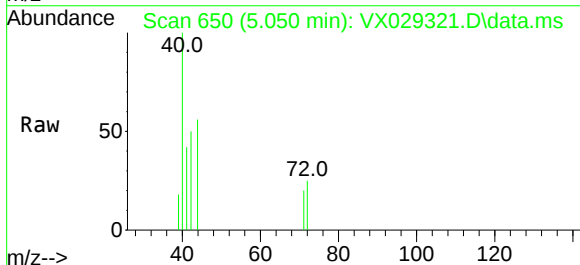


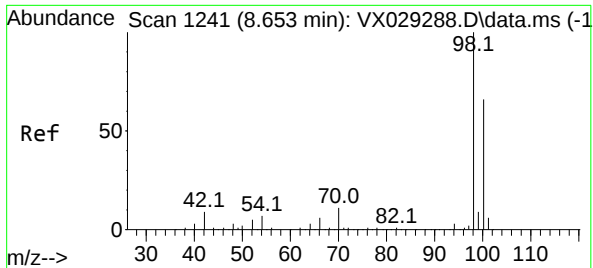
Tgt Ion:117 Resp: 31040
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

Tgt Ion: 41 Resp: 398
Ion Ratio Lower Upper
41 100
39 35.9 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

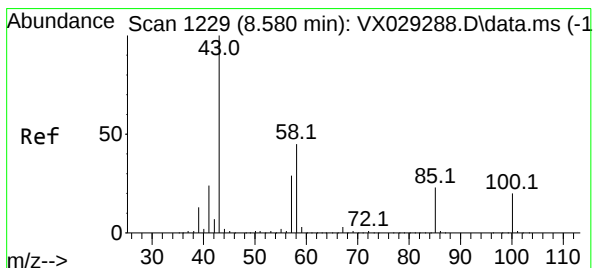
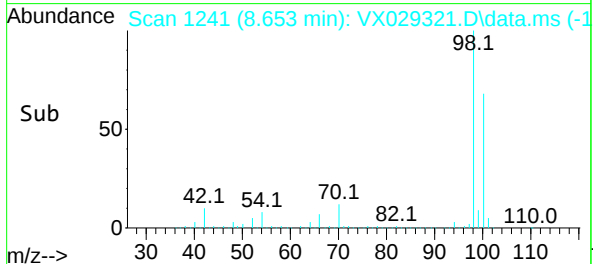
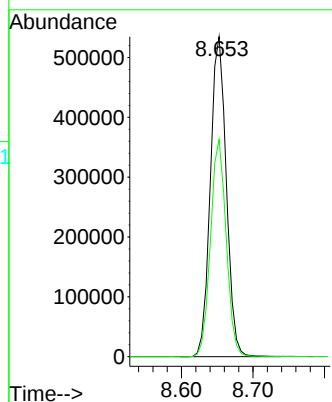
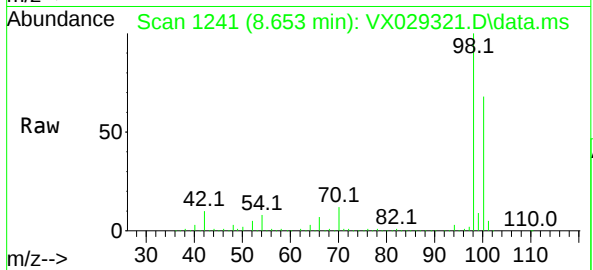




#50
Toluene-d8
Concen: 57.213 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

