

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034189.D
 Acq On : 20 Feb 2023 15:47
 Operator : JC/MD
 Sample : 01582-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEONIA-TRENCH-LINE

Quant Time: Feb 21 01:08:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

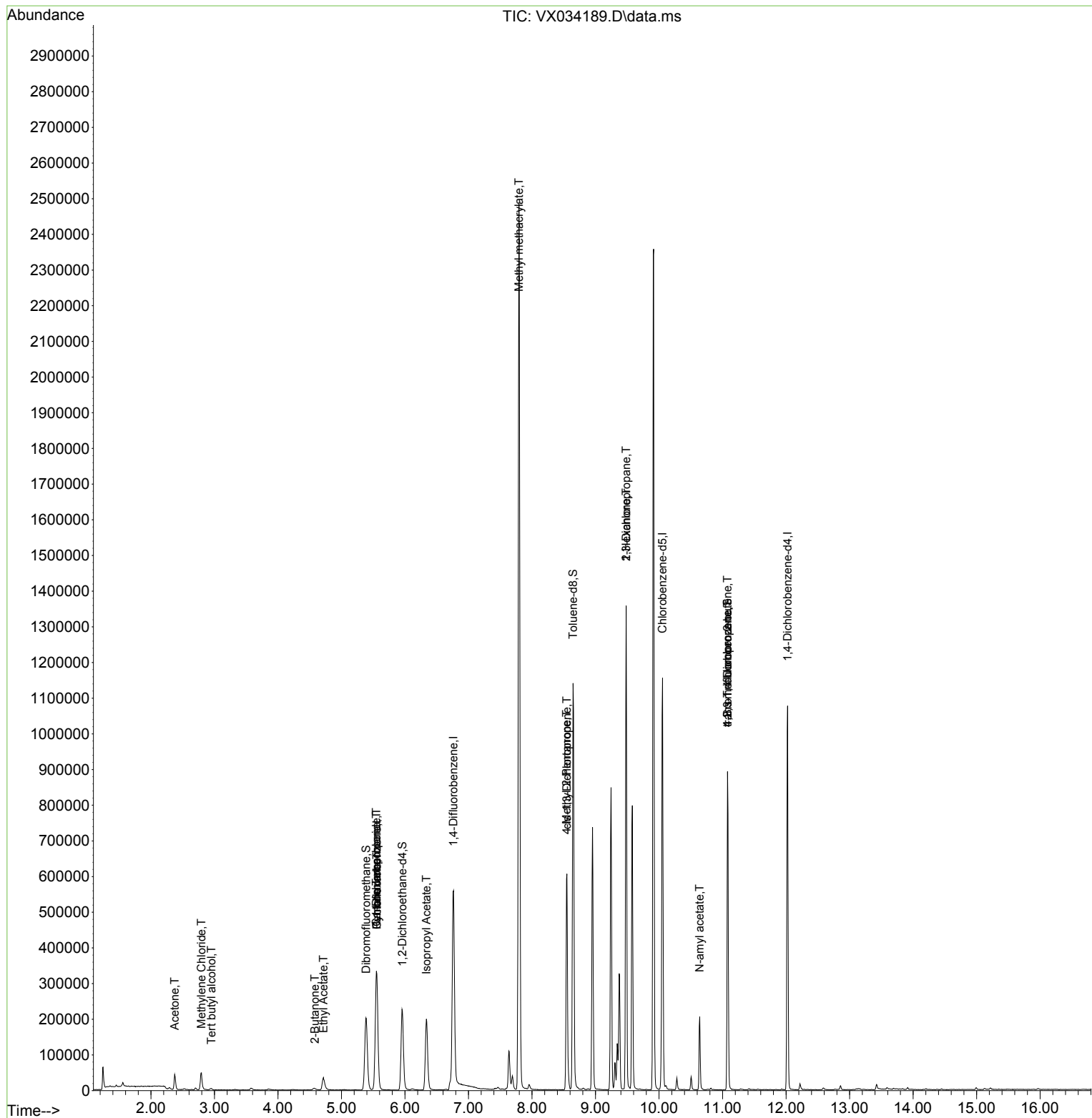
Internal Standards						
1) Pentafluorobenzene	5.556	168	337988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	575492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	509601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	229601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204827	44.998	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.000%		
35) Dibromofluoromethane	5.385	113	180786	48.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.647	98	681933	50.690	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.380%		
62) 4-Bromofluorobenzene	11.079	95	238453	46.339	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.680%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	324	Below Cal	#	3
11) Tert butyl alcohol	2.953	59	2617	2.570	ug/l #	85
16) Acetone	2.374	43	43616	18.575	ug/l	95
20) Methylene Chloride	2.794	84	23363	5.522	ug/l	95
25) 2-Butanone	4.580	43	7114	2.094	ug/l #	86
31) Cyclohexane	5.556	56	7505	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24734	4.463	ug/l #	49
37) Ethyl Acetate	4.715	43	59718	9.643	ug/l	98
38) Carbon Tetrachloride	5.550	117	32465	5.693	ug/l #	15
43) Isopropyl Acetate	6.336	43	286718	26.235	ug/l	99
48) Methyl methacrylate	7.793	41	199292	38.420	ug/l #	44
51) 4-Methyl-2-Pentanone	8.543	43	217211	36.125	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	100173	13.768	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	12013	1.719	ug/l #	43
59) 2-Hexanone	9.482	43	158936	34.684	ug/l #	51
74) N-amyl acetate	10.640	43	57480	6.538	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	117794	20.389	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	117794	52.377	ug/l #	8

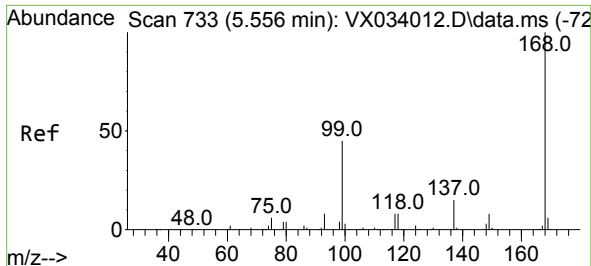
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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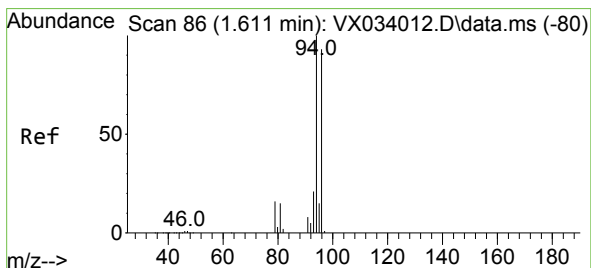
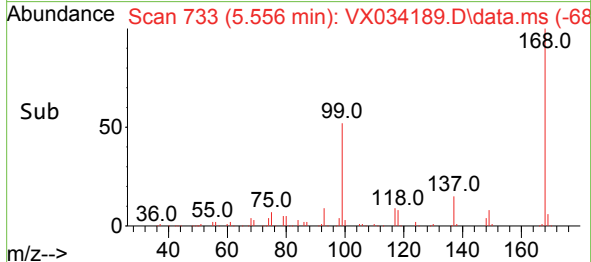
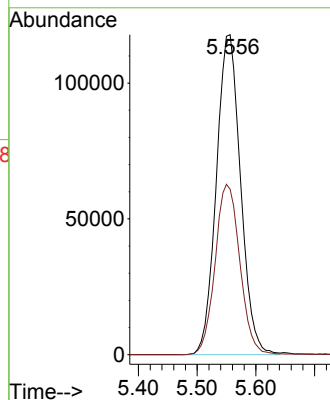
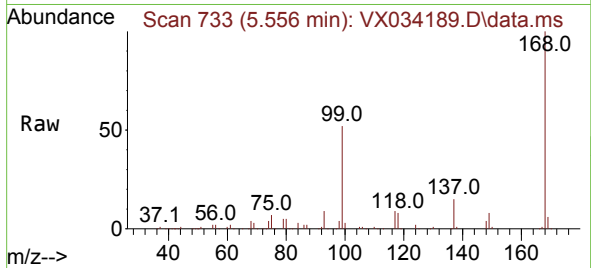




