

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X080723\
 Data File : VX036831.D
 Acq On : 07 Aug 2023 12:42
 Operator : JC/MD
 Sample : 03899-02
 Misc : 1.20g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 522

Quant Time: Aug 08 01:32:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88046	46.701	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.391	113	73101	46.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	8.647	98	284581	50.722	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.440%
62) 4-Bromofluorobenzene	11.085	95	146481	69.200	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	138.400%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	221	0.237	ug/l #	61
11) Tert butyl alcohol	2.947	59	8394	18.806	ug/l #	82
16) Acetone	2.422	43	280278	358.260	ug/l	91
18) Methyl Acetate	2.727	43	6518	1.980	ug/l	100
20) Methylene Chloride	2.776	84	1748	1.005	ug/l	90
29) Tetrahydrofuran	5.092	42	2225	2.719	ug/l #	1
31) Cyclohexane	5.483	56	109307	41.874	ug/l #	57
36) 1,1-Dichloropropene	5.544	75	10439	4.427	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13508	5.388	ug/l #	15
39) Methylcyclohexane	7.373	83	184513	62.925	ug/l	95
40) Benzene	6.025	78	6753	0.984	ug/l	91
41) Methacrylonitrile	5.111	41	9496	6.652	ug/l #	55
43) Isopropyl Acetate	6.178	43	60997	13.276	ug/l #	62
45) 1,2-Dichloropropane	7.366	63	1967	1.074	ug/l #	1
47) Bromodichloromethane	7.763	83	2028	0.771	ug/l #	1
48) Methyl methacrylate	7.647	41	22095	10.341	ug/l #	43
51) 4-Methyl-2-Pentanone	8.598	43	25104	9.874	ug/l #	51
52) Toluene	8.720	92	4341250	1009.834	ug/l	92
53) t-1,3-Dichloropropene	8.720	75	55810	18.764	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	163940	90.720	ug/l #	21
56) Ethyl methacrylate	9.098	69	35864	12.188	ug/l #	7
58) 2-Chloroethyl Vinyl ether	8.275	63	471	0.325	ug/l #	47
59) 2-Hexanone	9.384	43	137603	72.922	ug/l #	31
60) Dibromochloromethane	9.500	129	566	0.285	ug/l #	1
64) Tetrachloroethene	9.275	164	2004	1.187	ug/l	87
67) Ethyl Benzene	10.195	91	1891914	207.536	ug/l	97
68) m/p-Xylenes	10.305	106	3041780	894.299	ug/l	88
69) o-Xylene	10.646	106	1235587	363.934	ug/l	95
70) Styrene	10.646	104	62206	11.105	ug/l #	1
73) Isopropylbenzene	10.963	105	342382	31.967	ug/l	98
74) N-amyl acetate	10.860	43	147418	29.516	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	120089	33.197	ug/l #	26
76) 1,2,3-Trichloropropane	11.305	75	7167	2.354	ug/l #	1
78) n-propylbenzene	11.305	91	1110140	89.624	ug/l	99
79) 2-Chlorotoluene	11.384	91	549995	73.276	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.457	105	1295445	144.580	ug/l	99

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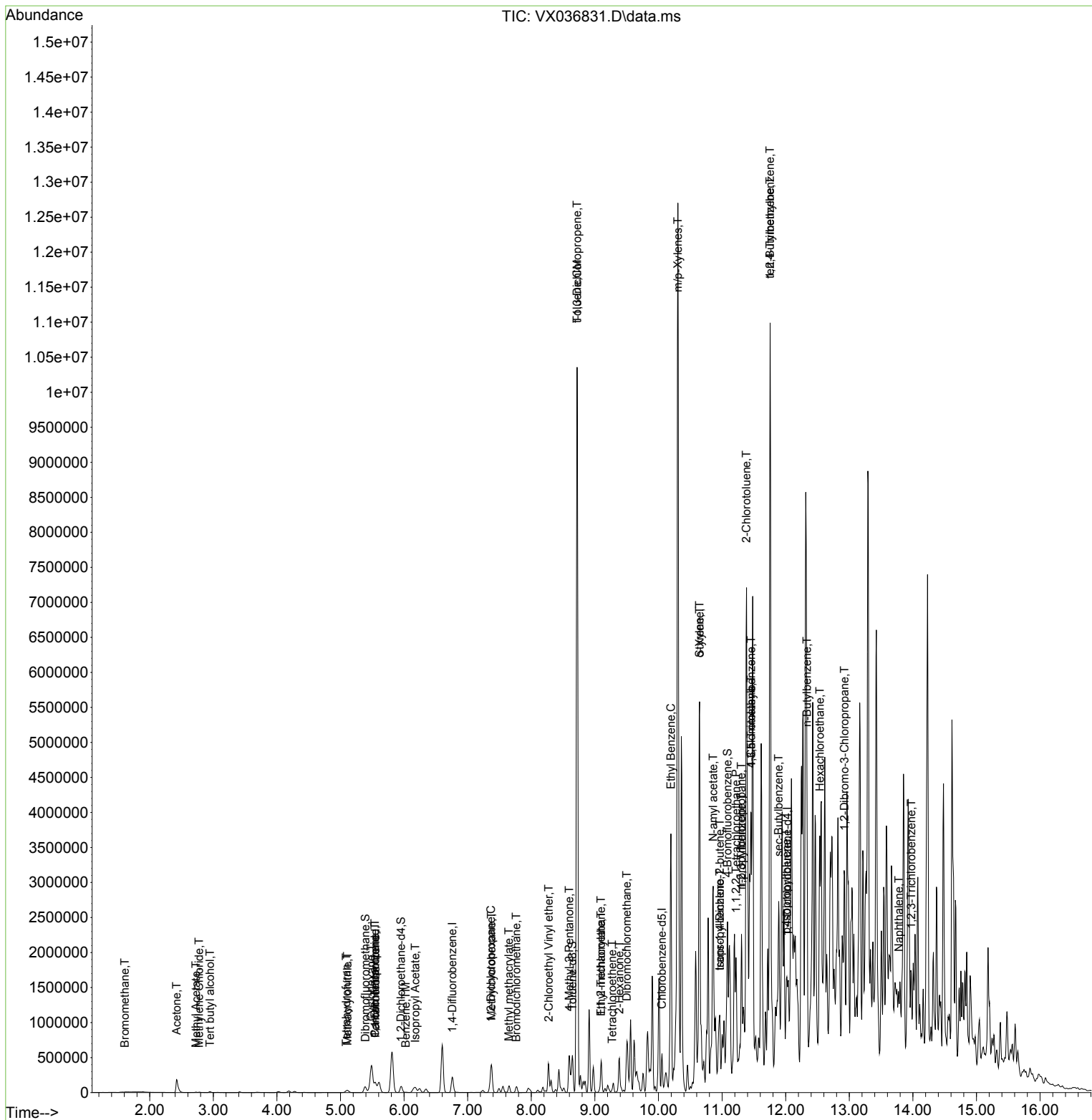
Quant Time: Aug 08 01:32:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

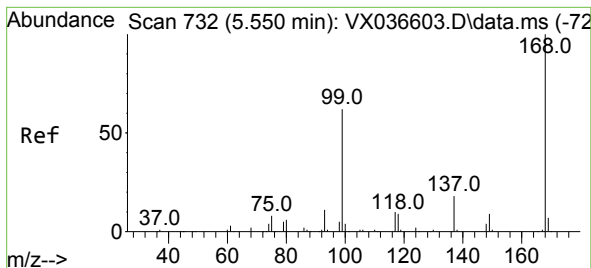
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

81) trans-1,4-Dichloro-2-b...	10.963	75	4428	3.297	ug/l #		1
82) 4-Chlorotoluene	11.457	91	154069	18.015	ug/l #		50
83) tert-Butylbenzene	11.756	119	543749	61.774	ug/l #		58
84) 1,2,4-Trimethylbenzene	11.756	105	4121034	459.897	ug/l		91
85) sec-Butylbenzene	11.890	105	582426	53.057	ug/l		84
86) p-Isopropyltoluene	12.012	119	336258	37.227	ug/l		98
89) n-Butylbenzene	12.335	91	1251172	154.736	ug/l #		52
90) Hexachloroethane	12.536	117	128348	70.091	ug/l #		17
92) 1,2-Dibromo-3-Chloropr...	12.926	75	8883	10.567	ug/l #		9
95) Naphthalene	13.780	128	463714	49.545	ug/l #		90
96) 1,2,3-Trichlorobenzene	13.975	180	7480	2.826	ug/l #		1

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

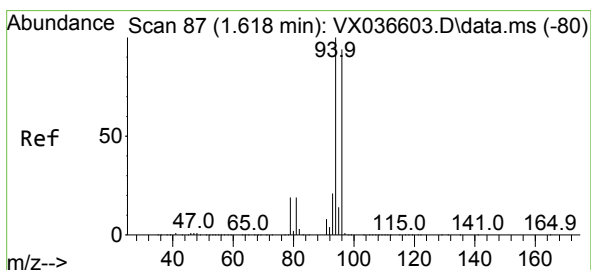
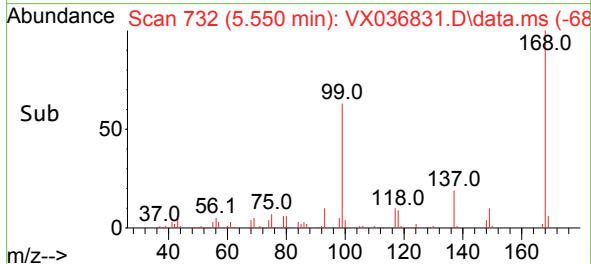
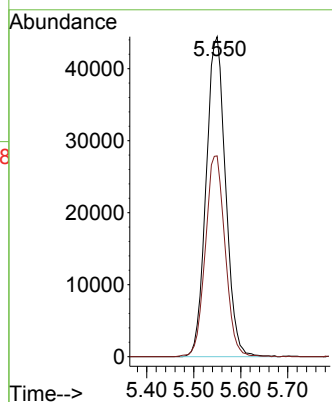
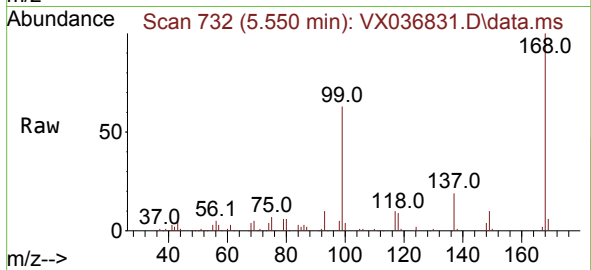
522

Tgt Ion:168 Resp: 127416

Ion Ratio Lower Upper

168 100

99 62.8 56.6 85.0



#5

Bromomethane

Concen: 0.237 ug/l

RT: 1.605 min Scan# 85

Delta R.T. -0.012 min

Lab File: VX036831.D

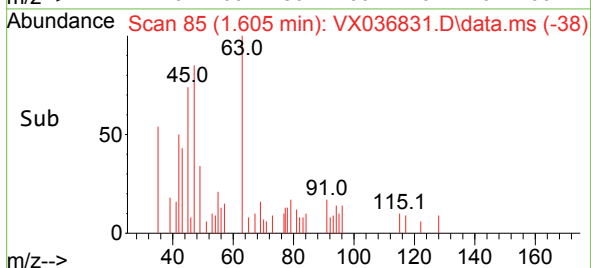
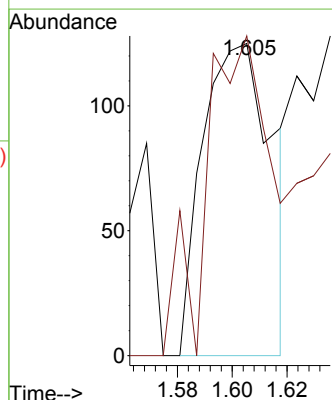
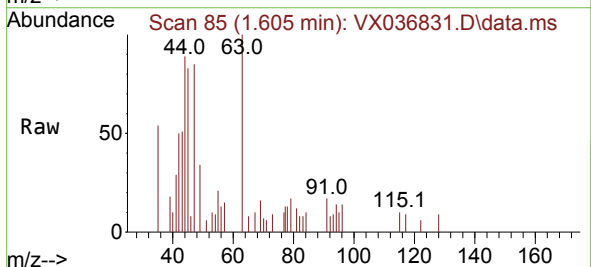
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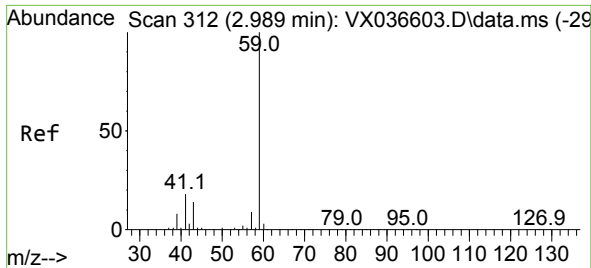
Tgt Ion: 94 Resp: 221

Ion Ratio Lower Upper

94 100

96 56.0 74.6 111.8#

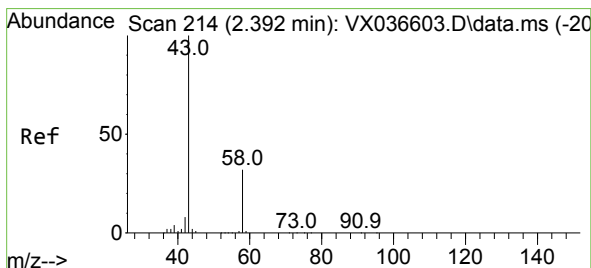
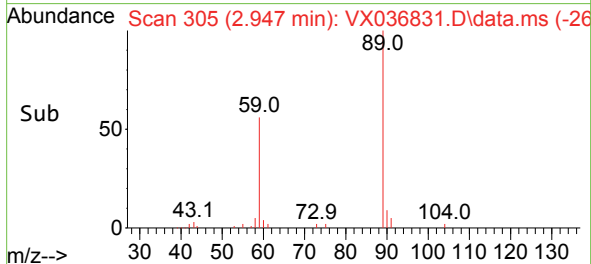
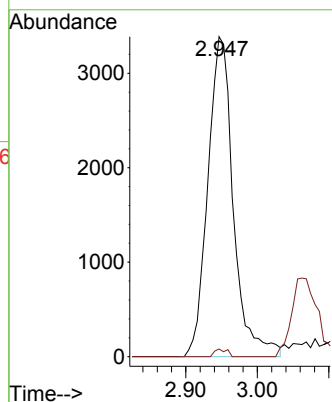
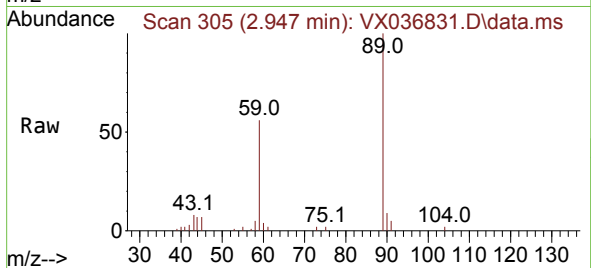




#11
Tert butyl alcohol
Concen: 18.806 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

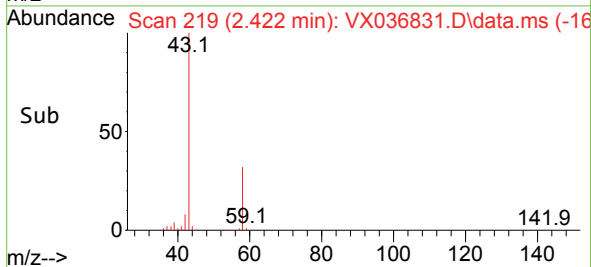
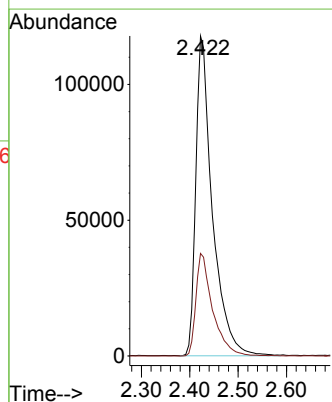
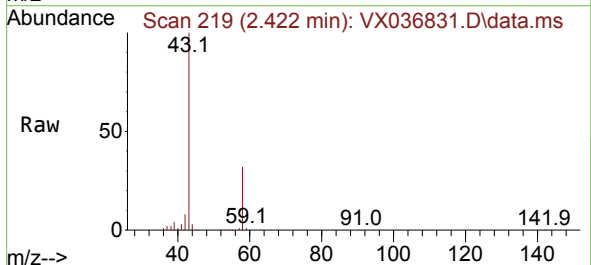
Instrument :
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522

