

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029323.D
 Acq On : 08 Jun 2022 16:00
 Operator : JC/MD
 Sample : N3189-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 07:00:19 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)

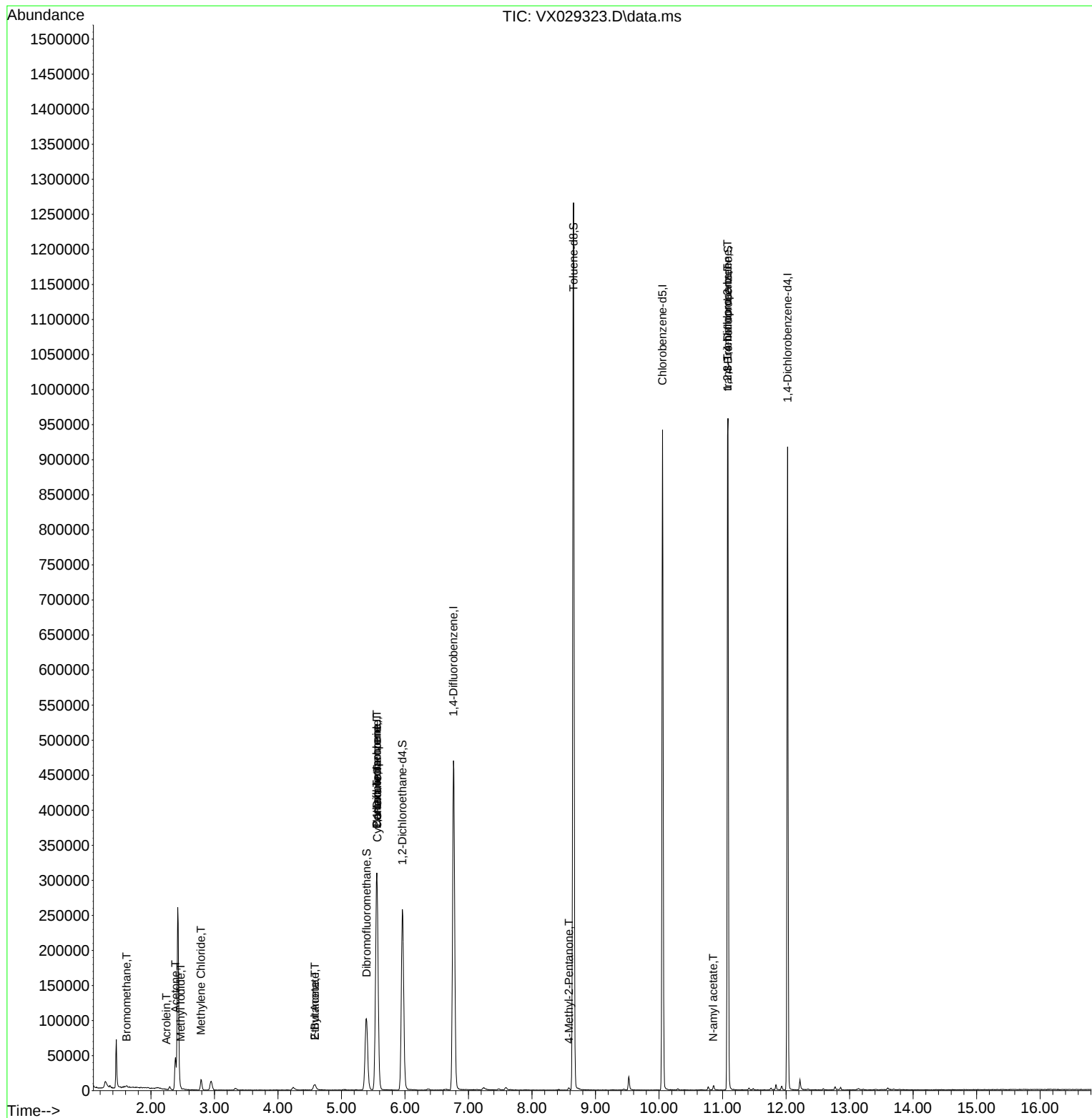
Internal Standards						
1) Pentafluorobenzene	5.556	168	283530	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	479131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	251088	58.474	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.940%
35) Dibromofluoromethane	5.397	113	91655	22.501	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	45.000%#
50) Toluene-d8	8.653	98	748154	51.933	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.860%
62) 4-Bromofluorobenzene	11.085	95	278266	49.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.720%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	1022	0.383	ug/l	81
6) Chloroethane	1.624	64	1052	Below Cal	#	43
10) Methyl Iodide	2.465	142	530	1.331	ug/l	# 81
11) Tert butyl alcohol	2.947	59	8038	Below Cal	#	72
13) Acrolein	2.239	56	444	0.848	ug/l	# 76
16) Acetone	2.386	43	48727	21.244	ug/l	97
20) Methylene Chloride	2.788	84	6338	1.237	ug/l	97
25) 2-Butanone	4.581	43	9795	2.700	ug/l	98
31) Cyclohexane	5.562	56	5889	0.766	ug/l	# 6
36) 1,1-Dichloropropene	5.556	75	22889	3.402	ug/l	# 50
37) Ethyl Acetate	4.581	43	9795	1.410	ug/l	# 65
38) Carbon Tetrachloride	5.556	117	30110	4.378	ug/l	# 16
41) Methacrylonitrile	4.891	41	26	Below Cal	#	18
51) 4-Methyl-2-Pentanone	8.580	43	2032	0.298	ug/l	92
74) N-amyl acetate	10.854	43	1006	0.209	ug/l	# 18
76) 1,2,3-Trichloropropane	11.079	75	140156	33.284	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	140156	101.152	ug/l	# 15

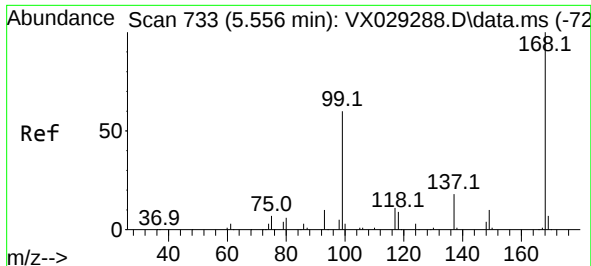
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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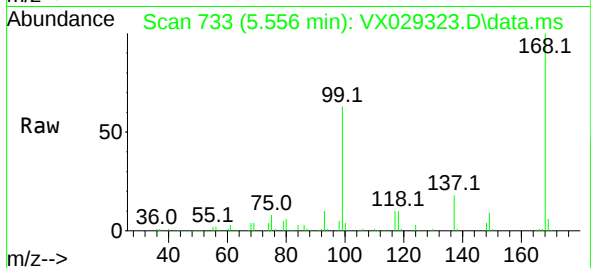
Quant Time: Jun 09 07:00:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration



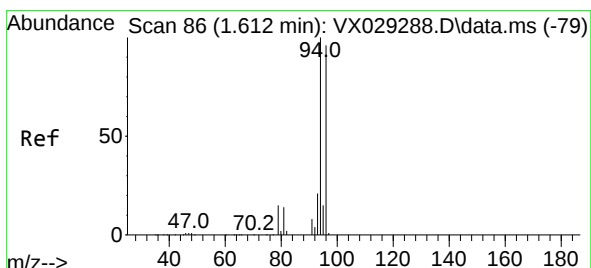
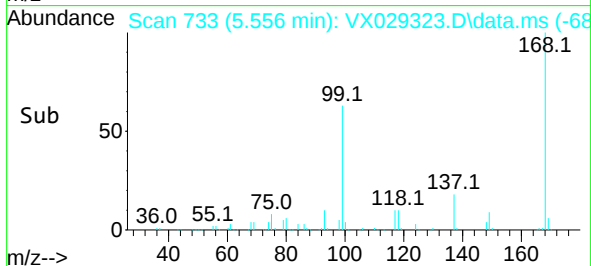
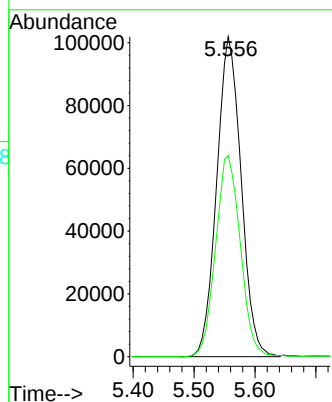