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

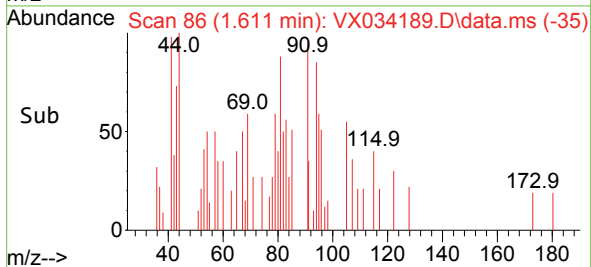
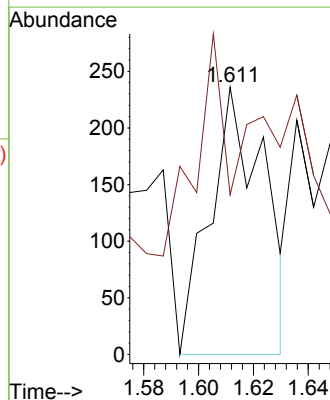
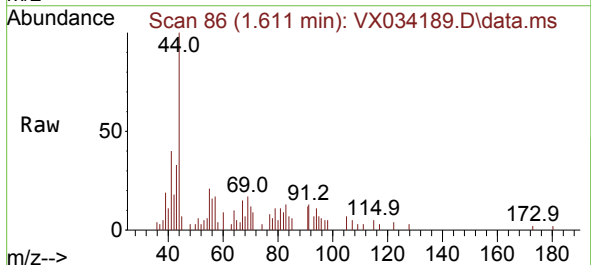
Instrument :
MSVOA_X
ClientSampleId :
LEONIA-TRENCH-LINE

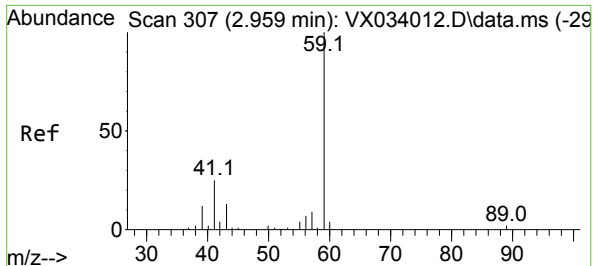
Tgt Ion:168 Resp: 337988
Ion Ratio Lower Upper
168 100
99 51.7 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 2.570 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034189.D

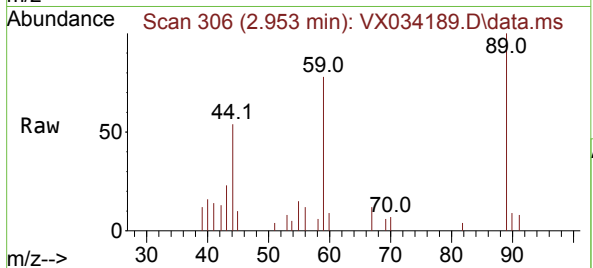
Acq: 20 Feb 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

LEONIA-TRENCH-LINE

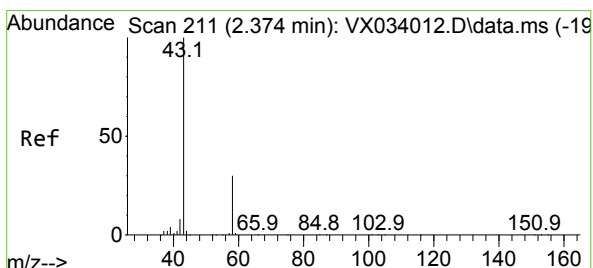
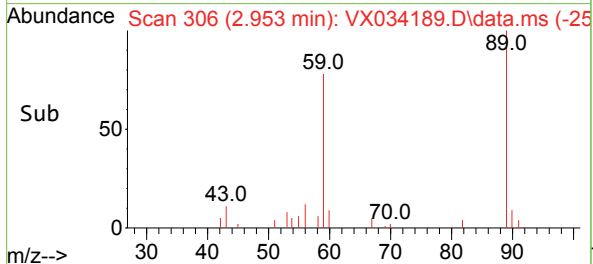
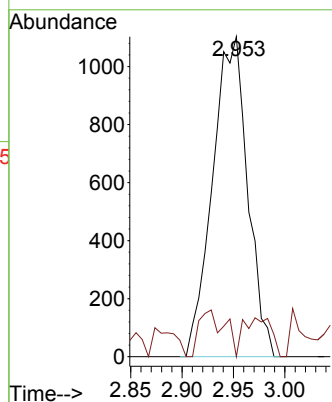


Tgt Ion: 59 Resp: 2617

Ion Ratio Lower Upper

59 100

57 9.6 3.7 5.5#



#16

Acetone

Concen: 18.575 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034189.D

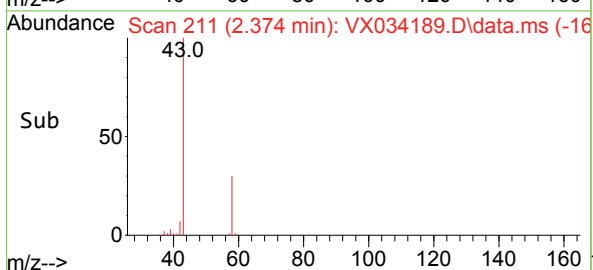
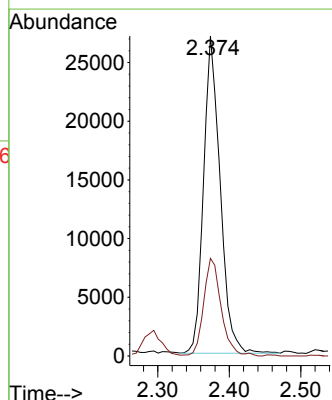
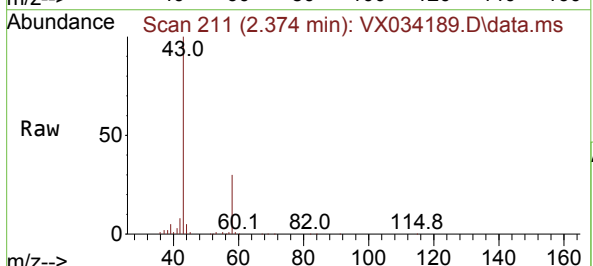
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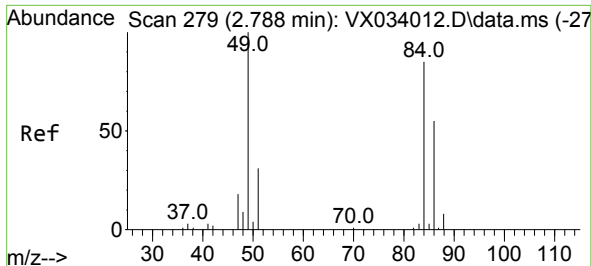
Tgt Ion: 43 Resp: 43616