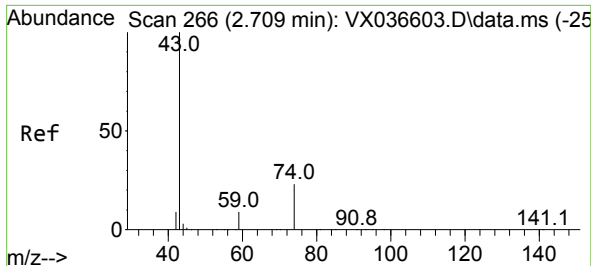
Tgt Ion: 59 Resp: 8394
Ion Ratio Lower Upper
59 100
57 1.2 6.0 9.0#



#16
Acetone
Concen: 358.260 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.030 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 43 Resp: 280278
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9

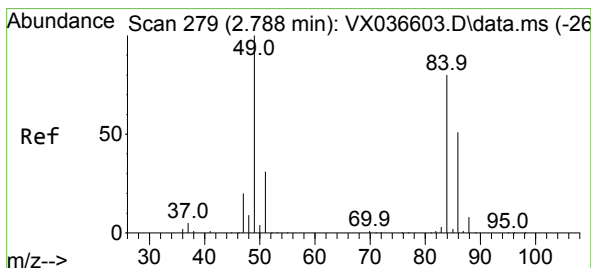
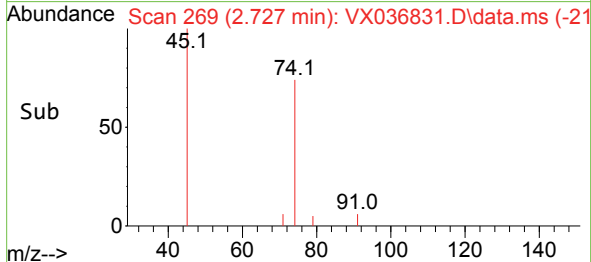
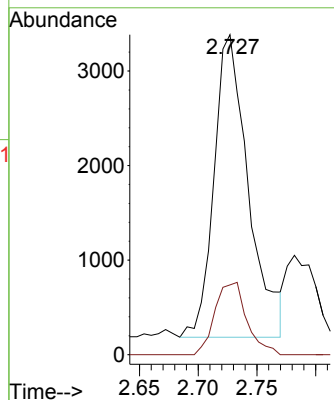
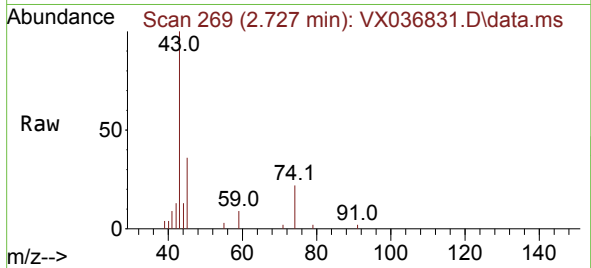




#18
Methyl Acetate
Concen: 1.980 ug/l
RT: 2.727 min Scan# 207
Delta R.T. 0.018 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

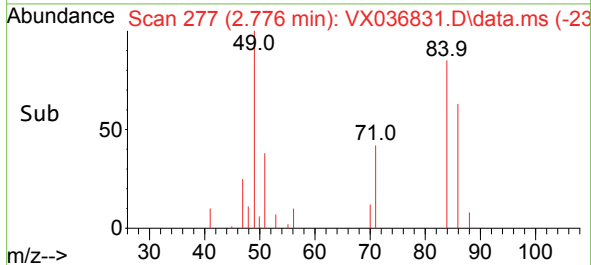
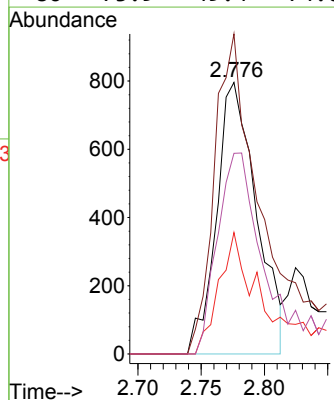
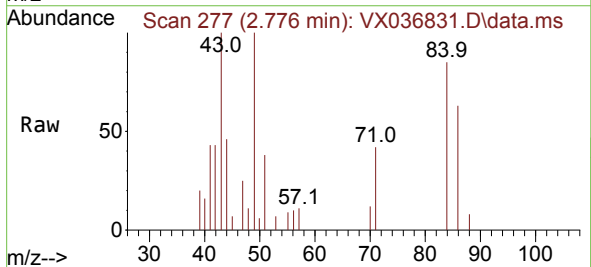
Instrument :
MSVOA_X
ClientSampleId :
522

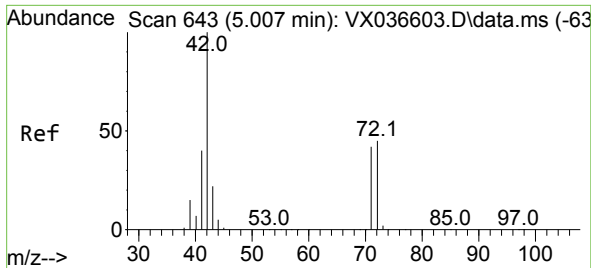
Tgt Ion: 43 Resp: 6518
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 1.005 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 84 Resp: 1748
Ion Ratio Lower Upper
84 100
49 117.8 103.6 155.4
51 44.7 33.8 50.6
86 73.9 49.4 74.0





#29

Tetrahydrofuran

Concen: 2.719 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.085 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

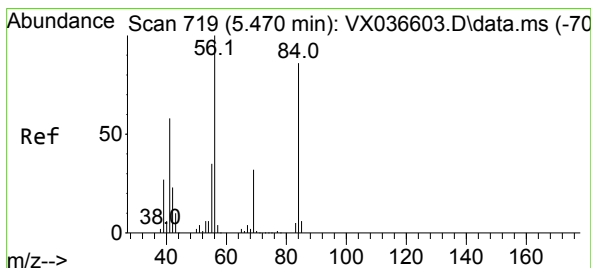
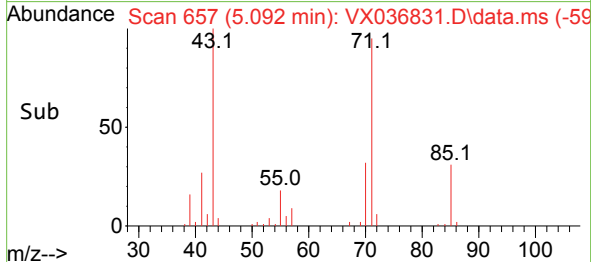
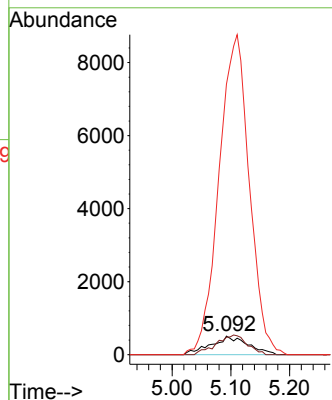
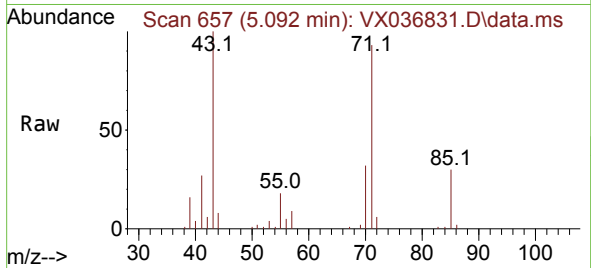
MSVOA_X

ClientSampleId :

522

Tgt Ion: 42 Resp: 2225

Ion	Ratio	Lower	Upper
42	100		
72	88.4	34.2	51.4#
71	1413.4	32.2	48.2#



#31

Cyclohexane

Concen: 41.874 ug/l

RT: 5.483 min Scan# 721

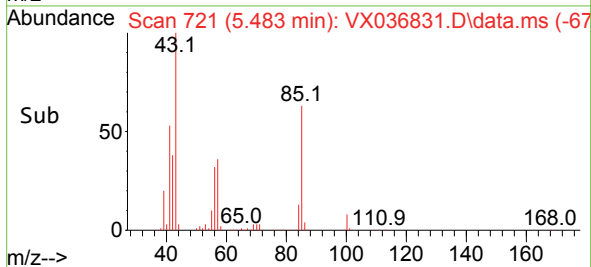
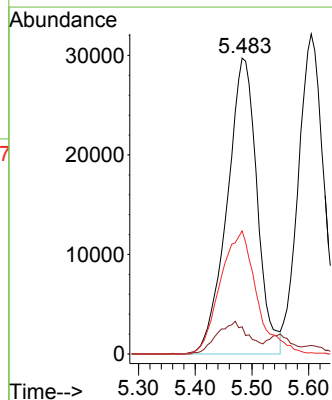
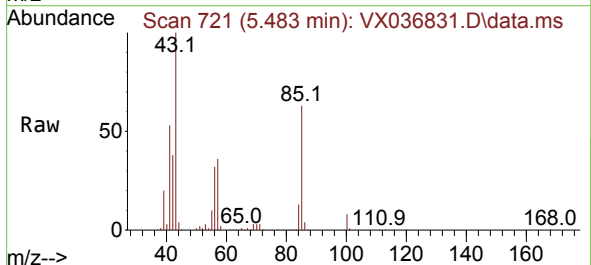
Delta R.T. 0.012 min

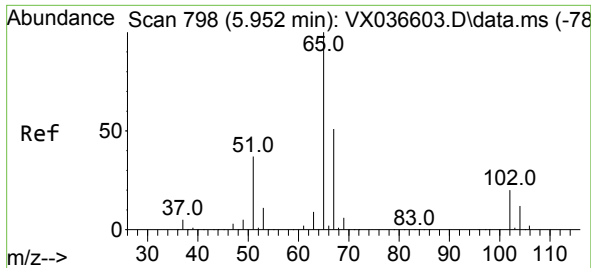
Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Tgt Ion: 56 Resp: 109307

Ion	Ratio	Lower	Upper
56	100		
69	9.2	23.4	35.2#
84	41.6	65.9	98.9#

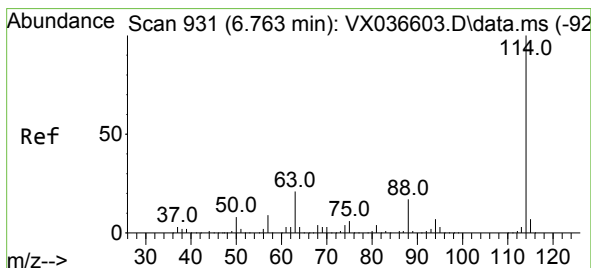
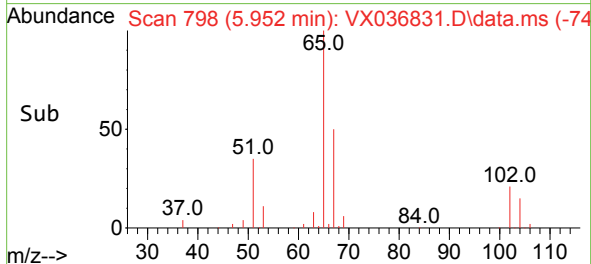
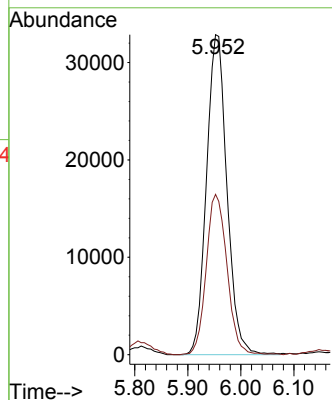
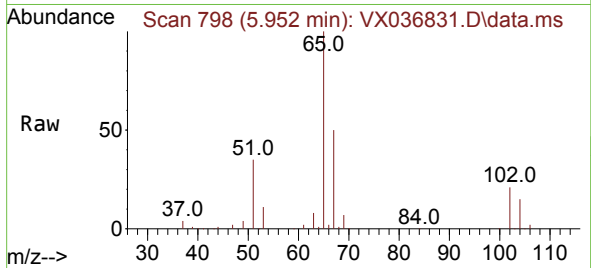




#33
1,2-Dichloroethane-d4
Concen: 46.701 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

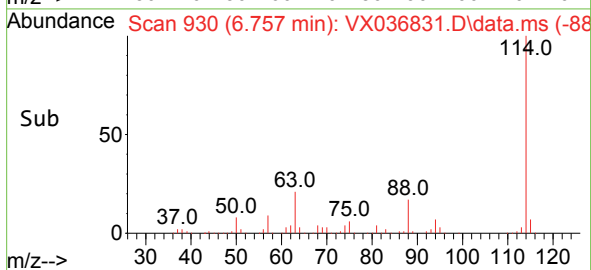
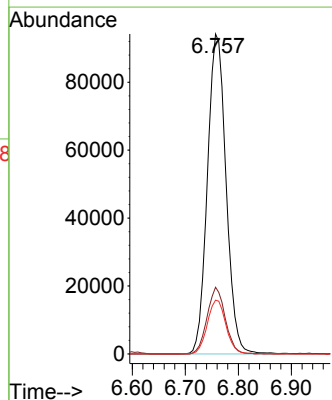
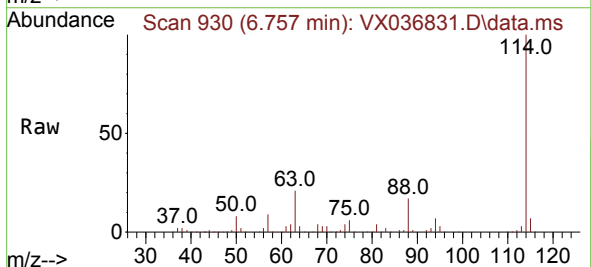
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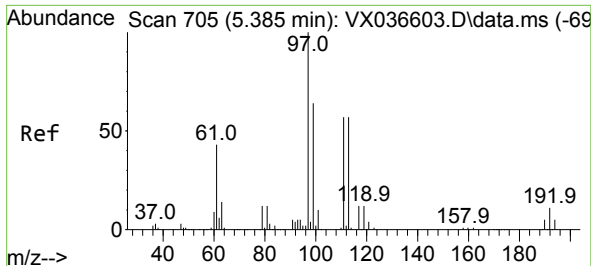
Tgt Ion: 65 Resp: 88046
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 114 Resp: 230180
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.8 0.0 36.6

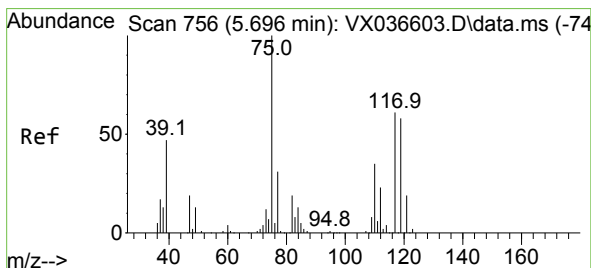
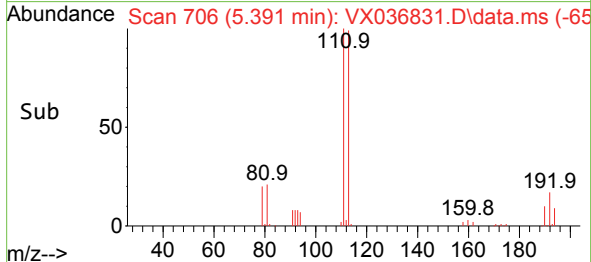
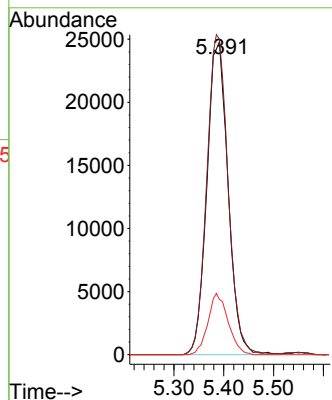
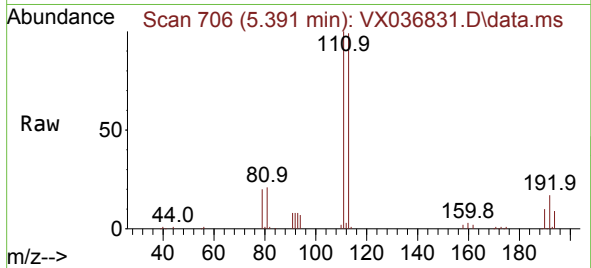