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :

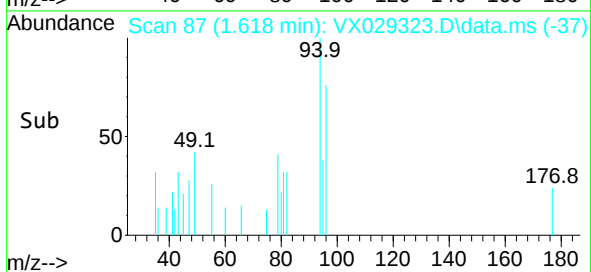
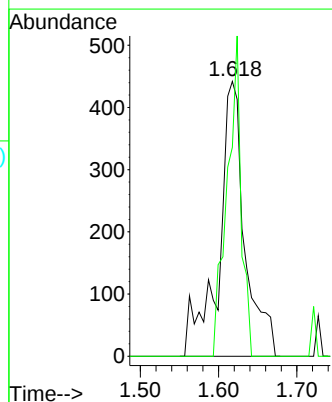
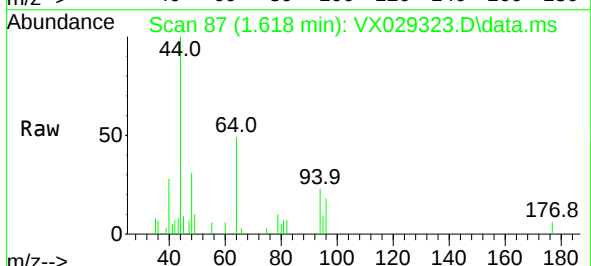


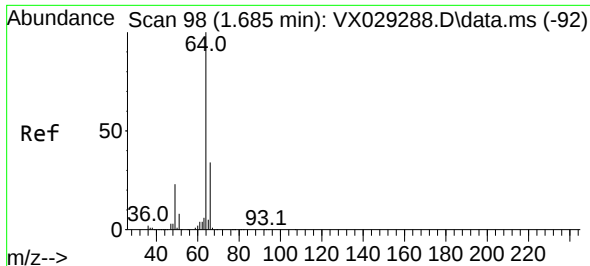
Tgt Ion:168 Resp: 283530
Ion Ratio Lower Upper
168 100
99 62.9 41.7 62.5#



#5
Bromomethane
Concen: 0.383 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

Tgt Ion: 94 Resp: 1022
Ion Ratio Lower Upper
94 100
96 76.0 75.3 112.9

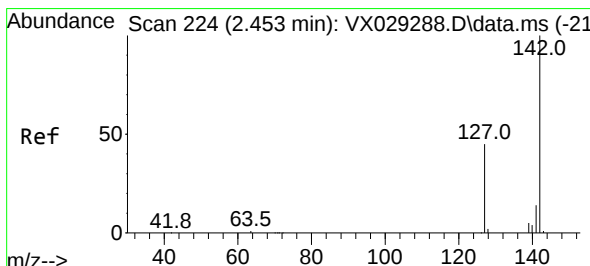
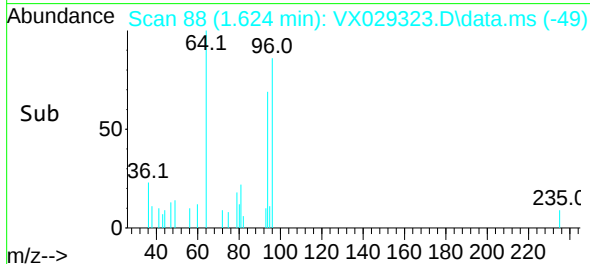
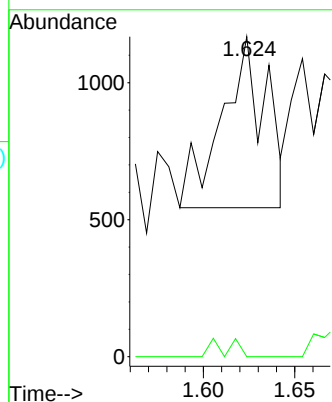
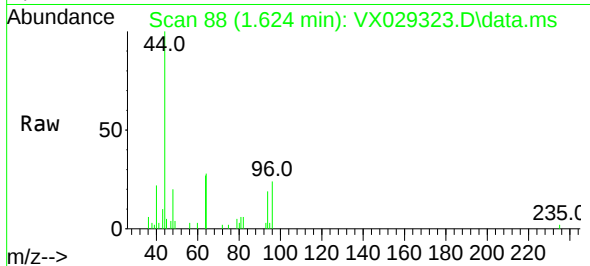




#6
Chloroethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. -0.061 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

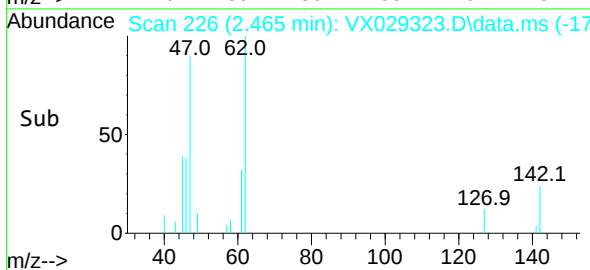
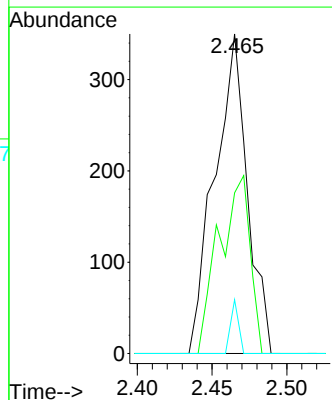
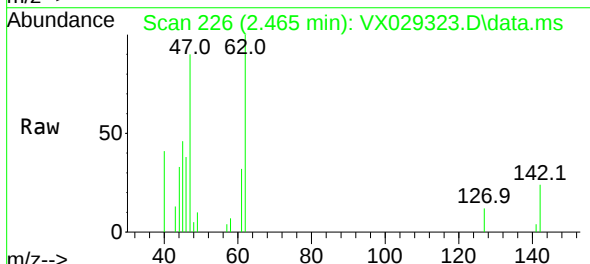
Instrument :
MSVOA_X
ClientSampleId :

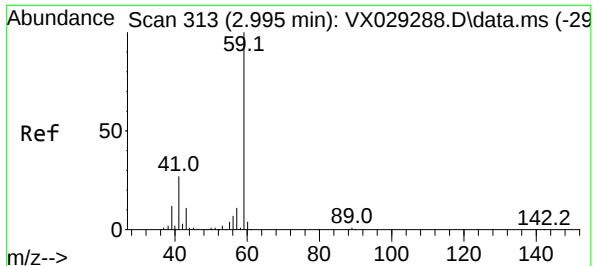
Tgt Ion: 64 Resp: 1052
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 1.331 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

Tgt Ion: 142 Resp: 530
Ion Ratio Lower Upper
142 100
127 53.0 33.9 50.9#
141 4.2 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX029323.D

Acq: 08 Jun 2022 16:00

Instrument :