Ion Ratio Lower Upper

43 100

58 30.7 22.6 33.8

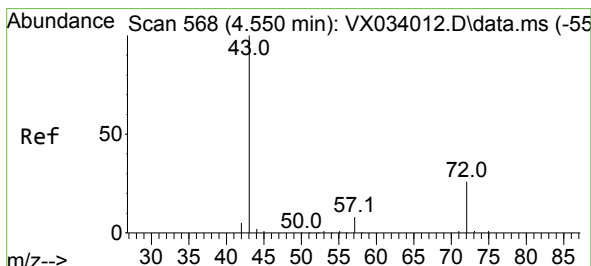
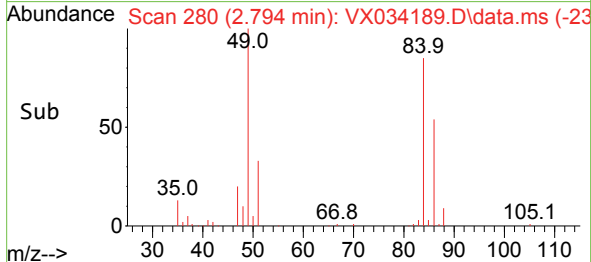
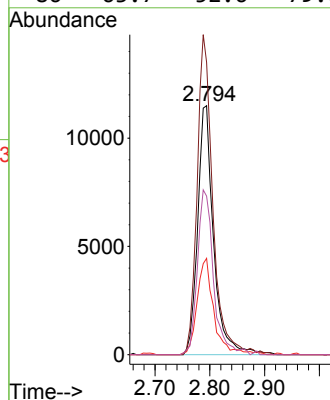
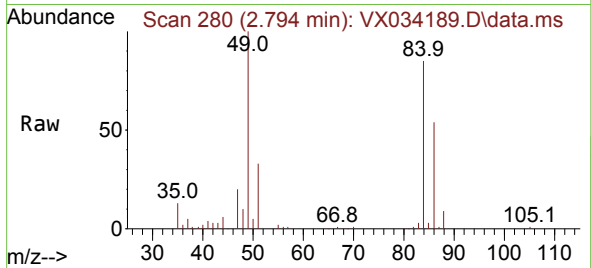




#20
Methylene Chloride
Concen: 5.522 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

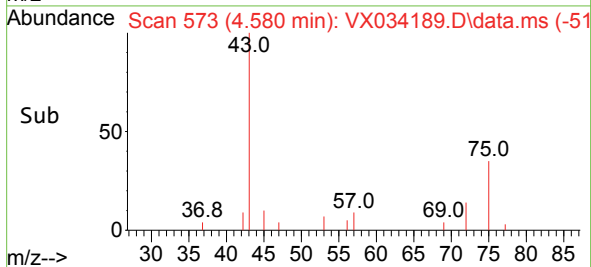
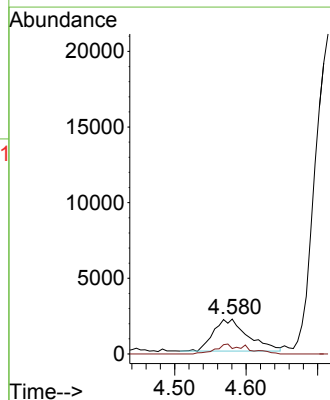
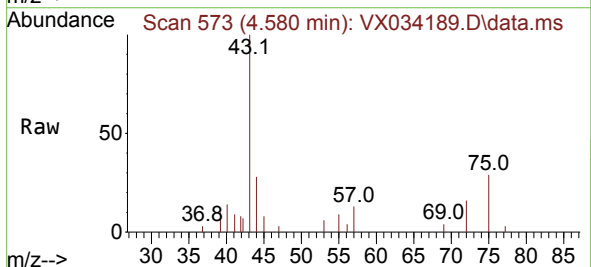
Instrument :
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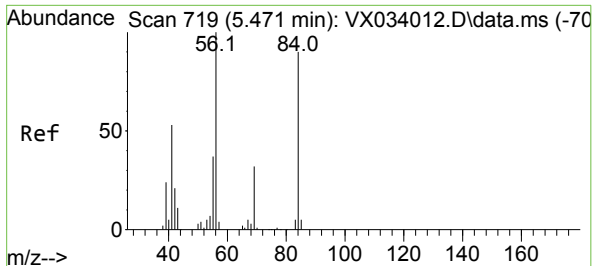
Tgt Ion:	84	Resp:	23363
Ion	Ratio	Lower	Upper
84	100		
49	117.5	101.1	151.7
51	38.7	31.0	46.6
86	63.7	52.6	79.0



#25
2-Butanone
Concen: 2.094 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.037 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

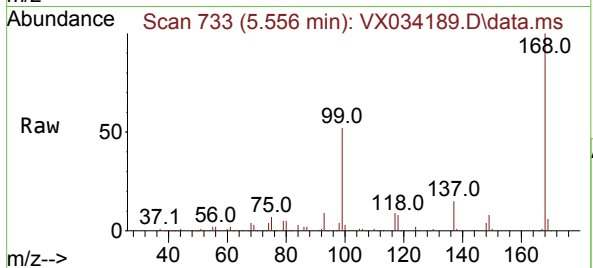
Tgt Ion:	43	Resp:	7114
Ion	Ratio	Lower	Upper
43	100		
72	17.1	19.4	29.2#



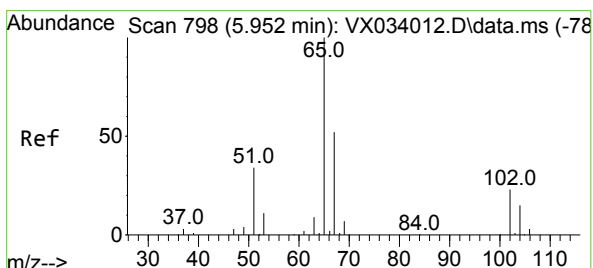
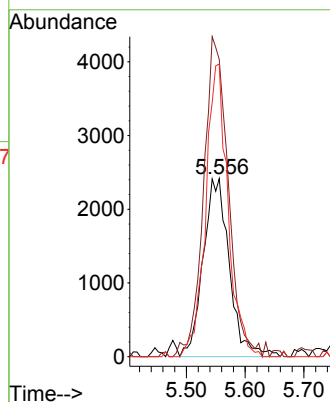
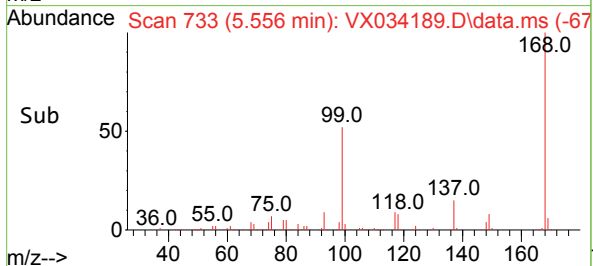


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
LEONIA-TRENCH-LINE

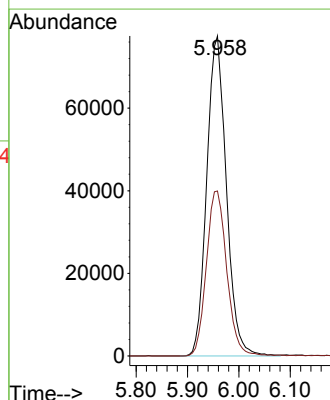
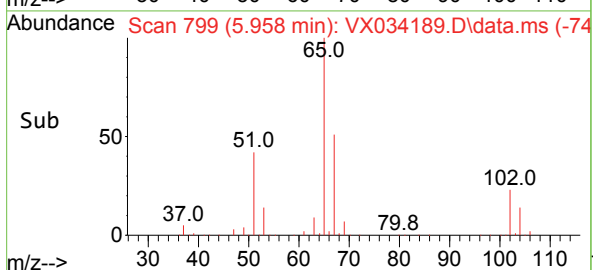
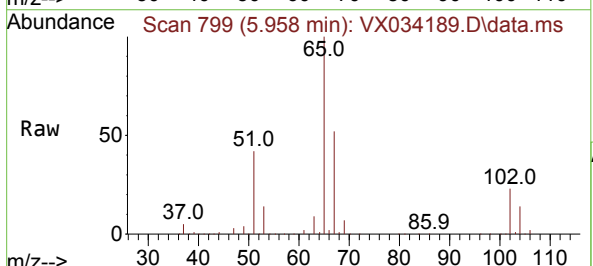