#35
Dibromofluoromethane
Concen: 46.204 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

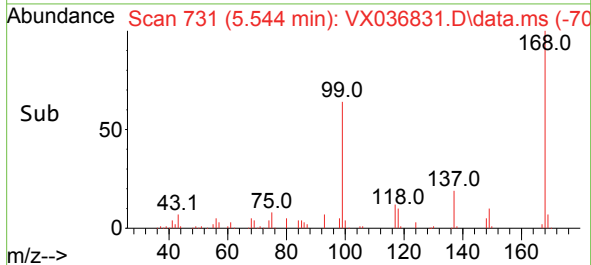
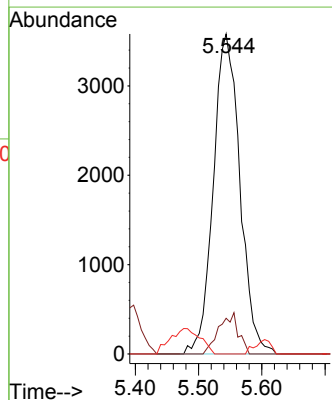
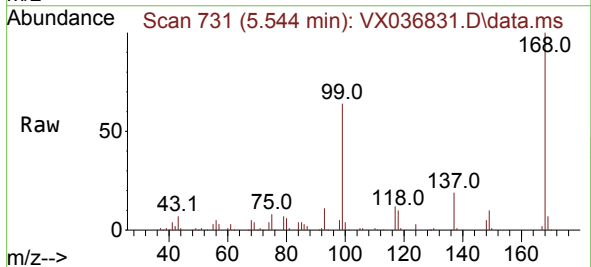
Instrument :
MSVOA_X
ClientSampleId :
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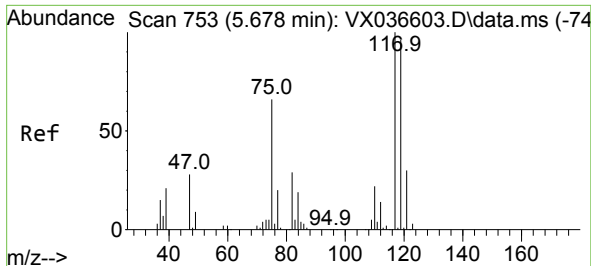
Tgt Ion:113 Resp: 73101
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

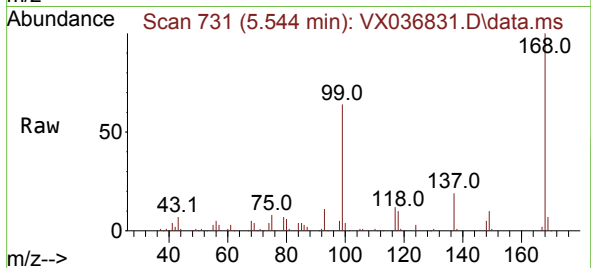
Tgt Ion: 75 Resp: 10439
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



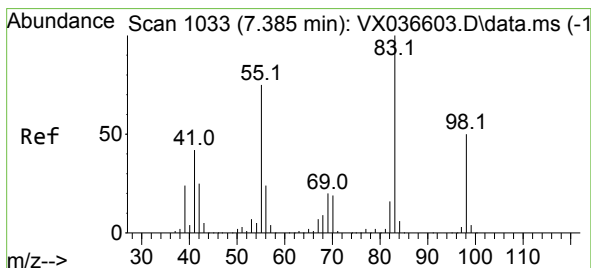
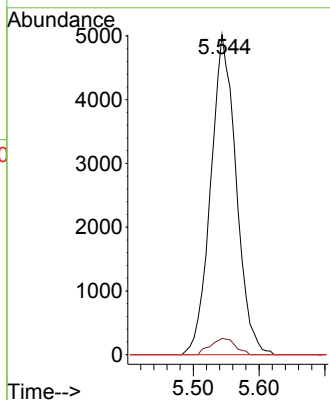
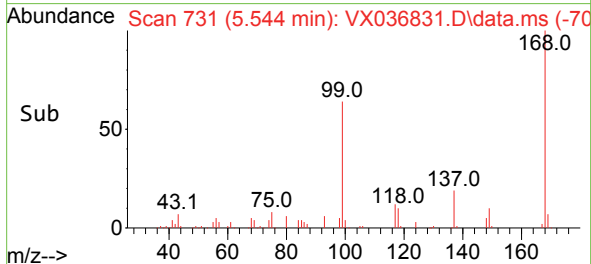


#38
Carbon Tetrachloride
Concen: 5.388 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
522

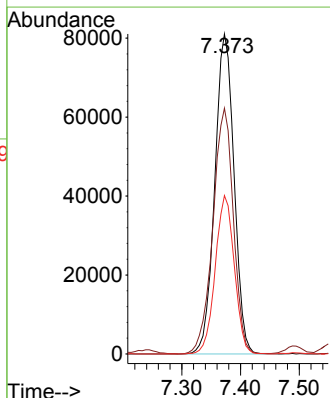
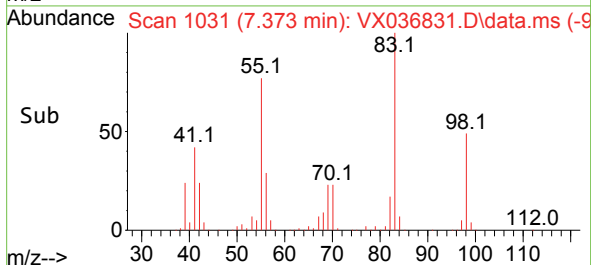
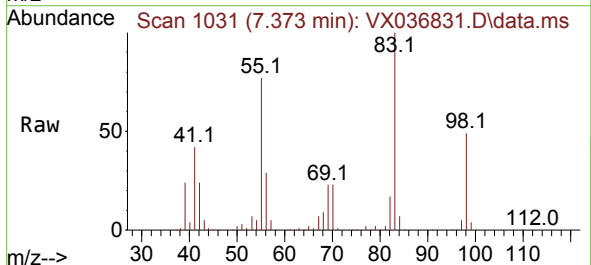


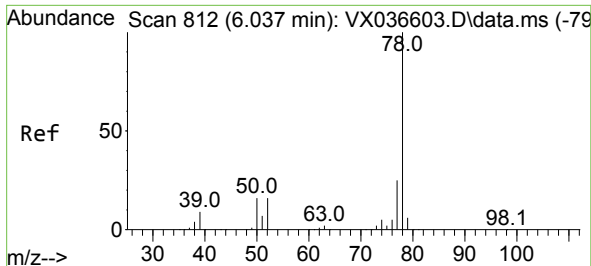
Tgt Ion:117 Resp: 13508
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 62.925 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 83 Resp: 184513
Ion Ratio Lower Upper
83 100
55 76.8 64.6 97.0
98 49.5 36.7 55.1





#40

Benzene

Concen: 0.984 ug/l

RT: 6.025 min Scan# 81

Delta R.T. -0.012 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

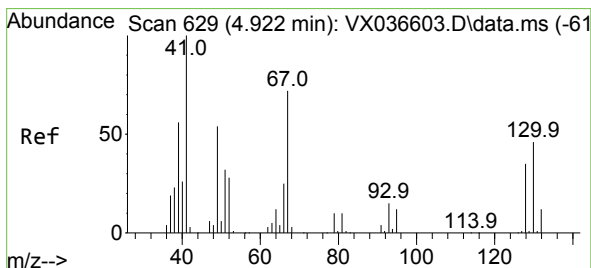
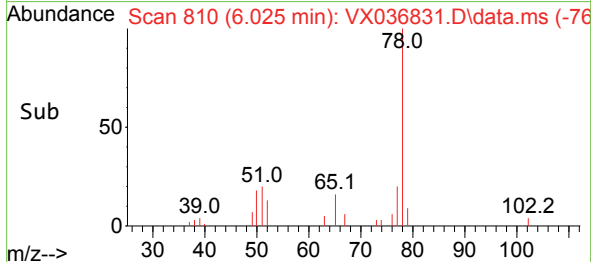
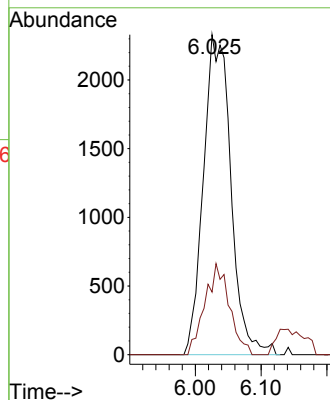
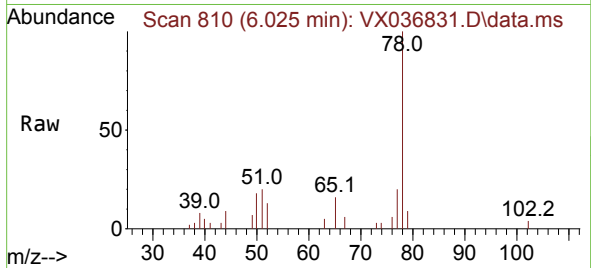
522

Tgt Ion: 78 Resp: 6753

Ion Ratio Lower Upper

78 100

77 19.5 19.3 28.9



#41

Methacrylonitrile

Concen: 6.652 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.189 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Tgt Ion: 41 Resp: 9496

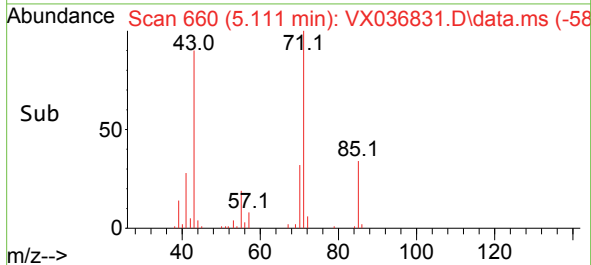
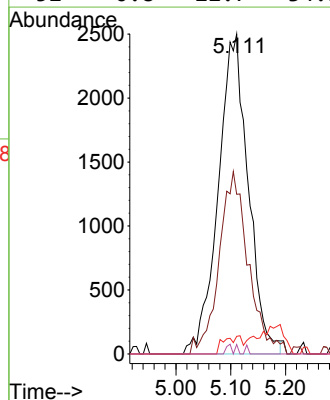
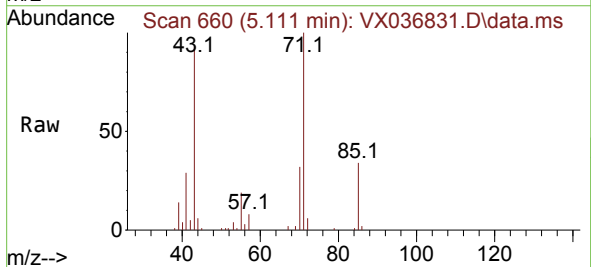
Ion Ratio Lower Upper

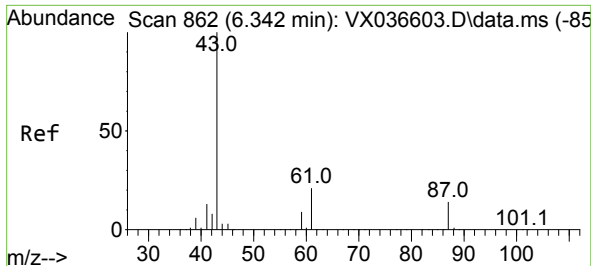
41 100

39 55.2 45.2 67.8

67 2.1 52.6 78.8#

52 0.8 22.7 34.1#

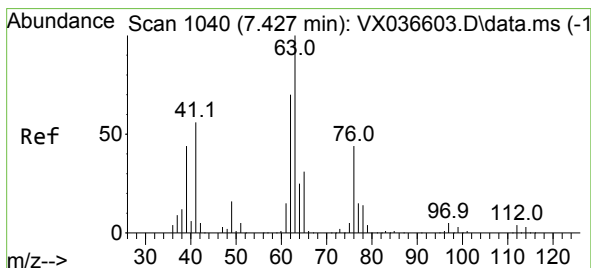
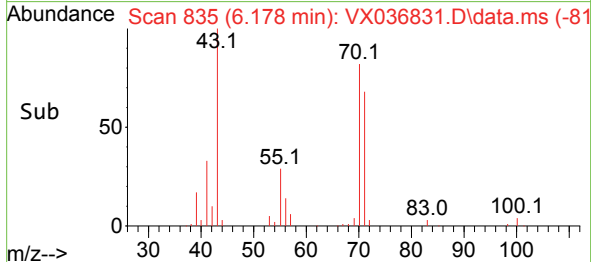
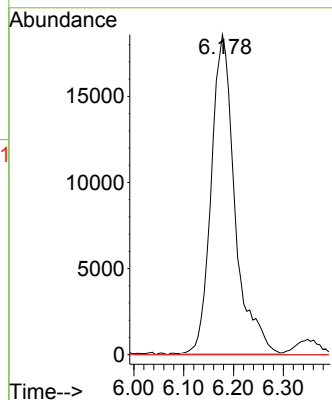
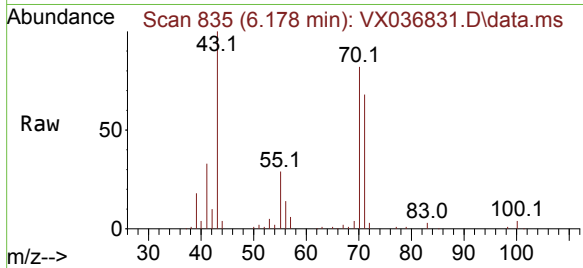




#43
Isopropyl Acetate
Concen: 13.276 ug/l
RT: 6.178 min Scan# 81
Delta R.T. -0.165 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

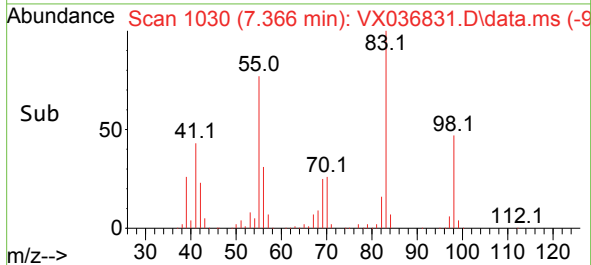
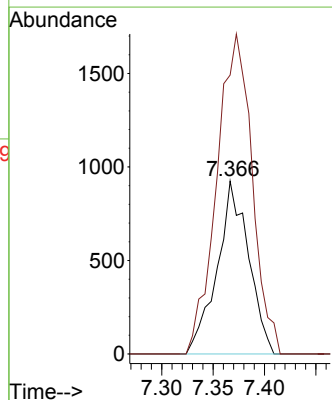
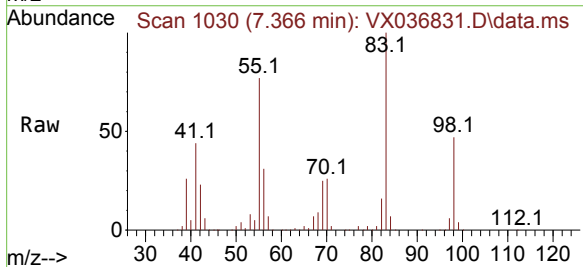
Instrument :
MSVOA_X
ClientSampleId :
522

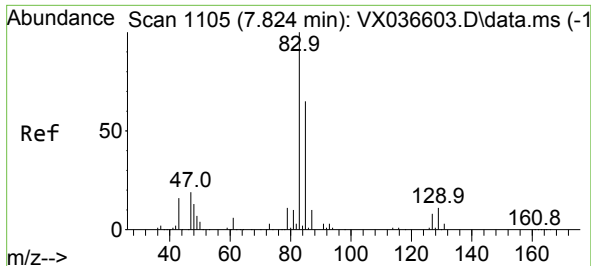
Tgt Ion: 43 Resp: 60997
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 1.074 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.061 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 63 Resp: 1967
Ion Ratio Lower Upper
63 100
65 161.4 24.3 36.5#

