

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026302.D
 Acq On : 05 Jan 2022 04:10
 Operator : JC/MD
 Sample : PB141821ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:44:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

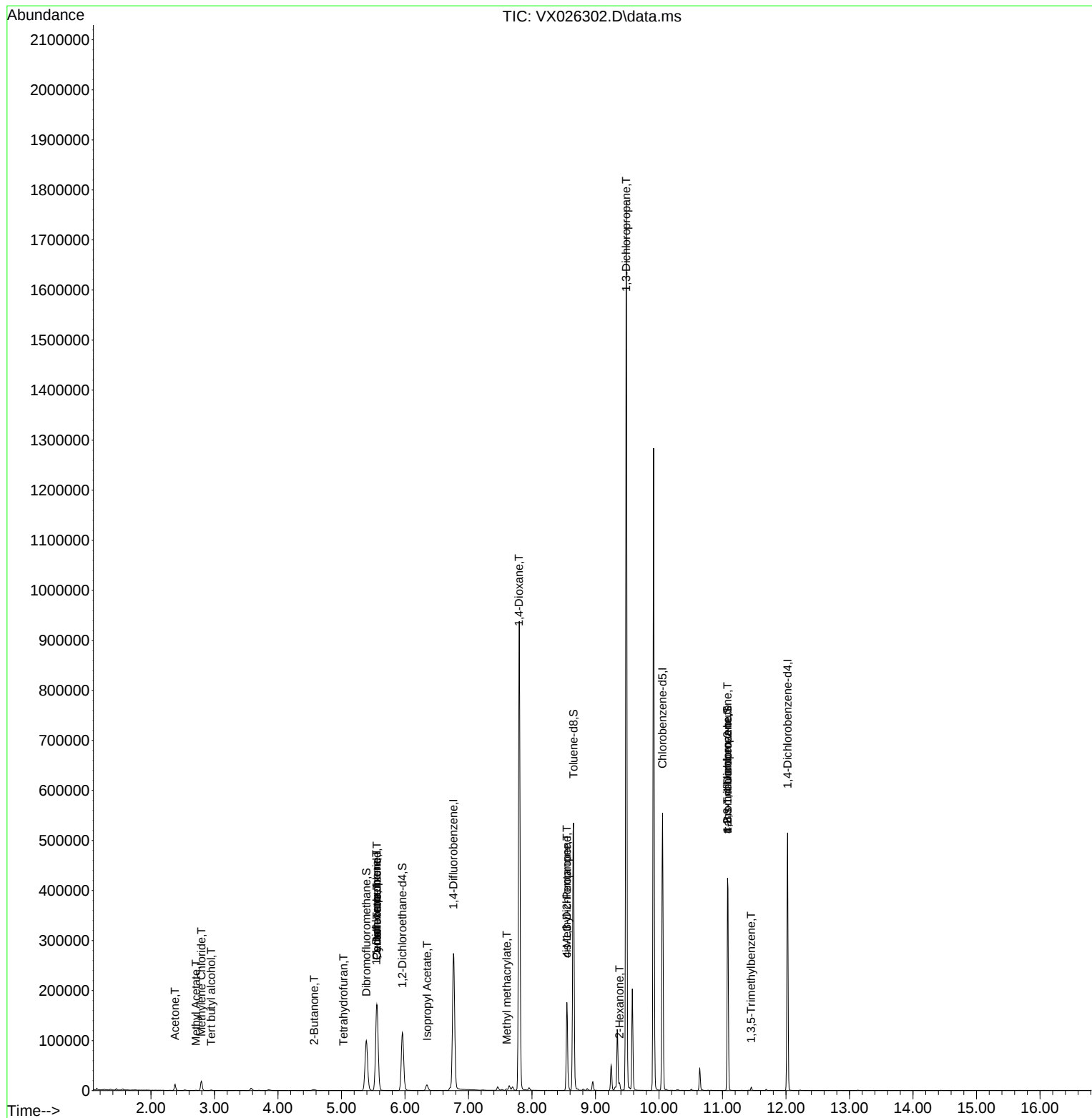
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	155582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118476	52.637	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.280%
35) Dibromofluoromethane	5.391	113	87056	49.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	8.653	98	315515	48.671	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	115100	49.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.760%
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	838	1.864	ug/l #	73
16) Acetone	2.380	43	13090	10.734	ug/l	96
18) Methyl Acetate	2.709	43	931	0.235	ug/l #	88
20) Methylene Chloride	2.794	84	8339	3.396	ug/l	94
25) 2-Butanone	4.568	43	2563	1.509	ug/l #	84
29) Tetrahydrofuran	5.032	42	307	0.287	ug/l #	32
31) Cyclohexane	5.556	56	3649	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13145	4.676	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17265	5.522	ug/l #	15
43) Isopropyl Acetate	6.349	43	15994	3.011	ug/l	97
48) Methyl methacrylate	7.604	41	4632	1.818	ug/l #	12
49) 1,4-Dioxane	7.793	88	39	0.831	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	62405	18.878	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	26410	8.069	ug/l #	64
57) 1,3-Dichloropropane	9.482	76	14851	4.271	ug/l #	42
59) 2-Hexanone	9.378	43	8100	3.235	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	61259	25.519	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	3006	0.469	ug/l	89
81) trans-1,4-Dichloro-2-b...	11.079	75	61259	73.827	ug/l #	10

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

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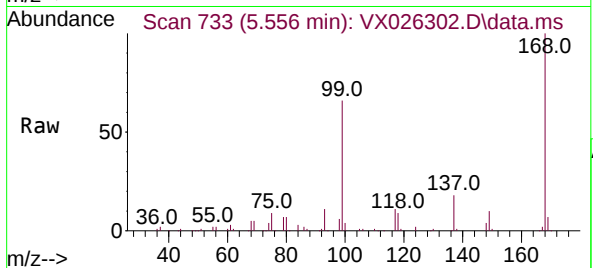
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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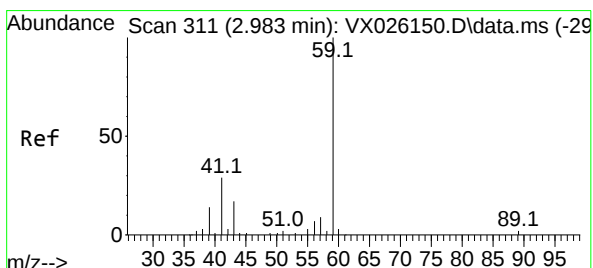
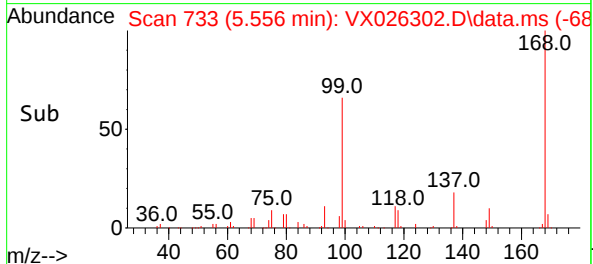
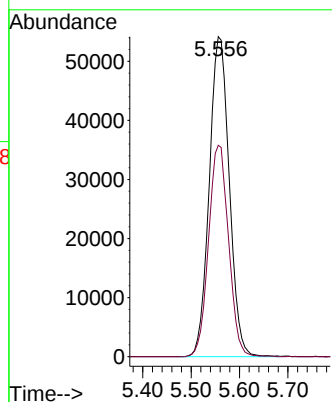


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

Instrument :
MSVOA_X
ClientSampleId :