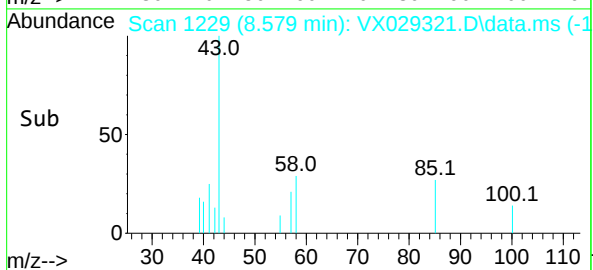
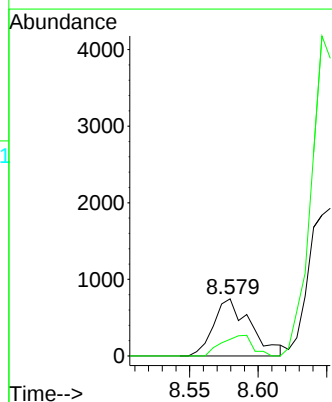
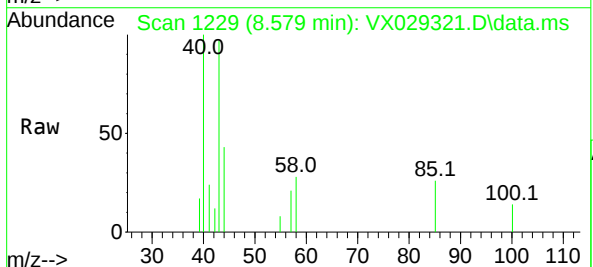
Instrument :
MSVOA_X
ClientSampleId :

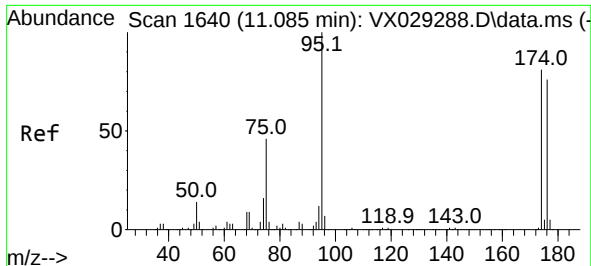
Tgt Ion: 98 Resp: 827713
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.203 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
58 30.4 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 54.814 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029321.D

Acq: 08 Jun 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

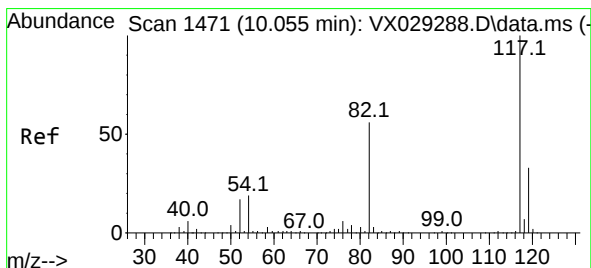
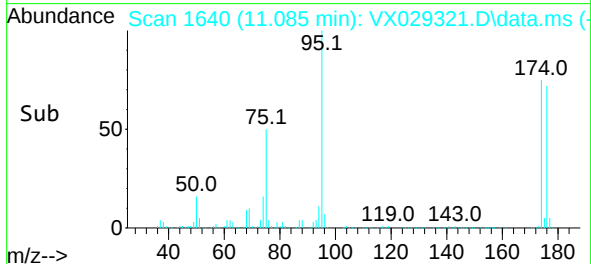
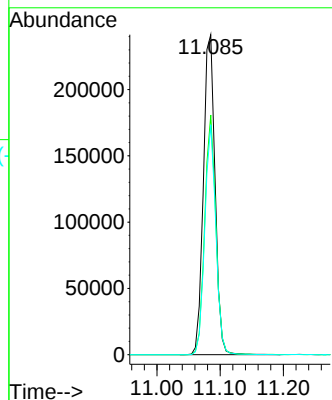
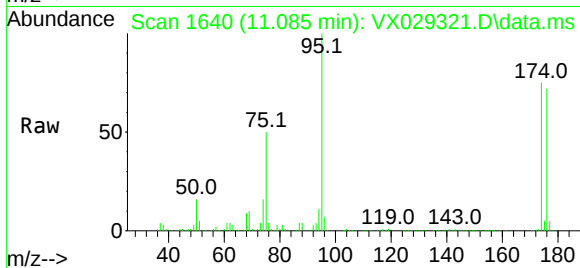
Tgt Ion: 95 Resp: 310332