MSVOA_X

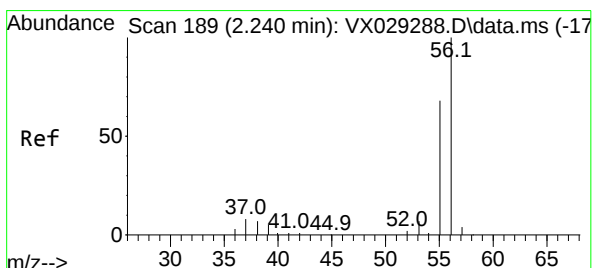
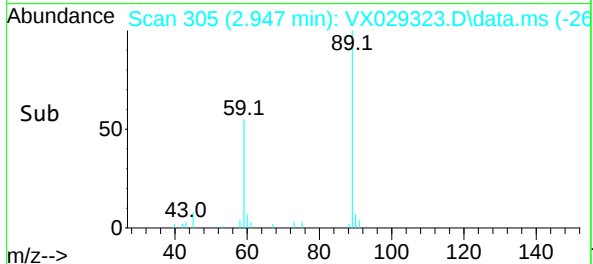
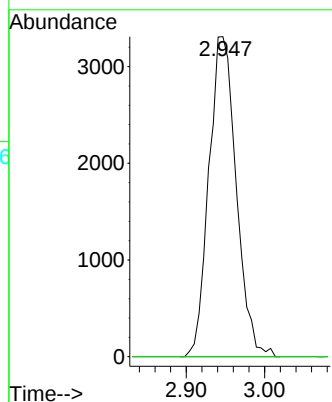
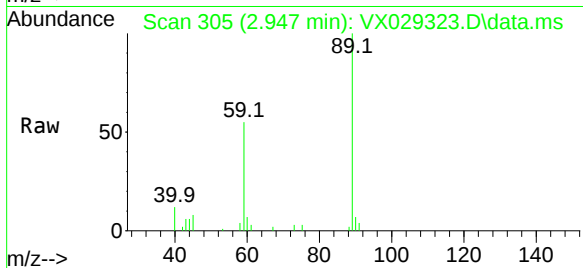
ClientSampleId :

Tgt Ion: 59 Resp: 8038

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.848 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX029323.D

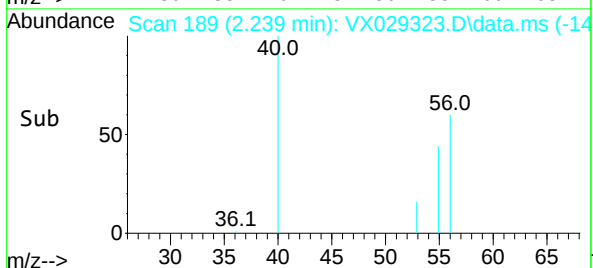
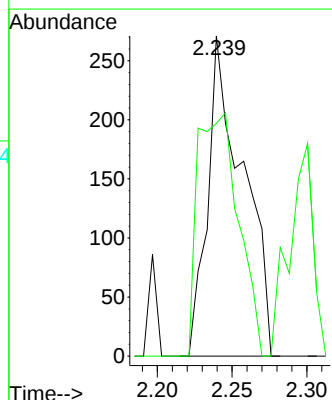
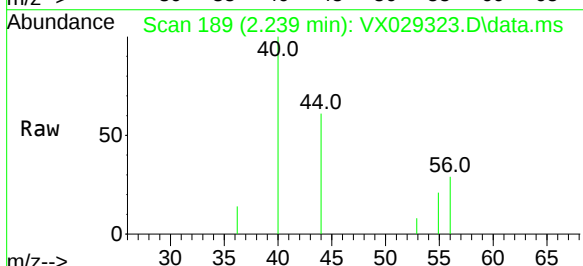
Acq: 08 Jun 2022 16:00

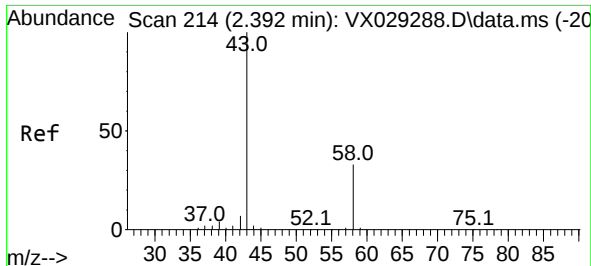
Tgt Ion: 56 Resp: 444

Ion Ratio Lower Upper

56 100

55 88.1 55.0 82.6#

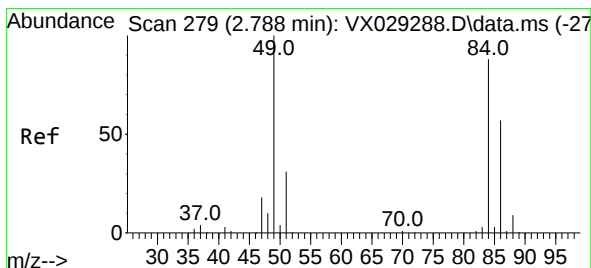
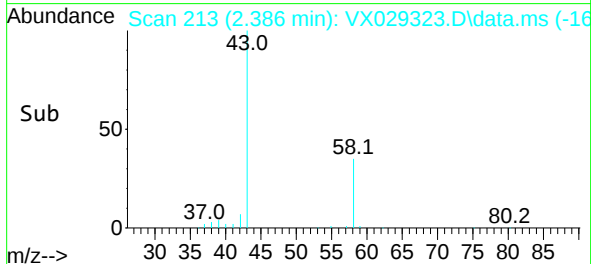
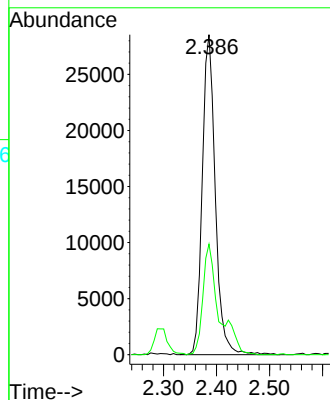
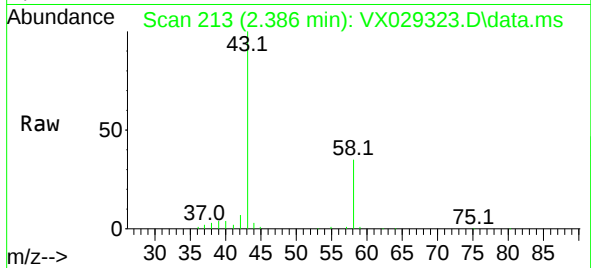




#16
Acetone
Concen: 21.244 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

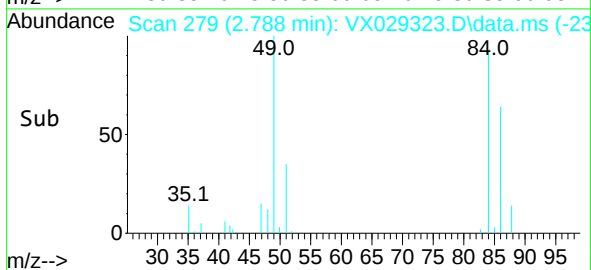
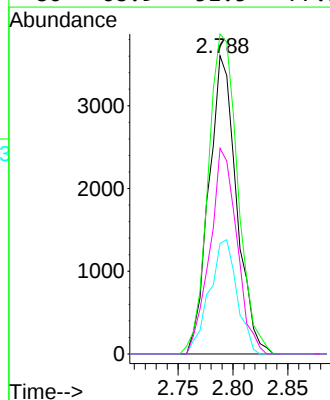
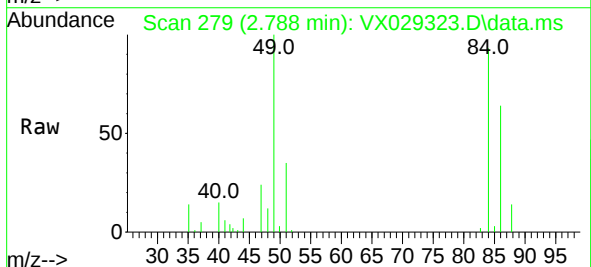
Instrument :
MSVOA_X
ClientSampleId :