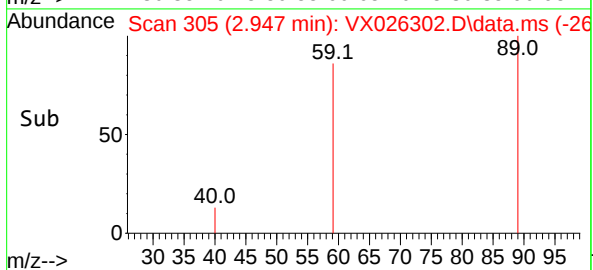
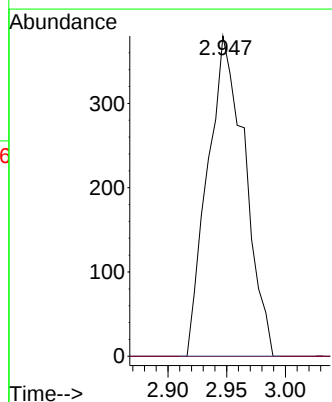
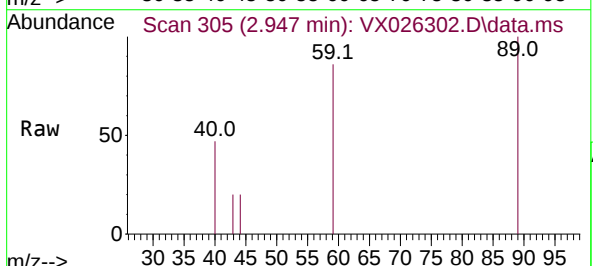


Tgt Ion:168 Resp: 155582
Ion Ratio Lower Upper
168 100
99 66.0 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.864 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

Tgt Ion: 59 Resp: 838
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

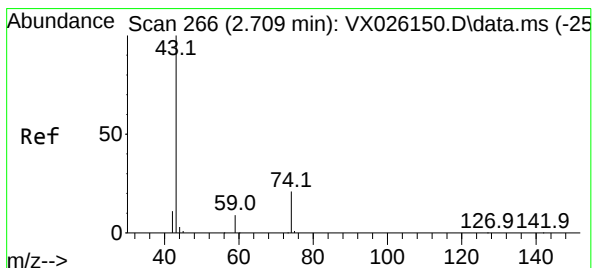
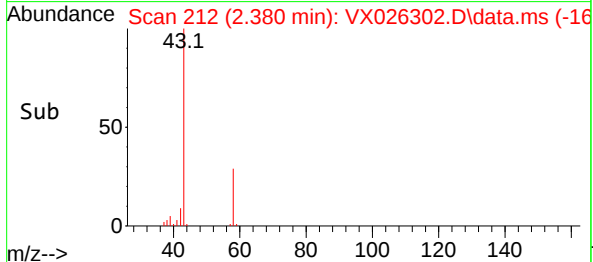
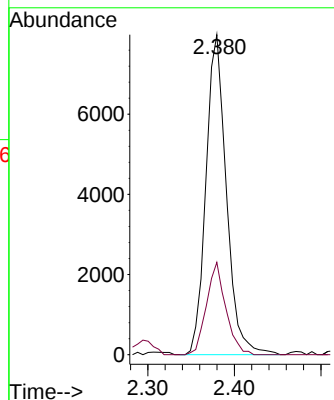
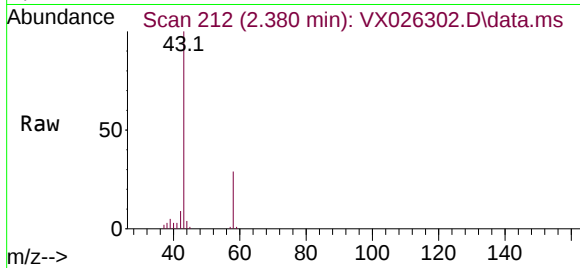




#16
Acetone
Concen: 10.734 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

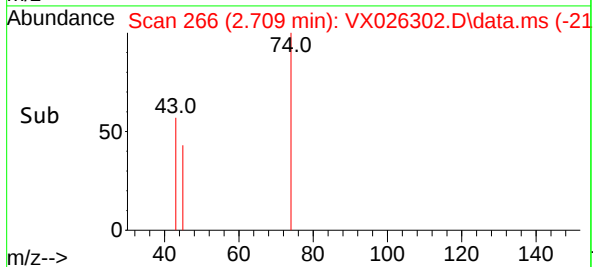
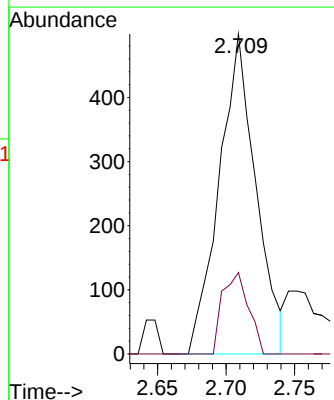
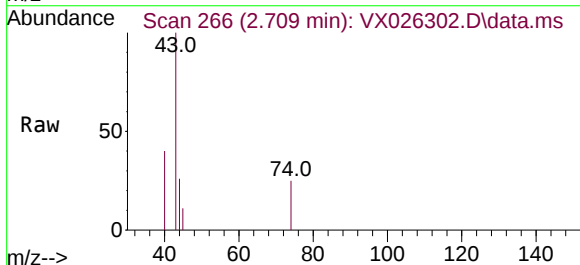
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 13090
Ion Ratio Lower Upper
43 100
58 28.8 24.8 37.2



#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

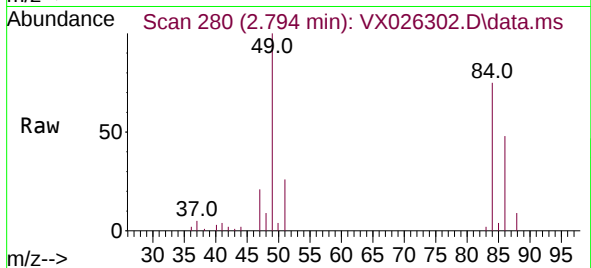
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
74 18.0 19.1 28.7#



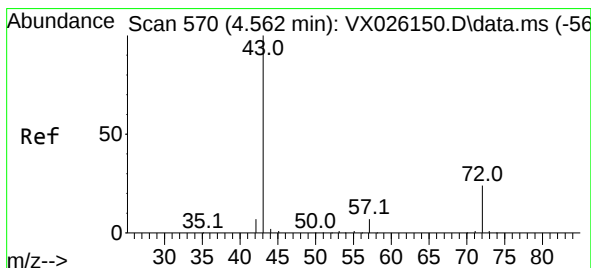
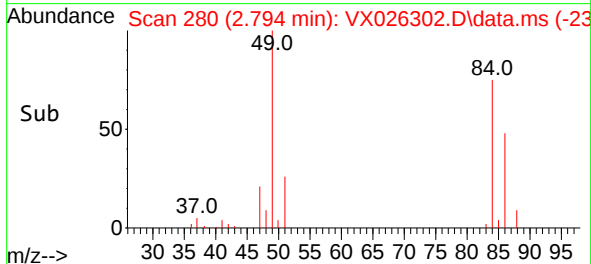
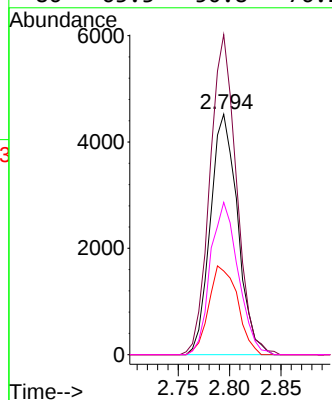


#20
Methylene Chloride
Concen: 3.396 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

Instrument :
MSVOA_X
ClientSampleId :