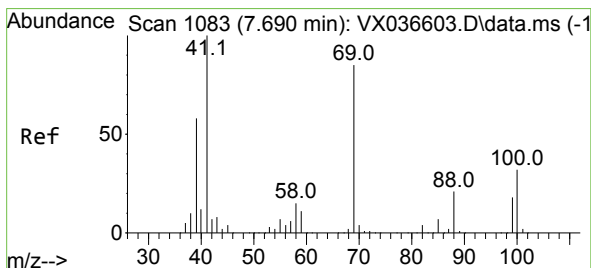
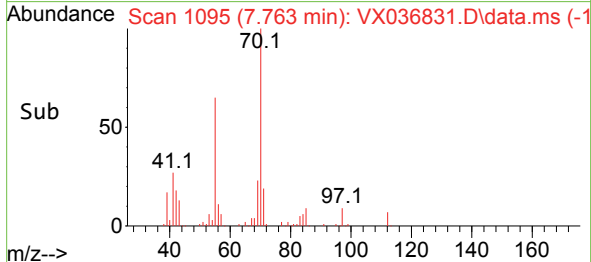
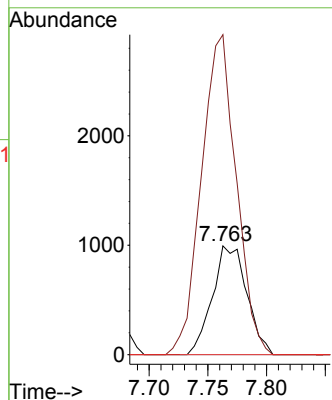
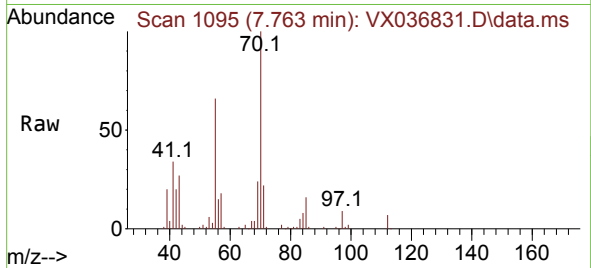




#47
Bromodichloromethane
Concen: 0.771 ug/l
RT: 7.763 min Scan# 1095
Delta R.T. -0.061 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

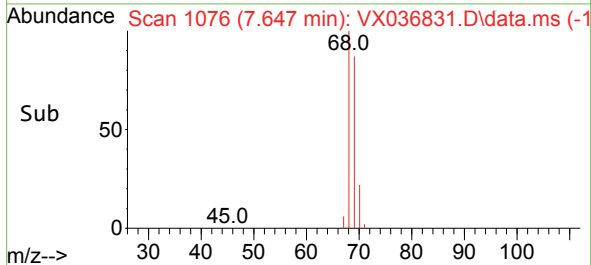
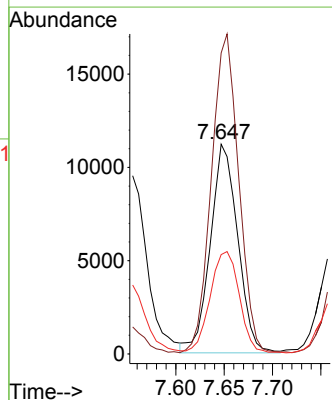
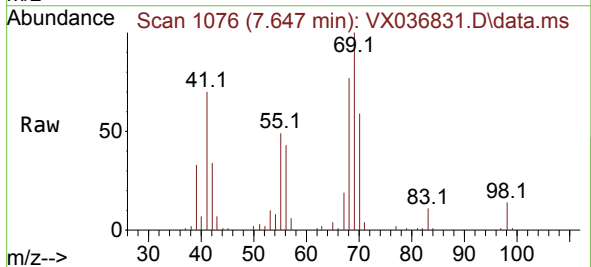
Instrument :
MSVOA_X
ClientSampleId :
522

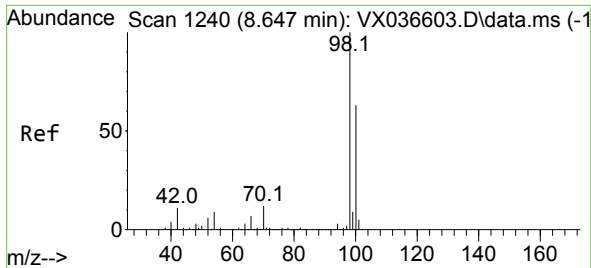
Tgt Ion: 83 Resp: 2028
Ion Ratio Lower Upper
83 100
85 294.3 49.8 74.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 10.341 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.043 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 41 Resp: 22095
Ion Ratio Lower Upper
41 100
69 153.7 59.2 88.8#
39 51.4 47.7 71.5

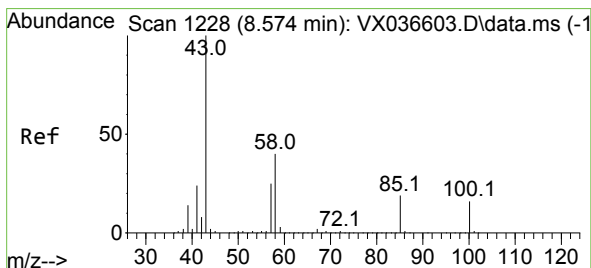
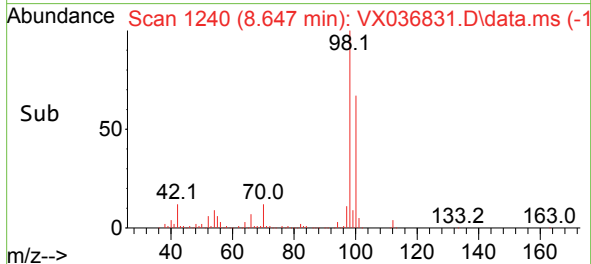
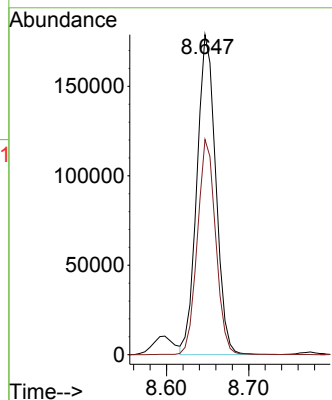
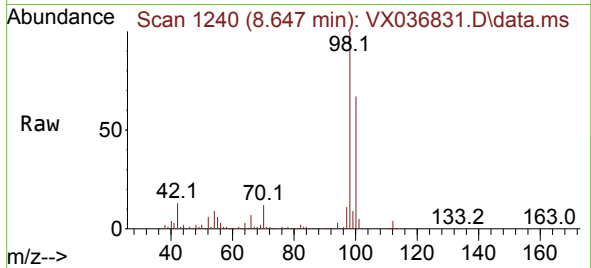




#50
Toluene-d8
Concen: 50.722 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

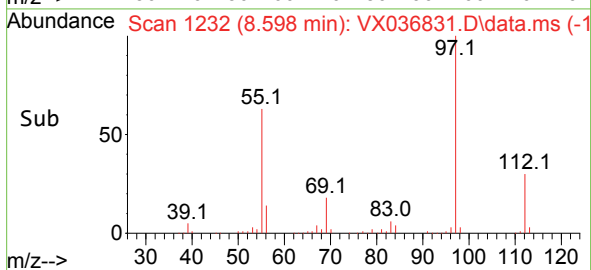
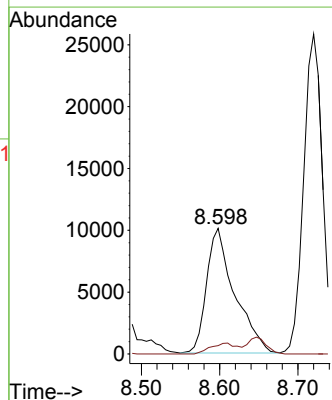
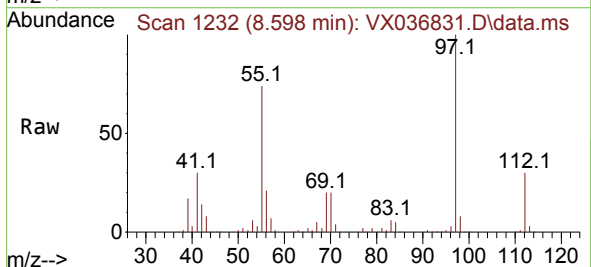
Instrument :
MSVOA_X
ClientSampleId :
522

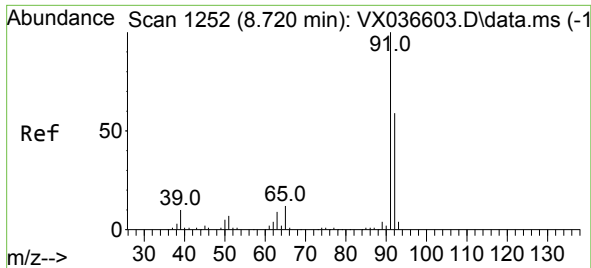
Tgt Ion: 98 Resp: 284581
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 9.874 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.024 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 43 Resp: 25104
Ion Ratio Lower Upper
43 100
58 8.4 30.4 45.6#

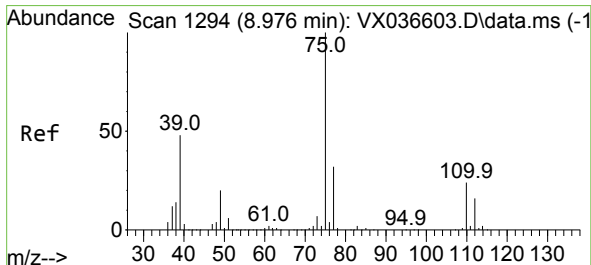
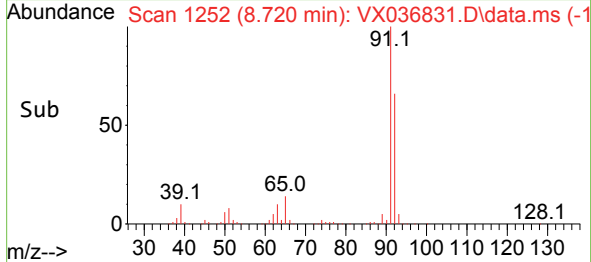
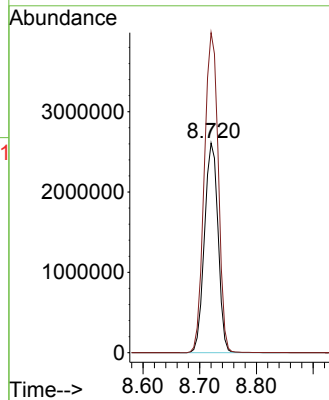
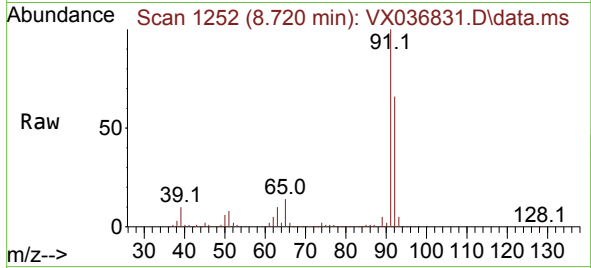




#52
Toluene
Concen: 1009.834 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

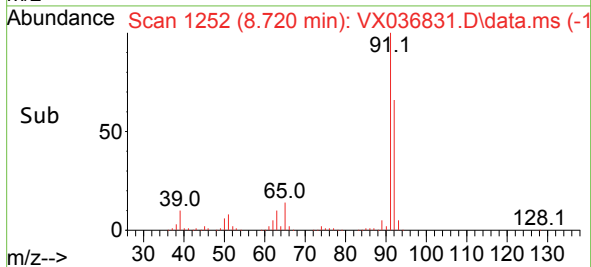
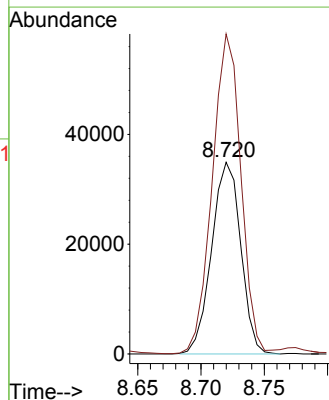
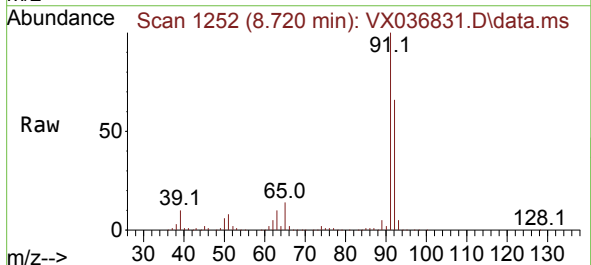
Instrument :
MSVOA_X
ClientSampleId :
522

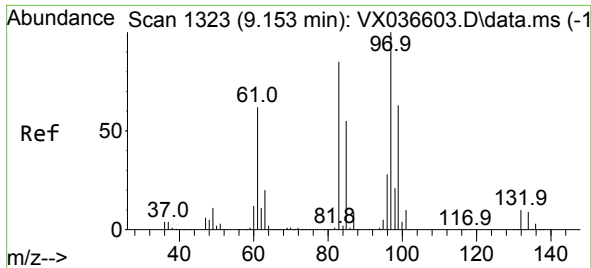
Tgt Ion: 92 Resp: 4341250
Ion Ratio Lower Upper
92 100
91 157.3 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 18.764 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 75 Resp: 55810
Ion Ratio Lower Upper
75 100
77 166.4 25.7 38.5#

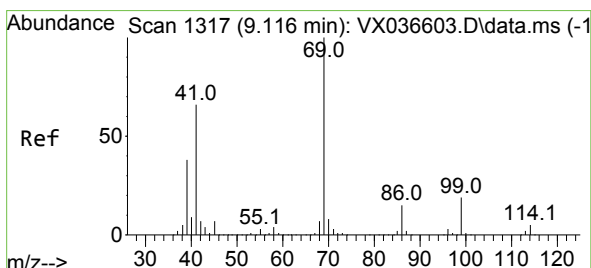
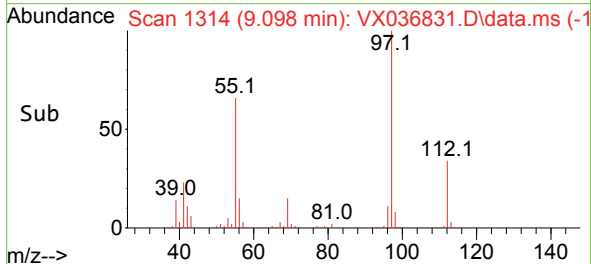
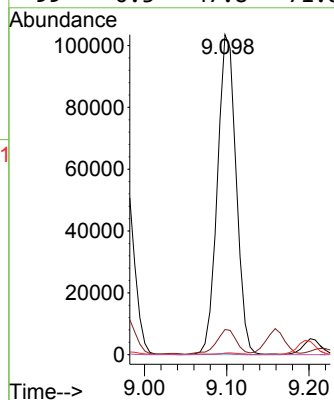
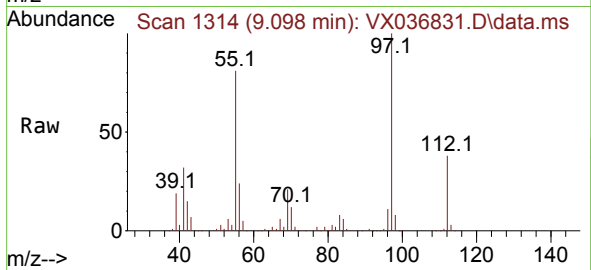




#55
1,1,2-Trichloroethane
Concen: 90.720 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.055 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

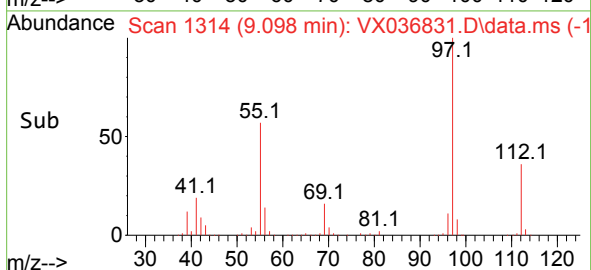
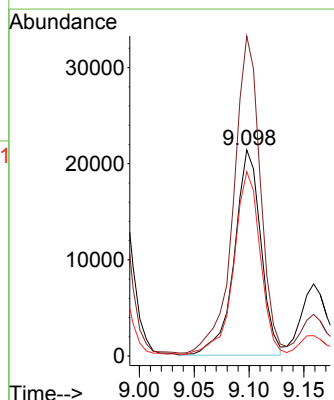
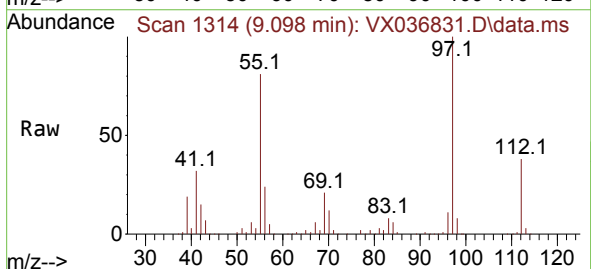
Instrument :
MSVOA_X
ClientSampleId :
522