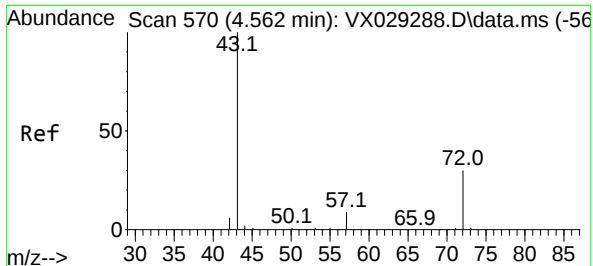
Tgt Ion: 43 Resp: 48727
Ion Ratio Lower Upper
43 100
58 34.3 28.8 43.2



#20
Methylene Chloride
Concen: 1.237 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

Tgt Ion: 84 Resp: 6338
Ion Ratio Lower Upper
84 100
49 107.3 85.5 128.3
51 37.0 26.6 39.8
86 68.9 51.5 77.3





#25

2-Butanone

Concen: 2.700 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX029323.D

Acq: 08 Jun 2022 16:00

Instrument :

MSVOA_X

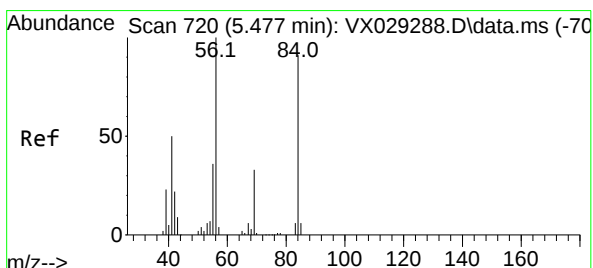
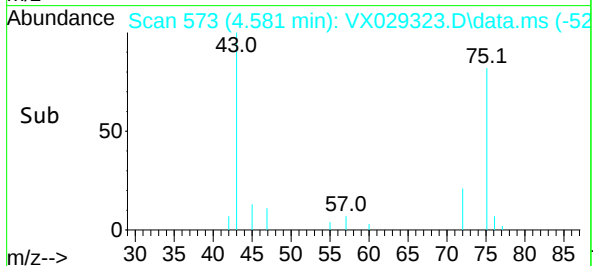
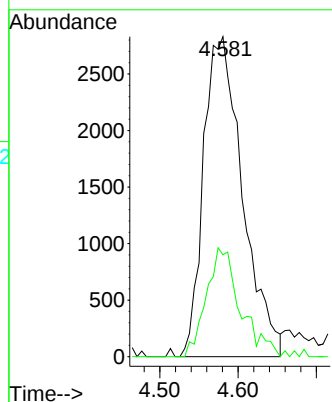
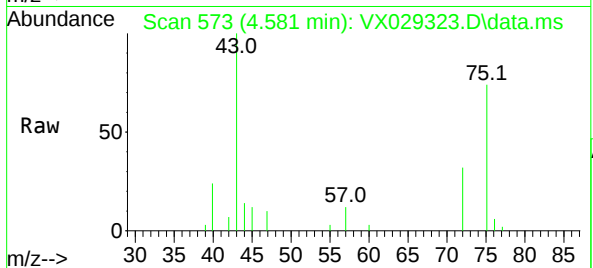
ClientSampleId :

Tgt Ion: 43 Resp: 9795

Ion Ratio Lower Upper

43 100

72 31.8 24.4 36.6



#31

Cyclohexane

Concen: 0.766 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX029323.D

Acq: 08 Jun 2022 16:00

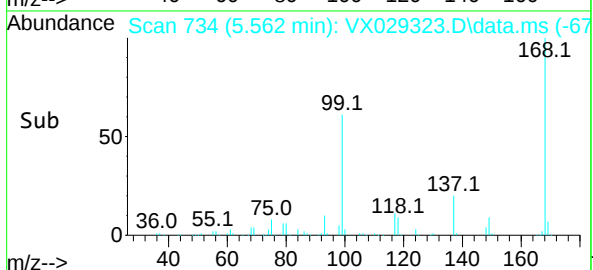
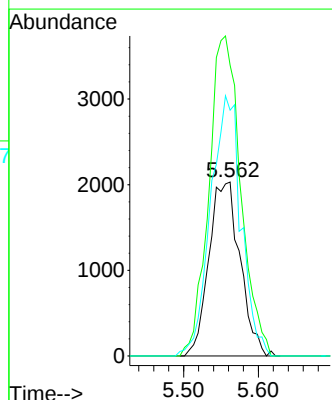
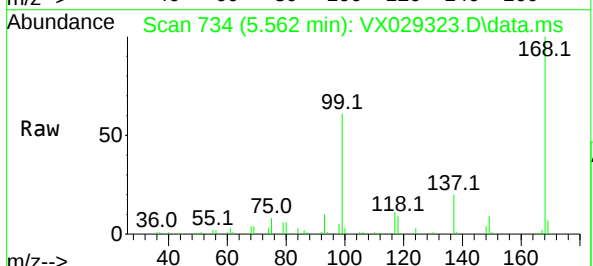
Tgt Ion: 56 Resp: 5889

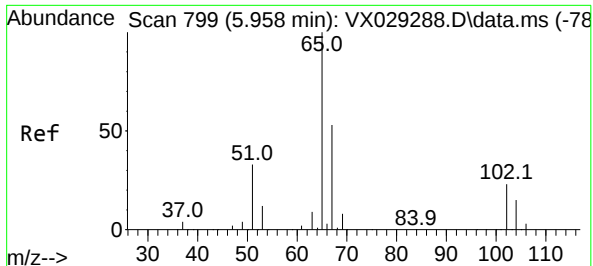
Ion Ratio Lower Upper

56 100

69 167.1 26.7 40.1#

84 141.3 77.2 115.8#

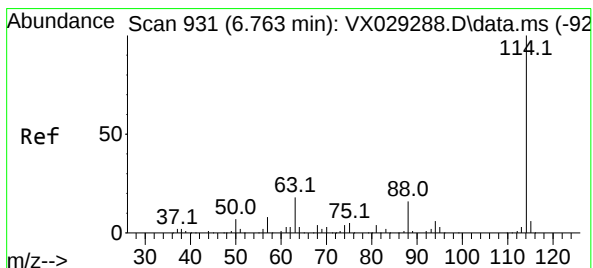
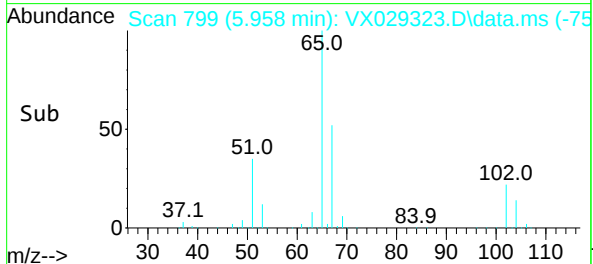
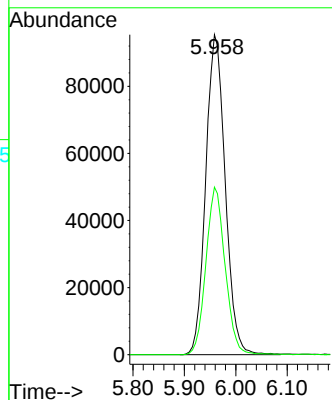
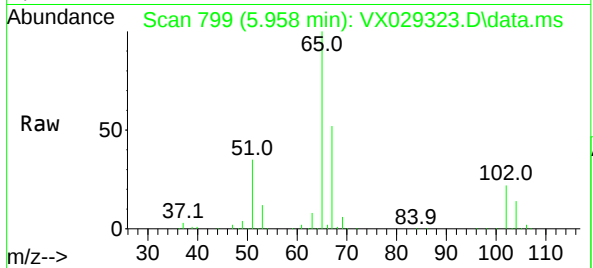