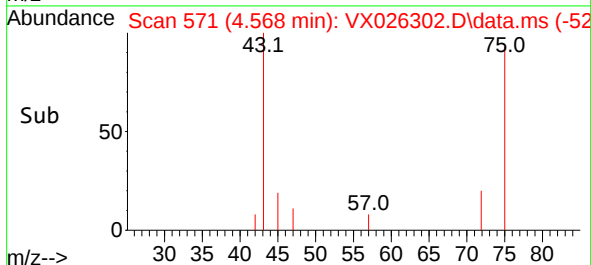
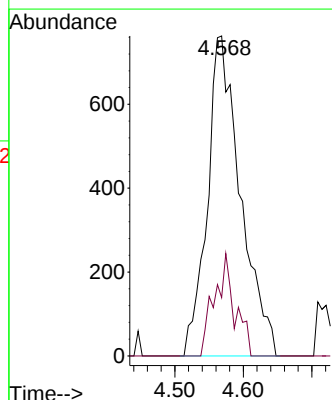
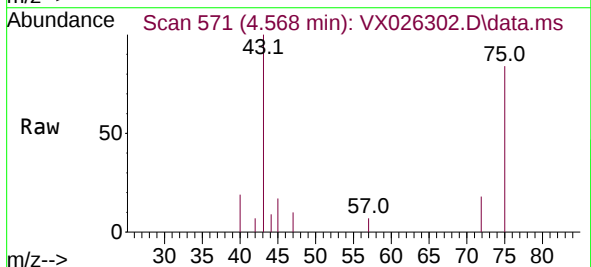


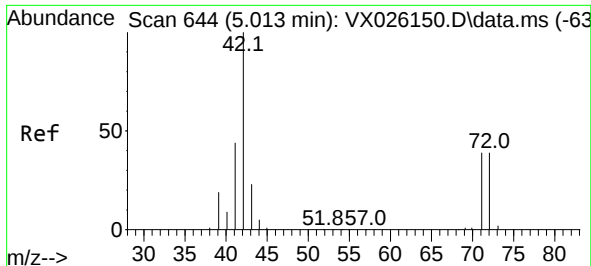
Tgt Ion: 84	Resp: 8339
Ion Ratio	Lower Upper
84 100	
49 133.0	97.1 145.7
51 34.8	29.3 43.9
86 63.3	50.8 76.2



#25
2-Butanone
Concen: 1.509 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

Tgt Ion: 43	Resp: 2563		
Ion Ratio	Lower	Upper	
43 100			
72 18.2	21.0	31.4#	





#29

Tetrahydrofuran

Concen: 0.287 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX026302.D

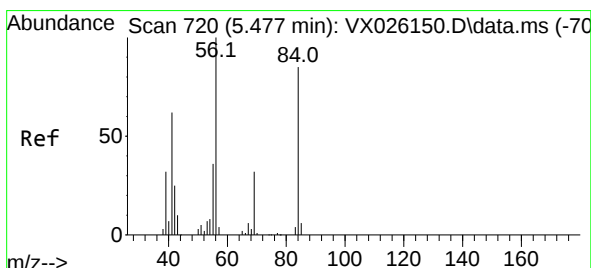
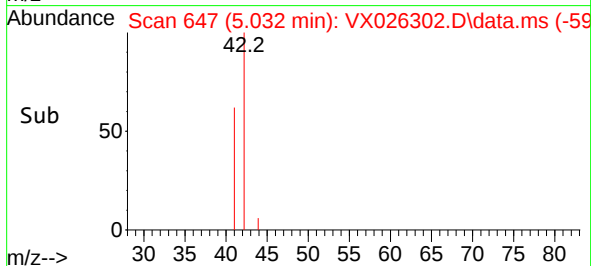
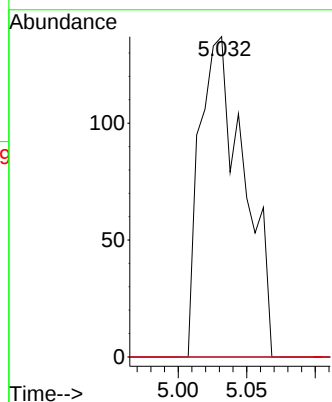
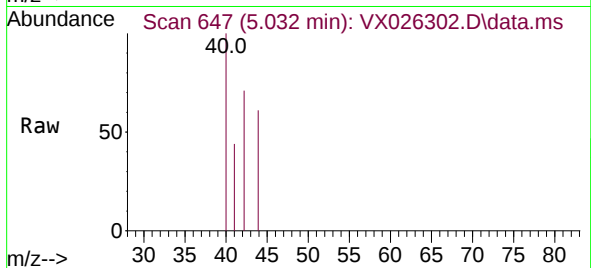
Acq: 05 Jan 2022 04:10

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	307
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.6#
71	0.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.138 ug/l

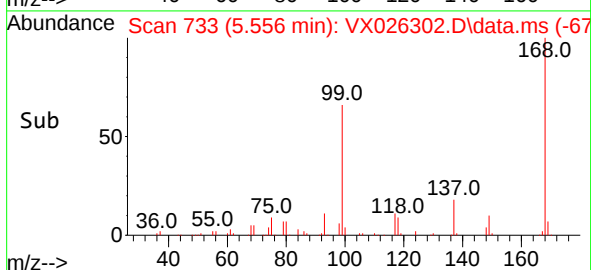
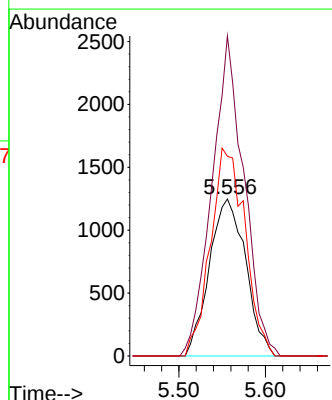
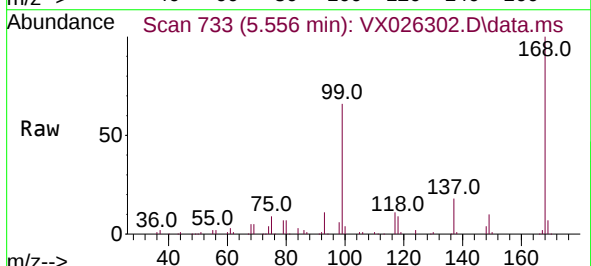
RT: 5.556 min Scan# 733

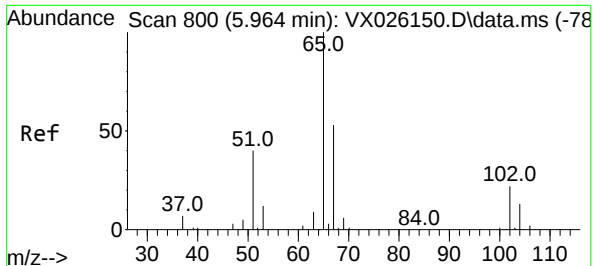
Delta R.T. 0.079 min

Lab File: VX026302.D

Acq: 05 Jan 2022 04:10

Tgt Ion:	56	Resp:	3649
Ion	Ratio	Lower	Upper
56	100		
69	203.8	23.9	35.9#
84	127.2	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 52.637 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026302.D

Acq: 05 Jan 2022 04:10

Instrument :

MSVOA_X

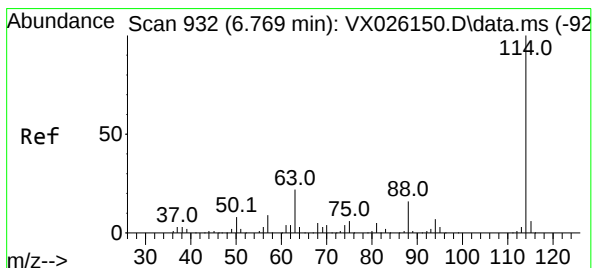
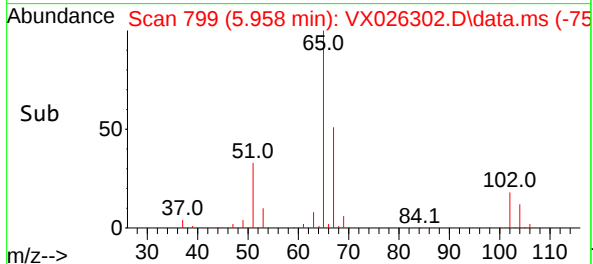
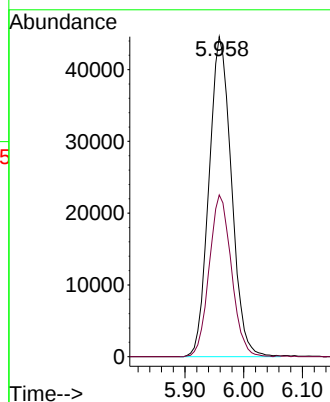
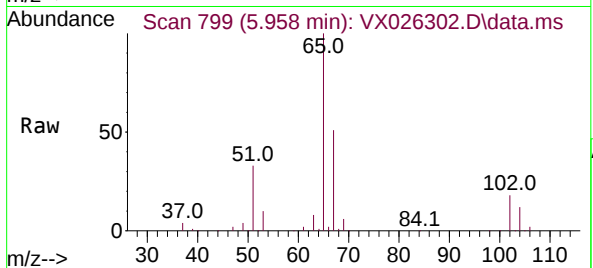
ClientSampleId :