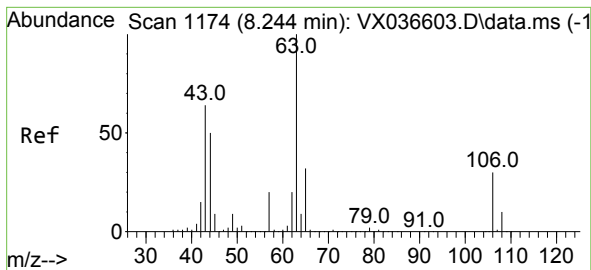
Tgt Ion:	97	Resp:	163940
Ion	Ratio	Lower	Upper
97	100		
83	7.6	65.8	98.8#
85	0.4	41.6	62.4#
99	0.3	47.8	71.8#



#56
Ethyl methacrylate
Concen: 12.188 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion:	69	Resp:	35864
Ion	Ratio	Lower	Upper
69	100		
41	155.5	56.8	85.2#
39	88.0	32.0	48.0#

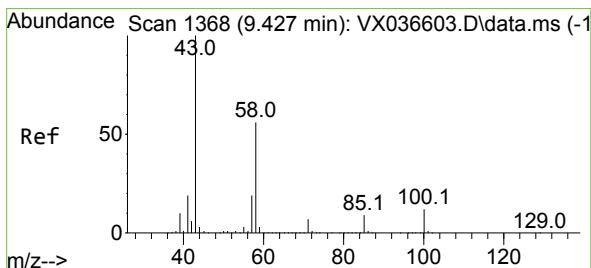
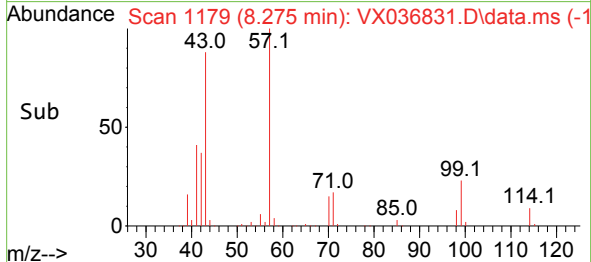
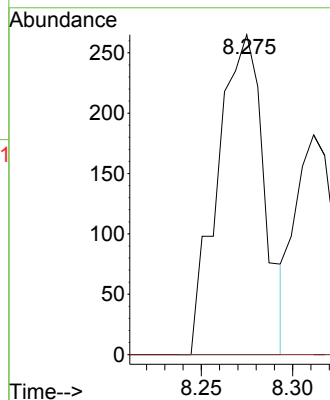
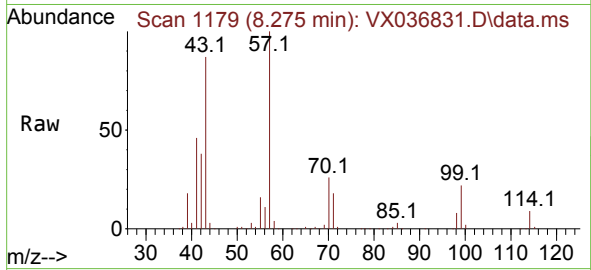




#58
2-Chloroethyl Vinyl ether
Concen: 0.325 ug/l
RT: 8.275 min Scan# 1174
Delta R.T. 0.030 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

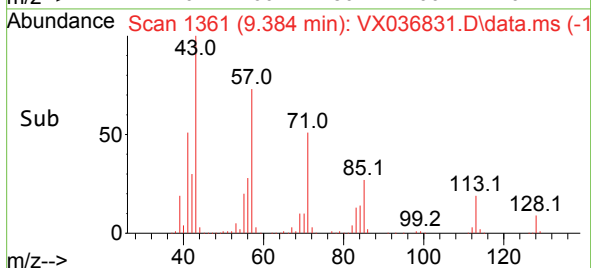
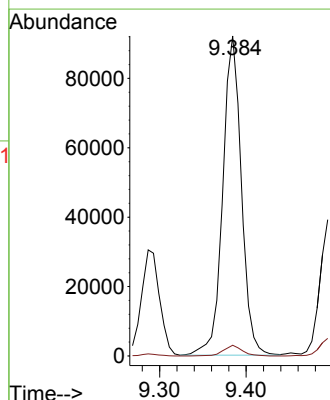
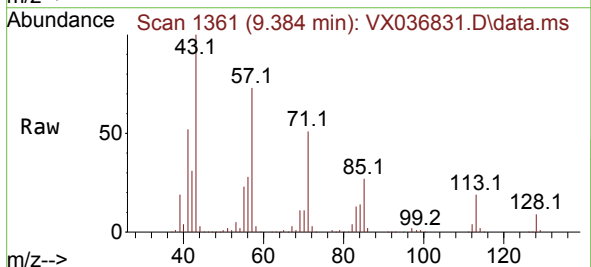
Instrument :
MSVOA_X
ClientSampleId :
522

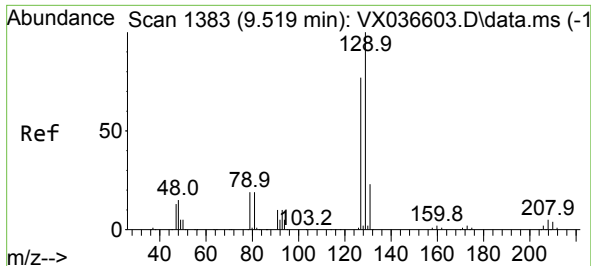
Tgt Ion: 63 Resp: 471
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#



#59
2-Hexanone
Concen: 72.922 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 43 Resp: 137603
Ion Ratio Lower Upper
43 100
58 3.4 26.2 78.5#

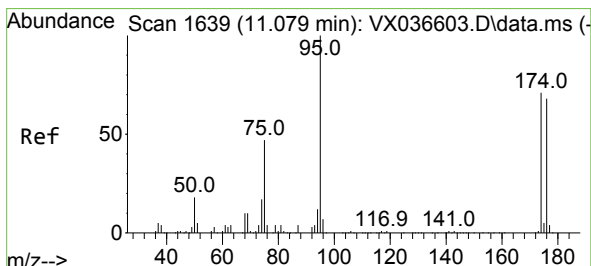
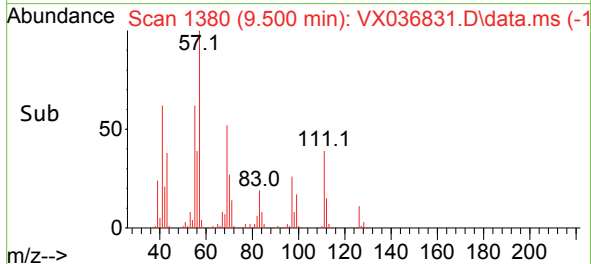
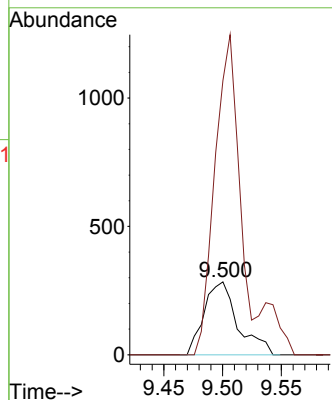
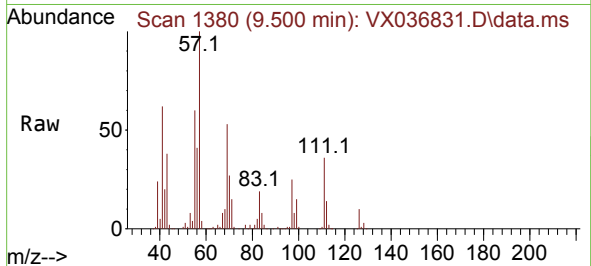




#60
Dibromochloromethane
Concen: 0.285 ug/l
RT: 9.500 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

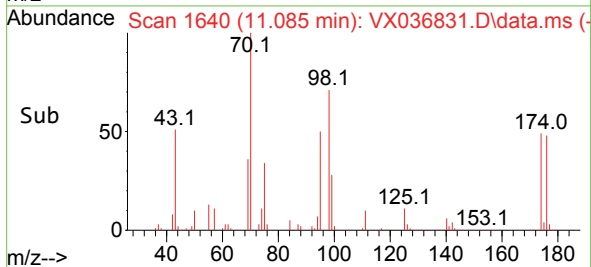
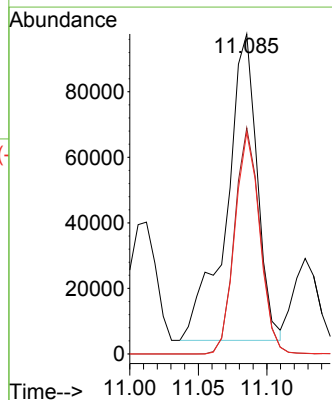
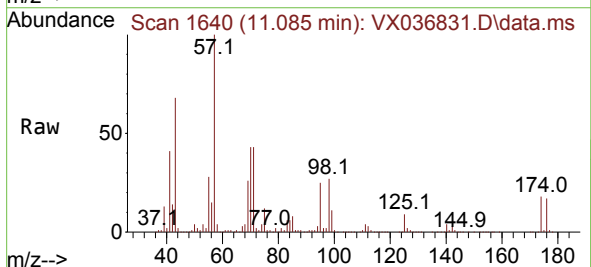
Instrument :
MSVOA_X
ClientSampleId :
522

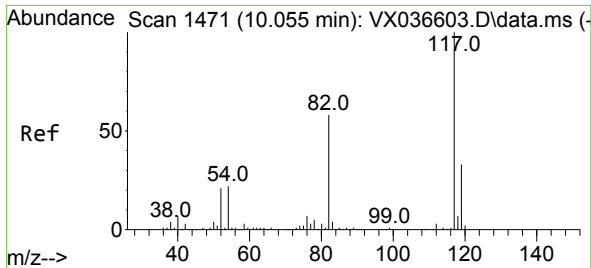
Tgt Ion:129 Resp: 566
Ion Ratio Lower Upper
129 100
127 325.8 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 69.200 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 95 Resp: 146481
Ion Ratio Lower Upper
95 100
174 60.7 0.0 135.6
176 58.8 0.0 131.0

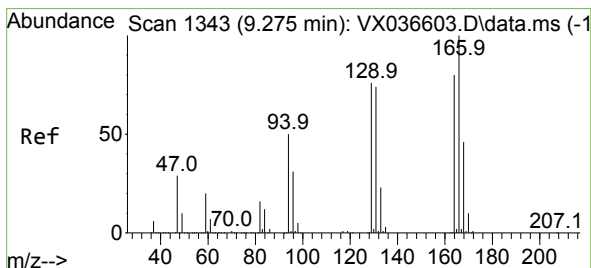
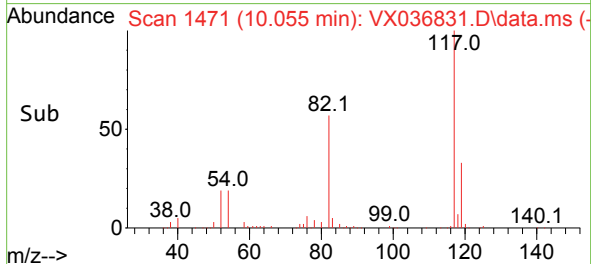
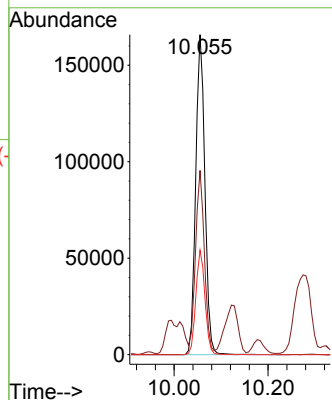
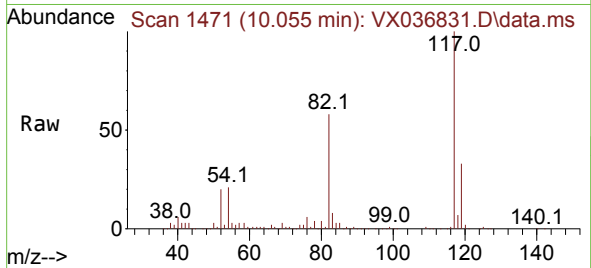




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

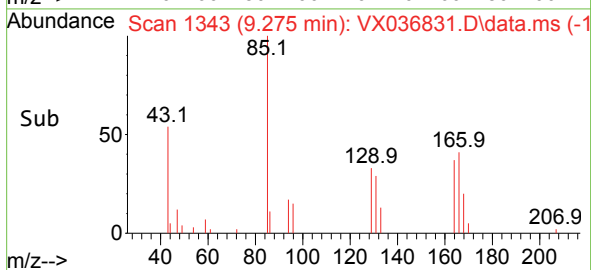
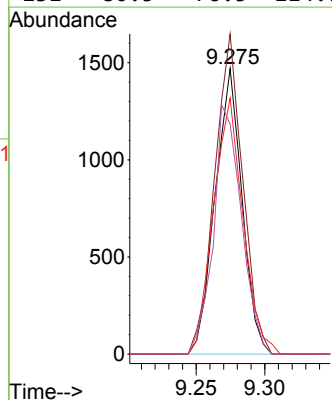
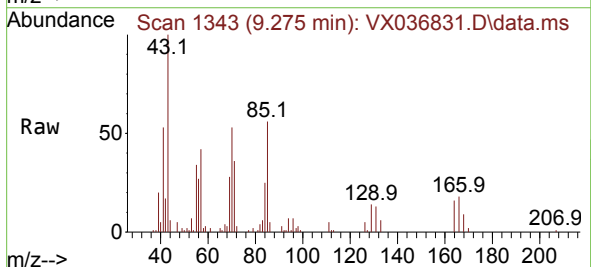
Instrument :
MSVOA_X
ClientSampleId :
522

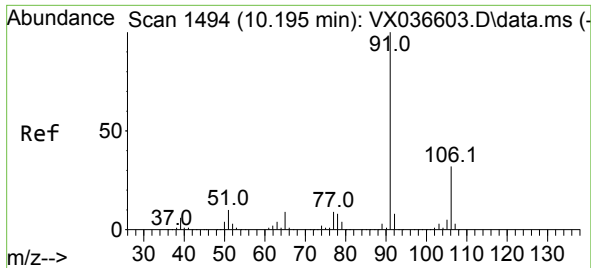
Tgt Ion:117 Resp: 226384
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 1.187 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion:164 Resp: 2004
Ion Ratio Lower Upper
164 100
166 112.1 102.7 154.1
129 89.7 80.4 120.6
131 80.5 76.5 114.7

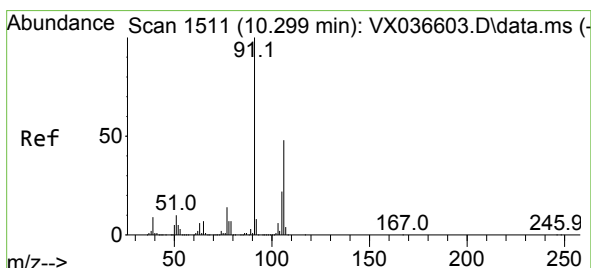
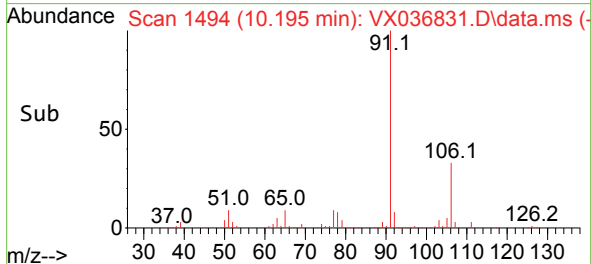
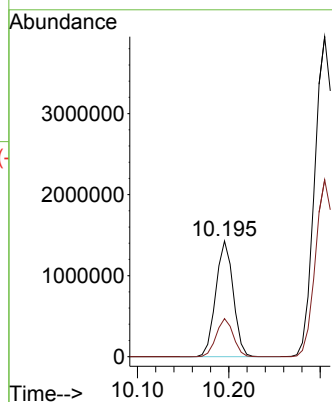
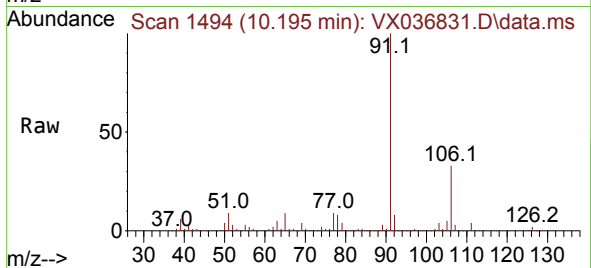