#33
1,2-Dichloroethane-d4
Concen: 58.474 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

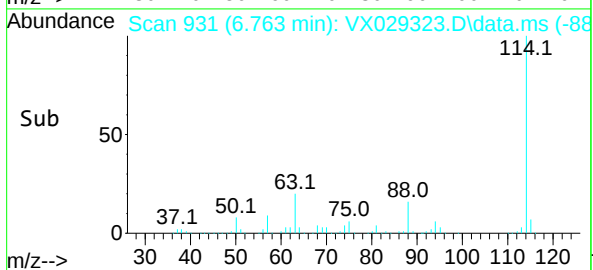
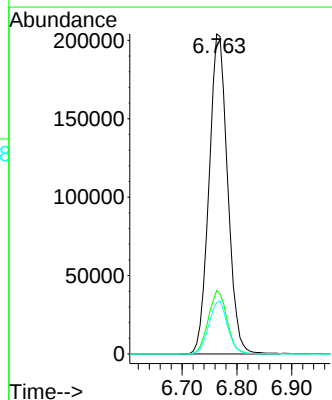
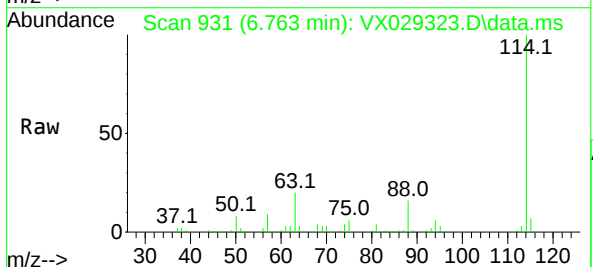
Instrument :
MSVOA_X
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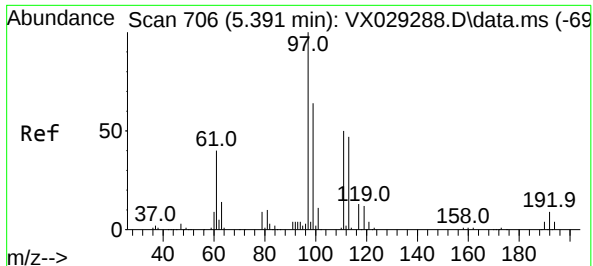
Tgt Ion: 65 Resp: 251088
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

Tgt Ion: 114 Resp: 479131
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 22.501 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

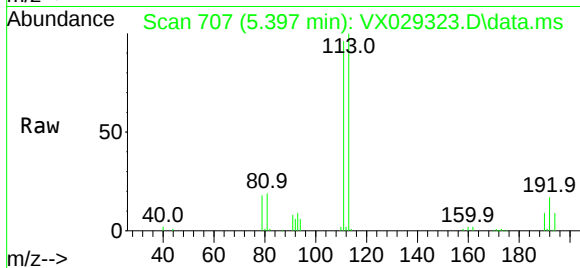
Lab File: VX029323.D

Acq: 08 Jun 2022 16:00

Instrument :

MSVOA_X

ClientSampleId :



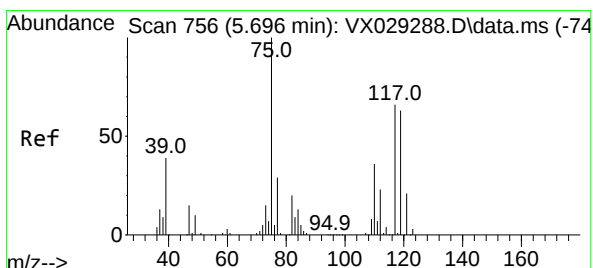
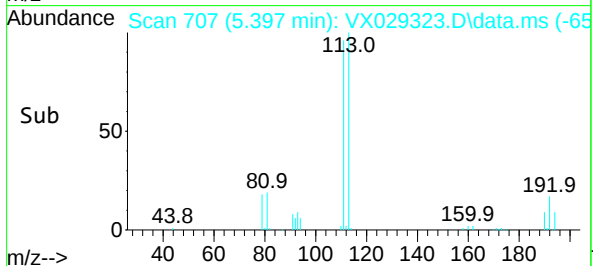
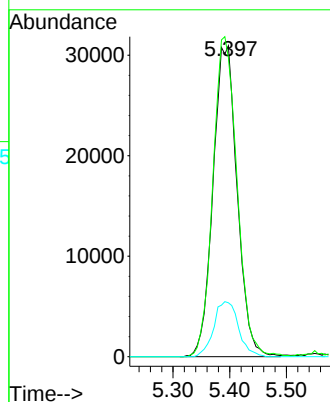
Tgt Ion:113 Resp: 91655

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.402 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029323.D

Acq: 08 Jun 2022 16:00

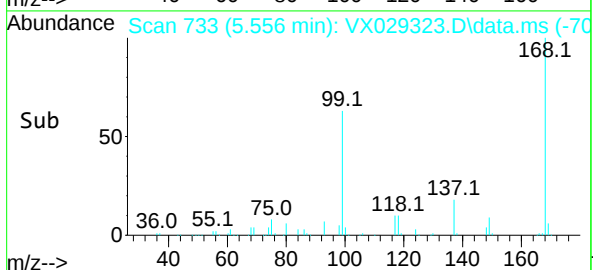
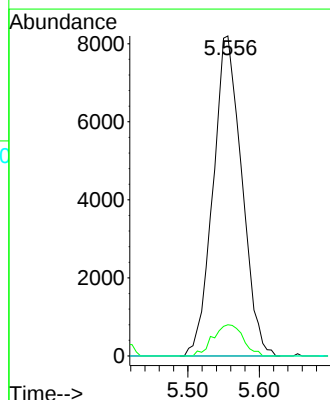
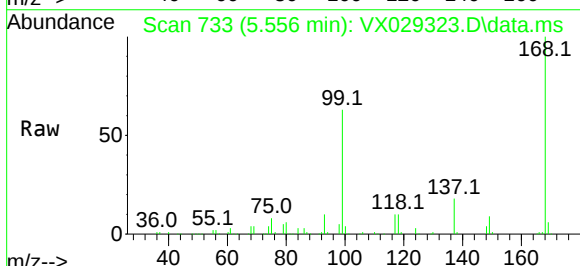
Tgt Ion: 75 Resp: 22889

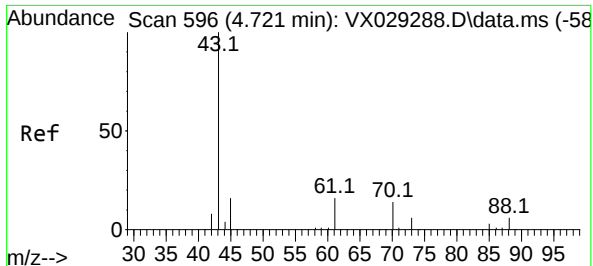
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.410 ug/l