Tgt Ion: 65 Resp: 118476

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026302.D

Acq: 05 Jan 2022 04:10

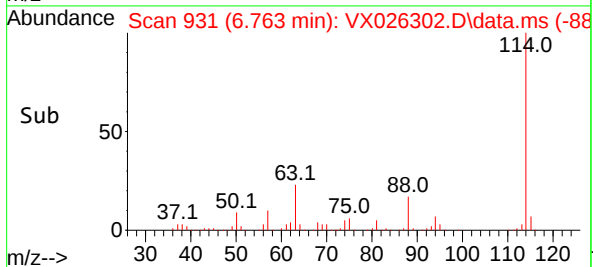
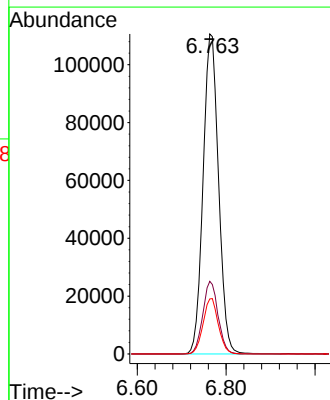
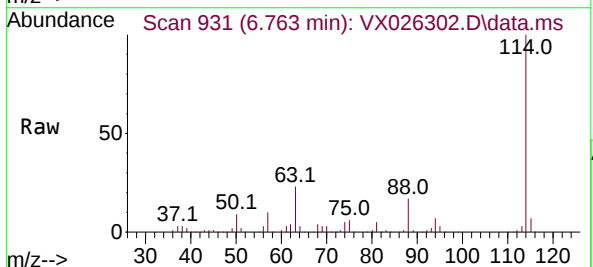
Tgt Ion: 114 Resp: 268071

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 17.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.951 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

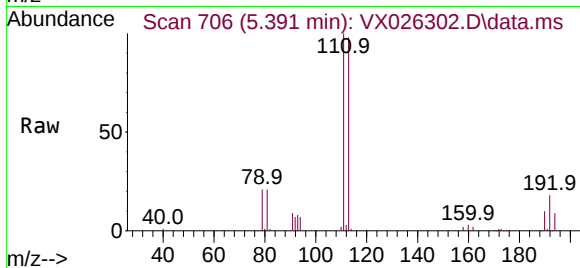
Lab File: VX026302.D

Acq: 05 Jan 2022 04:10

Instrument :

MSVOA_X

ClientSampleId :



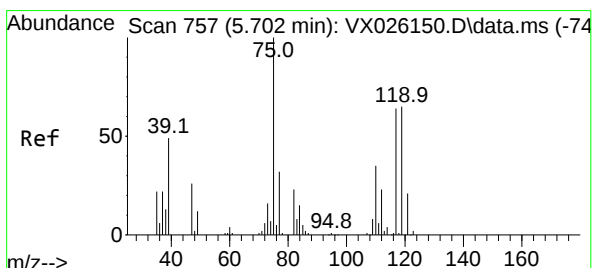
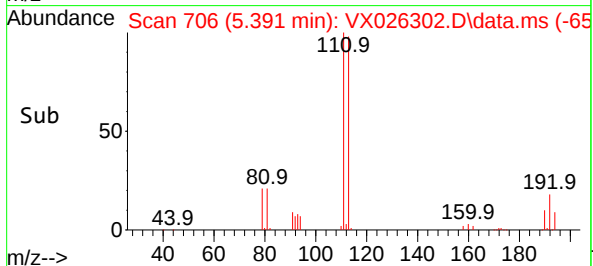
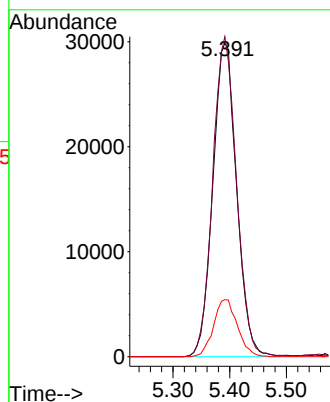
Tgt Ion:113 Resp: 87056

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 18.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.676 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX026302.D

Acq: 05 Jan 2022 04:10

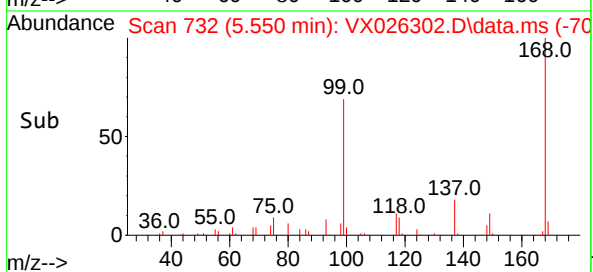
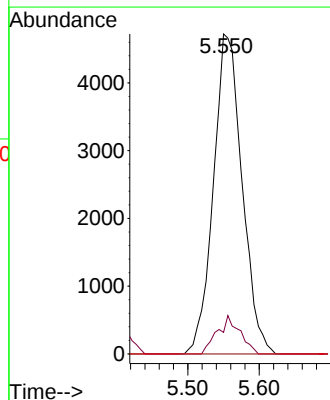
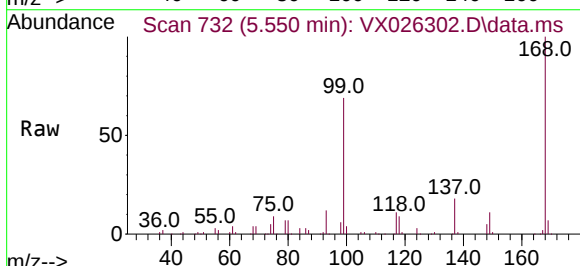
Tgt Ion: 75 Resp: 13145

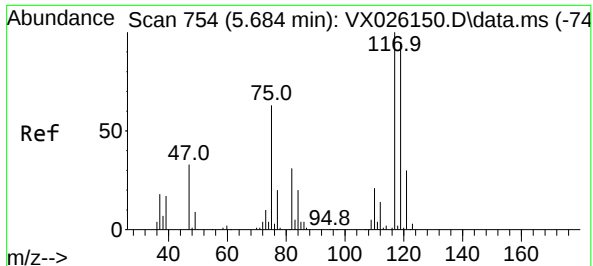
Ion Ratio Lower Upper

75 100

110 9.4 18.2 54.6#

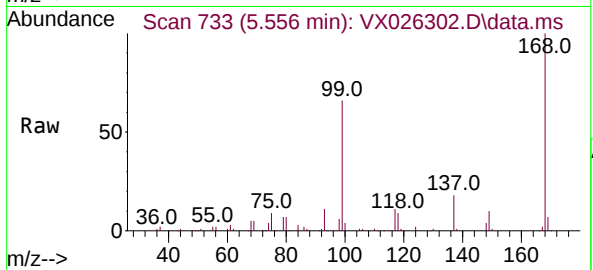
77 0.0 24.7 37.1#



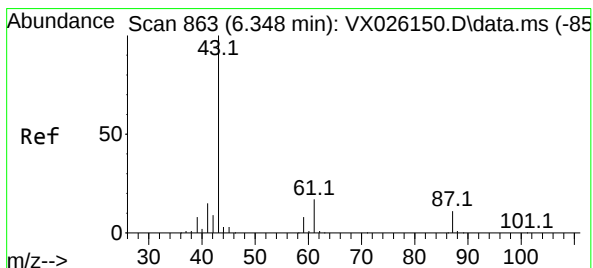
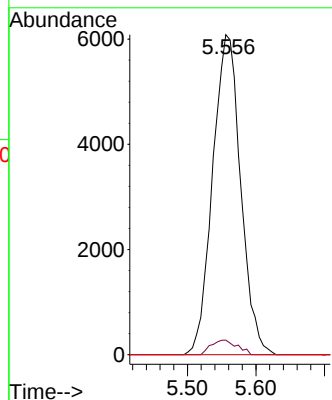
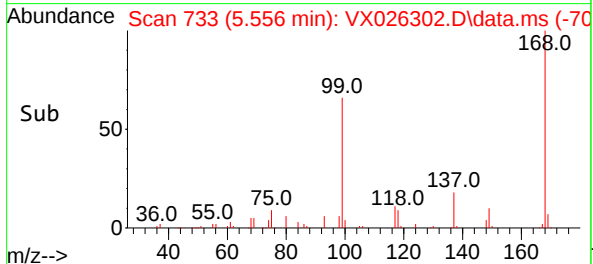