#67
Ethyl Benzene
Concen: 207.536 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

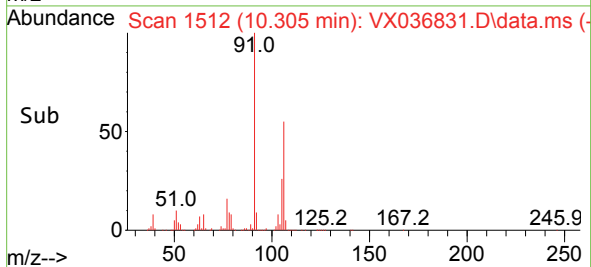
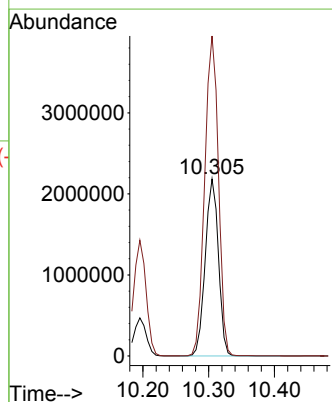
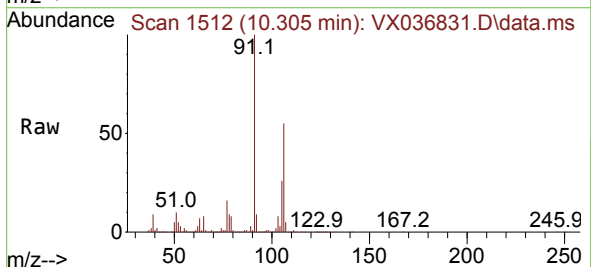
Instrument :
MSVOA_X
ClientSampleId :
522

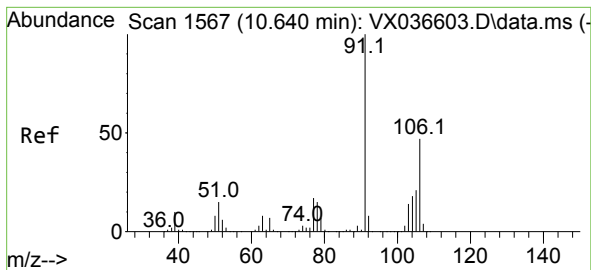
Tgt Ion: 91 Resp: 1891914
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3



#68
m/p-Xylenes
Concen: 894.299 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 106 Resp: 3041780
Ion Ratio Lower Upper
106 100
91 188.4 165.5 248.3





#69

o-Xylene

Concen: 363.934 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

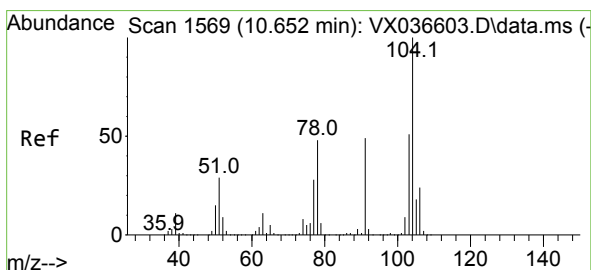
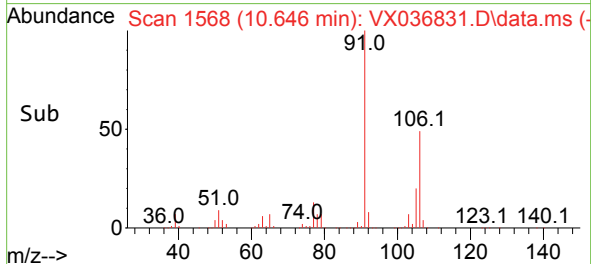
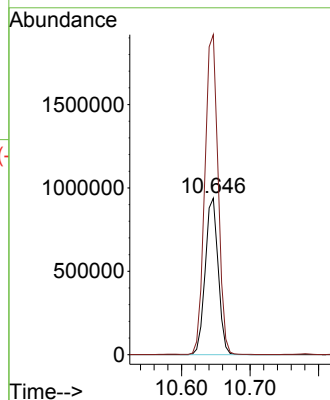
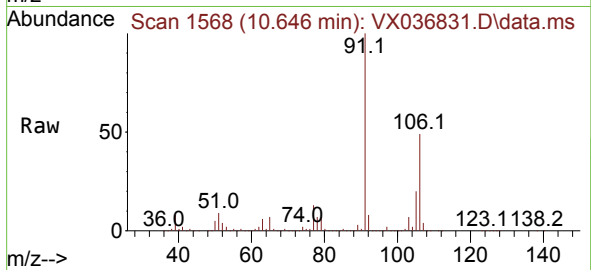
522

Tgt Ion:106 Resp: 1235587

Ion Ratio Lower Upper

106 100

91 209.7 108.9 326.8



#70

Styrene

Concen: 11.105 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.006 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

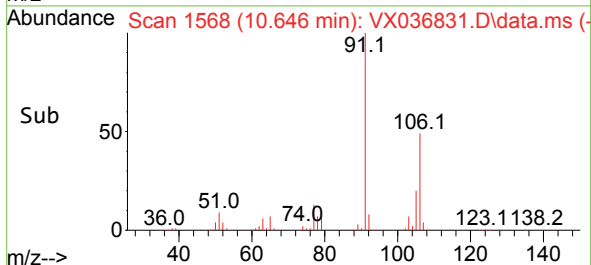
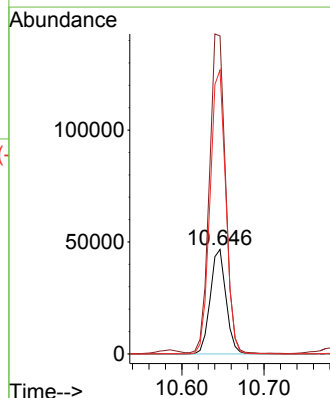
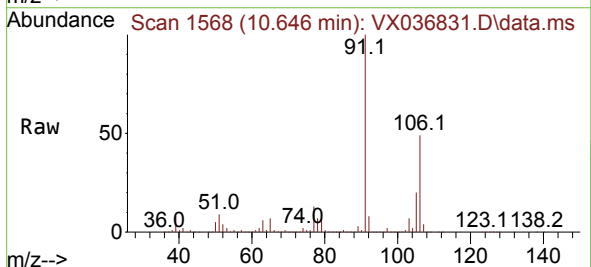
Tgt Ion:104 Resp: 62206

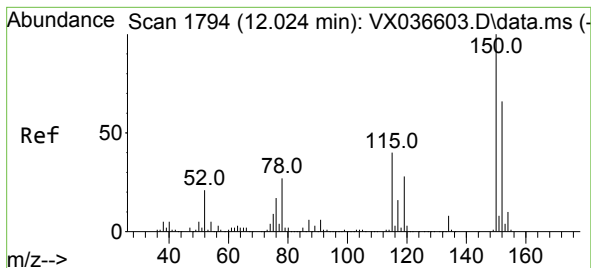
Ion Ratio Lower Upper

104 100

78 310.4 43.6 65.4#

103 272.5 43.6 65.4#

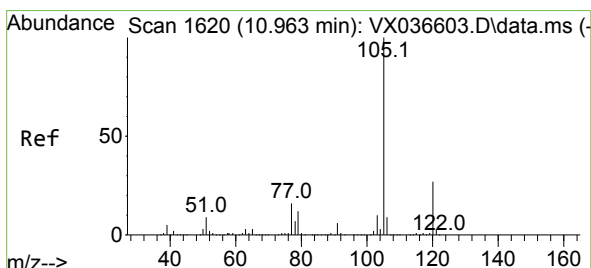
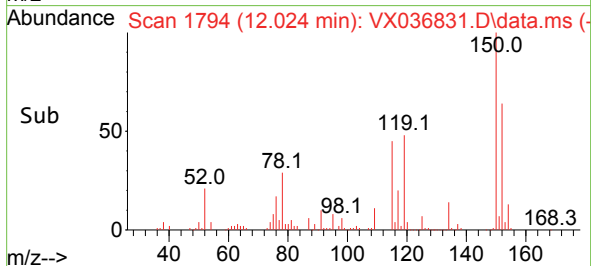
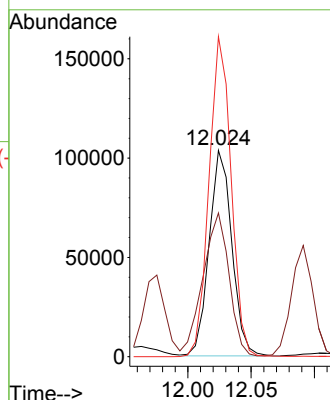
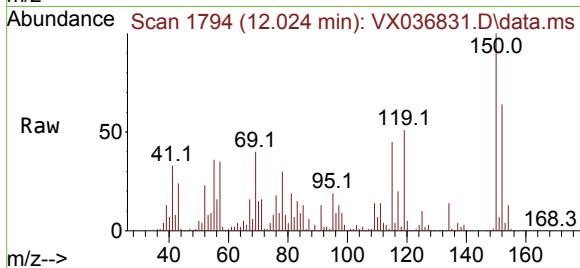




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036831.D
 Acq: 07 Aug 2023 12:42

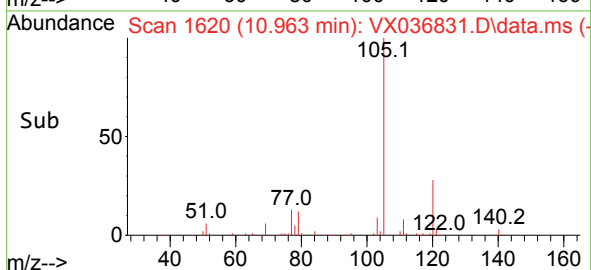
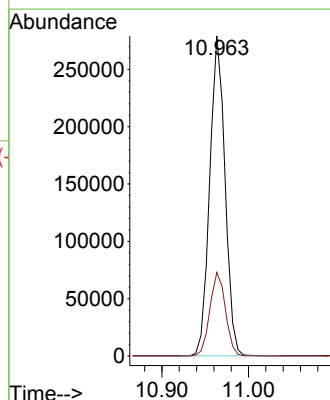
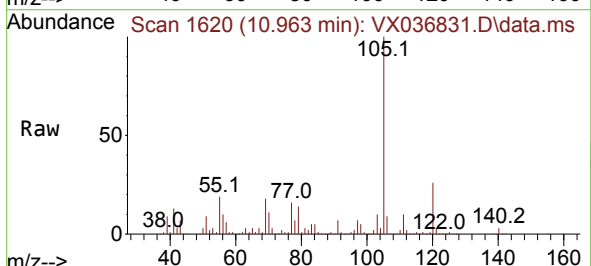
Instrument :
 MSVOA_X
 ClientSampleId :
 522

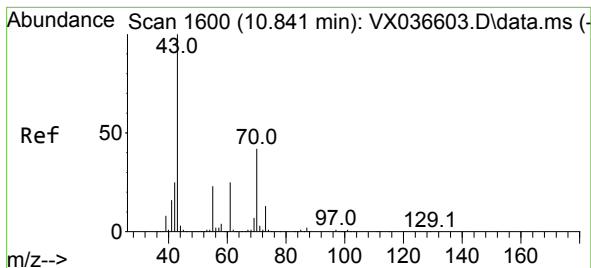
Tgt Ion:152 Resp: 129417
 Ion Ratio Lower Upper
 152 100
 115 79.5 43.3 129.9
 150 151.4 0.0 345.0



#73
 Isopropylbenzene
 Concen: 31.967 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VX036831.D
 Acq: 07 Aug 2023 12:42

Tgt Ion:105 Resp: 342382
 Ion Ratio Lower Upper
 105 100
 120 26.6 12.9 38.6





#74

N-amy1 acetate

Concen: 29.516 ug/l

RT: 10.860 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

522

Tgt Ion: 43 Resp: 147418

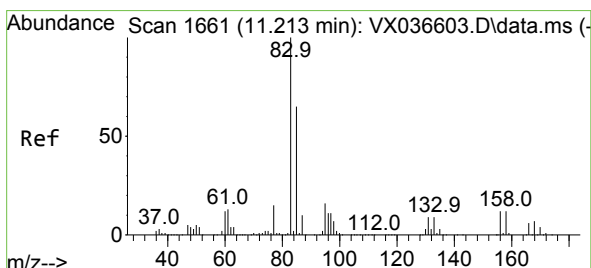
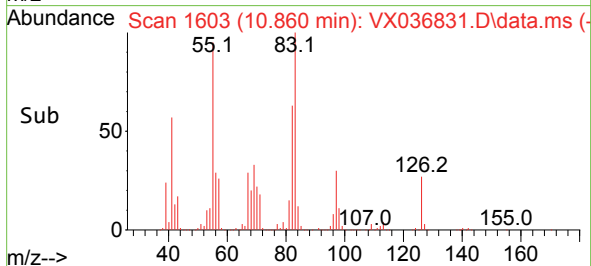
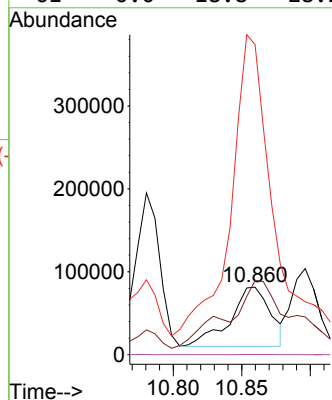
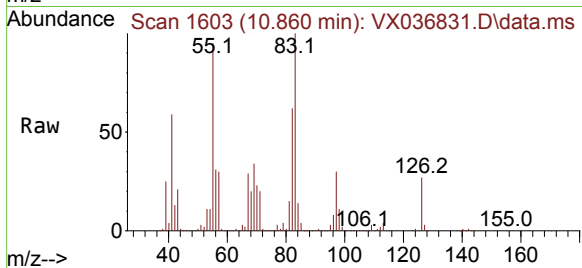
Ion Ratio Lower Upper

43 100

70 113.9 32.9 49.3#

55 512.1 19.3 28.9#

61 0.0 18.8 28.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 33.197 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

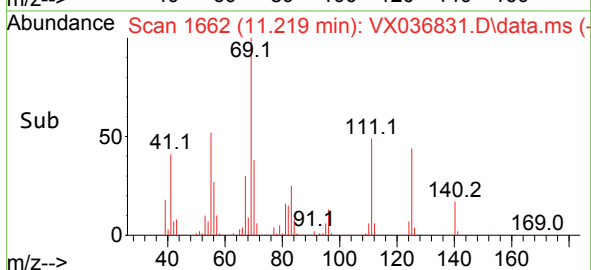
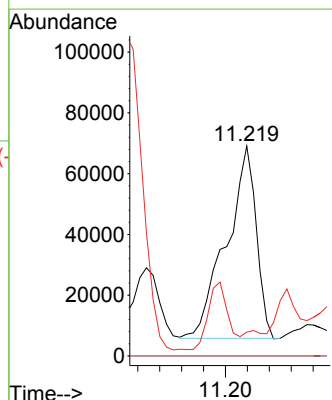
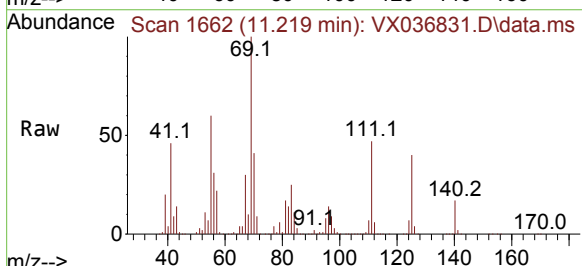
Tgt Ion: 83 Resp: 120089