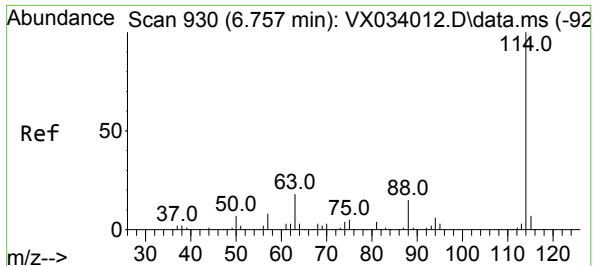
Tgt Ion: 56 Resp: 7505
Ion Ratio Lower Upper
56 100
69 163.7 24.6 37.0#
84 164.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.998 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Tgt Ion: 65 Resp: 204827
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

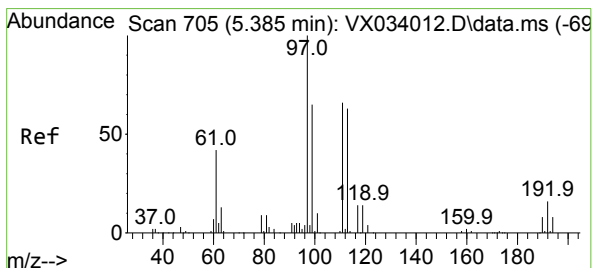
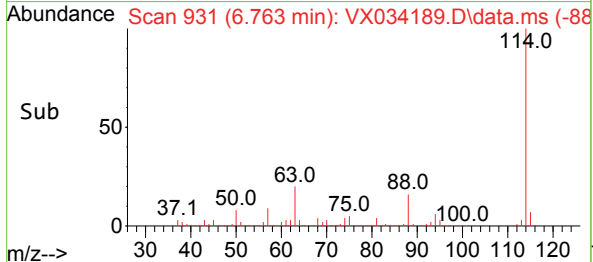
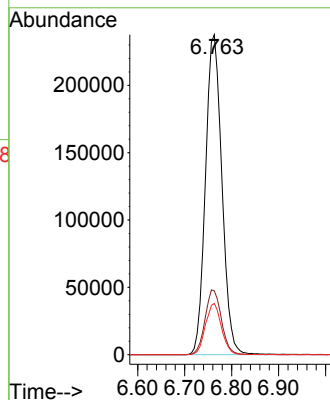
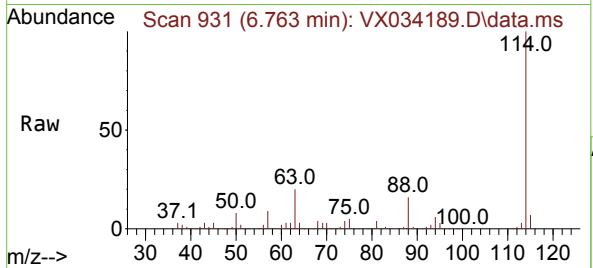




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

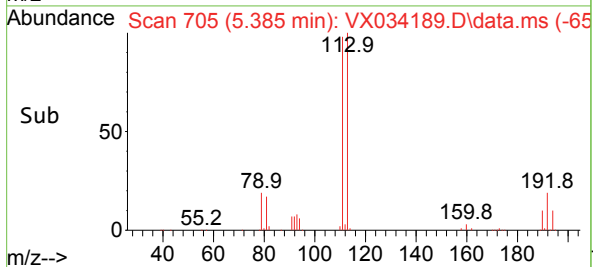
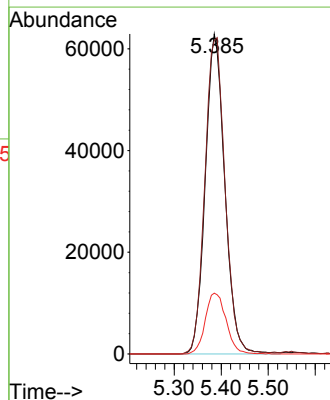
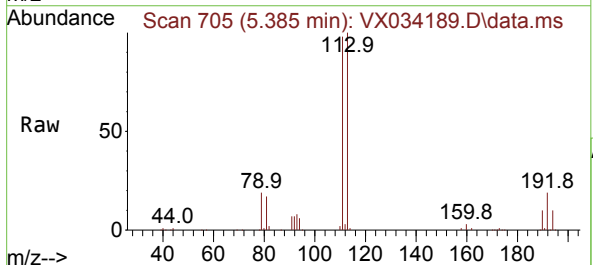
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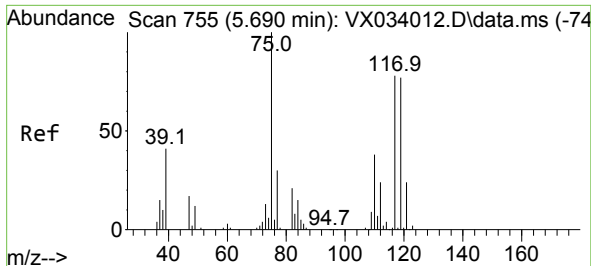
Tgt Ion:114 Resp: 575492
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.248 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Tgt Ion:113 Resp: 180786
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 20.3 19.0 28.4

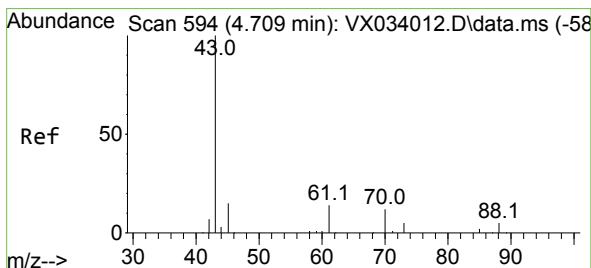
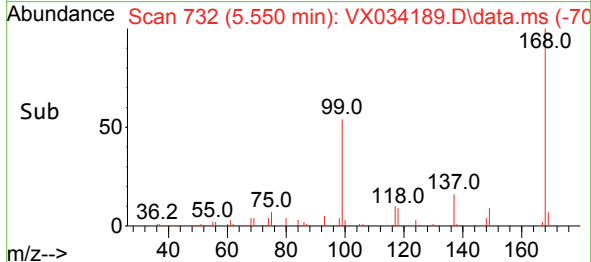
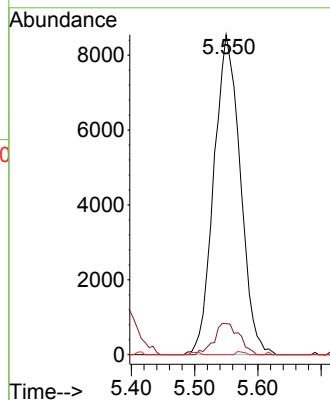
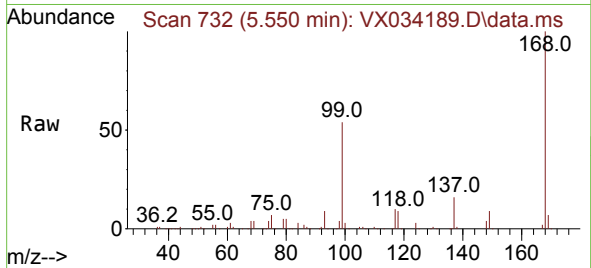