#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

Instrument :
MSVOA_X
ClientSampleId :

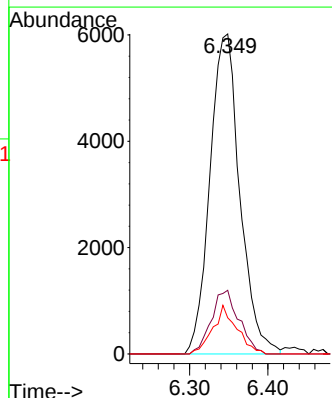
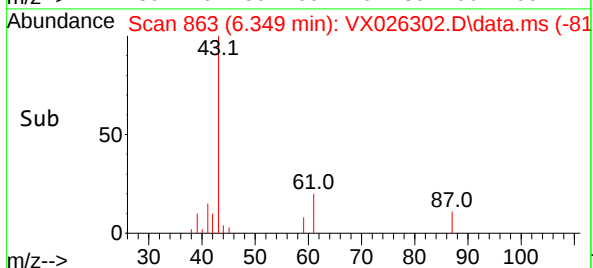
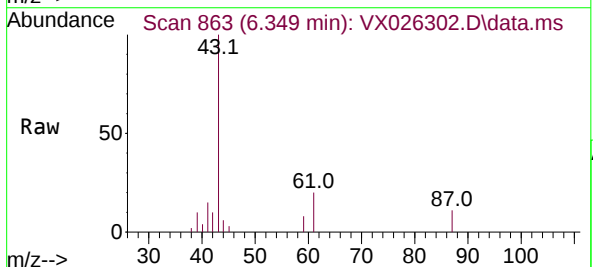


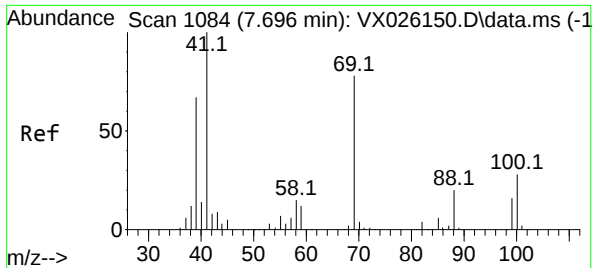
Tgt Ion:117 Resp: 17265
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.011 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.001 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

Tgt Ion: 43 Resp: 15994
Ion Ratio Lower Upper
43 100
61 18.4 15.7 23.5
87 12.1 11.2 16.8





#48

Methyl methacrylate

Concen: 1.818 ug/l

RT: 7.604 min Scan# 1100

Delta R.T. -0.092 min

Lab File: VX026302.D

Acq: 05 Jan 2022 04:10

Instrument :

MSVOA_X

ClientSampleId :

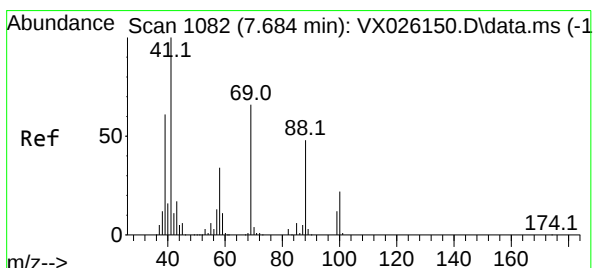
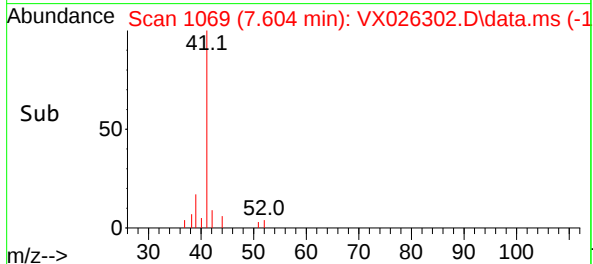
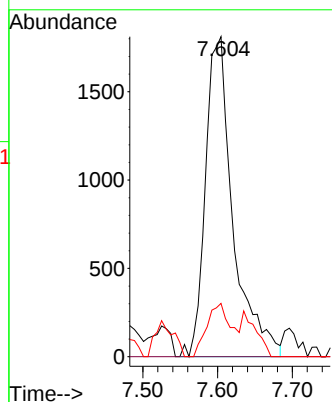
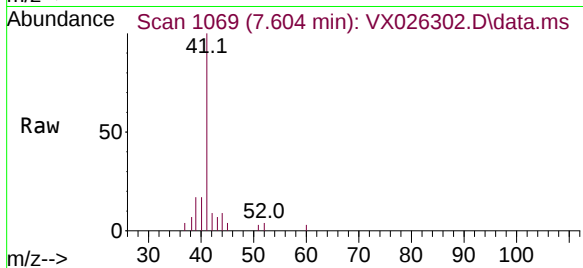
Tgt Ion: 41 Resp: 4632

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 0.0 50.2 75.2#



#49

1,4-Dioxane

Concen: 0.831 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

Lab File: VX026302.D

Acq: 05 Jan 2022 04:10

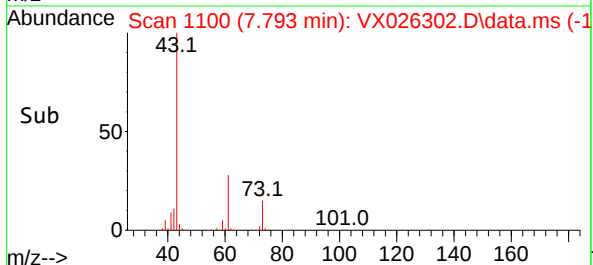
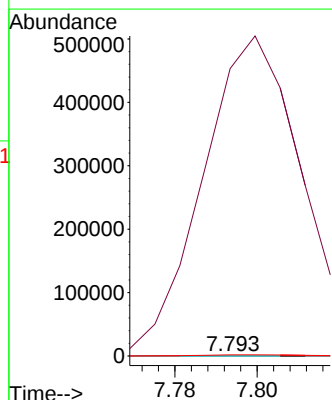
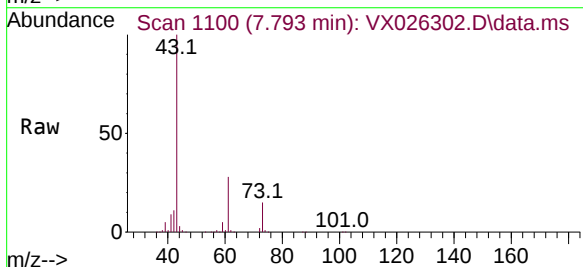
Tgt Ion: 88 Resp: 39