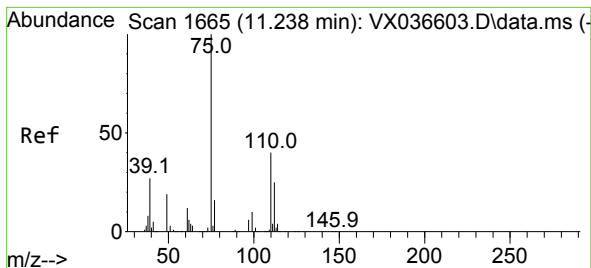
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 2.354 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

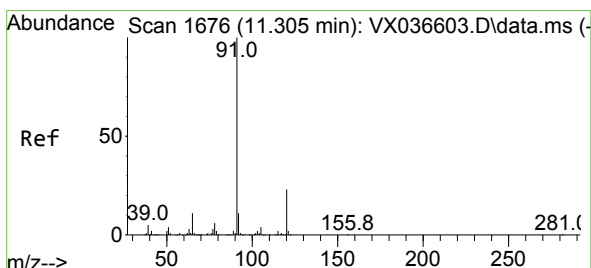
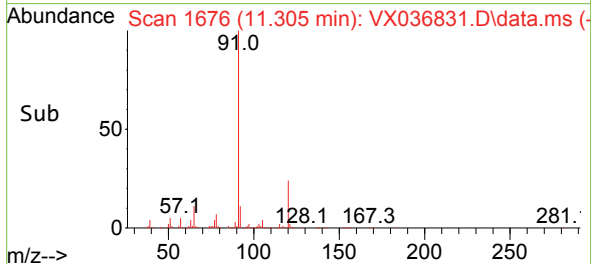
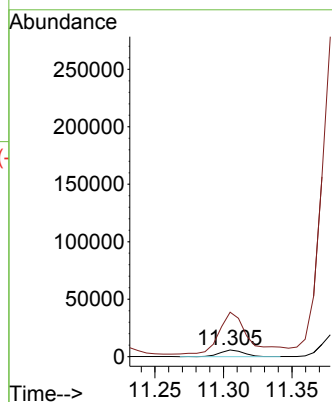
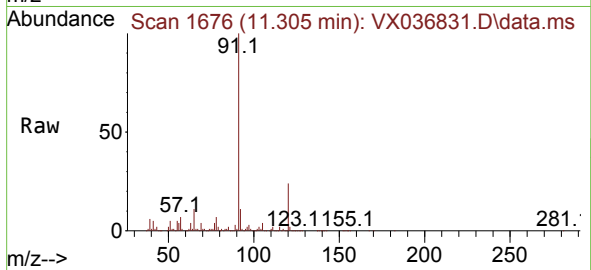
522

Tgt Ion: 75 Resp: 7167

Ion Ratio Lower Upper

75 100

77 769.8 19.1 57.5#



#78

n-propylbenzene

Concen: 89.624 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036831.D

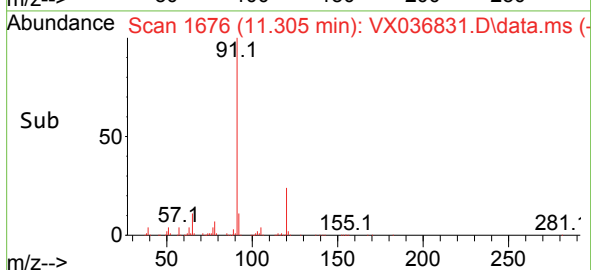
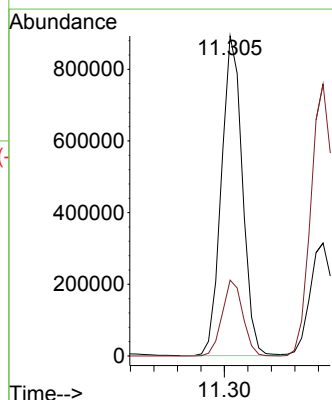
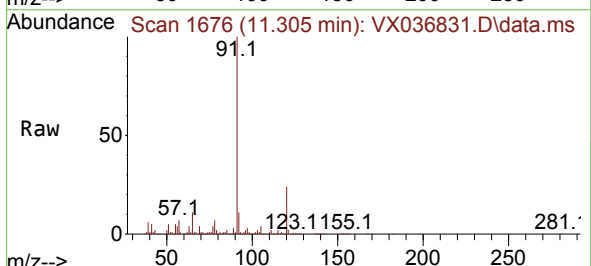
Acq: 07 Aug 2023 12:42

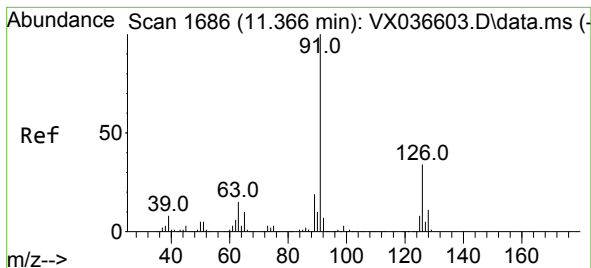
Tgt Ion: 91 Resp: 1110140

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 73.276 ug/l

RT: 11.384 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

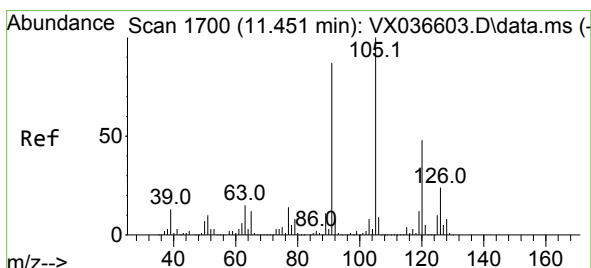
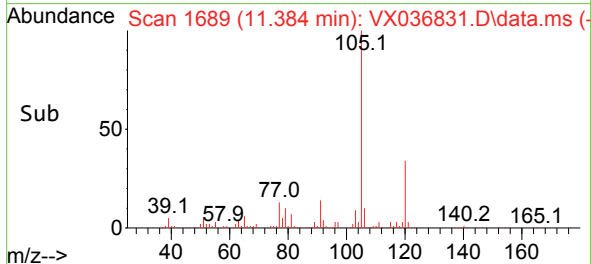
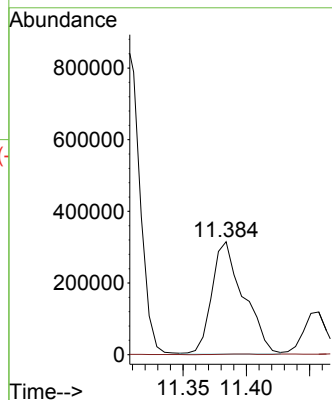
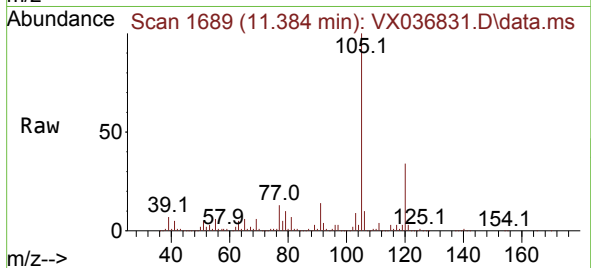
522

Tgt Ion: 91 Resp: 549995

Ion Ratio Lower Upper

91 100

126 0.6 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 144.580 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX036831.D

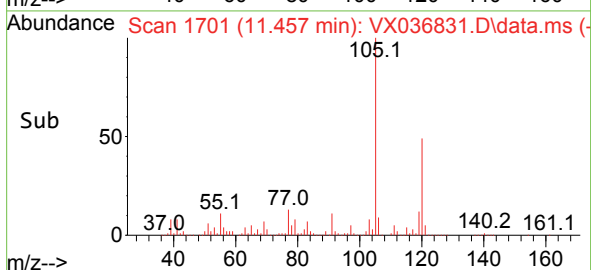
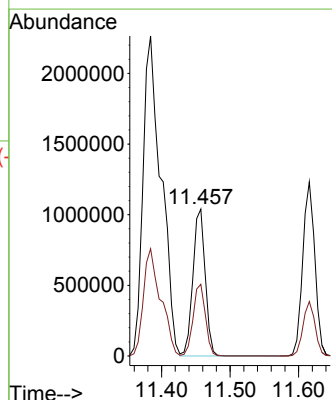
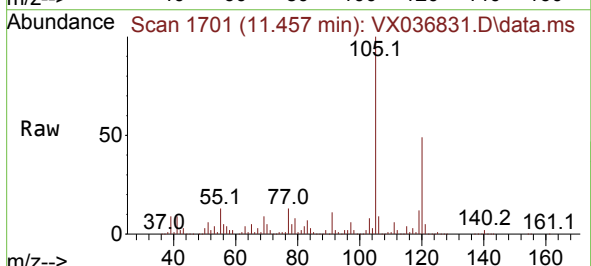
Acq: 07 Aug 2023 12:42

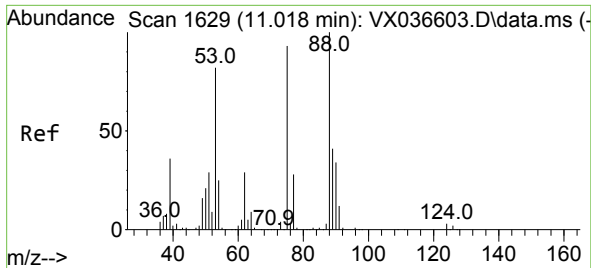
Tgt Ion: 105 Resp: 1295445

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.3

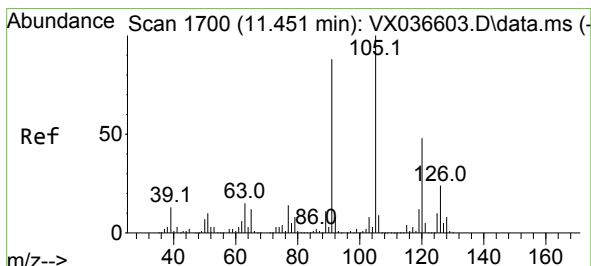
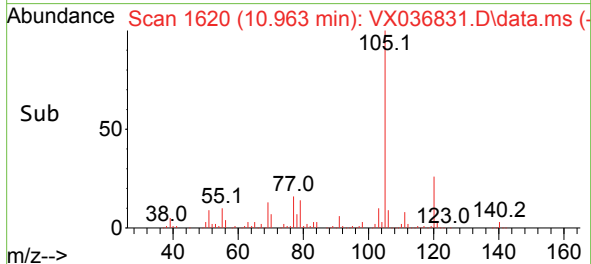
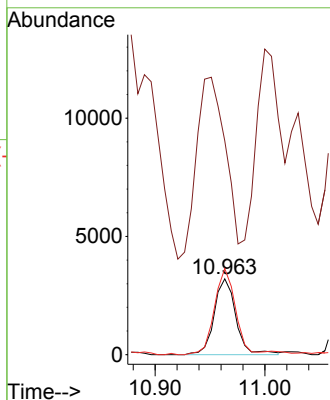
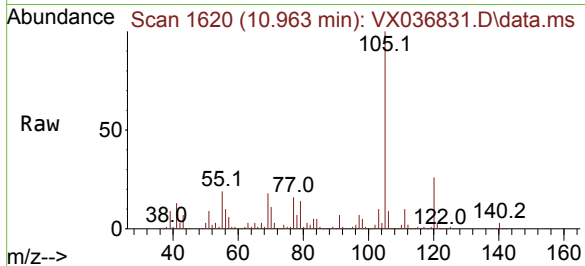




#81
trans-1,4-Dichloro-2-butene
Concen: 3.297 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

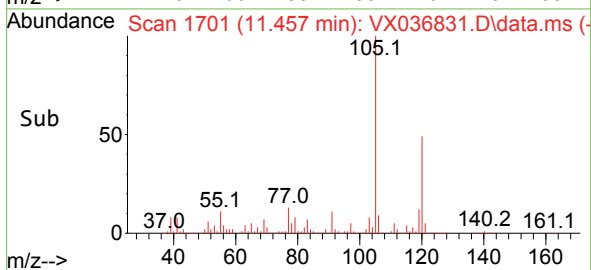
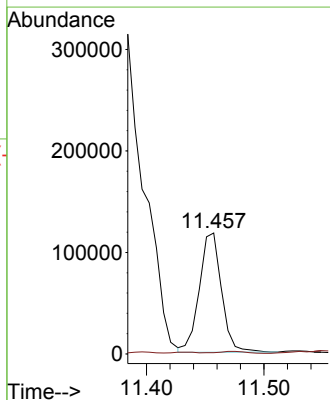
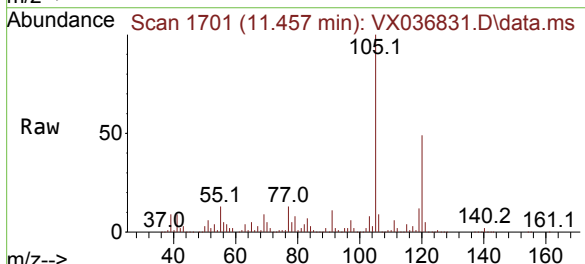
Instrument :
MSVOA_X
ClientSampleId :
522

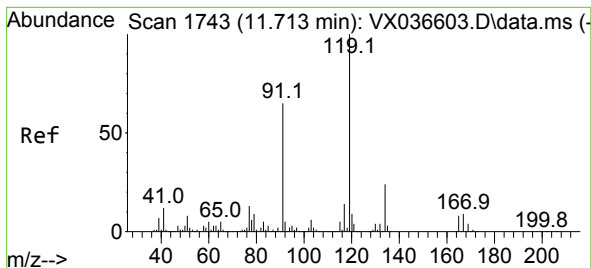
Tgt Ion: 75 Resp: 4428
Ion Ratio Lower Upper
75 100
53 317.5 90.5 135.7#
89 108.8 36.9 55.3#



#82
4-Chlorotoluene
Concen: 18.015 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 91 Resp: 154069
Ion Ratio Lower Upper
91 100
126 1.7 14.2 42.6#





#83

tert-Butylbenzene

Concen: 61.774 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.043 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

522

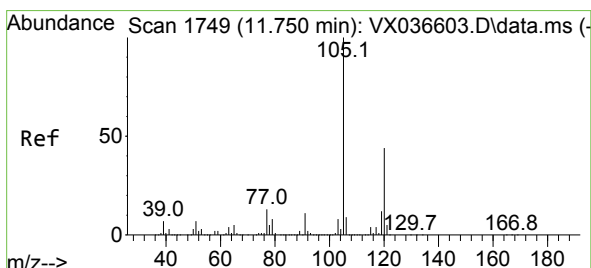
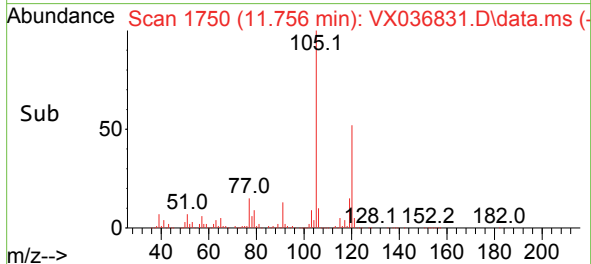
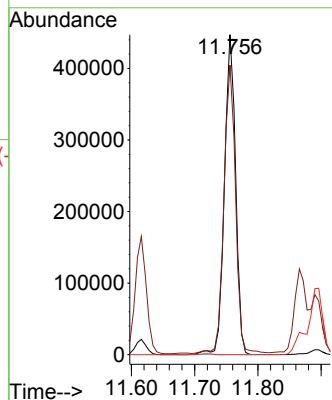
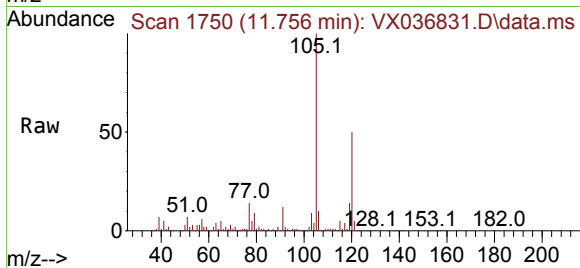
Tgt Ion:119 Resp: 543749

Ion Ratio Lower Upper

119 100

91 93.6 31.2 93.6#

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 459.897 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX036831.D