#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

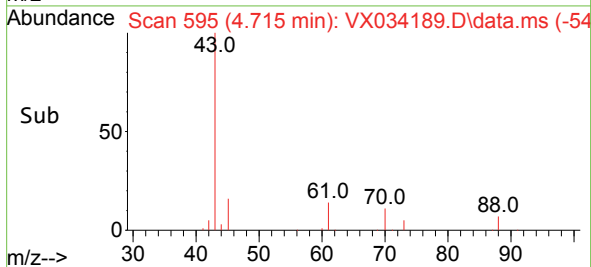
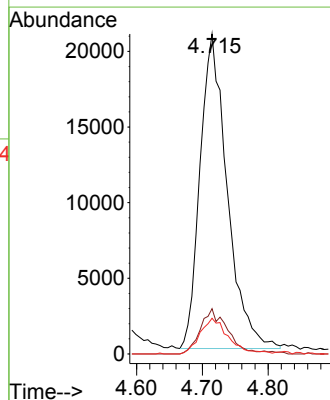
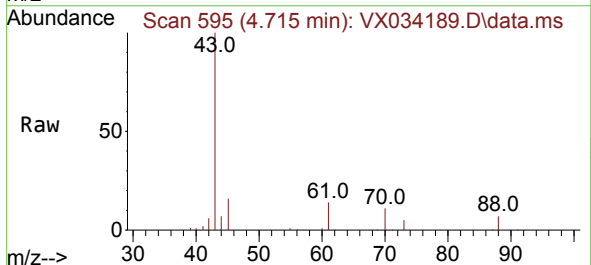
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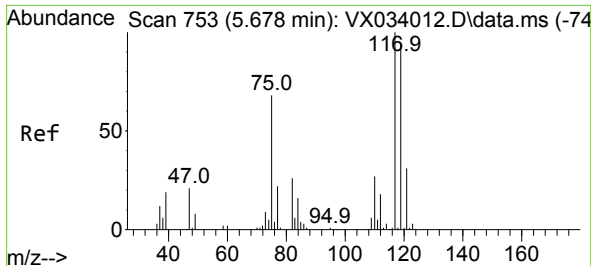
Tgt Ion: 75 Resp: 24734
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 9.643 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

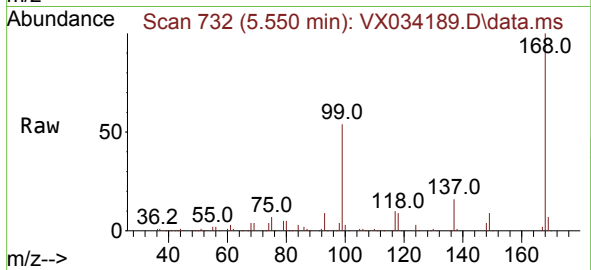
Tgt Ion: 43 Resp: 59718
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 11.8 8.5 12.7



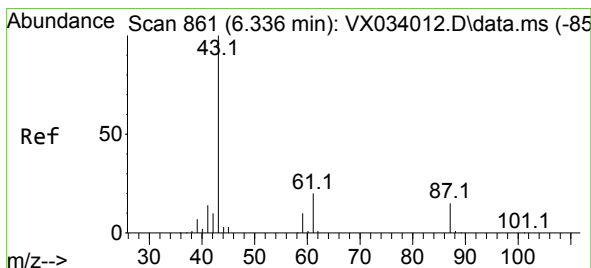
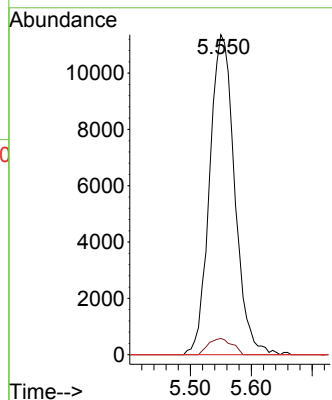
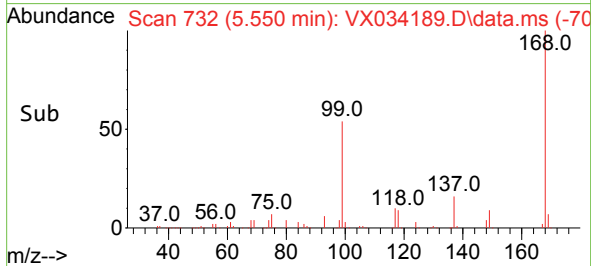


#38
Carbon Tetrachloride
Concen: 5.693 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Instrument :
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ClientSampleId :
LEONIA-TRENCH-LINE

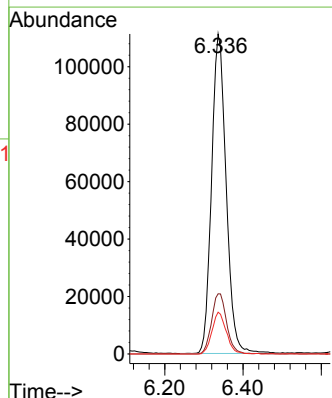
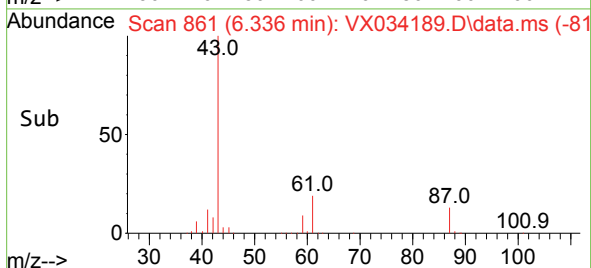
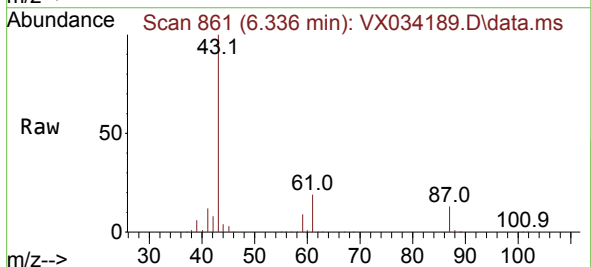


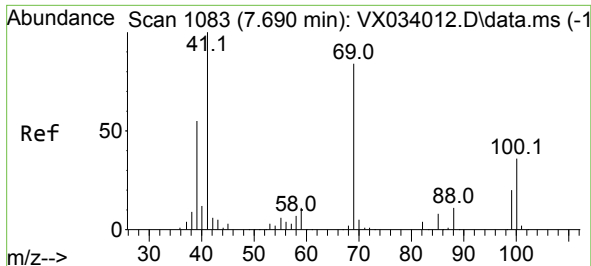
Tgt Ion:117 Resp: 32465
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 26.235 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Tgt Ion: 43 Resp: 286718
Ion Ratio Lower Upper
43 100
61 19.4 15.7 23.5
87 12.8 10.6 15.8





#48

Methyl methacrylate

Concen: 38.420 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX034189.D

Acq: 20 Feb 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

LEONIA-TRENCH-LINE

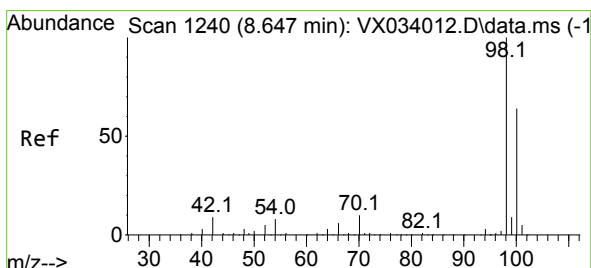
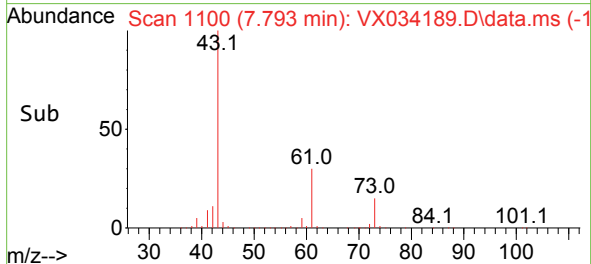
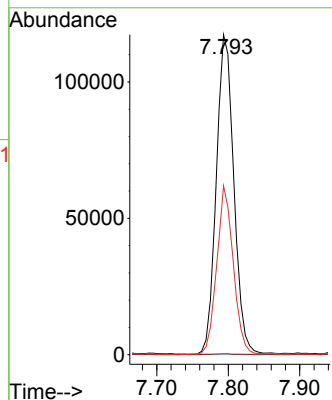
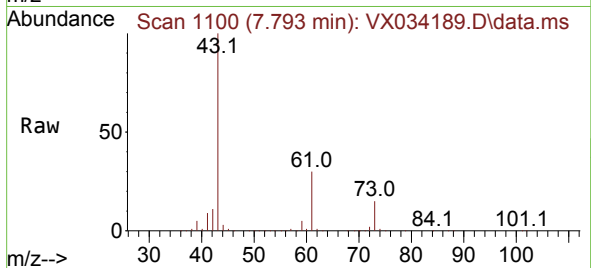
Tgt Ion: 41 Resp: 199292