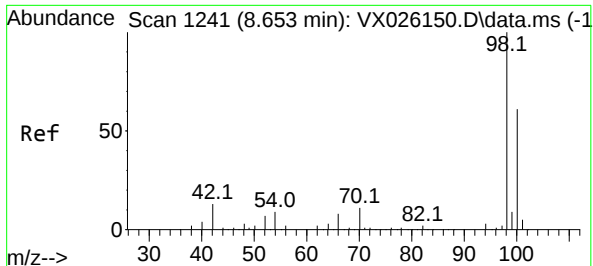
Ion Ratio Lower Upper

88 100

43 2217312.8 25.3 37.9#

58 7959.0 51.8 77.6#

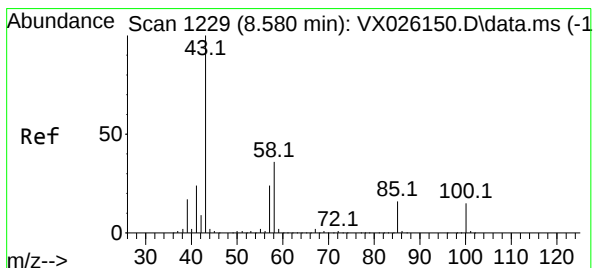
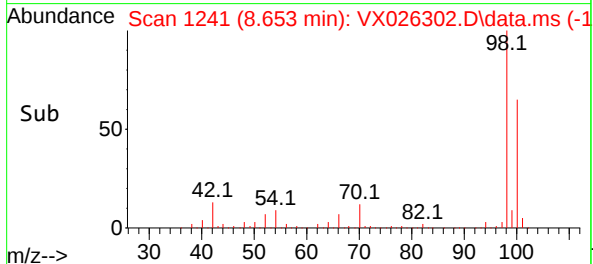
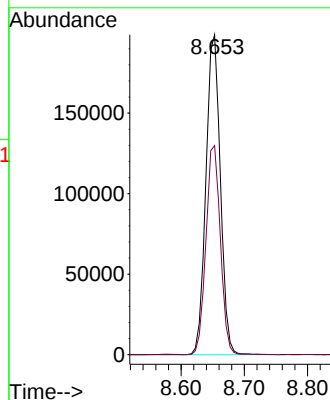
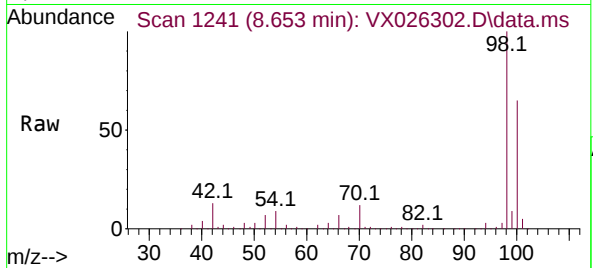




#50
Toluene-d8
Concen: 48.671 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

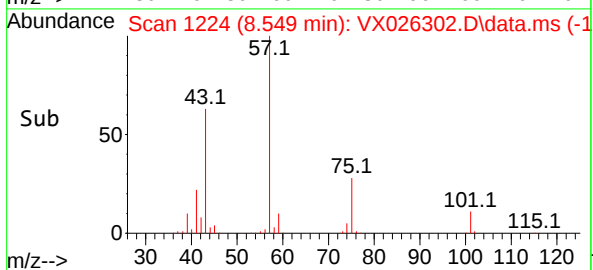
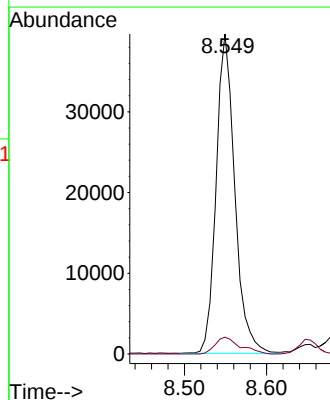
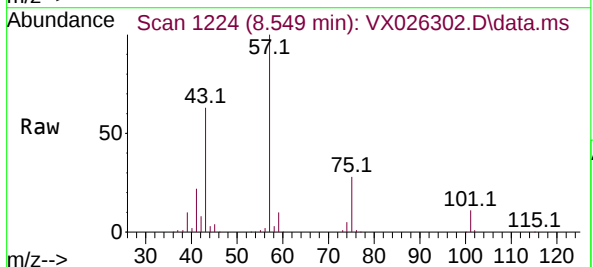
Instrument :
MSVOA_X
ClientSampleId :

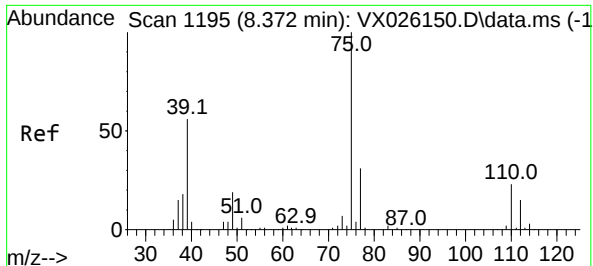
Tgt Ion: 98 Resp: 315515
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 18.878 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

Tgt Ion: 43 Resp: 62405
Ion Ratio Lower Upper
43 100
58 7.0 30.8 46.2#

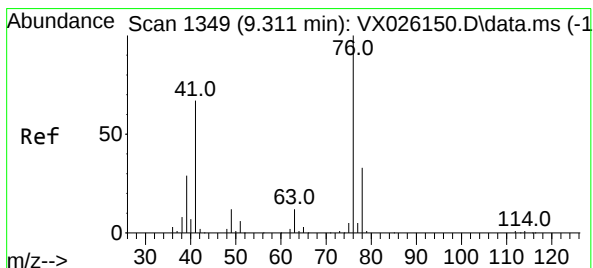
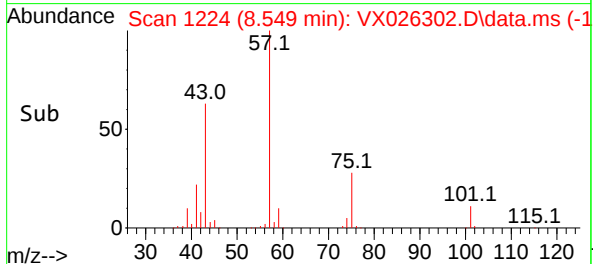
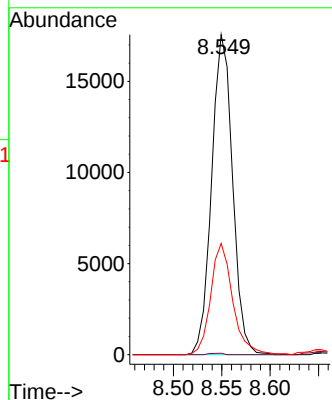
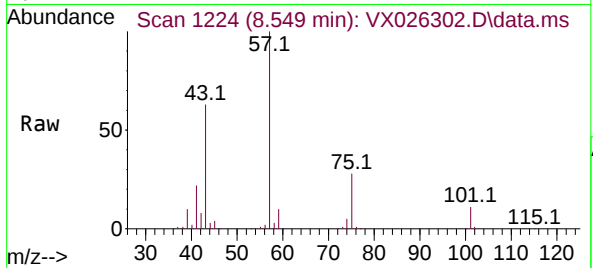




#54
 cis-1,3-Dichloropropene
 Concen: 8.069 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026302.D
 Acq: 05 Jan 2022 04:10