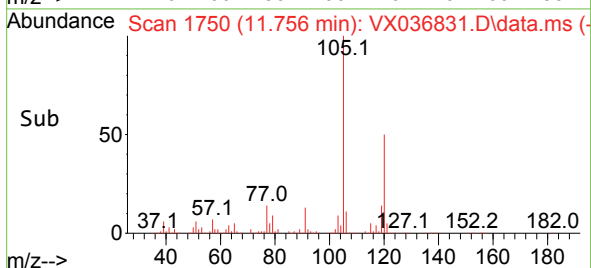
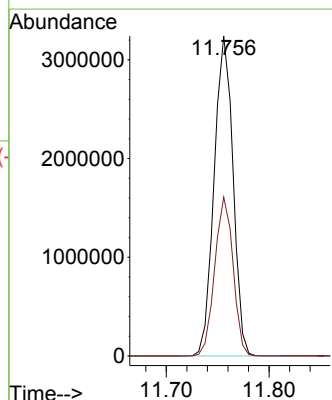
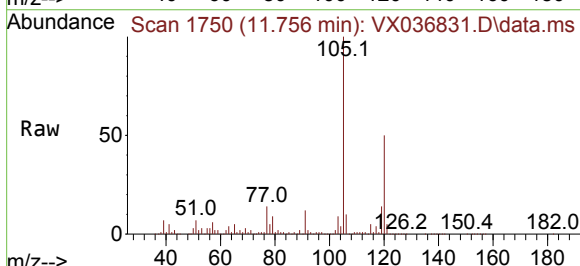
Acq: 07 Aug 2023 12:42

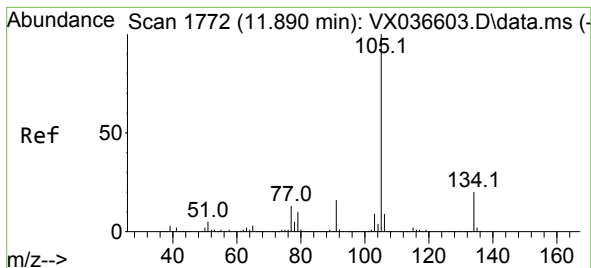
Tgt Ion:105 Resp: 4121034

Ion Ratio Lower Upper

105 100

120 48.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 53.057 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

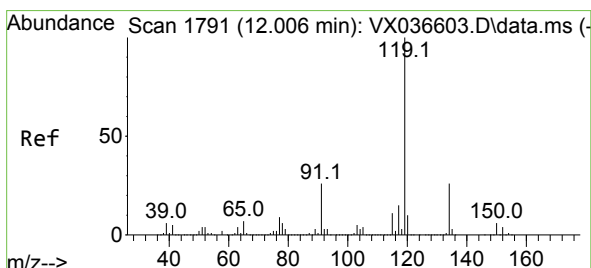
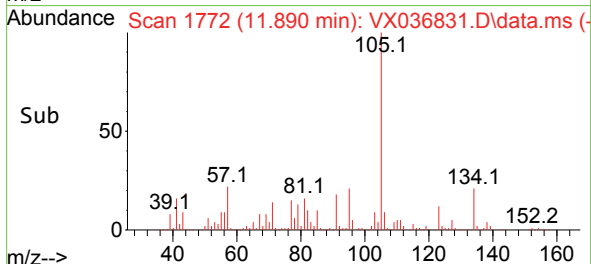
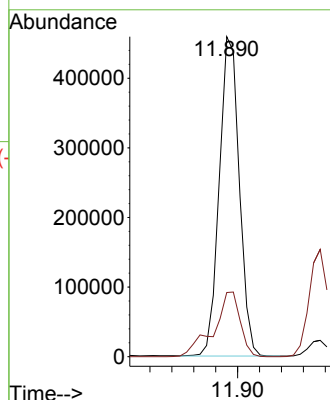
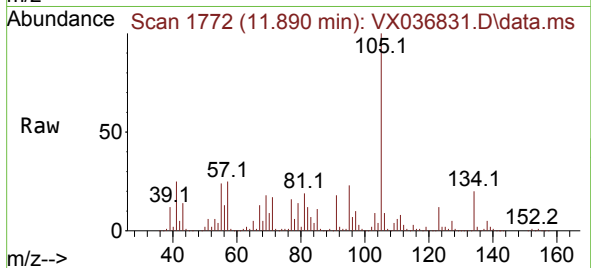
522

Tgt Ion:105 Resp: 582426

Ion Ratio Lower Upper

105 100

134 26.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 37.227 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

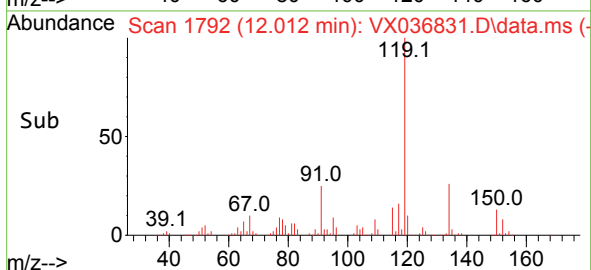
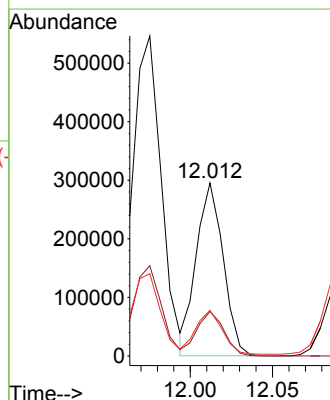
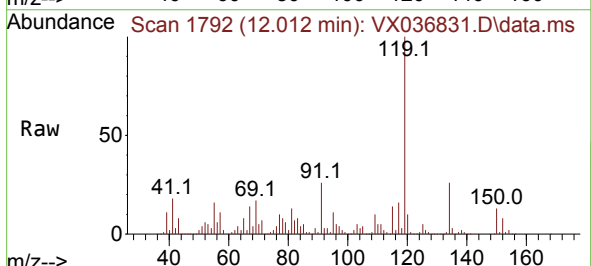
Tgt Ion:119 Resp: 336258

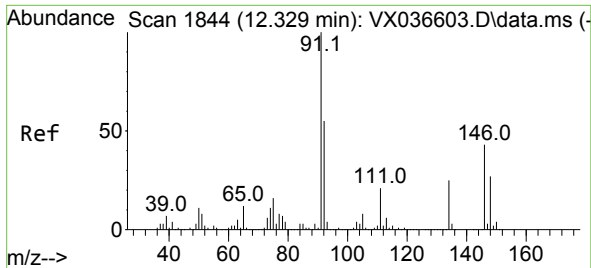
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

91 24.9 13.1 39.3

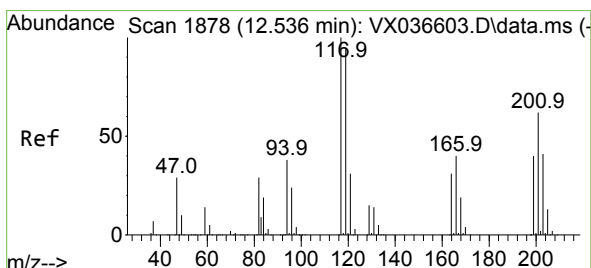
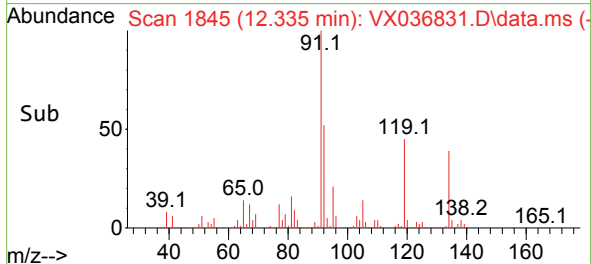
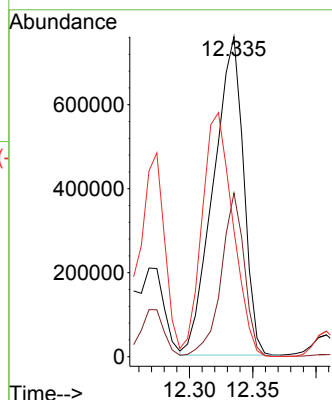
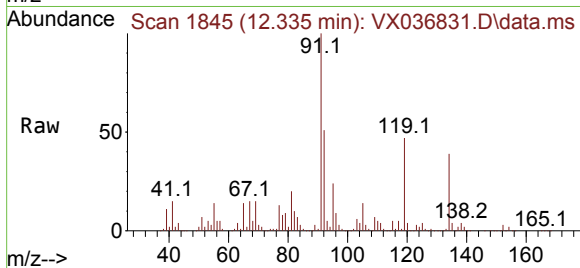




#89
n-Butylbenzene
Concen: 154.736 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

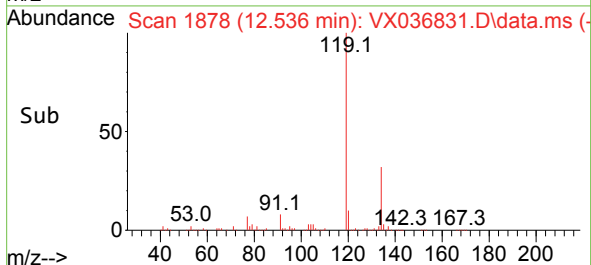
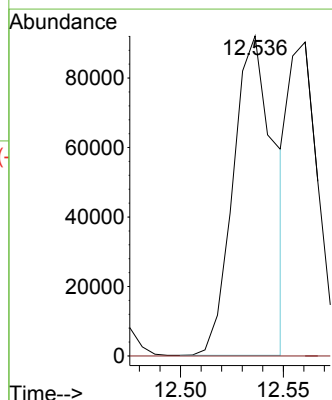
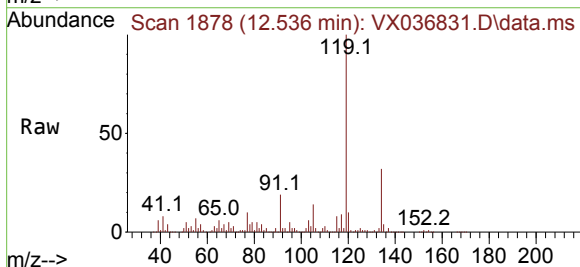
Instrument :
MSVOA_X
ClientSampleId :
522

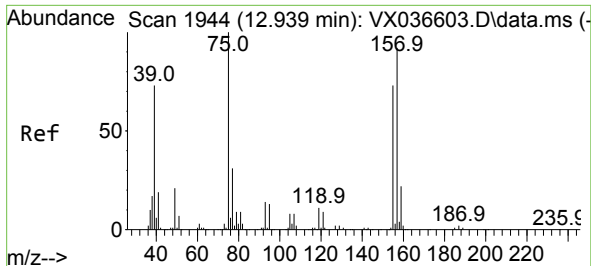
Tgt Ion: 91 Resp: 1251172
Ion Ratio Lower Upper
91 100
92 39.6 27.4 82.0
134 78.9 12.6 37.8#



#90
Hexachloroethane
Concen: 70.091 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036831.D
Acq: 07 Aug 2023 12:42

Tgt Ion: 117 Resp: 128348
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 10.567 ug/l

RT: 12.926 min Scan# 1942

Delta R.T. -0.012 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

522

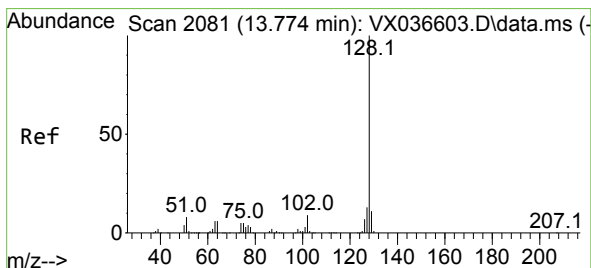
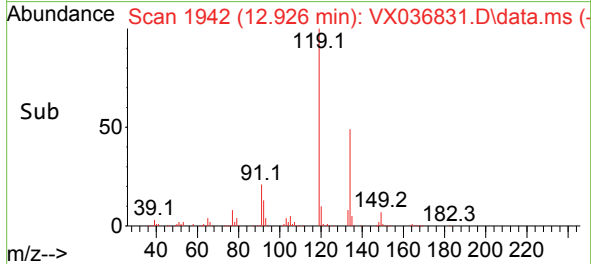
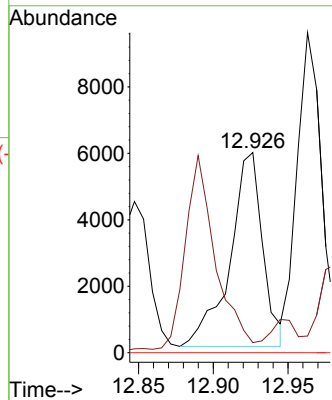
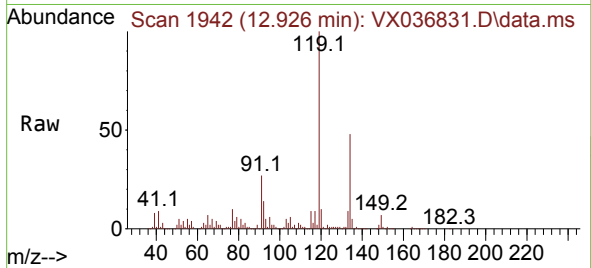
Tgt Ion: 75 Resp: 8883

Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#



#95

Naphthalene

Concen: 49.545 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX036831.D

Acq: 07 Aug 2023 12:42

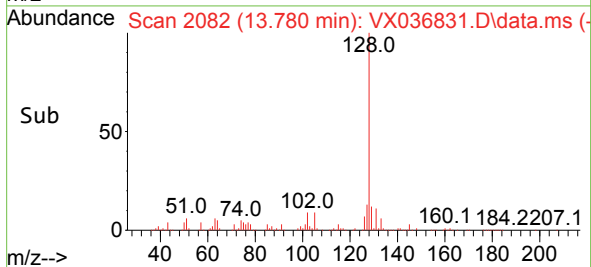
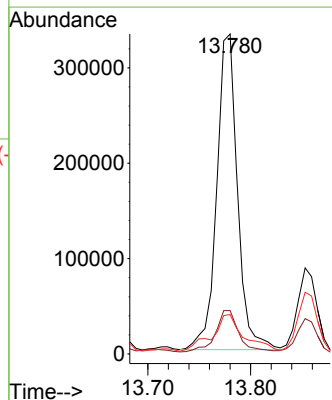
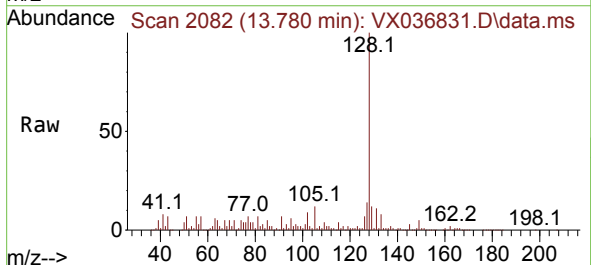
Tgt Ion:128 Resp: 463714

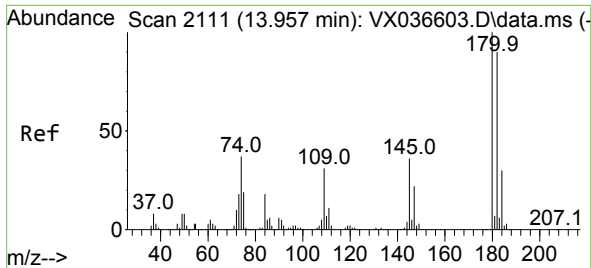
Ion Ratio Lower Upper

128 100

127 14.7 10.3 15.5

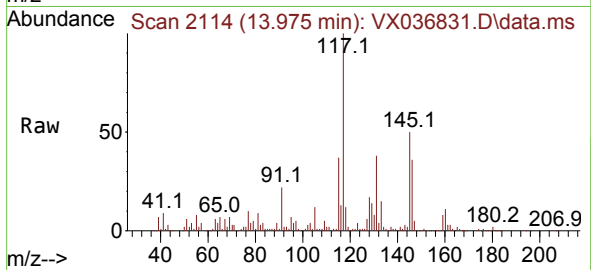
129 17.6 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.826 ug/l
 RT: 13.975 min Scan# 2114
 Delta R.T. 0.018 min
 Lab File: VX036831.D
 Acq: 07 Aug 2023 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 522



Tgt Ion:180 Resp: 7480
 Ion Ratio Lower Upper
 180 100
 182 10.4 46.9 140.6#
 145 2418.7 17.8 53.5#