Ion Ratio Lower Upper

95 100

174 71.5 0.0 163.0

176 68.1 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: VX029321.D

Acq: 08 Jun 2022 15:14

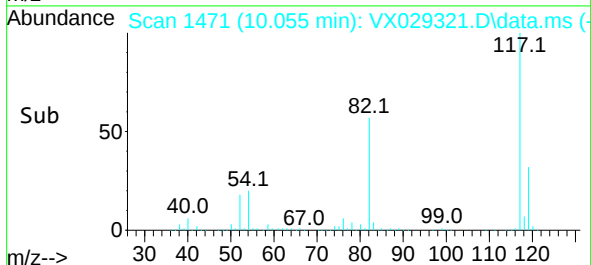
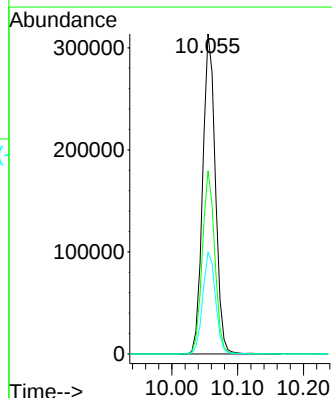
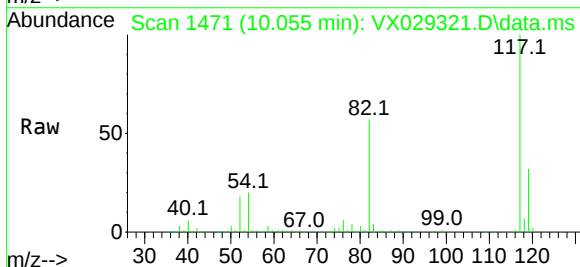
Tgt Ion: 117 Resp: 420302

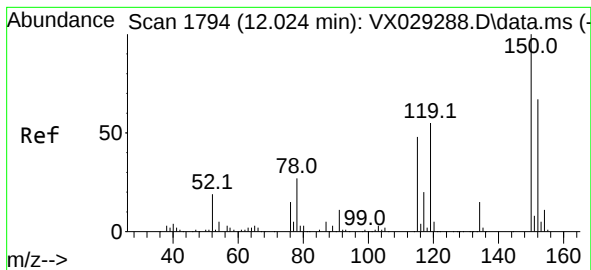
Ion Ratio Lower Upper

117 100

82 57.2 41.8 62.8

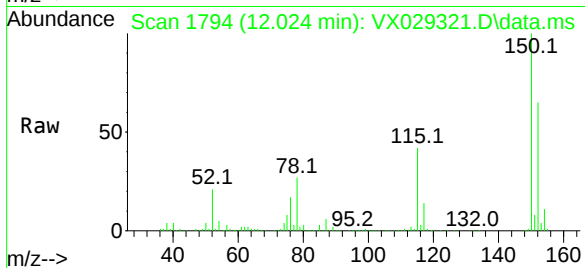
119 31.8 24.8 37.2



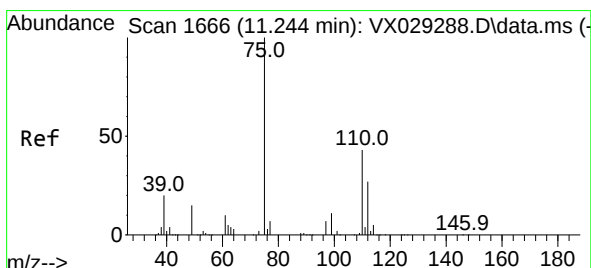
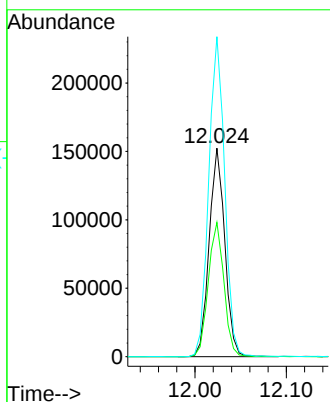
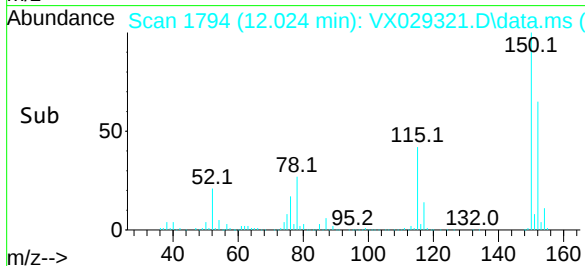