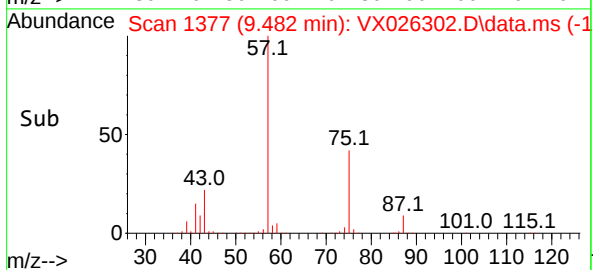
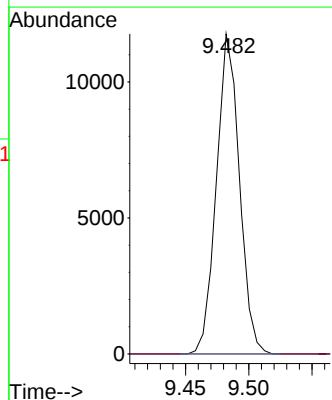
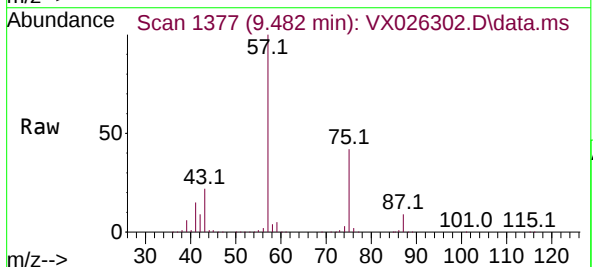
Instrument :
 MSVOA_X
 ClientSampleId :

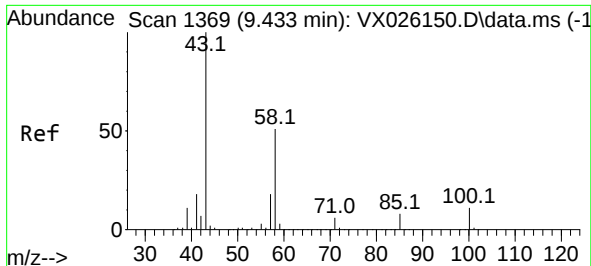
Tgt Ion: 75 Resp: 26410
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 34.8 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.271 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026302.D
 Acq: 05 Jan 2022 04:10

Tgt Ion: 76 Resp: 14851
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

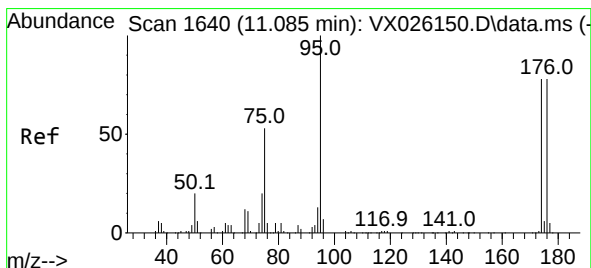
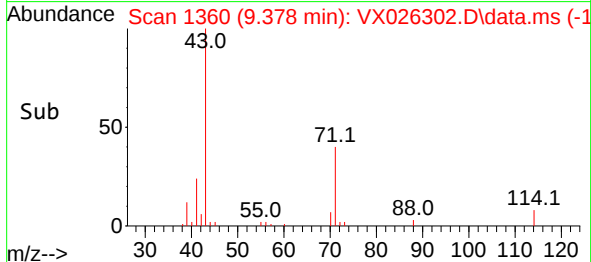
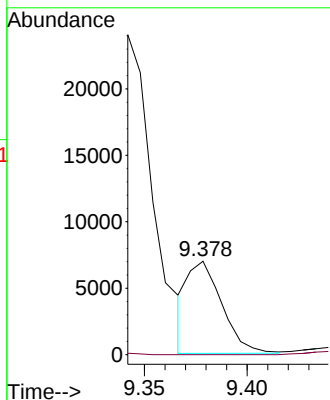
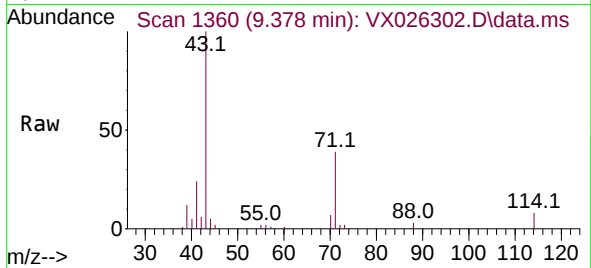




#59
2-Hexanone
Concen: 3.235 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

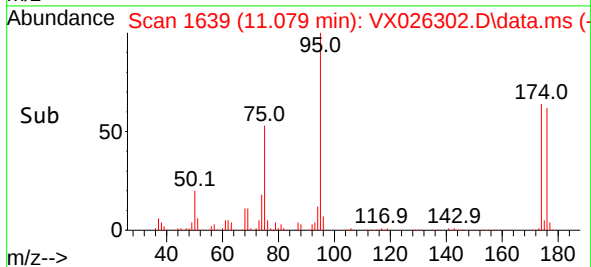
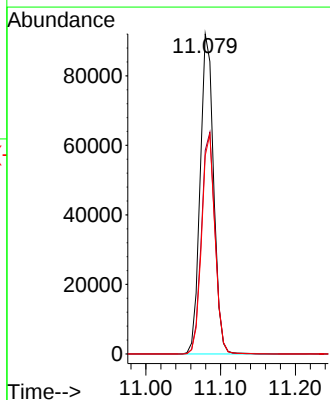
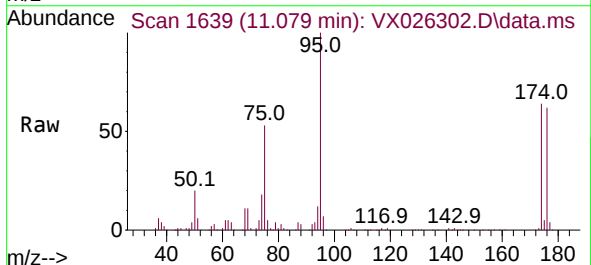
Instrument :
MSVOA_X
ClientSampleId :

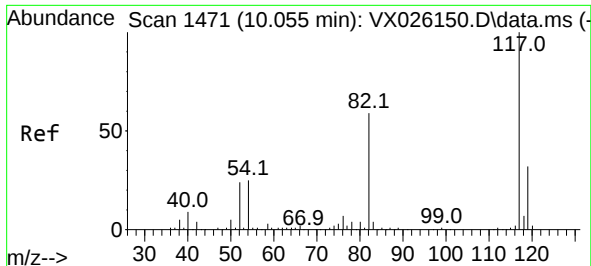
Tgt Ion: 43 Resp: 8100
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 49.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

Tgt Ion: 95 Resp: 115100
Ion Ratio Lower Upper
95 100
174 70.0 0.0 157.4
176 68.1 0.0 154.6

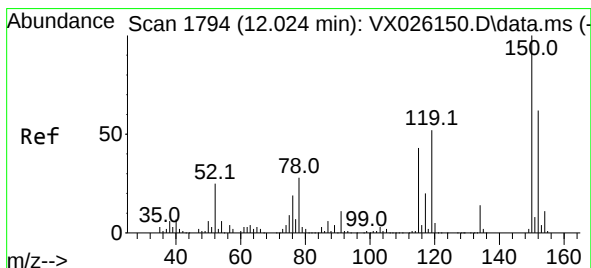
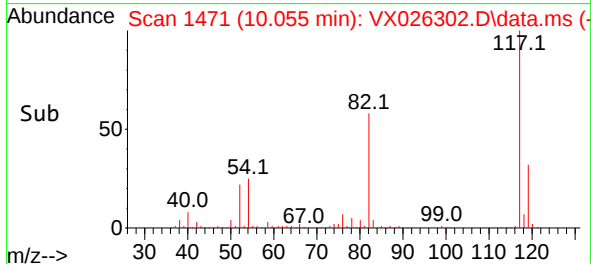
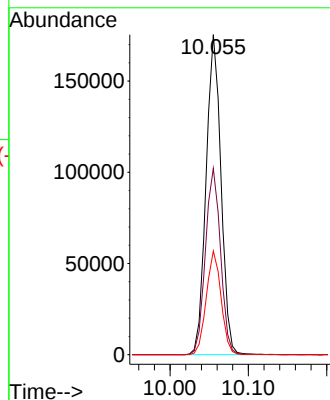
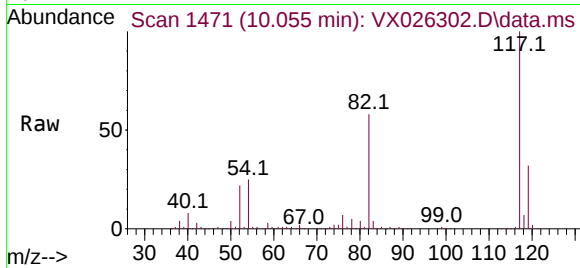