Ion Ratio Lower Upper

41 100

69 0.3 63.1 94.7#

39 49.8 43.2 64.8



#50

Toluene-d8

Concen: 50.690 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034189.D

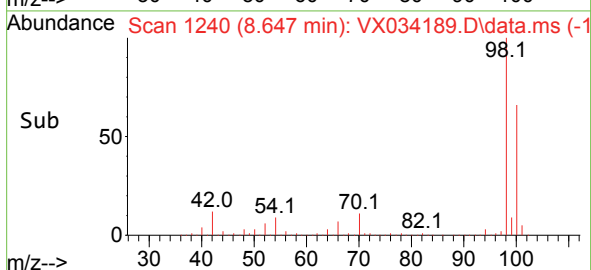
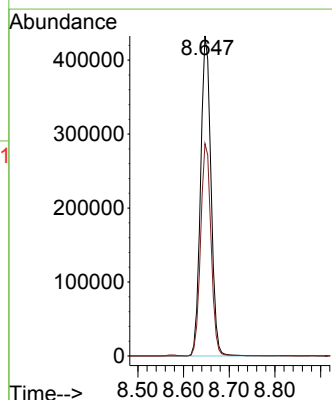
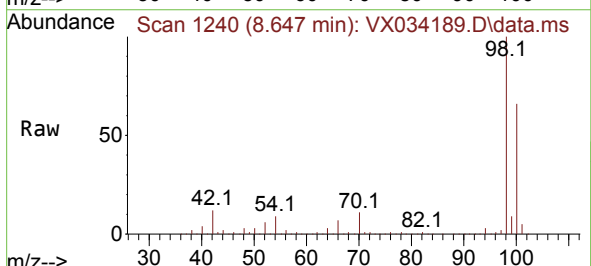
Acq: 20 Feb 2023 15:47

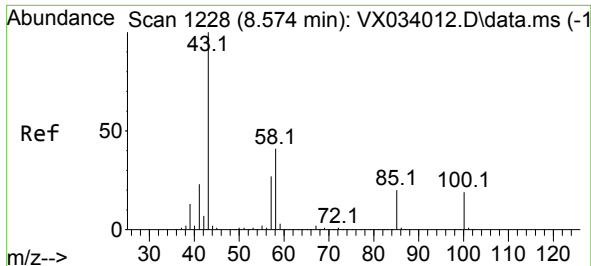
Tgt Ion: 98 Resp: 681933

Ion Ratio Lower Upper

98 100

100 66.6 53.6 80.4

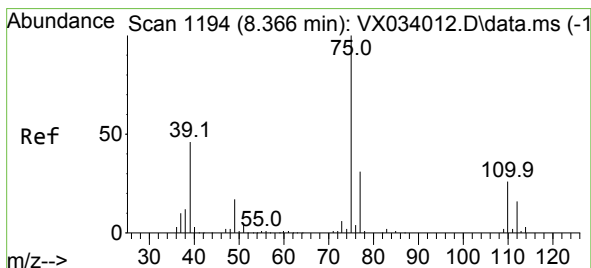
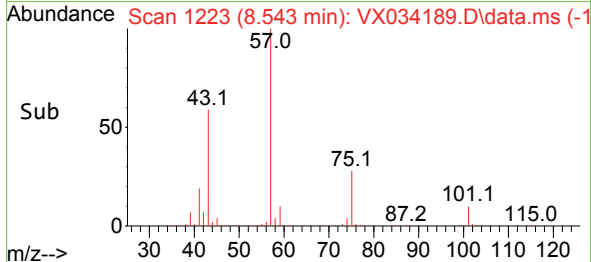
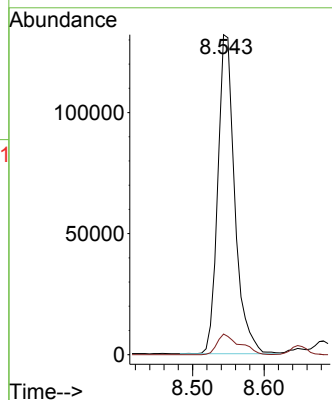
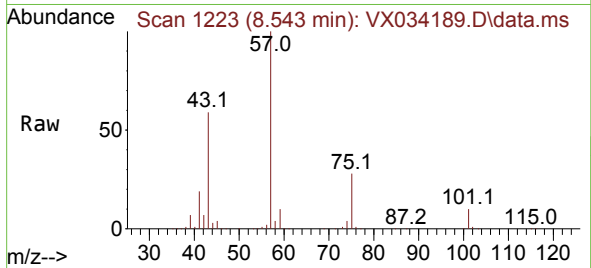




#51
4-Methyl-2-Pentanone
Concen: 36.125 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.024 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

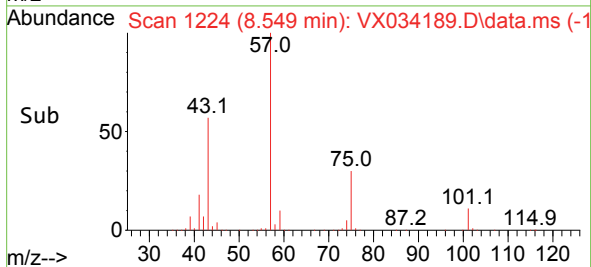
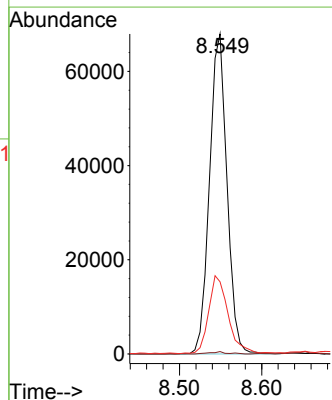
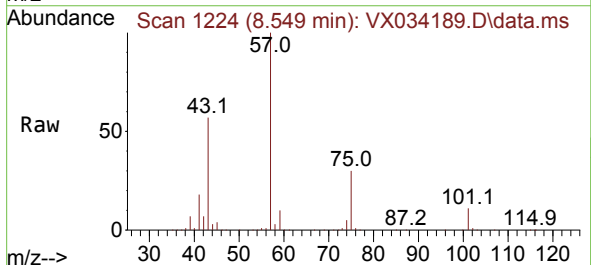
Instrument :
MSVOA_X
ClientSampleId :
LEONIA-TRENCH-LINE

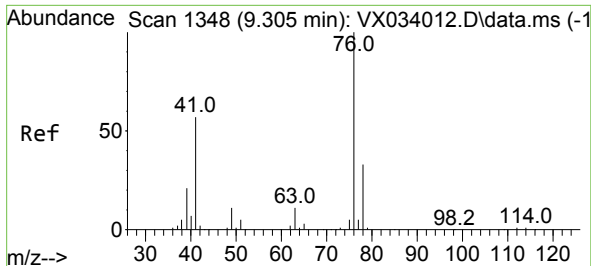
Tgt Ion: 43 Resp: 217211
Ion Ratio Lower Upper
43 100
58 8.6 31.2 46.8#



#54
cis-1,3-Dichloropropene
Concen: 13.768 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Tgt Ion: 75 Resp: 100173
Ion Ratio Lower Upper
75 100
77 0.7 25.0 37.6#
39 22.5 38.6 58.0#