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029321.D
 Acq: 08 Jun 2022 15:14

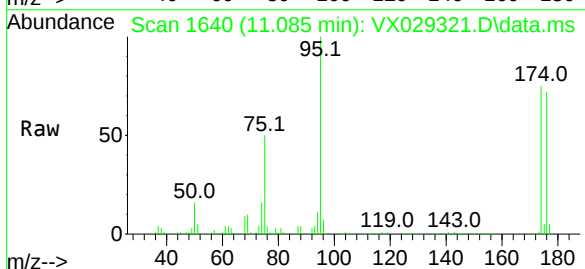
Instrument :
 MSVOA_X
 ClientSampleId :



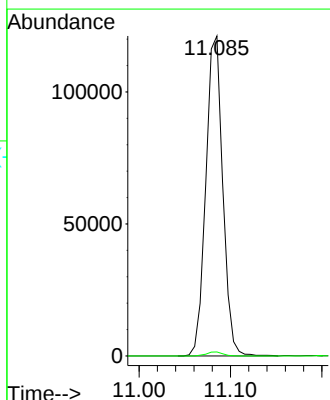
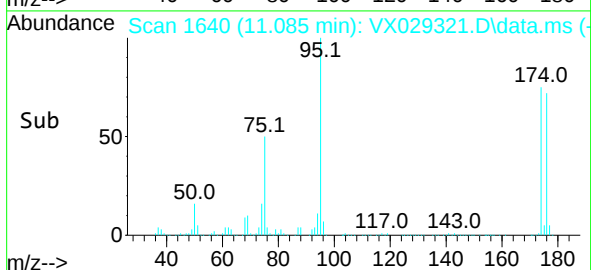
Tgt Ion:152 Resp: 180841
 Ion Ratio Lower Upper
 152 100
 115 64.4 37.5 112.7
 150 156.3 0.0 338.2

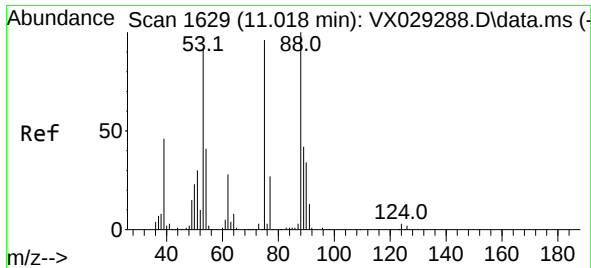


#76
 1,2,3-Trichloropropane
 Concen: 36.803 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX029321.D
 Acq: 08 Jun 2022 15:14



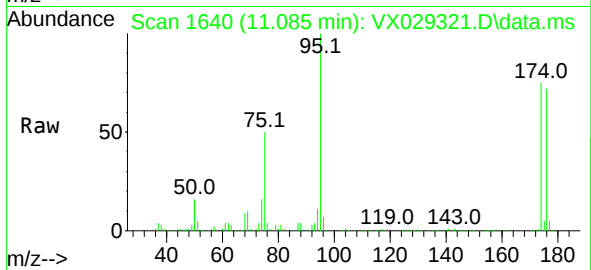
Tgt Ion: 75 Resp: 155454
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.615 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029321.D
 Acq: 08 Jun 2022 15:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 155454
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.0 103.4#
 89 0.0 37.0 55.6#