RT: 4.581 min Scan# 51

Delta R.T. -0.140 min

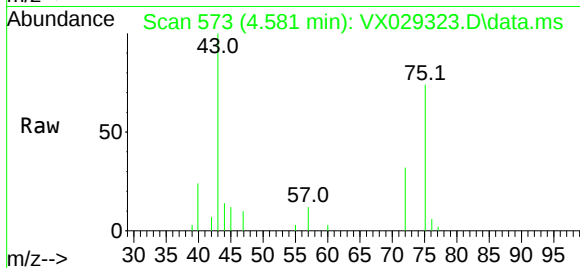
Lab File: VX029323.D

Acq: 08 Jun 2022 16:00

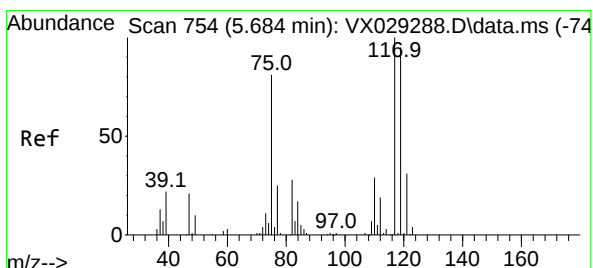
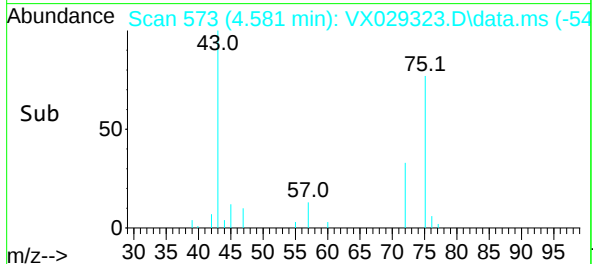
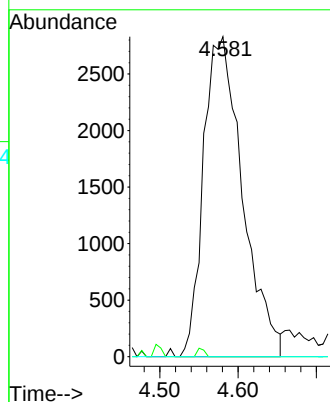
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	9795
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	10.2	15.2#



#38

Carbon Tetrachloride

Concen: 4.378 ug/l

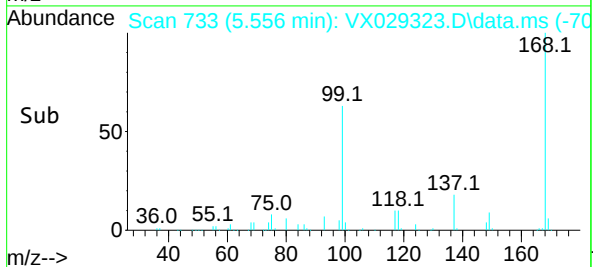
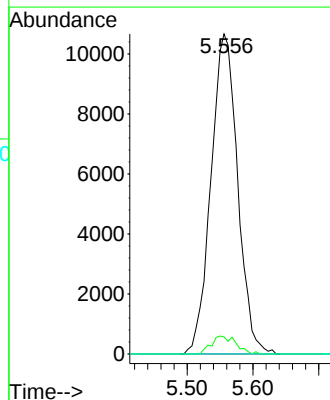
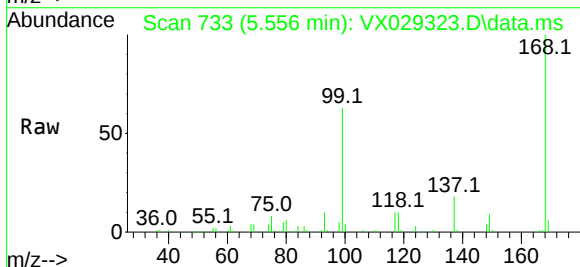
RT: 5.556 min Scan# 733

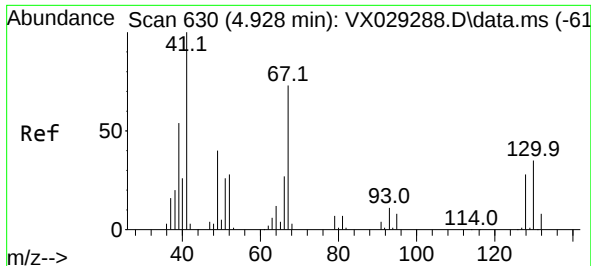
Delta R.T. -0.128 min

Lab File: VX029323.D

Acq: 08 Jun 2022 16:00

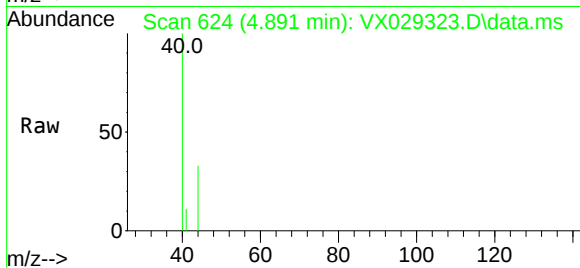
Tgt Ion:	117	Resp:	30110
Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.3	115.9#
121	0.0	24.2	36.2#



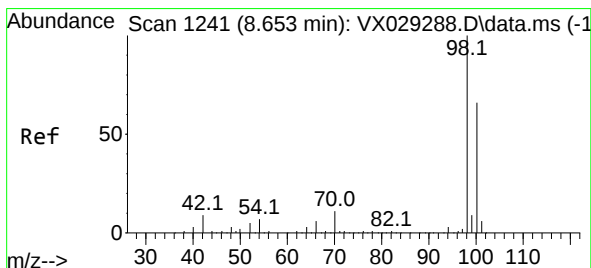
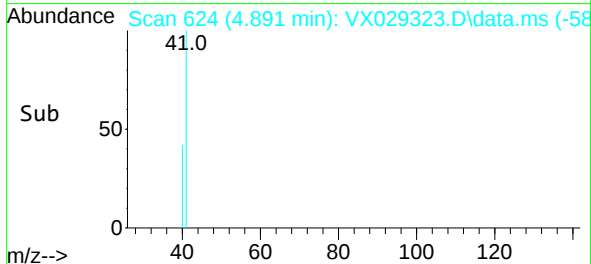
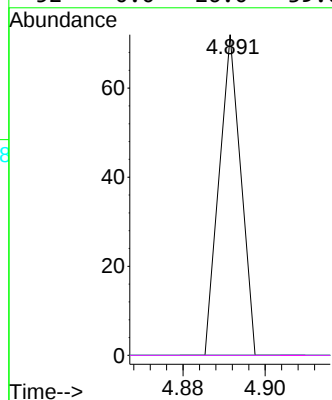


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.891 min Scan# 61
Delta R.T. -0.037 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :

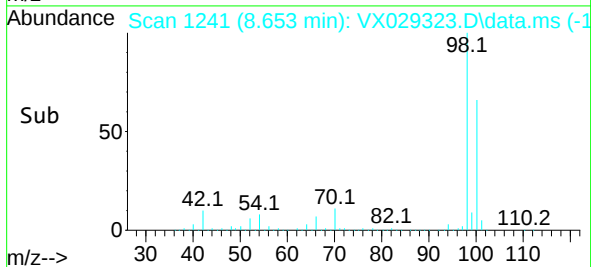
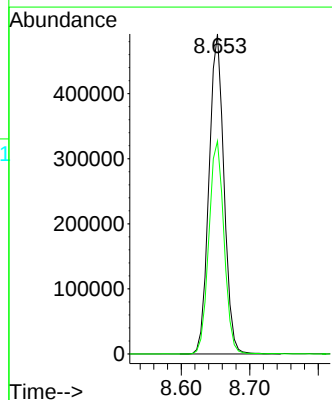
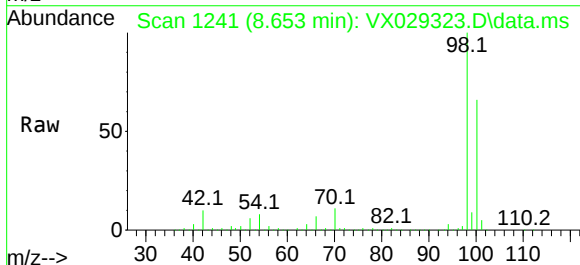