#57

1,3-Dichloropropane

Concen: 1.719 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034189.D

Acq: 20 Feb 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

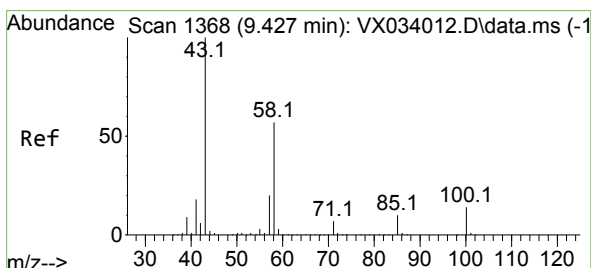
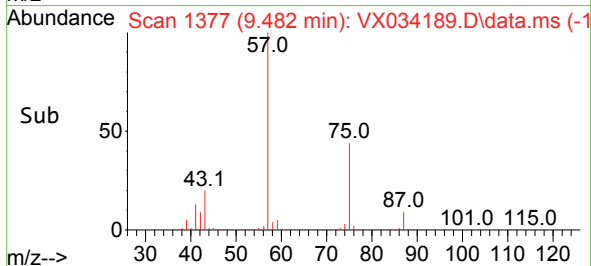
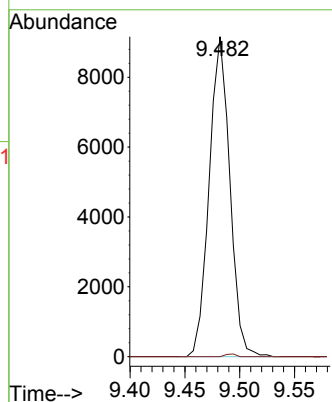
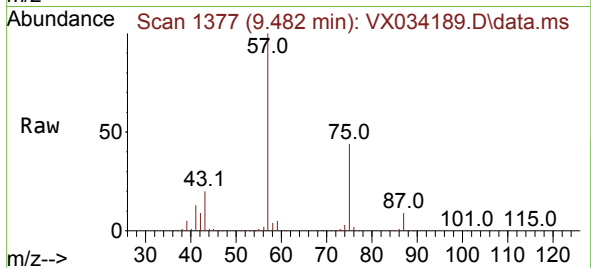
LEONIA-TRENCH-LINE

Tgt Ion: 76 Resp: 12013

Ion Ratio Lower Upper

76 100

78 0.4 25.6 38.4#



#59

2-Hexanone

Concen: 34.684 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX034189.D

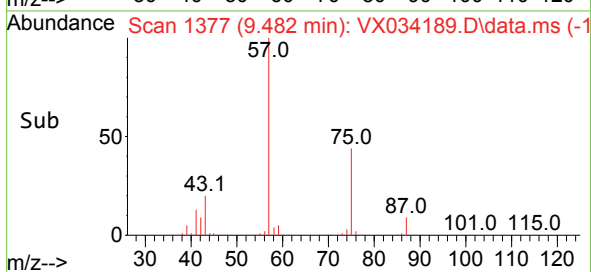
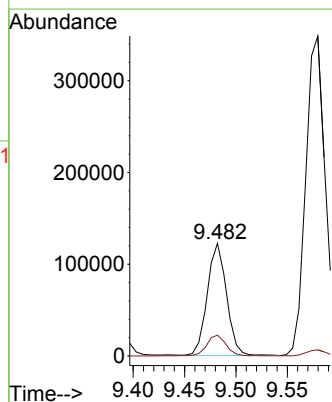
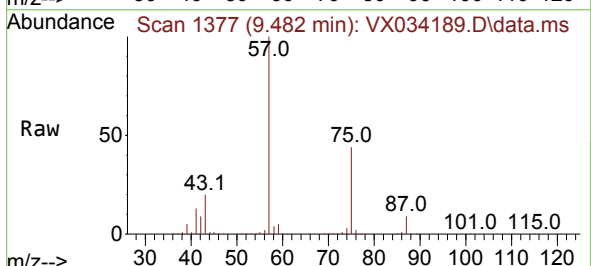
Acq: 20 Feb 2023 15:47

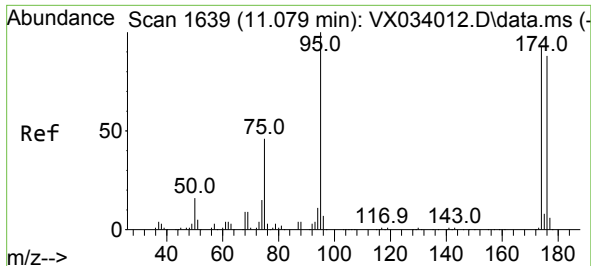
Tgt Ion: 43 Resp: 158936

Ion Ratio Lower Upper

43 100

58 19.0 27.4 82.0#

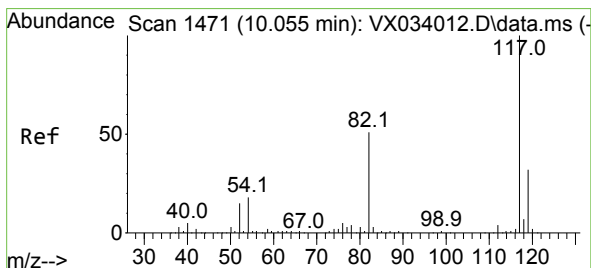
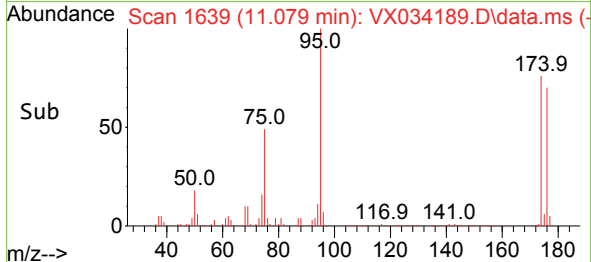
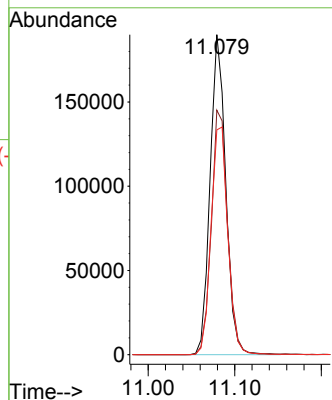
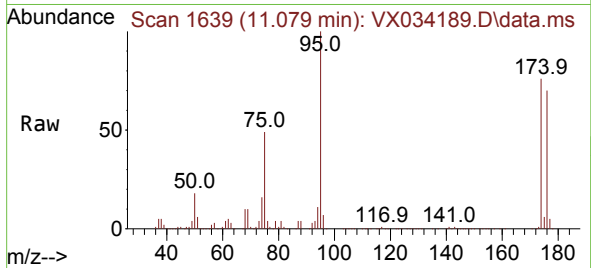




#62
4-Bromofluorobenzene
Concen: 46.339 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

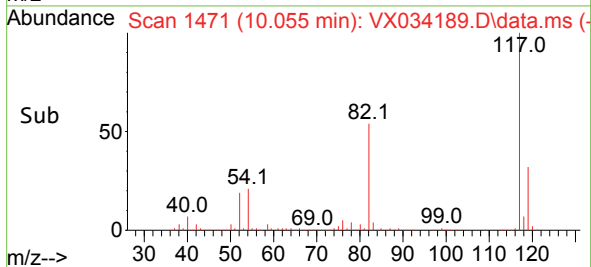
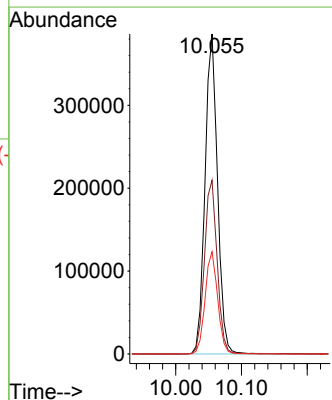
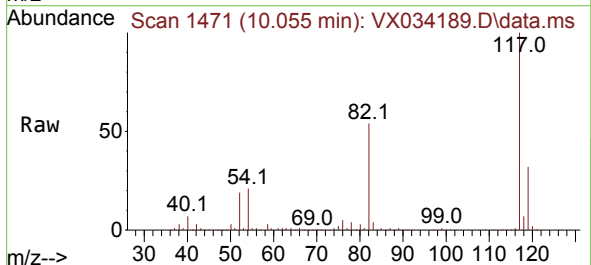
Instrument :
MSVOA_X
ClientSampleId :
LEONIA-TRENCH-LINE