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

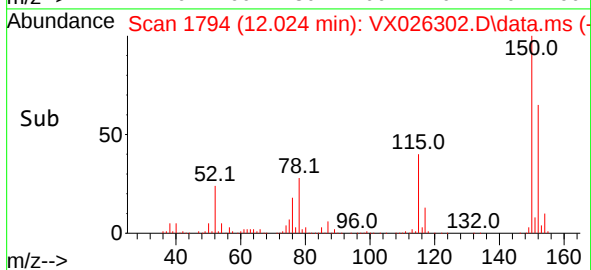
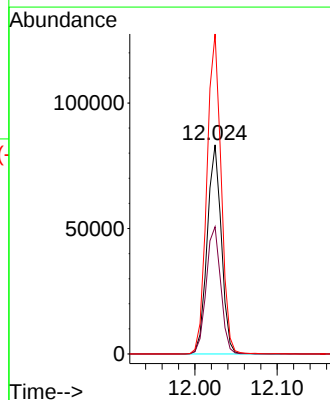
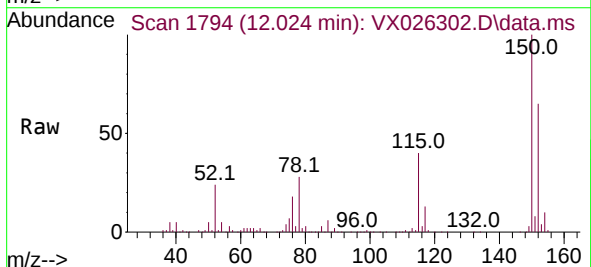
Instrument :
MSVOA_X
ClientSampleId :

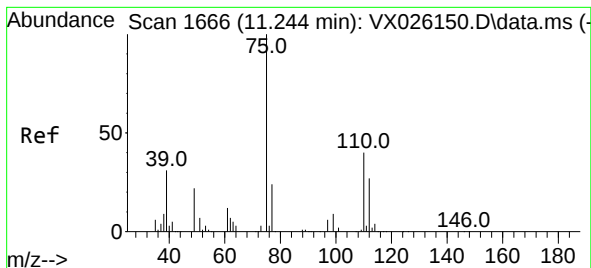
Tgt Ion:117 Resp: 231244
Ion Ratio Lower Upper
117 100
82 58.2 43.8 65.6
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026302.D
Acq: 05 Jan 2022 04:10

Tgt Ion:152 Resp: 99451
Ion Ratio Lower Upper
152 100
115 62.4 41.3 123.9
150 154.3 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 25.519 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026302.D

Acq: 05 Jan 2022 04:10

Instrument :

MSVOA_X

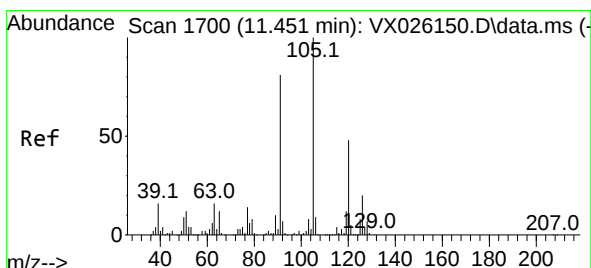
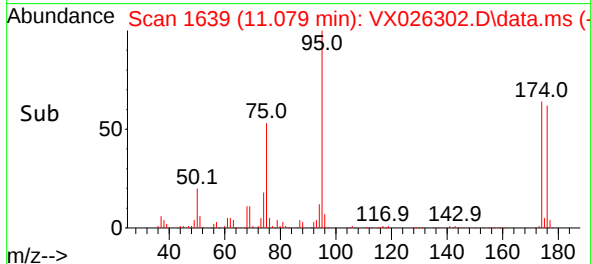
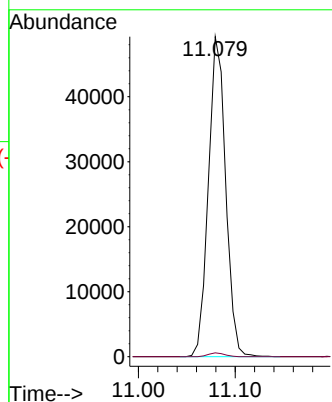
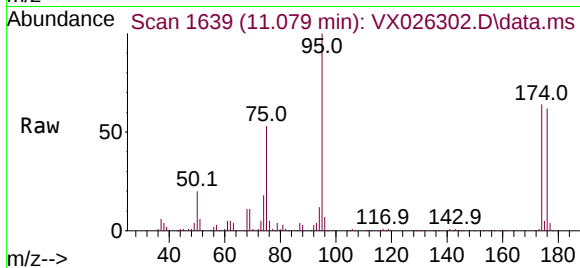
ClientSampleId :

Tgt Ion: 75 Resp: 61259

Ion Ratio Lower Upper

75 100

77 1.1 19.0 57.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.469 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026302.D

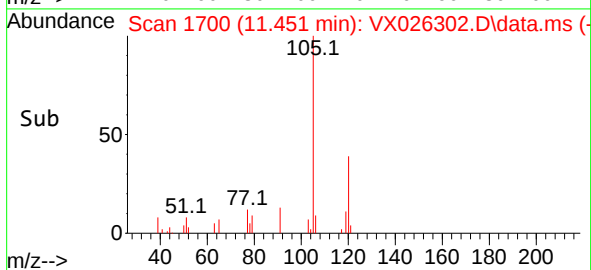
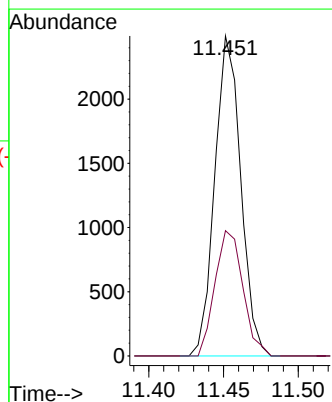
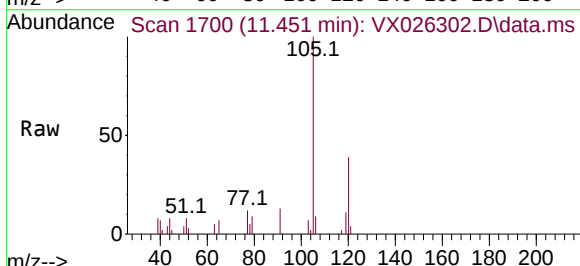
Acq: 05 Jan 2022 04:10

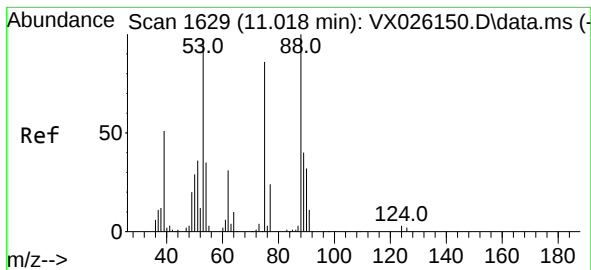
Tgt Ion: 105 Resp: 3006

Ion Ratio Lower Upper

105 100

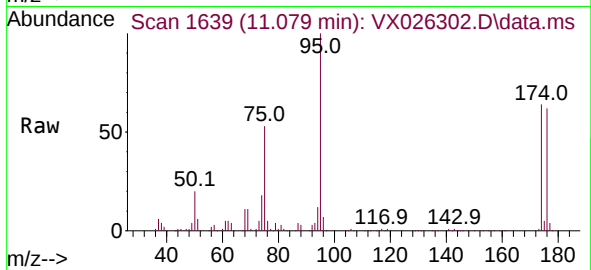
120 42.0 24.9 74.7





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.827 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026302.D
 Acq: 05 Jan 2022 04:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 61259
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