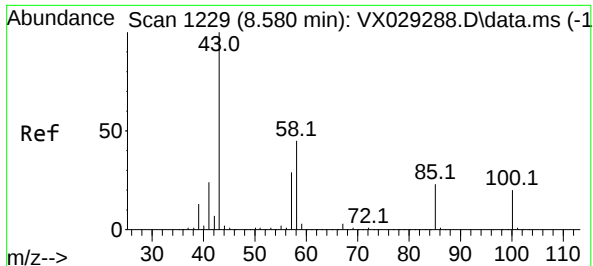
Tgt Ion: 41	Resp: 26
Ion Ratio	Lower Upper
41 100	
39 0.0	43.0 64.4#
67 0.0	70.2 105.4#
52 0.0	26.0 39.0#



#50
Toluene-d8
Concen: 51.933 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

Tgt Ion: 98	Resp: 748154
Ion Ratio	Lower Upper
98 100	
100 67.3	52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.298 ug/l

RT: 8.580 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029323.D

Acq: 08 Jun 2022 16:00

Instrument :

MSVOA_X

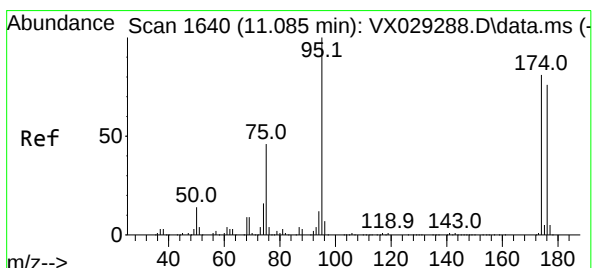
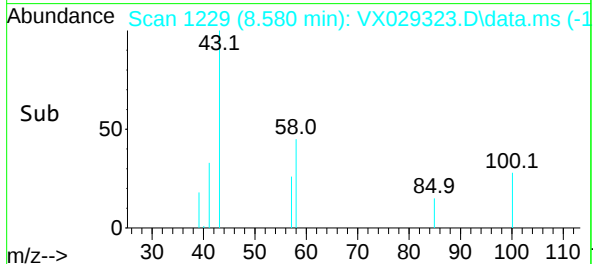
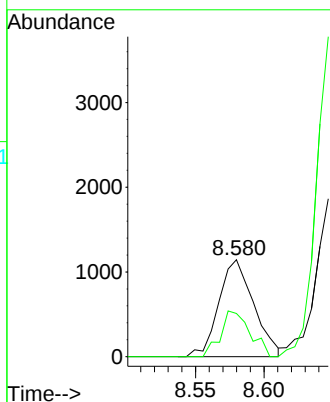
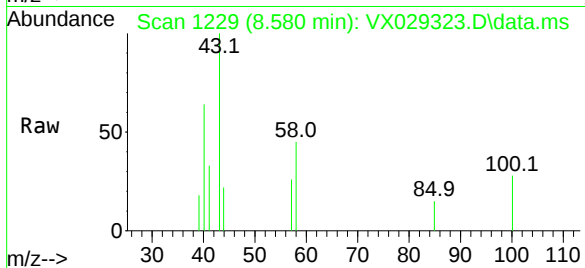
ClientSampleId :

Tgt Ion: 43 Resp: 2032

Ion Ratio Lower Upper

43 100

58 39.6 36.1 54.1



#62

4-Bromofluorobenzene

Concen: 49.359 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX029323.D

Acq: 08 Jun 2022 16:00

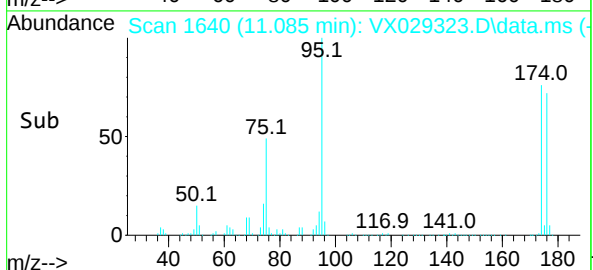
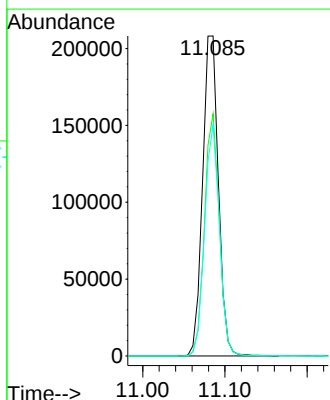
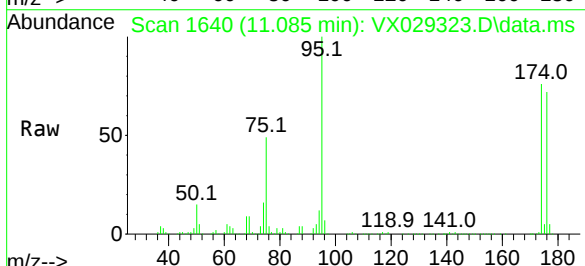
Tgt Ion: 95 Resp: 278266

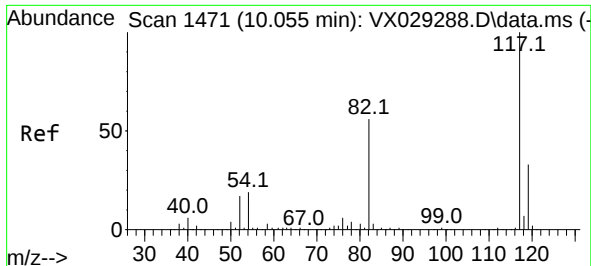
Ion Ratio Lower Upper

95 100

174 71.0 0.0 163.0

176 68.1 0.0 155.0

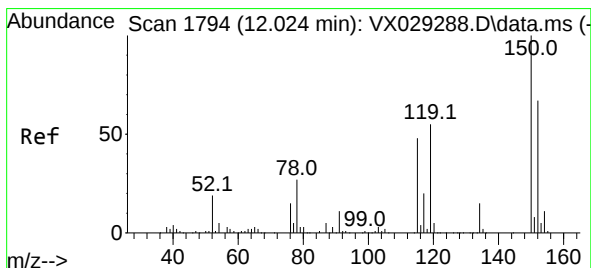
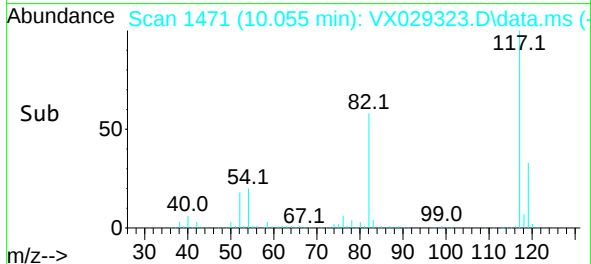
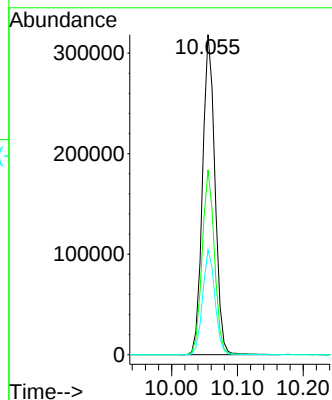
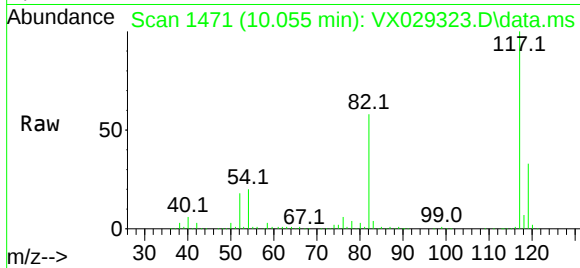