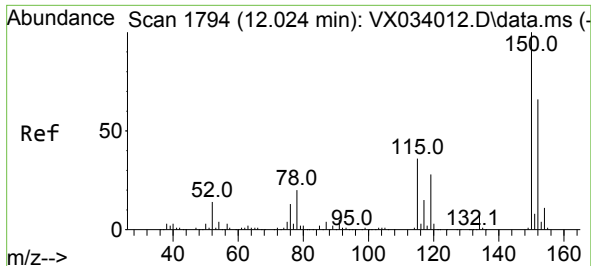
Tgt Ion: 95 Resp: 238453
Ion Ratio Lower Upper
95 100
174 79.6 0.0 184.4
176 76.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Tgt Ion: 117 Resp: 509601
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 32.0 25.6 38.4

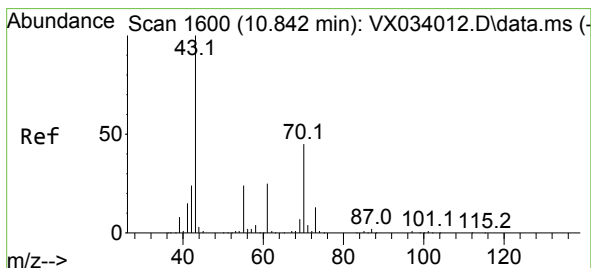
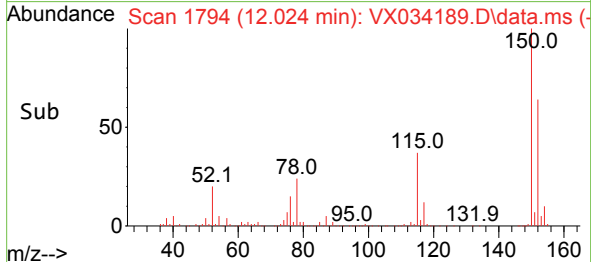
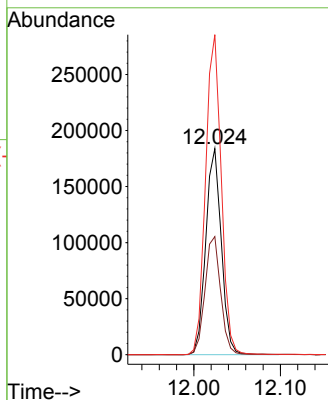
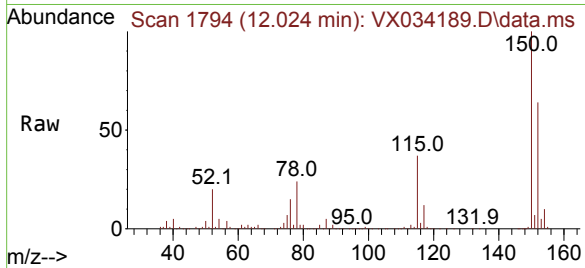




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

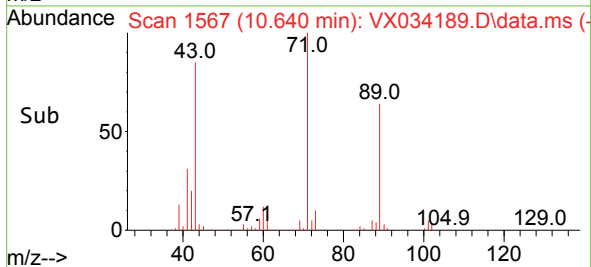
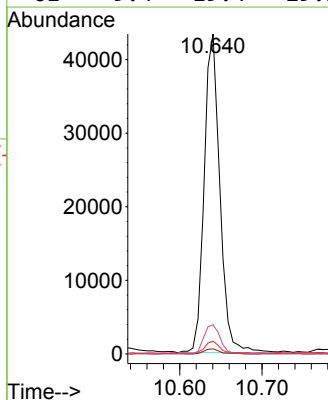
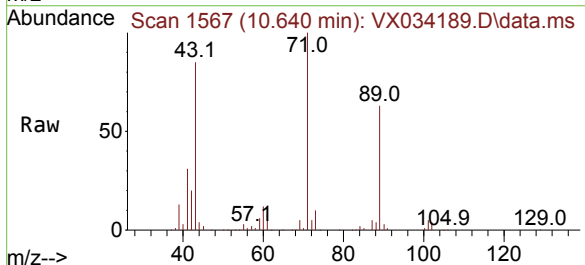
Instrument :
MSVOA_X
ClientSampleId :
LEONIA-TRENCH-LINE

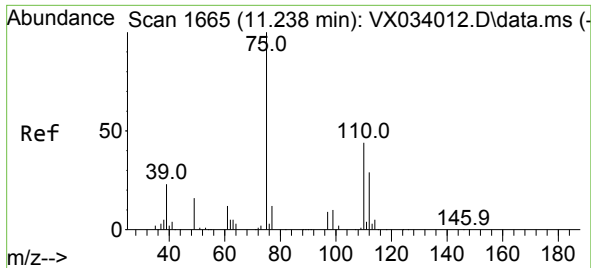
Tgt Ion:152 Resp: 229601
Ion Ratio Lower Upper
152 100
115 57.9 38.7 116.1
150 156.8 0.0 348.2



#74
N-ethyl acetate
Concen: 6.538 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Tgt Ion: 43 Resp: 57480
Ion Ratio Lower Upper
43 100
70 1.7 34.8 52.2#
55 3.5 19.4 29.0#
61 9.4 19.4 29.2#

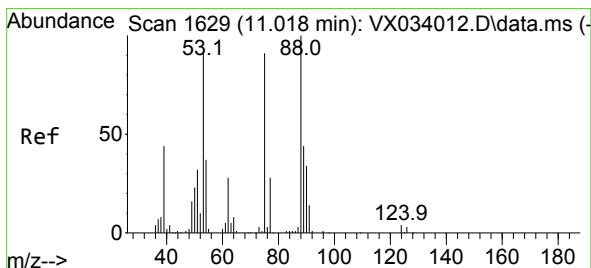
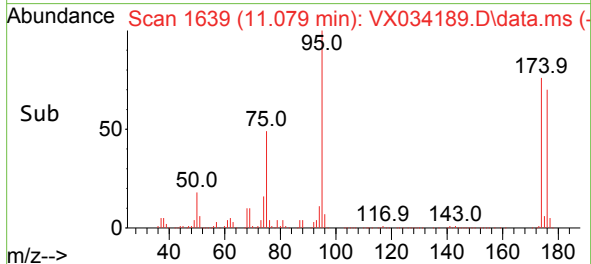
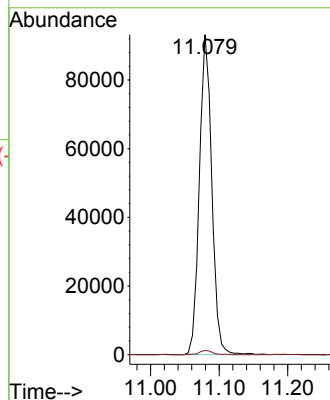
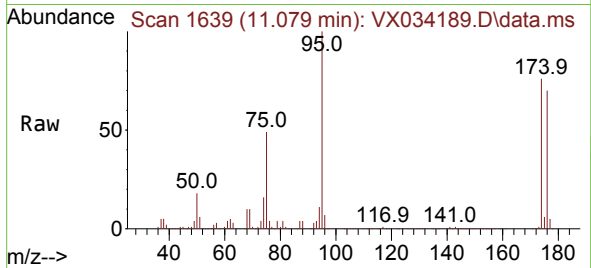




#76
1,2,3-Trichloropropane
Concen: 20.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
LEONIA-TRENCH-LINE

Tgt Ion: 75 Resp: 117794
Ion Ratio Lower Upper
75 100
77 1.4 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034189.D
Acq: 20 Feb 2023 15:47

Tgt Ion: 75 Resp: 117794
Ion Ratio Lower Upper
75 100
53 0.1 83.0 124.6#
89 0.0 37.7 56.5#