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

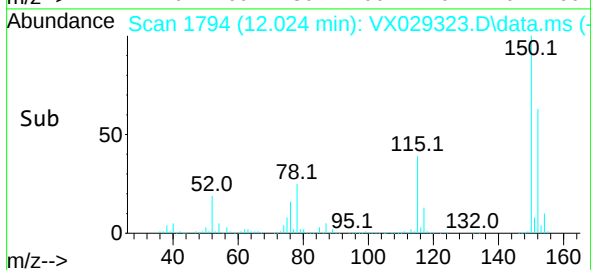
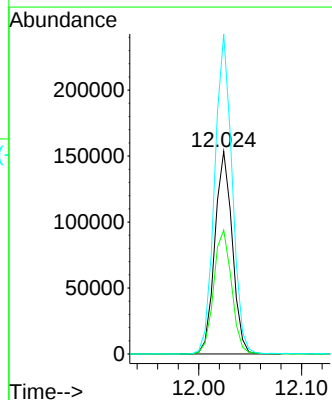
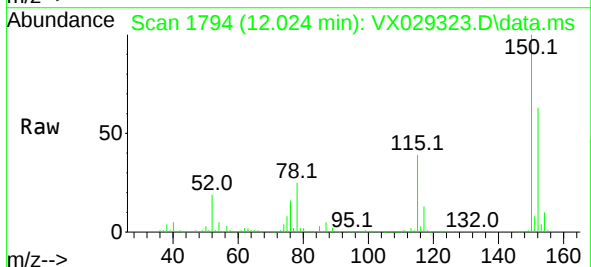
Instrument :
MSVOA_X
ClientSampleId :

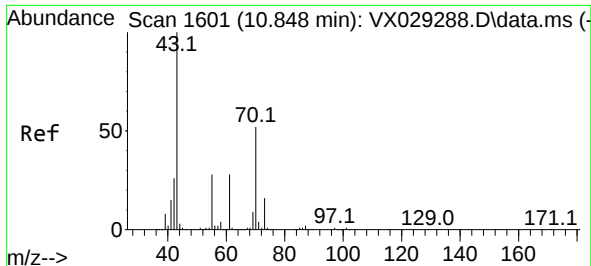
Tgt Ion:117 Resp: 417562
Ion Ratio Lower Upper
117 100
82 57.7 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

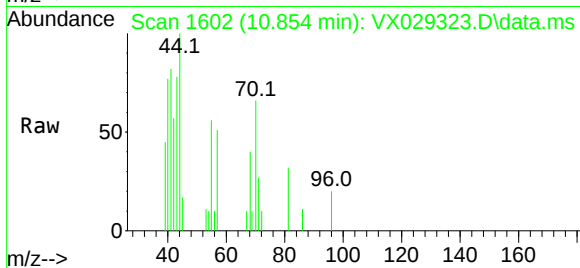
Tgt Ion:152 Resp: 180285
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 158.7 0.0 338.2



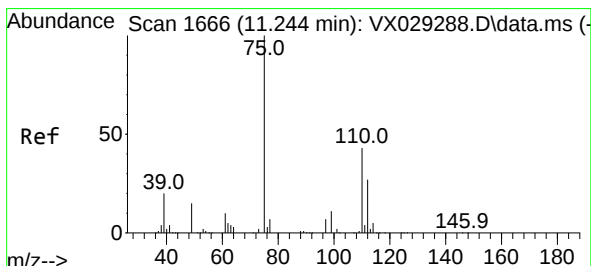
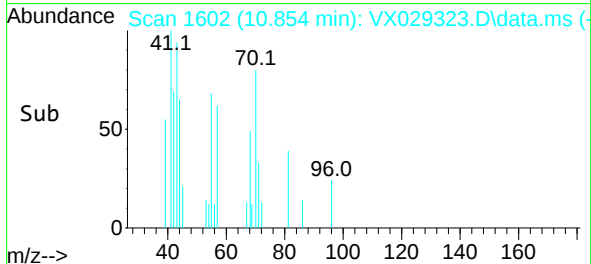
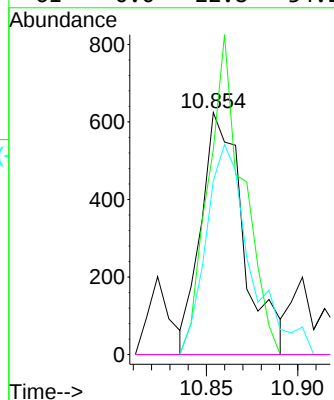


#74
N-amy1 acetate
Concen: 0.209 ug/l
RT: 10.854 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :

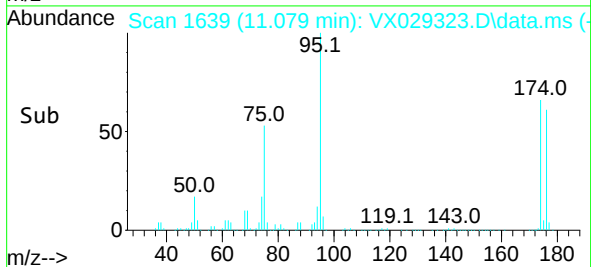
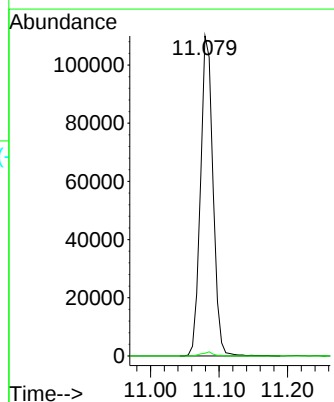
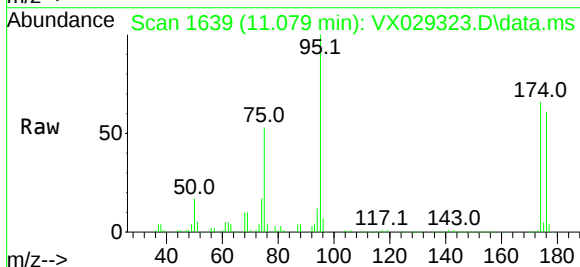


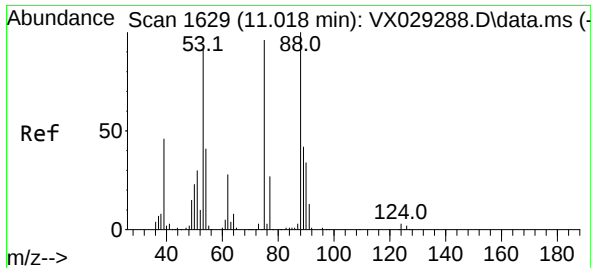
Tgt Ion: 43	Resp: 1006
Ion Ratio	Lower Upper
43	100
70	108.8 42.5 63.7#
55	91.4 23.1 34.7#
61	0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 33.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029323.D
Acq: 08 Jun 2022 16:00

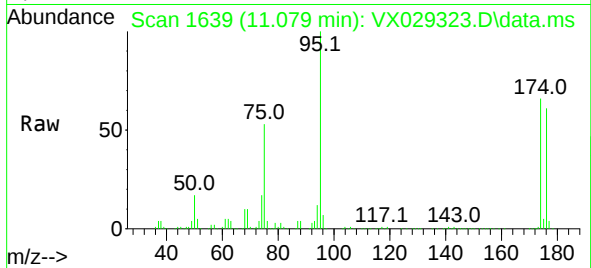
Tgt Ion: 75	Resp: 140156
Ion Ratio	Lower Upper
75	100
77	1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.152 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029323.D
 Acq: 08 Jun 2022 16:00

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 140156
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

